



Phase I Preliminary Risk Assessment

At

Former Wheatfields Day Centre,
Whitefield

Client: Onward

Reference: 31990-SUT-ZZ-00-RP-G-701-0001

Date: September 2021

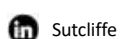
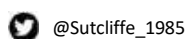
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Phase I Preliminary Risk Assessment

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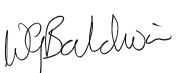
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Executive Summary

INTRODUCTION	Sutcliffe Investigations were instructed by Onward to undertake a Phase I Preliminary Risk Assessment (PRA) of the site known as Former Wheatfields Day Centre, Whitefield, M45 6DQ (nearest postcode).
AIMS & OBJECTIVES	The Phase 1 PRA is required to assess the ground based environmental and geotechnical risks, development constraints and liabilities associated with the development of the site, required in support of an application for outline planning. This report constitutes a preliminary investigation as defined in BS10175 and contains the following:  Summary of the information obtained from an Envirocheck Report (Report Reference: 284482743_1_1), which is presented in Appendix A.  A preliminary risk assessment of potential environmental risks associated with the proposed redevelopment of the site to identified receptors, following the methodology of LCRM and their recommendations on contamination reports.
DEVELOPMENT PLANS	The proposed development for the site is for thirty (30 No.) residential units / houses with gardens and associated car parking facilities. The proposed development is presented as Drawing No: 21056-PJA-00-ZZ-DR-A-100-B produced by Paddock Johnson, dated June 2021.
SITE LOCATION & DESCRIPTION	The site address is located at Former Wheatfields Day Centre, Whitefield, M45 6DQ at National Grid Reference (NGR) 381190, 405710. The site is located at the eastern end of Victoria Avenue and is roughly rectangular in shape. The site was home to a former extra care facility which was demolished approximately ten years ago with the only remnant being the main access road. The site is covered in overgrown vegetation consisting of young trees, bushes brambles and areas of grass. The site is generally flat however the far northwestern third of the site is covered in a large ridge of high ground, approximately 3m to 4m higher than the rest of the site, again this ridge is covered in overgrown vegetation.
SITE HISTORY	Onsite – The earliest available historical map (1848) shows the site to comprise sections of three separate open fields. No significant changes are noted onsite until the 1932 mapping when a small unlabelled rectangular feature is mapped along the northern boundary onsite. Another map dated in 1932, does not have this before mentioned rectangular feature, and also shows the pit which has been shown historically to be present adjacent north-east of the boundary to have now cross the site boundary and extend a relatively short distance into the site. This pit extending on-site is no longer mapped onsite by the 1953 – 1958 mapping. No further significant changes occur until the 1964 – 1973 mapping, at which point two relatively large buildings are mapped on-site, labelled as 'Knowle Hill View', which is positioned roughly within the southeast of the site, and 'Wheatfields' located roughly within the centre of the site. Part of an electrical substation is also mapped crossing the site boundary within the south of the site. No other significant changes occur until between 1992 and 1996 mapping, where the Wheatfields appears to have been extended. An area of car parking is apparent on the 2000 aerial photography within the southwest of the site, as well as close by the Wheatfields. The 2006 mapping shows the building within the southeast of the site to no longer be present, and the Wheatfields building appears to have altered in footprint. No further significant changes are evident until the 2021 mapping.

	Offsite - The earliest historical map dated 1848 shows the majority of the surroundings are to primarily comprise open fields with sporadic dwellings/farms. A Brick Field is located approximately 300m north-east of the site boundary, and a gravel pit is located approximately 260m northwest of the site. Four ponds are mapped within proximity to the site, located 30m northeast, 50m north, 50m south-east and 100m northwest from the site boundary. By the 1894 mapping, many more Brick Fields are evident within the surrounding area, the closest noted started adjacent north-east from the site and extending approximately 150m northeast from the site boundary. Another Brick Field is recorded 260m southeast of the site, and a Brick Works is mapped 400m southeast of the site. The 'Victoria Mill (Cotton)' is mapped approximately 200m southwest of the site boundary. By 1909, the brickworks adjacent northeast of the site is mapped as rough pasture, and the brickfield 260m southeast of the site is also now mapped as an open field. The Victoria Mill is now noted as producing 'Smallware'. 'Moss Lane Works (Printing)' is now present approximately 250m northwest of the site; by the 1910 mapping. By the 1923 mapping 'Victoria Work' is now labelled next to the Victoria Mill, with several associated 'Tanks'. Moss Lane Works has also expanded its building footprint, and is mapped with associated 'Tanks' and a 'Sand Pit'. The 1932 mapping shows the brickfield formally adjacent northeast of the site to be mapped as a depression. Two new relatively small industrial buildings have been erected north of the site, with the 'Croft Mill (Smallware)' and the 'Albert New Mill (Cotton)' mapped 120m and 200m from the site boundary, respectively. Significant residential expansion is apparent west of the site, with the Victoria Mill and Works both no longer present, with the former footprint of the buildings now occupied by residential housing. The remaining Brick Field southeast of the site is no longer mapped. The pond formerly mapped 100m northwest of the site is no longer mapped. By the 1964 – 1973 mapping, the ponds located at 30m northeast, 50m north and 100m south-east of the site are no longer mapped. A 'Dairy' is located 75m north of the site. Moss Lane Works is now labelled as a 'Rubber Works', and the pit adjacent northeast of the site is now mapped as flat, and by the 1970-1976 mapping two rectangular buildings are present within this area; several more buildings are apparent in the area by the 1974 – 1979 mapping. The 1977 – 1985 mapping no longer references the Moss Lane Works, the footprint of the building appears different and the site is now referred to as a 'Warehouse'. No other significant changes are evident throughout the historical mapping.
GEOTECHNICAL UNCERTAINTY	The site has been subject to previous development and therefore, the potential for relic foundations and obstructions cannot be discounted. A near surface coal seam has been shown close to the site in a historic borehole which may outcrop onsite. Potential for deep Made Ground exists within the area of the former pit in the north-east of the site which may have implications for the foundation design in the area. Two faults are present onsite which may have implications for the foundation design dependent on the thickness of the superficial deposits.
GEOLOGY	Artificial - There are no records of any artificial ground onsite or within 500m of the site. Drift - The superficial deposits for the site are noted as Devensian Till. Solid - The solid geology for the site is noted as being Pennine Lower Coal Measures – Mudstone, Siltstone and Sandstone across the majority of the site. The Chester Formation is mapped within the north-west of the site, which comprises Sandstone.
HYDROGEOLOGY	The Bedrock is classified as a Secondary A / Principle Aquifer with the Superficial Deposits classified as Unproductive Strata.

	Two (2 No.) groundwater abstractions have been identified within 1000m of the site, noted 530m north and 578m north-west of the site and are both active.
FAULTS	Two faults have been identified within the development site boundary; foundation design may have to take this into consideration. Two other faults are located within 500m of the site. Foundation design may need to mitigate the risk associated with possible differential movement.
RADON	According to the Envirocheck Report, the site is not within a radon affected area, as <1% of homes are above the action level. No radon protection measures are necessary in the construction of new dwellings or extensions.
COAL MINING	The site is within a coal mining area. No further action is required to assess the risks associated with coal mining assets.
HYDROLOGY	There is one (1 No.) surface water feature 206m south-east of the site. There is one (1 No.) surface water abstraction listed within 2000m of the site, noted 530m northeast of the site.
RISK ASSESSMENT	The Phase I PRA has not highlighted significant areas of concern and therefore, the site is deemed to be Class 3 – Low Risk.
CONCLUSIONS & RECOMMENDATIONS	Based on the findings of the Phase I review, Sutcliffe Investigations do not consider there to be any identifiable significant environmental issues regarding the site. However, there is limited information of the ground for geotechnical properties and as such we would therefore recommend the following sequential works are undertaken:  Submission of this Phase I PRA Report for the benefit of validating the outline planning application.  Commission a Phase II Ground Investigation designed to discharge any contaminated land conditions that may be assigned to the site and allow the design of economic foundation solutions.  Correspondence with the utility company that owns the 33kV cables running through the site, which may have implications for the redevelopment of the site.  Commission a Coal Mining Risk Assessment.

NOTE: The executive summary is an overview of the key findings and conclusions of the report. There may be other information contained in the body of the main report which puts into context the information presented within the executive summary. No reliance should be placed on the executive summary.

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1 Introduction

1.1 Terms of Reference

Sutcliffe Investigations were instructed by Onward (the Client) to undertake a Phase I Preliminary Risk Assessment (PRA) of the site known as the Former Wheatfields Day Centre, Whitefield, M45 6DQ (nearest postcode).

1.2 Proposed Development

The proposed development for the site is for thirty (30 No.) residential units / houses with gardens and associated car parking facilities. The proposed development is presented as *Drawing No: 21056-PJA-00-ZZ-DR-A-100-B* produced by Paddock Johnson, dated June 2021.

1.3 Legislative Context

The presence of contaminants which may pose a risk to human health and / or the environment is a planning consideration. As part of the planning regime, it needs to be considered whether the site is “*suitable for its proposed end use*”. Planning is concerned with the site’s proposed end use, not its current use, where the amount of contamination is required to be low relative to the level of risk.

Section 57 of the Environment Act 1995 adds Part 2A (ss. 78A to 18YC) to the Environmental Protection Act 1990 and contains the legislative framework for identifying and dealing with contaminated land. Where development is undertaken on land which may be affected by contamination, the National Planning Policy Framework, paragraph 120 to 122 considers pollution and remediation. This links the contaminated land regime within the development process.

For there to be a significant risk requiring further investigation a perceived source (contaminant), a receptor (humans, living organisms or property) and a pathway between them must all be present, resulting in a complete contaminant linkage.

In order to assess whether this is the case, background research is required to obtain relevant information about the site and its surroundings and to assess the findings qualitatively. The scope of the assessment examined whether there is the potential for current and historic soil and/or groundwater contamination to be present, both at and in the vicinity of the site, and to assess significance in terms of the potential to pose a risk to human health, controlled waters, building infrastructure and the wider environment and identify any associated potential liabilities.

Part 2A of the Environmental Protection Act 1990 (“Part 2A”) provides the legislative framework for the contaminated land regime in England, Wales and Scotland. It provides for contaminated land to be identified and dealt with in a risk-based manner. The *Contaminated Land (England) Regulations 2006* (SI 2006/1380) set out provisions for procedural matters under Part 2A. The 2006 regulations have recently been modified with the introduction of *The Contaminated Land (England) (Amendment) Regulations 2012*,

which came into force on 6th April 2012. This includes an amendment to Regulation 3(c) to take account of the updated definition of “controlled waters” in Section 78A(9) of the *Environmental Protection Act 1990*. Section 78A(2) of Part 2A of the EPA 1990 defines contaminated land as “land which appears to the local authority in whose area it is situated to be in such a condition, by reason of substances in, on or under the land, that:

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

- pollution of controlled waters is being or is likely to be caused”.

Contaminated Land Statutory Guidance published in April 2012 provides for a new four category test which is intended to clarify when land does or does not need to be remediated, where Category 1 is deemed as being high risk and Category 4 as being low risk.

1.4 Previous Studies

Sutcliffe’s are not aware any previous environmental or geotechnical investigations having been completed on site.

1.5 Objectives & Scope of Works

The Phase 1 PRA is required to assess the ground-based environmental and geotechnical risks, development constraints and liabilities associated with the development of the site, required in support of an application for outline planning.

This report will inform the study of any potential contaminated land issues to be identified, assessed and actioned and has been designed to provide sufficient information to satisfy the requirements of National Planning Policy Framework (NPPF) in order to satisfy the aims and objectives of the project.

The report will culminate in the presentation of a Preliminary Conceptual Site Model (CSM) and will include clear robust recommendations for any additional works. These works will be designed to fully assess and mitigate risks, development constraints and abnormalities that may be required in support of a future planning application and design of detailed foundation options.

This report constitutes a preliminary investigation as defined in BS10175 and contains the following:

- Summary of the information obtained from an Envirocheck Report (Report Reference: 284482743_1_1), which is presented in Appendix A.

- A preliminary risk assessment of potential environmental risks associated with the proposed redevelopment of the site to identified receptors, following the methodology of Land contamination risk management (LCRM) and their recommendations on contamination reports.

- Recommendations for further investigation/actions if required.

The scope of works was to undertake a Phase I PRA using available information, and to place the site in its environmental context and has included the following:

-  A review of available historic maps to determine the land-use history in the context of potentially contaminative activities;
-  A review of environmental data relating to the site and its surroundings using a proprietary third-party environmental database;
-  Desk-based assessment of site geology, hydrogeology and hydrology from published mapping and web-based sources to determine the site's environmental setting and sensitivity;
-  A web-based search of the Environment Agency (EA) website and other freely available sources of information to identify any potential issues relating to the site and surrounding areas; and
-  Provision of a qualitative contaminated land risk assessment based on Source-Pathway-Receptor as per current best practice contained in LCRM1.

A site inspection was undertaken by a Sutcliffe engineer – Alex Tosh, on the 17th September 2021. No sampling or testing of soils or waters will be undertaken as part of this environmental review. All other information in this report has been obtained via public sources.

¹ Land contamination risk management (LCRM), EA, October 2020

2 Environmental Review

2.1 Introduction

The information presented within this chapter was compiled based on a site inspection, completed by a suitably qualified Sutcliffe Engineer, and a review of an Envirocheck Report (*Report Reference: 284482743_1_1*), presented in *Appendix A*.

2.2 Site Location and Setting

The site address is located at Former Wheatfields Day Centre, Whitefield, Bury, M45 6DQ (nearest postcode) at National Grid Reference 381190, 405710.

The site is approximately 5.13km south of the centre of Bury and is surrounded primarily by residential properties, with industrial/commercial properties found north-east of the site. Location plans of varying scales are presented in *Figures 1 & 2* and an Aerial Photograph is presented in *Figure 3*.



Figure 1: General Location of Site

2.3 Site Description and Walkover

The site is located at the eastern end of Victoria Avenue and is roughly rectangular in shape. The site was home to a former extra care facility which was demolished within the past ten years with the only remnant being the main access road.

The site is covered in overgrown vegetation consisting of young trees, bushes brambles and areas of grass. The site is generally flat however the far northwestern third of the site is covered in a large ridge of high ground, approximately 3m to 4m higher than the rest of the site, again this ridge is covered in overgrown vegetation. At the time of writing it is unclear whether the ridge is natural, landscaped as part of the extra care facility or a product of the demolition.

Towards the northern boundary there appears to be an area of limestone hardcore that could be an old “soakaway” or possibly an infilled cellar. Again its unclear if this is part of the extra care facility or part of the demolition process.

There is a small amount of fly tipping and some of the existing manholes have had their covers removed.

The site is currently undeveloped. A photographic log of the site is presented as *Appendix B*.

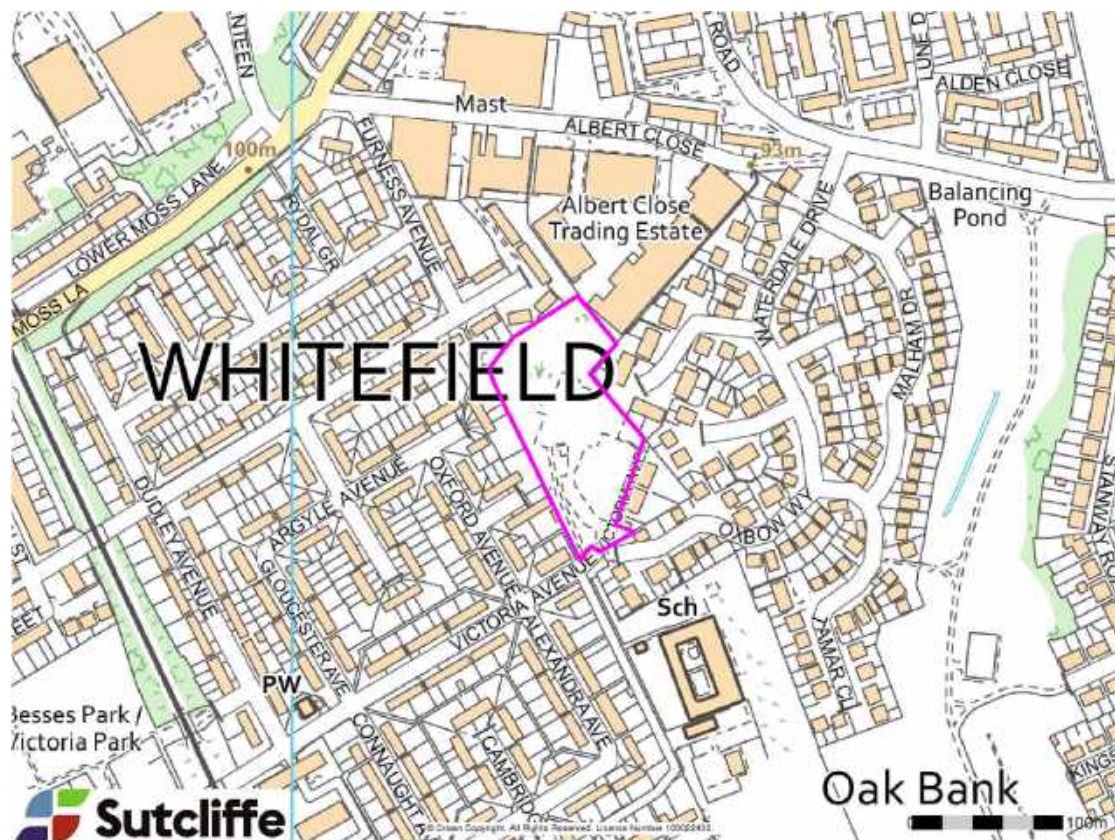


Figure 2: General Site Layout of the Site



Figure 3: Aerial Photograph

2.4 Adjacent Land Uses

Table 2.1 summarises the adjacent land uses.

Table 2.1: Adjacent Land Uses

Direction	Adjacent Land Use
North	Residential & Industrial / Commercial
East	Residential
South	Residential
West	Residential

2.5 Services

It should be noted that the electricity and gas plan received (date requested 06/09/2021) still shows the former building (since demolished) onsite, and thus may not be up to date. It is assumed by Sutcliffe that as it appears that the concrete slab associated with the former building remains in place onsite, underground services are likely to still be present below ground and should be considered as live unless proven otherwise.

Electric

Low voltage, 11kV and 33kV electricity cables are mapped running through the site. Low voltage and 11kV cables are shown leaving the Electrical Substation, with the 11kV cable going roughly south through the site, and the low voltage cable generally running north to the centre of the site.

The low voltage and 11kV cables running south out the site join a 33kV cable off-site, which then changes direction and runs roughly north-north-west throughout the site roughly following the western site boundary. Other low voltage and another 33kV cable enters the site through the northern section of the western boundary and joins the existing cable run, which all exit the site through the western side of the northern site boundary.

Gas

The received plans show LP Mains entering from the southern-western corner of the site and running through the site roughly at a north-eastern trajectory roughly to the centre of the southern half of the site.

United Utilities

A combined water and sewage pipe runs through the centre of the site, roughly striking south-west to north-east.

BT

Three BT lines are mapped onsite, located within the southern half of the site.

Service plans are presented in *Appendix C*.

2.6 Site History

Historical maps were obtained and reviewed by Sutcliffe Investigations to determine the historical development of the target site. These are presented in *Appendix A*. This enabled an assessment to be made of the potential for contamination associated with former activities, both on-site and in the surrounding areas.

It should be noted that many of the later maps contain incomplete coverage, and some discrepancies exist between later maps (such as buildings shown as demolished, then are present again on the next map etc). While the discrepancies encountered are considered unlikely to have and significant impact on the outcome of this investigation, some uncertainty in the dates of some of the mentioned activities on and off-site exists.

Onsite

The earliest available historical map (1848) shows the site to comprise sections of three separate open fields. No significant changes are noted onsite until the 1932 mapping when a small unlabelled rectangular feature is mapped along the northern boundary onsite.

Another map dated in 1932, does not have this before mentioned rectangular feature, and also shows the pit which has been shown historically to be present adjacent north-east of the boundary to have crossed the site boundary and extend a relatively short distance into the site. This pit extending on-site is no longer mapped onsite by the 1953 – 1958 mapping.

No further significant changes occur until the 1964 – 1973 mapping, at which point two relatively large buildings are mapped on-site, labelled as 'Knowle Hill View', which is positioned roughly within the southeast of the site, and 'Wheatfields' located roughly within the centre of the site. Part of an electrical substation is also mapped crossing the site boundary within the south of the site. No other significant changes occur until between 1992 and 1996 mapping, where the Wheatfields appears to have been extended. An area of car parking is apparent on the 2000 aerial photography within the southwest of the site, as well as close by the Wheatfields.

The 2006 mapping shows the building within the southeast of the site to no longer be present, and the Wheatfields building appears to have altered in footprint. No further significant changes are evident until the 2021 mapping, which no longer shows any building on site, however, some of the infrastructures are still apparent.

The 2021 aerial photography shows the site appears to be largely vegetated, with what appears to be a relict slab of the central building still occupying the centre of the site. The area of the former south-eastern building seems to show signs of vegetative stress in comparison to other vegetated areas on site.

A detailed review of the historical development of the site is presented in *Appendix D*.

Offsite

The earliest historical map dated 1848 shows the majority of the surroundings are to primarily comprise open fields with sporadic dwellings/farms. A Brick Field is located approximately 300m north-east of the site boundary, and a gravel pit is located approximately 260m northwest of the site. Four ponds are mapped within proximity to the site, located 30m northeast, 50m north, 50m south-east and 100m northwest from the site boundary.

By the 1894 mapping, many more Brick Fields are evident within the surrounding area, the closest noted started adjacent north-east from the site and extending approximately 150m northeast from the site boundary. Another Brick Field is recorded 260m southeast of the site, and a Brick Works is mapped 400m southeast of the site. The 'Victoria Mill (Cotton)' is mapped approximately 200m southwest of the site boundary. A general increase in residential housing is noted within the wider surrounding area.

By 1909, the brickworks adjacent northeast of the site is mapped as rough pasture, and the brickfield 260m southeast of the site is also now mapped as an open field. The Victoria Mill is now noted as producing 'Smallware'. 'Moss Lane Works (Printing)' is now present approximately 250m northwest of the site; by the 1910 mapping, a well is shown within the Moss Lane Works footprint.

By the 1923 mapping 'Victoria Work' is now labelled next to the Victoria Mill, with several associated 'Tanks'. Moss Lane Works has also expanded its building footprint, and is mapped with associated 'Tanks' and a 'Sand Pit'.

The 1932 mapping shows the brickfield formally adjacent northeast of the site to be mapped as a depression. Two new relatively small industrial buildings have been erected north of the site, with the 'Croft Mill (Smallware)' and the 'Albert New Mill (Cotton)' mapped 120m and 200m from the site boundary, respectively. Significant residential expansion is apparent west of the site, with the Victoria Mill and Works both no longer present, with the former footprint of the buildings now occupied by residential housing. The remaining Brick Field southeast of the site is no longer mapped. The pond formerly mapped 100m northwest of the site is no longer mapped.

By the 1964 – 1973 mapping, the ponds located at 30m northeast, 50m north and 100m south-east of the site are no longer mapped. A 'Dairy' is located 75m north of the site. Moss Lane Works is now labelled as a 'Rubber Works', and the pit adjacent northeast of the site is now mapped as flat, and by the 1970-1976 mapping two rectangular buildings are present within this area; several more buildings are apparent in the area by the 1974 – 1979 mapping.

The 1977 – 1985 mapping no longer references the Moss Lane Works, the footprint of the building appears different and the site is now referred to as a 'Warehouse'.

No other significant changes are evident throughout the historical mapping.

A detailed review of the historical development of the surrounding land uses is presented in *Appendix D*.

2.7 Environmental Database

A commercial database search (provided by Envirocheck) was obtained to provide further information regarding the site and the surroundings. Relevant information and records are summarised below:

Contaminated Land Entries

The database has no contaminated land entries within 500m of the site.

Environmental Permitted Activities

According to the database, there is one (1 No.) Controls Local Authority Pollution Prevention and Controls, located 109m northeast and relates to waste oil burners, with the certificate having been surrendered by the operator.

No Local Authority Integrated Pollution Prevention and Controls are noted within 500m of the site.

Hazardous Substances Sites

According to the database, there are no v-registered sites, Planning Hazardous Substances Consents or NIHHS sites within 500m of the site.

Substantiated Pollution Incident Register

According to the database, there have been no substantiated pollution incidents within 500m of the site.

Landfill Sites

According to the Envirocheck Report there are;

-  No Registered Landfill sites within 1000m of the site.
-  No Historic Landfill sites within 1000m of the site.
-  No BGS Recorded Landfill within 1000m of the site.
-  No Local Authority Recorded Landfill sites within 1000m of the site.

Infilled Land

There are two (2 No.) records of Potentially Infilled Land (Non-Water) within 250m of the site, with one of the recorded being onsite, and the other 119m north of the site, both of which relate to Unknown Filled Ground.

There are nine (9 No.) records of Potentially Infilled Land (Water) within 250m of the site, with one of the entries noted onsite, with the other entries noted from 37m to 240m from the site boundary. All of the entries are noted as Unknown Filled Ground.

Waste Management Facilities

No waste management facilities are noted within 500m of the site boundary.

Radioactive Materials

According to the Envirocheck Report, there are no authorisations for radioactive substances in the surrounding area.

Fuel Stations

According to the database, there are no petrol or fuel station entries within 500m of the site.

Contemporary Industrial Land Uses

According to the database, there are twenty-one (21 No.) entries located within 250m of the site, starting from 11m from the site boundary.

Of note, these include multiple car dealerships, printers, cleaners, car body repairers, dairies, garage services, MOT test centres, metal works, furniture manufactures, firefighting equipment.

Underground Pipelines and Transmission Assets

A search of the Linesearch database was undertaken on 7th September 2021. This database lists pipelines owned and/or operated by over 40 pipeline and transmission operators, but not all operators are registered.

According to the database, Cadent Gas, Electricity North West Limited and National Grid Electricity Transmission all have services onsite. (*Appendix C*).

2.8 Historical Contamination Potential

Site

Historical maps have indicated that the site has previously been developed, and evidence of this remains with the slab of the building previously noted within the centre of the site still be present onsite. Localised Made Ground is anticipated associated with the previous development of unknown composition, though it is not expected to be particularly deep. Areas of car parking were noted from the aerial photography, which may have resulted in hydrocarbon contamination from leaking vehicles.

An area of infilled land is present within the north-west of the site, the nature of the backfilled material and the depth is unknown. A backfilled watercourse is alluded to within the Envirocheck Report, however, no evidence of this is noted throughout the historical mapping.

With the exception of Made Ground likely being present onsite, both associated with the former development and in the area of infilled ground in the north-east of the site, together with potential limited hydrocarbon contamination, the potential for significant contamination to have arisen at the site as a result of the current and former usage on site is considered to be low.

Surrounding Area

Industry exists within the surrounding area which has the potential to generate contamination that may migrate to the site, however, due to the presence of Glacial Till within the surrounding area, migration potential is considered to be relatively limited.

Therefore, the potential for off-site sources of contamination to impact the site is considered low - moderate.

3 Environmental Setting

3.1 Introduction

Desk-based research of the local geology, hydrogeology, hydrology and ecology was carried out in order to establish the potential for migration of contamination onto or away from the site, and to assess the surface water and groundwater sensitivity of the surrounding area. Information was obtained from a number of sources, namely:

-  Inspection of the British Geological Survey (BGS) Geology of Britain Viewer;
-  Examination of the EA's online aquifer classification;
-  Inspection of the MAGIC interactive map service;
-  A review of online web-based information searches;
-  A review of previous site investigation reports pertaining to the site; and
-  A review of publicly available information.

3.2 Geology & Soils

Soils Chemistry – Rural

The environmental database also presents an estimation of the rural background soil chemistry within the site area.

-  Arsenic – 15 - 25mg/kg
-  Cadmium - <1.8mg/kg
-  Chromium – 90 - 120mg/kg
-  Lead – 100 - 200mg/kg
-  Nickel – 15 - 30mg/kg

Reference to the data presented suggests that the majority of metals concentrations are generally anticipated to be below current tier 1 assessment criteria in relation to human health effects.

Artificial Ground

There are no records of any artificial ground on-site or within 500m of the site boundary.

Superficial Deposits

The superficial deposits for the site are noted as Devensian Till, typically comprising gravelly sandy CLAY, with occasional sand bands and/or horizons.

Solid Geology

The majority of the site is underlain by the Pennine Middle Coal Measures Formation, typically comprising interbedded Mudstone, Siltstone, Sandstone and Coal seams. Within the northwestern-most area of the site having the Chester Formation mapped, which typically comprises Sandstone.

According to the BGS Geology of Britain Viewer and the relevant British Geological Survey (BGS) Solid and Drift Sheets 85 Manchester (1999) at a scale of 1:50,000 the following geological succession has been identified.

Table 3.1: Geology

Strata	Description	Age	Rock / Soil Type
Superficial Geology	Glacial Till	Devensian	Diamicton, typically clay dominated
Solid Geology	Pennine Middle Coal Measures / Chester Formation	Carboniferous	Mudstone, Siltstone, Sandstone & Coal / Sandstone

Faults

Two faults have been identified within the development site boundary; foundation design may have to take this into consideration. Two other faults are located within 500m of the site.

British Geological Society (BGS) Logs / Records

There are several BGS borehole scans off-site, starting roughly adjacent to the western boundary and moving south-west away from the site.

The closest (Ref: SD80NW54/B) HAS 'No Sample' from ground level to 3.00m, following which coal is noted to approximately 3.80m, below which interbedded Siltstone, Sandstone, Mudstone and 'small amount of coal' are recorded to 32m bgl. The other boreholes record similar findings.

Ground Stability

Table 3.2 below summarises the natural hazards information presented in the Envirocheck Report.

Table 3.2: Potential Natural Hazards

Natural Hazard	Hazard Potential
Shrink - Swell Clays	Very Low
Landslides	Very Low
Soluble Rocks	No Hazard
Compressible Deposits	No Hazard
Collapsible Deposits	Very Low
Running Sands	Very Low

3.3 Coal Mining & Brine Subsidence

The site does fall within a coal mining area. Based on the Coal Mining Report (*Report Reference: 51002673821001*) the following is of note:

-  The site is not within the zone of likely physical influence from past present underground coal mining.
-  The site is not within an area where the Coal Authority has received an application, is currently considering or has granted a licence relating to the removal of coal by underground methods. Notwithstanding this, coal reserves exist within the local area which could be worked at some point in the future.
-  There are no known coal mining entries on or within 20m of the site.
-  The site is not aware of any evidence of damage arising due to geological faults or other lines of weakness that have been affected by coal mining.
-  The property is not within the boundary of an opencast site from which coal has been removed by opencast methods in the past, present or future.
-  There is no record of mine gas emissions requiring action by the Coal Authority.

The potential risks to the development of the site from historic coal workings and remediation to these features as identified within the Coal Authority Report are summarised below in Table 3.3.

Table 3.3: Potential Coal Mining Issues

Coal Mining Issues	Yes	No	Risk Assessment
Underground coal mining (recorded at shallow depths)		✓	Not required
Underground coal mining (probable at shallow depths)		✓	Not required
Mine Entries (shafts and adits)		✓	Not required
Coal mining geology (fissures)		✓	Not required
Record of past mine gas emissions		✓	Not required
Recorded coal mining surface hazard		✓	Not required
Surface mining (opencast workings)		✓	Not required

A full copy of the Coal Authority Mining Report can be found in *Appendix E*.

3.4 Radon

According to the Envirocheck Report, the site is not within a radon affected area, as <1% of homes are above the action level. No radon protection measures are necessary in the construction of new dwellings or extensions.

3.5 Hydrogeology

Across the majority of the site, the Pennine Middle Coal Measures are mapped, which is classified as a Secondary A Aquifer. The Chester Formation, mapped within the north-west of the site, is classified as a Principal Aquifer.

The Superficial Deposits are classified as Secondary Undifferentiated Aquifer.

The Envirocheck Report indicates that the site is not located within a Groundwater Source Protection Zone (SPZ).

There are two (2 No.) groundwater abstraction points listed in the Envirocheck Report within 2000m of the site. There are recorded 530m north and 578m north-west of the site and are both active.

3.6 Hydrology

The following is of note:

-  The nearest surface water feature is noted 206m south-east of the site, relating to an unnamed watercourse.
-  There are three (3 No.) recorded pollution incidents to controlled waters listed in the Envirocheck Report. These are located 67m east, 277m east and 443m north of the site, and are all classified as Category 3 -Minor Incidents.

-  There is one (1 No.) surface water abstraction listed within the Envirocheck Report within 2000m of the site, noted 530m northeast of the site.
-  There are no biological quality records noted within 500m of the site.
-  There are no chemical quality records noted within 500m of the site.

3.7 Flood Risk

According to the Envirocheck Report the site is not within 250m of an area at risk from extreme flooding from rivers or sea without defences.

3.8 Sensitive Land Uses

Ecological Receptors

The Envirocheck database was queried to locate Sites of Special Scientific Interest (SSSI), Special Protection Areas (SPAs), Special Areas of Conservation (SACs), Ramsar Sites, National Nature Reserves, Areas of Outstanding Natural Beauty (AONB), National Parks and Local Nature Reserves within 1000m of the site.

-  There are no Special Areas of Conservation within 1000m of the site.
-  There are no Special Protection Areas within 1000m of the site.
-  There are no Ramsar Areas within 1000m of the site.
-  There are no records of Ancient Woodlands within 1000m of the site.
-  There are no Local Nature Reserves within 1000m of the site.

Significance of Environmental Setting

The significance of the environmental setting is considered by Sutcliffe Investigations to be as follows:

-  **Groundwater [LOW-MODERATE SENSITIVITY]** – The site is situated in an area of low-moderate sensitivity with respect to groundwater resources due to the presence of a Principal and Secondary A Aquifer beneath the site. However, this sensitivity is reduced by the presence of an Unproductive Aquifer capping the more sensitive aquifers, absence of any abstractions (sensitive or otherwise) within the immediate vicinity of the site.
-  **Surface Water [LOW SENSITIVITY]** – With respect to surface water resources, the site is considered to be located in a low sensitivity setting.
-  **Flood Risk [VERY LOW SENSITIVITY]** – The site is not within 250m of an area at risk of extreme flooding from rivers or sea without defences.

 **Sensitive Land Uses [LOW SENSITIVITY]** – With respect to sensitive land uses such as protected habitats, protected sites, protected buildings and sensitive receptors, the site is considered to be located in a low sensitive setting.

4 Preliminary Qualitative Risk Assessment

4.1 Conceptual Site Model (CSM)

A conceptual model is an essential element of any site-specific environmental risk assessment. In this context, they are often simple representations of the hypothesised relationships between sources, pathways and receptors. For the purpose of this report, a basic conceptual model has been developed based on the principles of LCRM and interpretation of information gathered during the Phase I review. Thus, this allows the identification of potential contaminant linkages and whether these linkages have the potential to comprise significant harm and/or pollution of controlled waters in relation to the site. Based on this interpretation, the implications for potential liability associated with soil or water contamination at the site can be evaluated.

-  **SOURCES** – the identification of contaminants within the soils and groundwater that represent potential pollution sources;
-  **PATHWAYS** – the identification of the potential exposure mechanisms and migration pathways from the potential sources; and
-  **RECEPTORS** – the identification of the potential receptors that could be sensitive to harm if exposed to these pollution sources.

Collectively, each of these scenarios would be considered a potential pollutant linkage that may require further assessment.

A preliminary conceptual model is presented below (*Table 4.5*) in accordance with the guidance outlined within LCRM.

Identification of Potential Sources

Based on the information from the desk study, historical maps, published information, and a site walkover a summary of potential contaminant sources is provided in *Table 4.1*.

Table 4.1: Potential Sources

Reference	Potential Sources (Onsite)	Potential Contaminants
S1 – Onsite	Made Ground associated with the Former buildings onsite & backfilled pit within the north-east of the site. Hydrocarbon leaks from former vehicle parking.	All metals, PAHs, asbestos hydrocarbons and oils, and permanent and volatile ground gas.
S2 – Off-Site	Infilled Ground & Surrounding Industry	All metals, PAHs, hydrocarbons and oils, PFAS and permanent and volatile ground gas.

S1

The site is at least partially cover with Made Ground, specifically in the areas where the former developments were present and within the area of the backfilled pits within the north-east of the site.

The pits appear to have been backfilled by 1963, due to the age of the backfill if the Made Ground was producing any ground gas, it will likely have off-gassed by the present day, and as such is likely no longer a viable source of permanent gases.

By its nature, Made Ground can contain a wide range of potential contaminants that can pose a risk to human health if present and in significant quantities. The composition of the Made Ground is currently unknown, and as such, there is uncertainty as to whether the Made Ground poses a risk to the proposed future site users.

Any hydrocarbon spills that may be present will by their nature pose a risk to human health.

S2

Multiple instances of infilled ground are noted within the surrounding area, including both multiple ponds and backfilled pits related to historic brickfields and brickworks. Such backfilled depression may act as a source of permanent ground gas, dependent on the age of the backfill and the composition of the material used for the backfill. It appears that backfilling within the area had been completed by 1963, and as such, any potential gas generation would likely have ceased by the present day.

Multiple potential contaminative industrial land uses are noted within the surrounding area which has the potential to produce contamination with the potential for migration.

Potential Exposure Pathways

Exposure pathways are the potential routes and mechanisms by which potential on-site sources could be linked to the identified potential receptors and thereby expose them to potential harm.

The following potential exposure pathways have been identified at the site:

Table 4.2: Potential Pathway

Ref	Pathway	Description
P1	Direct contact with potential contaminants.	Dermal absorption, ingestion and inhalation of contaminants via direct contact.
P2	Ingestion of potential contaminants.	Construction workers may come into contact during the site works; however, this will be for a short time and therefore limited exposure will occur. PPE can be used Construction workers may come into contact during the site works, however this will be for a short time and therefore limited exposure will occur.
P3	Inhalation of potential contaminants.	

Ref	Pathway	Description
P4	Leaching and migration of contaminants.	Leaching of possible contaminants could migrate into the underlying Principal & Secondary A via shallow groundwater. On-site drainage is also at risk from shallow contamination, if present.
P5	Vertical and lateral migration of ground gases / vapours.	There is the potential for contaminants to be present on the site, which could generate ground gas & vapours on site.

P1 – P3

If Made Ground of unknown composition is left in situ at or near ground level (for example in garden areas of the proposed development), the proposed end-users will likely be exposed to the Made Ground.

P4

Across the majority of the site, it is anticipated that a substantial thickness of cohesive Glacial Till is likely to be present, which will inhibit the downward migration of any leachable and / or hydrocarbon contamination due to its inherent impermeability.

The exception to the above is within the north-eastern area of the site, where the former pit may have removed the Glacial Till and potentially exposing the Chester Formation, notable as being a principal aquifer. Should this scenario be true, Made Ground containing potentially leachable contaminants could be in hydraulic conductivity with the Principal Aquifer.

The impermeable Glacial Till may facilitate lateral migration of offsite contaminants to the site, however, this is generally considered unlikely given the distances at which the potentially contaminative sources are noted.

The exception to the above is the industrial / commercial area noted adjacent north-east of the site, which is placed upon the same backfilled area as noted within the north-east of the site. As such there is potential for any below-ground contamination to migrate on to the site within the area of backfilled area, however, further migration across the site is again considered likely to be retarded by the presence of the cohesive Glacial Till.

P5

Pathways are envisioned for onsite sources of permanent and volatile gases as the new building to be erected onsite will likely be at least in part placed upon the Made Ground expected to be present at and / or near to the surface in places across the site thought to potentially contain such gases.

Pathways for offsite Ground Gas sources are considered unlikely given the widespread Glacial Till within the area likely inhibiting lateral gas migration.

Potential Receptors

Based on the site's environmental setting and the proposed future end use of the area following redevelopment, the following potential receptors have been identified:

Table 4.3: Potential Receptors

Ref	Receptor	Description
R1	Current & future site users	Site users; personnel, general workers and maintenance workers,
R2	Construction Workers	Contractors working on the development of the site. Construction workers, maintenance workers or other personnel who may be directly exposed to contaminated materials in the course of their activities).
R3	Controlled Waters	Principal & Secondary A and onsite drainage.
R4	Adjacent Site Users	Adjacent site users. Third-party land (i.e. the possibility of contamination migrating off-site onto third party land via contaminated groundwater, surface water run-off).
R5	Infrastructure / Buried services	Proposed buildings and buried services

NOTE: ground workers (i.e. If the site were redeveloped, any associated activities may bring site personnel and construction workers into contact with potentially contaminative materials, however, it is considered that the risks to workers will be short term and could be controlled by safe working procedures.

Potential Contaminant Linkages

In order for there to be a plausible contaminant linkage there must be a source, receptor and pathway and a feasible linkage between them (a contaminant linkage). Consequently, even where a contaminant is identified, if there is no pathway for the contamination to reach a receptor, or no receptor then there can be no significant risk and remedial actions are not required.

Central to this risk assessment process is the development of a 'conceptual model'. This is a descriptive and/or pictorial representation of the area of potential contamination, the surrounding environment and the processes acting on the contaminants by which they can move and come into contact with receptors (e.g. by leaching and migration into groundwater).

Production of a conceptual model requires an assessment of risk to be made. Risk is a combination of the likelihood of an event occurring and the magnitude of its consequences. Therefore, in order to assess risk both the likelihood and the consequences of an event must be taken into account. This report adopts the methodology for risk evaluation presented in CIRIA report C552 'Contaminated Land Risk Assessment – A Guide to Good Practice', 2001. The method is qualitative and involves the classification of the following:

-  the magnitude of the potential severity or consequence of the risk occurring (Table 4.4);
-  the magnitude of the likelihood or probability of the risk occurring (Table 4.5); and

 once the likelihood of an event occurring and its severity have been classified, a risk category can be assigned using Table 4.6.

Table 4.4: Classification of consequence

Classification	Definition
Severe	Acute risks to human health, catastrophic damage to buildings/property, major pollution of controlled waters.
Medium	Chronic risk to human health, pollution of sensitive controlled waters, significant effects on sensitive ecosystems or species, significant damage to buildings or structures.
Mild	Pollution of non-sensitive waters, minor damage to buildings or structures.
Minor	Requirement for protective equipment during site works to mitigate health effects, damage to non-sensitive ecosystems or species.

Table 4.5: Classification of Probability

Classification	Definition
High Likelihood	There is a pollution linkage and an event that either appears very likely in the short term and almost inevitable over the long term or there is evidence at the receptor of harm or pollution.
Likely	There is a pollution linkage, and all the elements are present and in the right place, which means that it is probable that an event will occur. Circumstances are such that an event is not inevitable, but possible in the short term and likely over the long term.
Low Likelihood	There is a pollution linkage and circumstances are possible under which an event could occur. However, it is by no means certain that even over a longer period such event would take place and is less likely in the shorter term.
Unlikely	There is a pollution linkage, but circumstances are such that it is improbable that an event would occur even in the very long term.

Table 4.6: Risk Assessment Matrix

Consequence				Probability
Severe	Medium	Mild	Minor	
Very High Risk	High Risk	Moderate Risk	Moderate / Low Risk	
High Risk	Moderate Risk	Moderate / Low Risk	Low Risk	
Moderate Risk	Moderate / Low Risk	Low Risk	Very Low Risk	
Moderate / Low Risk	Low Risk	Very Low Risk	Very Low Risk	Unlikely

Sutcliffe have devised a conceptual model based on the information obtained to date through the desk-based study and future residential usage of the site. This is detailed in tabular format in *Table 4.7* and pictorially in *Figure 4*.

1. Hazard Identification		2. Hazard Assessment				3. Risk Estimation		4. Risk Evaluation	5. Managing the Risk
Contaminant Source		Pathway		Receptor		Consequence	Probability	Classification	Action required
S1 S2	Onsite Ground Hydrocarbons / Offsite Ground Surrounding Industry Made & Infilled &	P1	Dermal contact	R1/2	Site users	Medium	Likely	Moderate Risk	Made Ground anticipated onsite which may contain a range of contaminants, which, if left in situ, may pose a risk to the proposed site end-user.
		P2	Ingestion of soil / soil dust	R1/2	Site users	Medium	Likely	Moderate Risk	
		P3	Inhalation of potential contaminants	R1/2	Site users	Severe	Likely	High Risk	Possibility of offsite contaminants migrating onsite, particularly in the north-east of the site in the backfilled pit area.
		P4	Leaching and migration of contaminants	R3/5	Principal Secondary & A Aquifers	Medium	Low Likelihood	Moderate / Low Risk	A relatively small area of backfilled material potentially backfilled with contaminated Made Ground present in the north-east of the site which may be in hydraulic conductivity with the underlying principal aquifer.

		P5	Lateral migration of soil gas / vapours	R1	Site users	Severe	Unlikely	Moderate / Low Risk	Potential sources present but deemed unlikely due to age of backfill likely resulting in any potential off-gassing having likely ceased by the present day.
				R4	Property	Severe	Unlikely	Moderate / Low Risk	Widespread Glacial Till likely to inhibit migration of any generated gas to/across site. Possibility of localised hydrocarbons perched / pooled near-surface on impermeable Glacial Till possible.

Table 4.7: Preliminary Conceptual Site Model

Potential contaminant linkages that have been identified as moderate or higher will need to be assessed further. This can be in the form of additional research into the actual plausibility of the contaminant linkage or by the actual site measurements. This can be in the form of soil sampling and vapour monitoring to assess the actual conditions.

5 Conclusions and Recommendations

5.1 Introduction

Sutcliffe Investigations were instructed by Onward (the Client) to provide a Phase I PRA report. The purpose of the report is to generate preliminary environmental assessment data for submission with a future planning application for the redevelopment of the site.

This comprised a review of the Phase I PRA data, collection of environmental information and reports undertaken on the site.

5.2 Environmental Risk Assessment Findings

The site is irregular in shape and is bordered primarily by residential properties, with commercial / industrial properties adjacent north-east. The site currently consists of a vacant piece of land, largely vegetated with apparent relict concrete slabs from previous developments.

The development history of the site has not identified a significant source of environmental concern, and information contained within the environmental database has not highlighted any major concerns. The site is underlain by a Principal and Secondary A Aquifer for the bedrock, with Unproductive Stratum for the superficial deposits.

Taking the above into account, it is considered that there is a low potential for significant contamination to be present, however, it is considered that localised contamination may represent a risk to long term human health and also with the potential for leaching of contaminants into controlled waters may be present. Consequently, the environmental risk setting for the site is considered to be low.

5.3 Classification and Land Use Risk

The site can be accessed via Victoria Road to the south of the site. The site is located at the eastern end of Victoria Avenue and is roughly rectangular in shape. The site was home to a former extra care facility which was demolished within the past ten years with the only remnant being the main access road.

The site is covered in overgrown vegetation consisting of young trees, bushes brambles and areas of grass. The site is generally flat however the far northwestern third of the site is covered in a large ridge of high ground, approximately 3m to 4m higher than the rest of the site, again this ridge is covered in overgrown vegetation

There is a small amount of fly tipping and some of the existing manholes have had their covers removed.

Historical maps initially indicate that off-site the surrounding land comprised fields, brick pits and ponds, which over time progressed to a predominantly residential setting with some industry present.

The classification of risk is as follows:

-  Class 1 Area: Potential for High levels of contamination and migration of contamination off the site;
-  Class 2 Area: Potential for Medium levels of contamination and migration of contamination off site;
-  Class 3 Area: Potential for Low levels of contamination and migration of contamination off site; and
-  Class 4 Area: Potential for limited contamination.

The Phase I PRA has not highlighted significant areas of concern and therefore, the site is deemed to be Class 3 – Low Risk.

5.4 Geotechnical Uncertainty

The site has been subject to previous development and therefore, the potential for relic foundations and obstructions cannot be discounted.

A near-surface coal seam has been shown close to the site in a historic borehole which may outcrop onsite.

Potential for deep Made Ground exists within the area of the former pit in the north-east of the site which may have implications for the foundation design in the area.

Two faults are present onsite which may have implications for the foundation design dependent on the thickness of the superficial deposits.

5.5 Conclusions and Recommendations

Based on the findings of the Phase I PRA review, Sutcliffe Investigations do not consider there to be any identifiable significant environmental issues regarding the site, however, the possibility for localised contamination exists onsite which may pose a risk to the proposed end-user. There is also limited information of the ground for geotechnical properties and as such we would therefore recommend the following sequential works are undertaken:

-  Submission of this Phase I PRA Report for the benefit of validating the outline planning application.
-  Commission a Coal Mining Risk Assessment (CMRA).

-
-  Commission a Phase II Ground Investigation designed to discharge any contaminated land conditions that may be assigned to the site and allow the design of economic foundation solutions.
 -  Correspondence with the utility company that owns the 33kV cables running through the site, which may have implications for the redevelopment of the site.

Appendix A: Envirocheck Report (*Report Reference: 284482743_1_1*)

Groundwater Vulnerability

General

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

Agency and Hydrological

Bedrock Aquifers

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

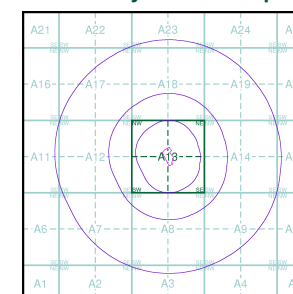
Superficial Aquifers

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

 Unproductive Aquifer

 Soluble Rock

Site Sensitivity Context Map - Slice A

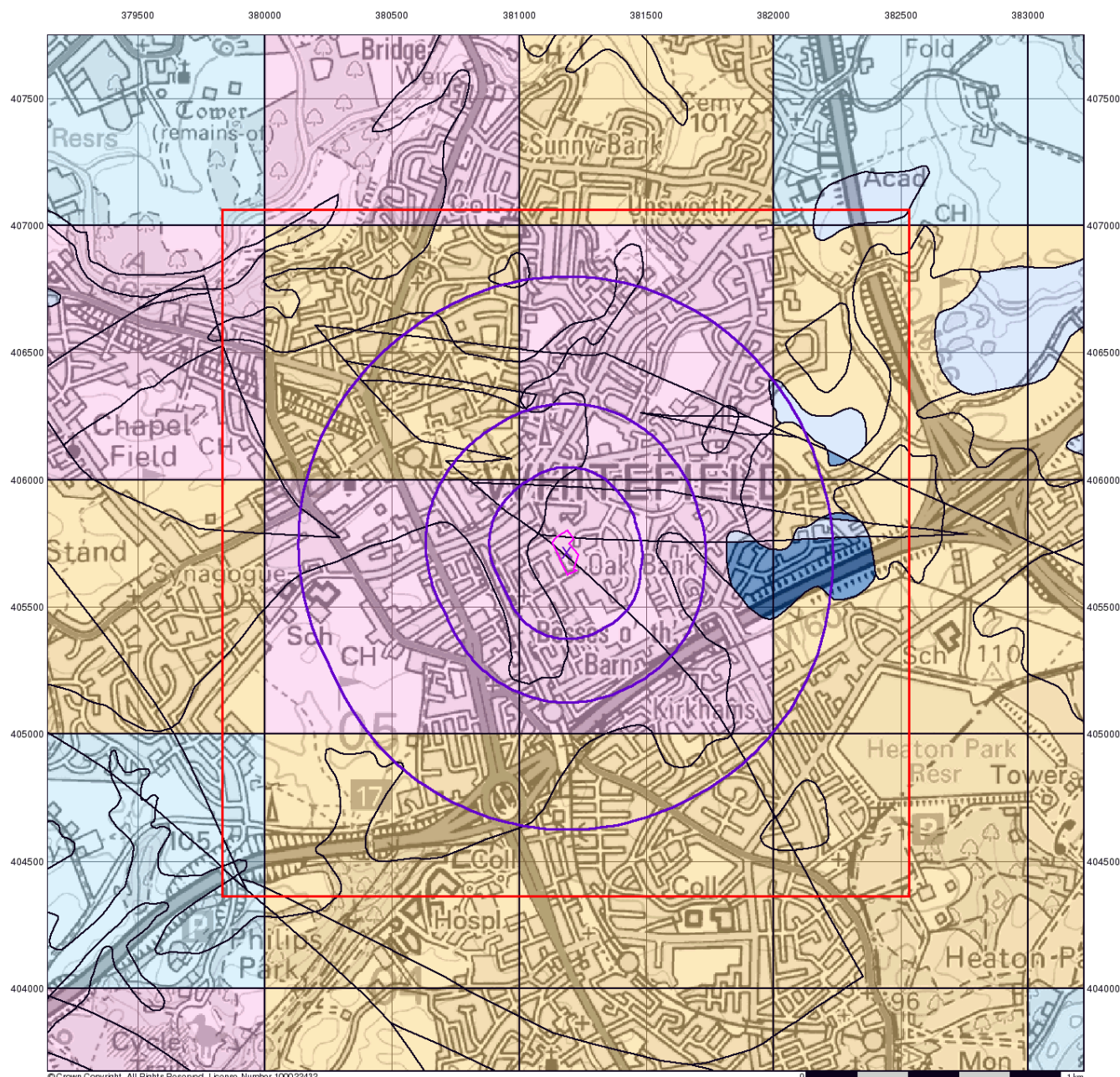


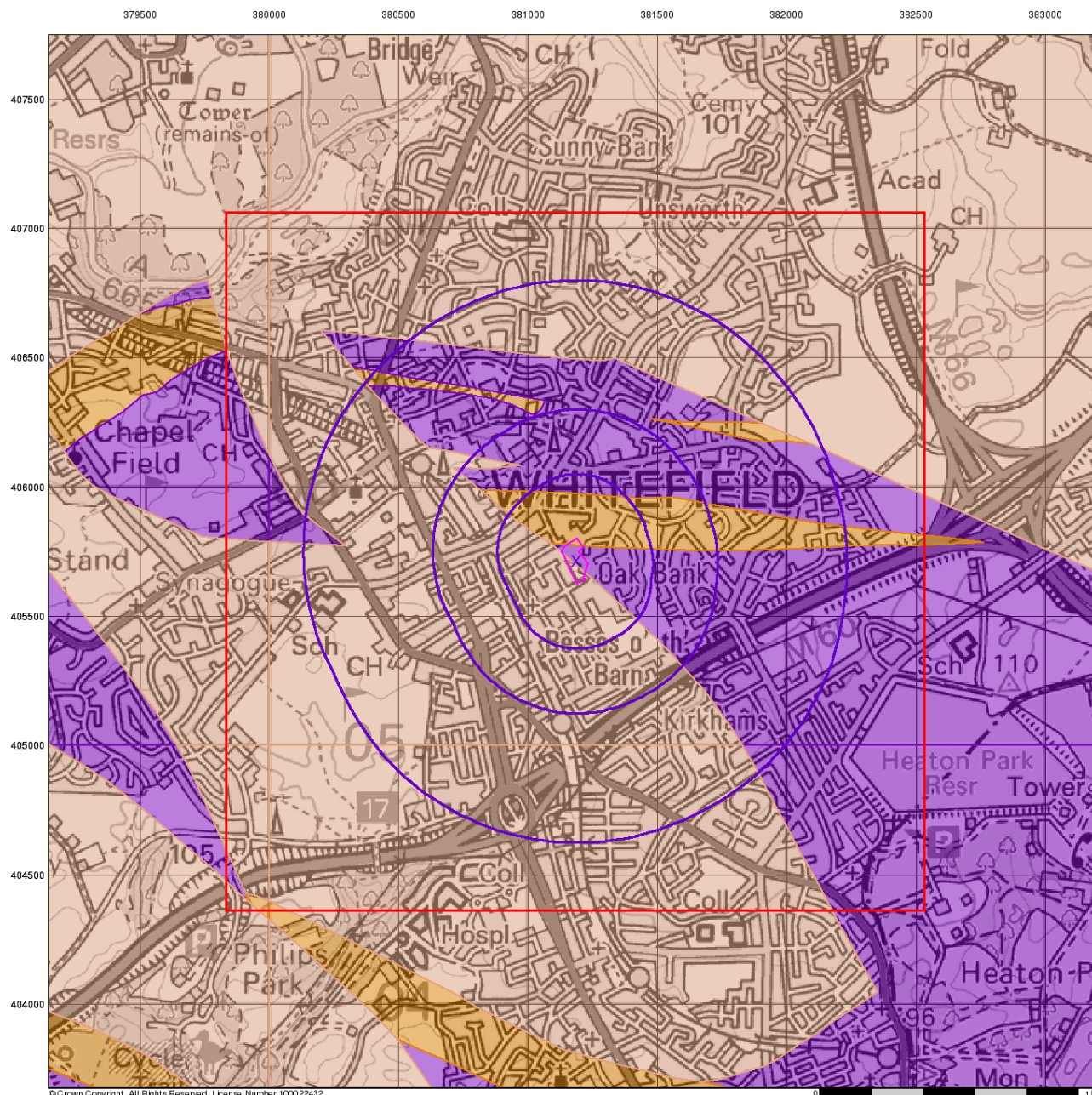
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 National Grid Reference: 381190, 405710
 Slice: A
 Site Area (Ha): 0.97
 Search Buffer (m): 1000

Site Details

11, Oxford Avenue, Whitefield, MANCHESTER, M45 6DQ





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0 1 km



Bedrock Aquifer Designation

General

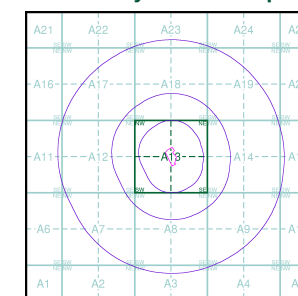
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

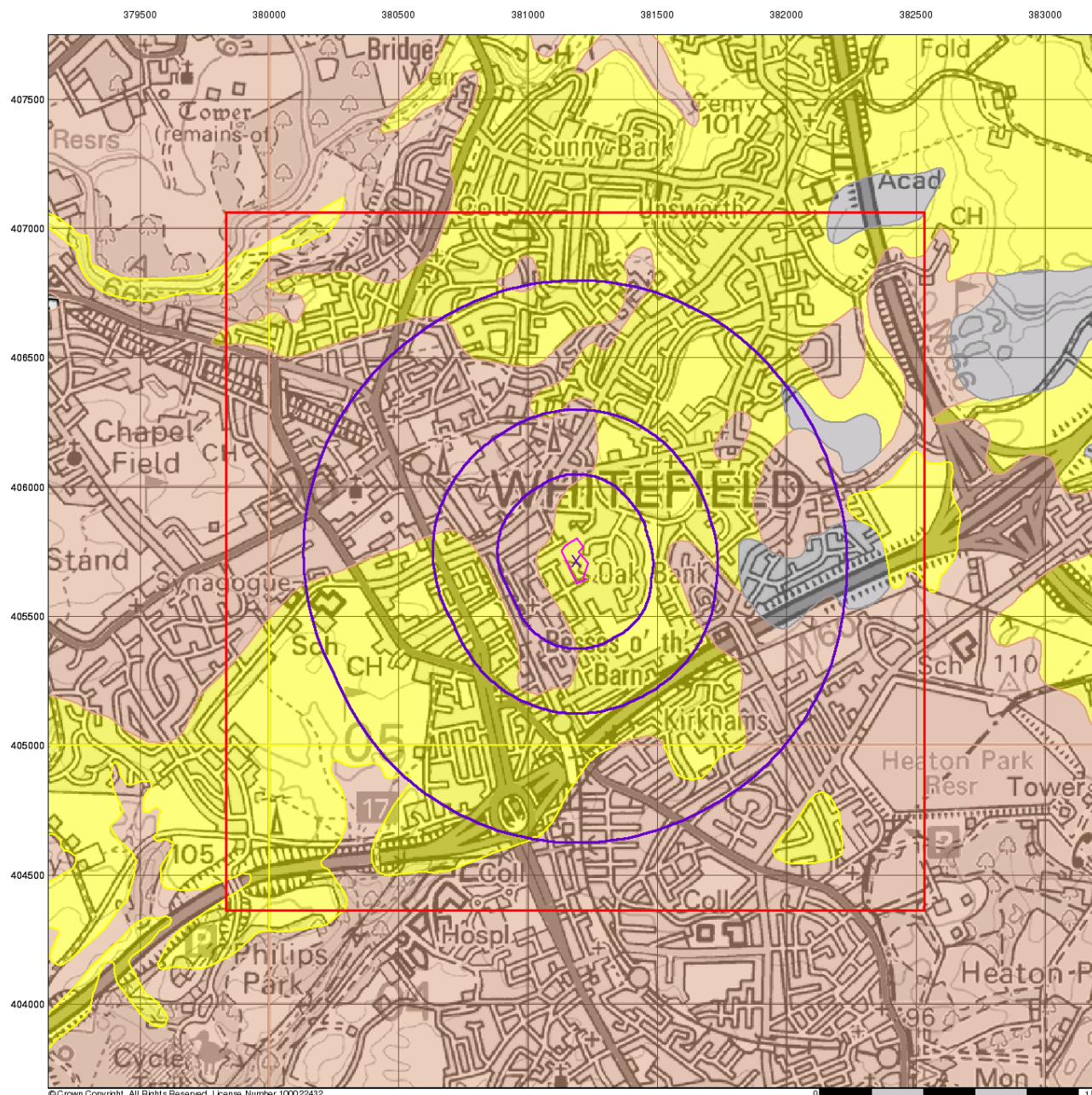
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0 1 km



Superficial Aquifer Designation

General

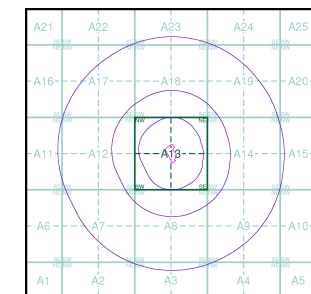
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- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

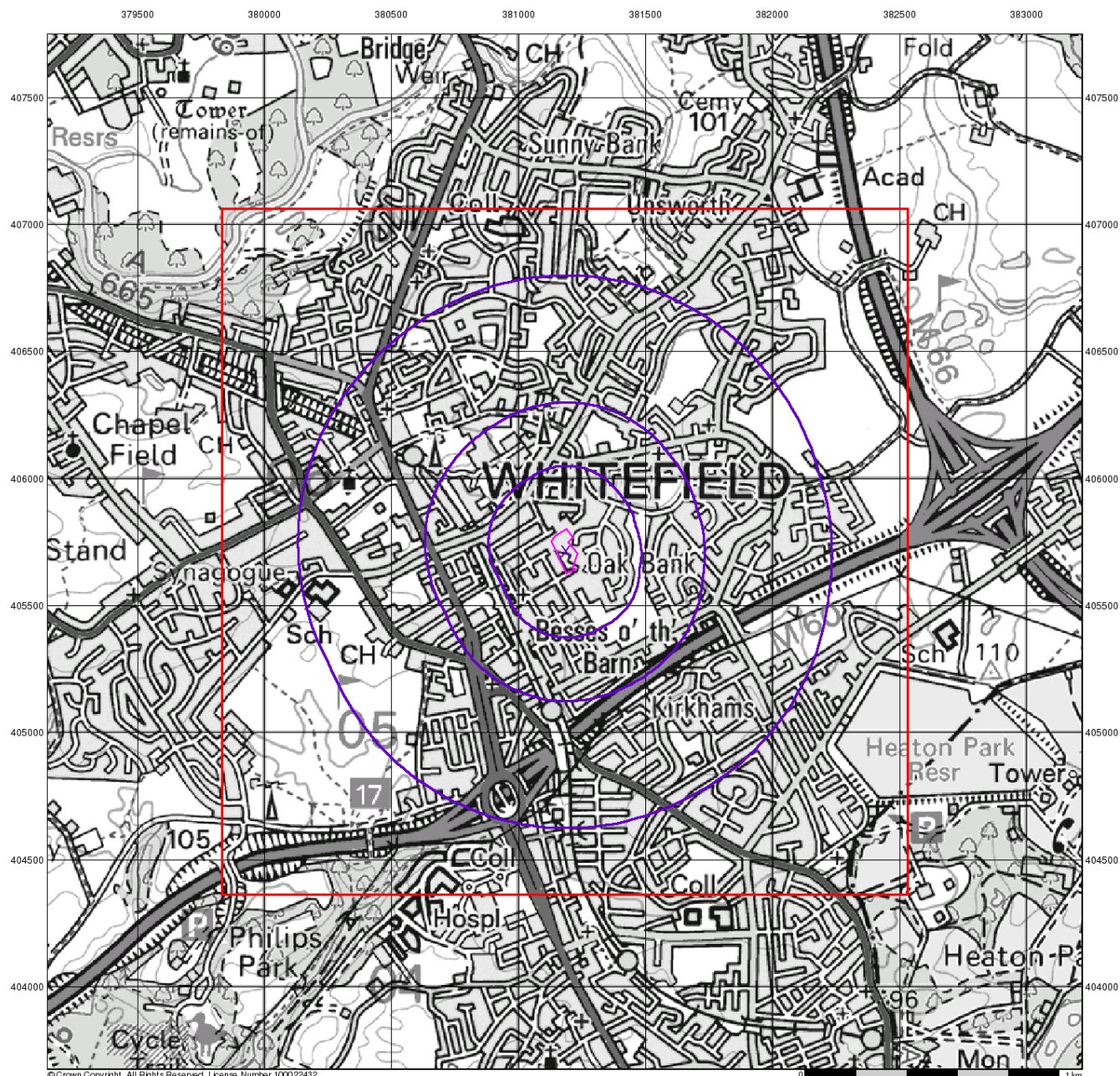
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 Search Buffer (m): 1000

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Source Protection Zones

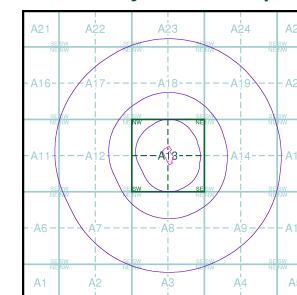
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A



Order Details

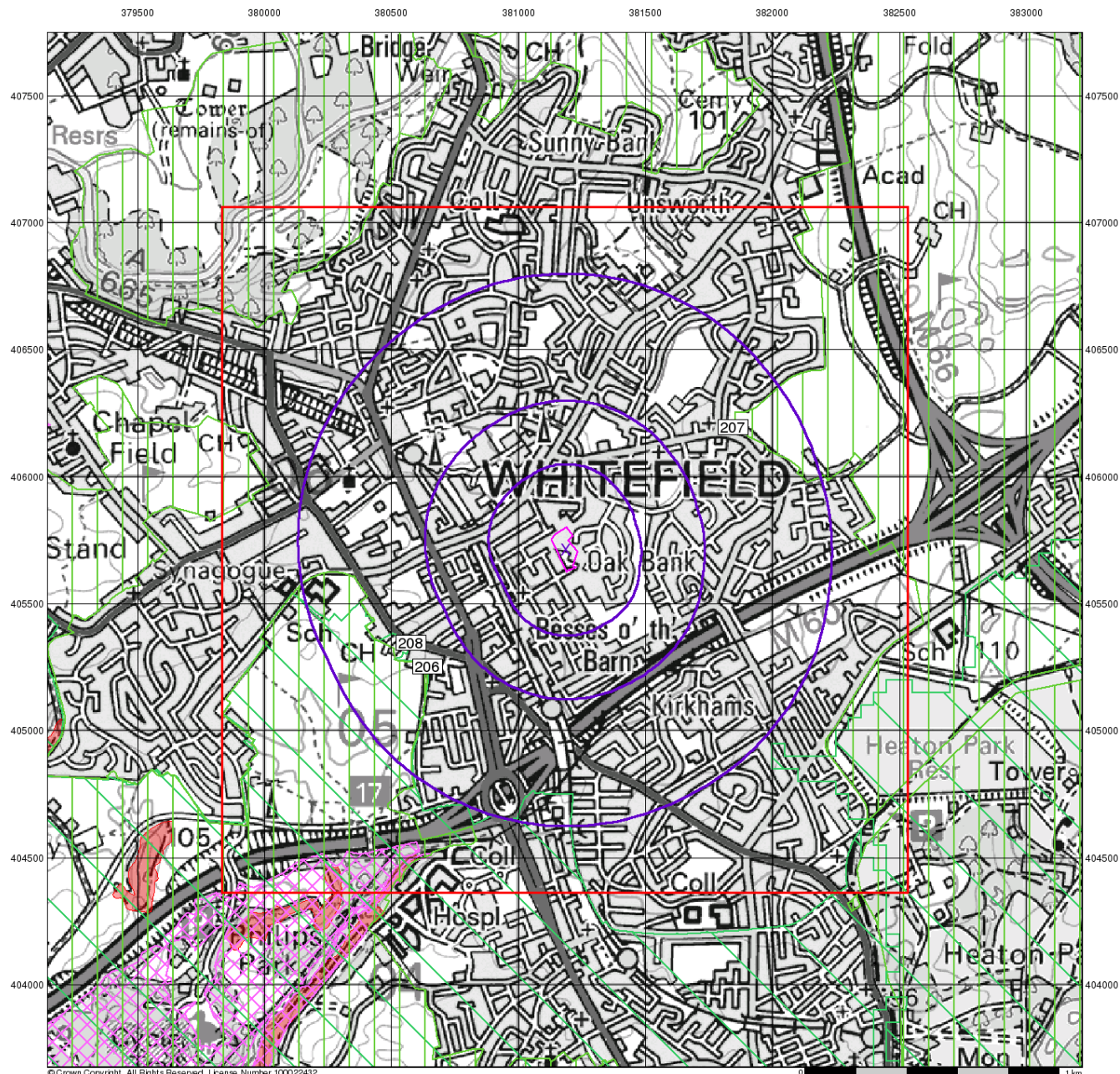
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 Search Buffer (m): 1000

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Sensitive Land Uses

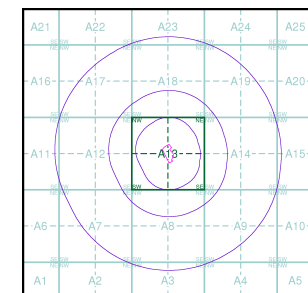
General

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

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice A



Order Details

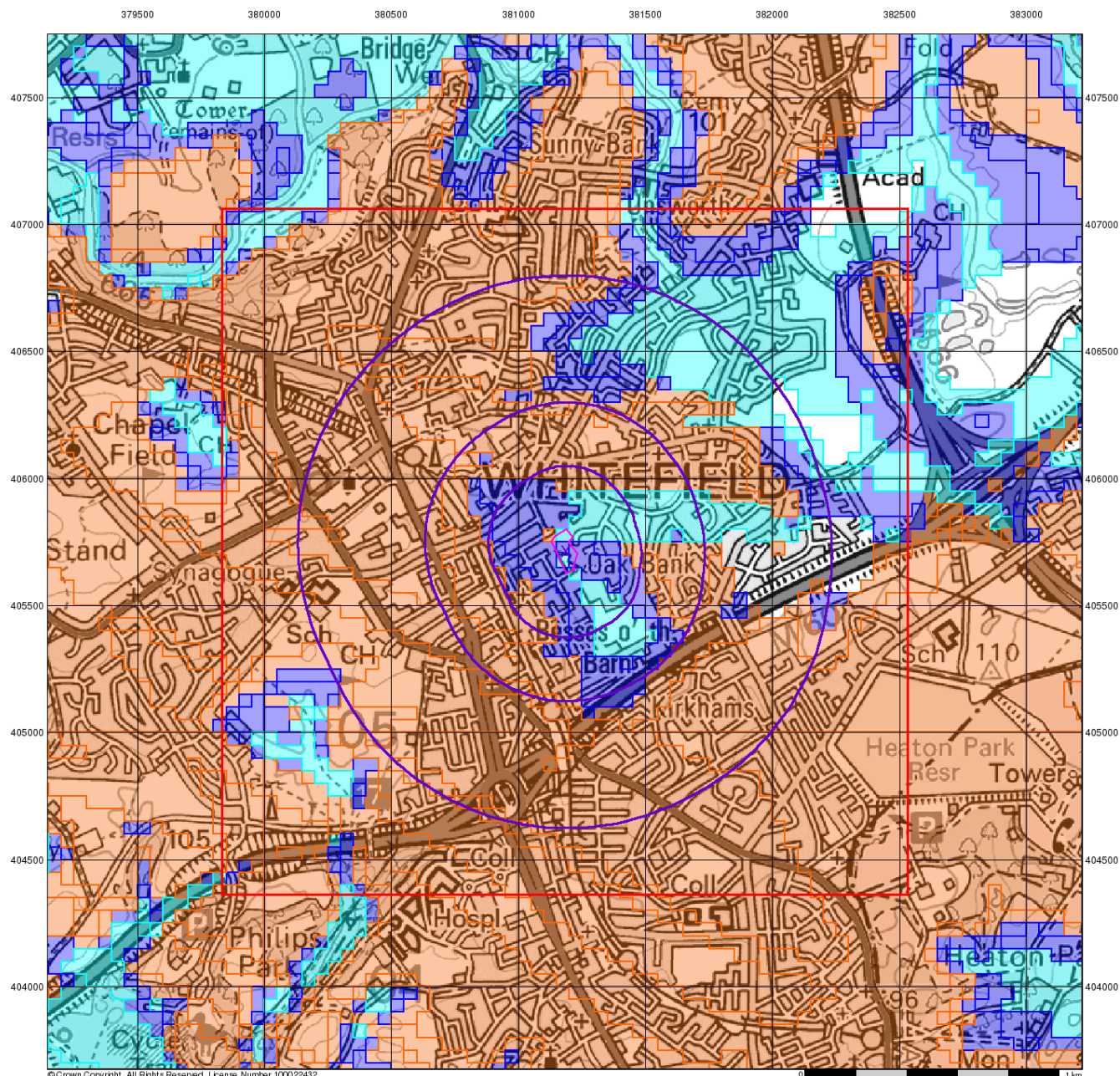
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BGS Flood GFS Data

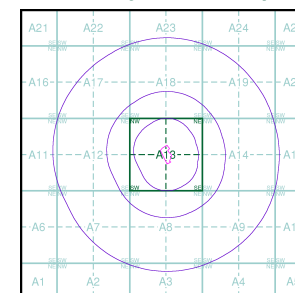
General

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

Agency and Hydrological (Flood)

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

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 284482743_1_1
 Customer Ref: 31990
 National Grid Reference: 381190, 405710
 Slice: A
 Site Area (Ha): 0.97
 Search Buffer (m): 1000

Site Details

11, Oxford Avenue, Whitefield, MANCHESTER, M45 6DQ



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

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

284482743_1_1

Customer Reference:

31990

National Grid Reference:

381190, 405710

Slice:

A

Site Area (Ha):

0.97

Search Buffer (m):

1000

Site Details:

11, Oxford Avenue

Whitefield

MANCHESTER

M45 6DQ

Client Details:

MR W Baldwin

Sutcliffe Projects Ltd

18-20 Harrington Street

Liverpool

L2 9QA

Report Section	Page Number
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Waste	14
Hazardous Substances	-
Geological	18
Industrial Land Use	30
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Introduction

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

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2				3
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 3		1		1
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 3		Yes		
Pollution Incidents to Controlled Waters	pg 3		1	2	2
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 4				9 (*19)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 11	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 12	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 12	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 12		3	1	6

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 14	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 14	1	1	5	2
Potentially Infilled Land (Water)	pg 14	1	8	9	37
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 18	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 18	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 28		1	3	
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 29	Yes	n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 29	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 29		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 29	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 29	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 29	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 30		21	48	55
Fuel Station Entries	pg 40				2
Points of Interest - Commercial Services	pg 40		9	10	18
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 44			7	6
Points of Interest - Public Infrastructure	pg 45			2	11
Points of Interest - Recreational and Environmental	pg 46			3	6
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt	pg 47				2
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 47				1
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (S)	0	1	381188 405700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (W)	0	1	381150 405713
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (S)	0	1	381200 405650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	0	1	381150 405750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (N)	0	1	381188 405750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (E)	0	1	381200 405713
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NW)	0	1	381188 405713
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	49	1	381150 405600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (SE)	50	1	381250 405600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (E)	67	1	381300 405713
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	116	1	381050 405650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	118	1	381050 405600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	150	1	381188 405950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (E)	167	1	381400 405713
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (E)	167	1	381400 405700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (W)	232	1	380900 405750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	266	1	381450 405500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (E)	267	1	381500 405713
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	290	1	381100 405350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	296	1	381000 405400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	330	1	381250 405300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	335	1	381500 405450

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	370	1	381600 405750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (NW)	372	1	380900 406050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (W)	382	1	380750 405713
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (SE)	385	1	381400 405300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (NW)	407	1	380850 406050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	415	1	381300 406200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (SE)	421	1	381600 405450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	448	1	381050 405200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (SW)	475	1	380900 405250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	477	1	381150 405150
1	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Maple Avenue Cso 36-40 Maple Avenue, ., Whitefield, Manchester, M45 7fp Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01BRY0086 Permit Version: 2 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 31st March 2018 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: Bradley Brook Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	882	2	380720 404880
1	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Maple Avenue Cso 36-40 Maple Avenue, ., Whitefield, Manchester, M45 7fp Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01bry0086 Permit Version: 1 Effective Date: 1st April 1991 Issued Date: Not Supplied Revocation Date: 31st December 1994 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Not Supplied Receiving Water: Not Supplied Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	882	2	380720 404880

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Maple Avenue Cso 36-40 Maple Avenue, ., Whitefield, Manchester, M45 7fp Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01bry0086 Permit Version: 3 Effective Date: 1st April 2018 Issued Date: 12th March 2018 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Bradley Brook Suf Wtr Sew Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	923	2	380660 404870
3	Local Authority Pollution Prevention and Controls Name: Edenclough Ltd T/A Academy Fleet Services Location: Albert Close Trading Estate, Whitefield, BURY, M45 8EH Authority: Bury Metropolitan Borough Council, Environmental Health Department Permit Reference: Lappc04-13 Dated: 1st January 2005 Process Type: Local Authority Pollution Prevention and Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Authorisation certificate surrendered by operator Positional Accuracy: Manually positioned to the address or location	A13NE (NE)	109	3	381274 405868
4	Local Authority Pollution Prevention and Controls Name: Kirkhams Garage Location: 71-73 Bury Old Road, Prestwich, BURY, Lancashire, M45 6TB Authority: Bury Metropolitan Borough Council, Environmental Health Department Permit Reference: LAPPC05-10 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Automatically positioned to the address	A8SE (S)	742	3	381214 404884
	Nearest Surface Water Feature	A13SE (E)	206	-	381432 405655
5	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Parr Brook, Albert Road, WHITEFIELD Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Unknown Note: Blue Incident Date: 7th April 1998 Incident Reference: SO980693 Catchment Area: Roch Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SE (E)	67	2	381300 405700
6	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Petrol Note: Parr Brook Incident Date: 4th August 1995 Incident Reference: 95611982 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Leaking Tank Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SE (E)	277	2	381500 405600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: None Pollution Found Incident Date: 31st August 1996 Incident Reference: 96621944 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SW (N)	443	2	381000 406200
8	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: Parr Brook; No Pollution Found Incident Date: 2nd August 1995 Incident Reference: 95621965 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SW (N)	535	2	381000 406300
9	Pollution Incidents to Controlled Waters Property Type: Construction: Demolition Location: Site Of The Old Prestwich Mental Health , Bury New Rd, PRESTWICH, Greater Manchester Authority: Environment Agency, North West Region Pollutant: Inert : Rocks & Soils Note: Not Supplied Incident Date: 4th February 1999 Incident Reference: 695 Catchment Area: Middle Book (River Croal) Receiving Water: River Stretch (Freshwater) Cause of Incident: Deliberate Action Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	824	2	380800 404900
10	Water Abstractions Operator: Onsite Central Limited Licence Number: Nw/069/0004/002 Permit Version: 1 Location: Point C On Whitfield Brook Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 November Authorised End: 27 November Permit Start Date: 1st November 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	530	2	381610 406123
11	Water Abstractions Operator: Danish Crown UK Limited Licence Number: 2569004042 Permit Version: 102 Location: Borehole At Premises, Stanley Road, Whitefield Authority: Environment Agency, North West Region Abstraction: Food And Drink: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Whitefield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18SW (NW)	578	2	380900 406300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	Water Abstractions Operator: Danish Bacon Independent Dbi Ltd Licence Number: 2569004042 Permit Version: 100 Location: Borehole At Premises, Stanley Road, Whitefield Authority: Environment Agency, North West Region Abstraction: Food And Drink: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 436 Yearly Rate (m3): 159295 Details: Premises At Whitefield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st July 1986 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18SW (NW)	578	2	380900 406300
12	Water Abstractions Operator: Onsite Central Limited Licence Number: Nw/069/0004/002 Permit Version: 1 Location: Point B On Whitefield Brooke Whitefield, Manchester Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 November Authorised End: 27 November Permit Start Date: 1st November 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14NW (E)	605	2	381829 405811
13	Water Abstractions Operator: Whitefield Golf Club Ltd Licence Number: 2569004052 Permit Version: 101 Location: Borehole At Whitefield Golf Club, Higher Lane, Whitefield Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Whitefield Golf Club Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 9th November 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12SW (SW)	801	2	380420 405380
13	Water Abstractions Operator: Whitefield Golf Club Licence Number: 2569004052 Permit Version: 100 Location: Borehole At Whitefield Golf Club, Higher Lane, Whitefield Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 100 Yearly Rate (m3): 8000 Details: Land At Whitefield Golf Club Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 19th April 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12SW (SW)	801	2	380420 405380

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	Water Abstractions Operator: Onsite Central Limited Licence Number: Nw/069/0004/002 Permit Version: 1 Location: Point A Whitefield Brook At Whitefield, Manchester Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 November Authorised End: 27 November Permit Start Date: 1st November 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14SE (E)	832	2	382063 405654
15	Water Abstractions Operator: Total Fitness Uk Ltd Licence Number: 2569004056 Permit Version: 1 Location: Land At Total Fitness Bury New Road Whitefield Bury Authority: Environment Agency, North West Region Abstraction: Sports Grounds/Facilities: 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: Land At Total Fitness, Bury Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 17th February 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17SW (NW)	925	2	380450 406380
15	Water Abstractions Operator: Total Fitness Health Clubs Limited Licence Number: Nw/069/0004/004 Permit Version: 1 Location: Borehole At Whitefield, Manchester Authority: Environment Agency, North West Region Abstraction: Sports Grounds/Facilities: 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: Land At Total Fitness, Bury Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 29th January 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17SW (NW)	926	2	380450 406381
	Water Abstractions Operator: The Trustees Of Stand Golf Club Licence Number: 2569004053 Permit Version: 101 Location: Borehole At Stand Golf Club Whitefield Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Stand Golf Club, Whitefield Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 7th September 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11NW (W)	1376	2	379760 405860

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Stand Golf Club Licence Number: 2569004053 Permit Version: 100 Location: A Borehole At Stand Golf Club, Whitefield Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 55 Yearly Rate (m3): 9000 Details: Land At Stand Golf Club, Whitefield Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 28th May 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11NW (W)	1376	2	379760 405860
	Water Abstractions Operator: Stand Golf Club Limited Licence Number: 2569004053 Permit Version: 102 Location: Borehole At Stand Golf Club Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Stand Golf Club, Whitefield Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 12th May 2015 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11NW (W)	1382	2	379754 405858
	Water Abstractions Operator: Polyflor Ltd Licence Number: 2569004030 Permit Version: 101 Location: Well Point System At Premises Radcliffe 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 Radcliffe Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st March 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A16SW (W)	1627	2	379600 406300
	Water Abstractions Operator: James Halstead Ltd Licence Number: 2569004030 Permit Version: 100 Location: Wellpoint System At Premises, Radcliffe 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): 382 Yearly Rate (m3): 68200 Details: Premises At Radcliffe Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 24th January 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A16SW (W)	1627	2	379600 406300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Mr Mr R Monaghan Mr H Adams Mr G Ryan Mr P Bradley Licence Number: 2569002273 Permit Version: 2 Location: Borehole At Hills Lane Unsworth Bury Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Pike Fold Golf Club Hills Lane Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th August 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A25SE (NE)	1839	2	382600 406980
	Water Abstractions Operator: Mr Mr R Monaghan Mr H Adams Mr G Ryan Mr P Bradley Licence Number: 2569002273 Permit Version: 2 Location: Borehole At Hills Lane Unsworth Bury Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Pike Fold Golf Club, Hills Lane Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th August 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A25SE (NE)	1839	2	382600 406980
	Water Abstractions Operator: Mr Mr R Monaghan Mr H Adams Mr G Ryan Mr P Bradley Licence Number: 2569002273 Permit Version: 1 Location: Borehole At Hills Lane Unsworth Bury Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Pike Fold Golf Club Hills Lane Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 8th July 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A25SE (NE)	1839	2	382600 406980
	Water Abstractions Operator: Mr Mr R Monaghan Mr H Adams Mr G Ryan Mr P Bradley Licence Number: 2569002273 Permit Version: 1 Location: Borehole At Hills Lane Unsworth Bury Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Pike Fold Golf Club, Hills Lane Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 8th July 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A25SE (NE)	1839	2	382600 406980

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Mr Mr Ray Monaghan Mr Harry Adams Mr Ged Ryan Mr Paul Bradley Licence Number: 2569002273/R01 Permit Version: 1 Location: Borehole At Hills Lane Unsworth Bury Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Pike Fold Golf Club Hills Lane Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A25SE (NE)	1872	2	382647 406975
	Water Abstractions Operator: Mr Mr Ray Monaghan Mr Harry Adams Mr Ged Ryan Mr Paul Bradley Licence Number: 2569002273/R01 Permit Version: 1 Location: Borehole At Hills Lane Unsworth Bury Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Pike Fold Golf Club, Hills Lane Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A25SE (NE)	1872	2	382647 406975
	Water Abstractions Operator: Mr Mr Ray Monaghan Mr Harry Adams Mr Ged Ryan Mr Paul Bradle Licence Number: 2569002273r01 Permit Version: 1 Location: Borehole At Hills Lane Unsworth Bury Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Pike Fold Golf Club Hills Lane Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A25SE (NE)	1872	2	382647 406975
	Water Abstractions Operator: Mr Mr Ray Monaghan Mr Harry Adams Mr Ged Ryan Mr Paul Bradle Licence Number: 2569002273r01 Permit Version: 1 Location: Borehole At Hills Lane Unsworth Bury Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Pike Fold Golf Club, Hills Lane Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A25SE (NE)	1872	2	382647 406975

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Mr Mr Ray Monaghan Mr Harry Adams Mr Ged Ryan Mr Paul Bradle Licence Number: 2569002273 Permit Version: 3 Location: Borehole At Hills Lane Unsworth Bury Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Pike Fold Golf Club, Hills Lane Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 21st December 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A25SE (NE)	1872	2	382647 406975
	Water Abstractions Operator: Mr Mr Ray Monaghan Mr Harry Adams Mr Ged Ryan Mr Paul Bradle Licence Number: 2569002273 Permit Version: 3 Location: Borehole At Hills Lane Unsworth Bury Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Pike Fold Golf Club Hills Lane Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 21st December 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A25SE (NE)	1872	2	382647 406975
	Water Abstractions Operator: Mr R Raymond Adams Licence Number: 2569002264 Permit Version: 101 Location: A Borehole At Bury Golf Club, Blackford Bridge, Bury Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Bury Golf Club, Bury, Lancs Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 27th January 2004 Permit End Date: 16th April 2007 Positional Accuracy: Located by supplier to within 10m	(N)	1883	2	380970 407670
	Water Abstractions Operator: Bury Golf Club Licence Number: 2569002264 Permit Version: 100 Location: A Borehole At Bury Golf Club, Blackford Bridge, Bury Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 55 Yearly Rate (m3): 9000 Details: Land At Bury Golf Club, Bury, Lancs Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 17th April 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1883	2	380970 407670

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Bury Golf Club Limited Licence Number: 2569002264r02 Permit Version: 1 Location: A Borehole At Bury Golf Club, Blackford Bridge, Bury Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Bury Golf Club, Bury, Lancs Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 1st April 2015 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1887	2	380963 407673
	Water Abstractions Operator: Mr R Raymond Adams Licence Number: 2569002264r1 Permit Version: 1 Location: A Borehole At Bury Golf Club, Blackford Bridge, Bury Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Bury Golf Club, Bury, Lancs Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1887	2	380963 407673
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	A13NE (N)	0	4	381193 405773
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	A13SW (SW)	0	4	381180 405704

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	A13NE (NW)	0	4	381188 405713
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SW (SW)	0	4	381180 405704
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	A13NE (N)	0	4	381193 405773
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A13NE (NW)	0	4	381188 405713
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13NE (NW)	0	4	381188 405713
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
16	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 88.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SE (E)	206	5	381433 405654
17	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 416.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NE (NE)	226	5	381431 405841
18	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 99.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NE (E)	230	5	381445 405806

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1246.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NW (NE)	494	5	381646 406009
20	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 128.4 Watercourse Level: Underground Permanent: True Watercourse Name: Parr Brook Catchment Name: Mersey Primacy: 1	A18SE (NE)	517	5	381481 406227
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 131.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Parr Brook Catchment Name: Mersey Primacy: 1	A19SW (NE)	644	5	381546 406336
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.4 Watercourse Level: Underground Permanent: True Watercourse Name: Parr Brook Catchment Name: Mersey Primacy: 1	A19NW (NE)	770	5	381582 406462
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 191.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Parr Brook Catchment Name: Mersey Primacy: 1	A19NW (NE)	776	5	381575 406473
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Parr Brook Catchment Name: Mersey Primacy: 1	A19NW (NE)	942	5	381685 406600
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 108.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Parr Brook Catchment Name: Mersey Primacy: 1	A19NW (NE)	944	5	381688 406602

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Bury Metropolitan Borough Council - Has not been able to supply Landfill data		0	6	381188 405713
26	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1983	A13NE (N)	0	-	381202 405762
27	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1983	A13NE (N)	119	-	381210 405917
28	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1983	A13SE (SE)	256	-	381368 405431
29	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1983	A13NW (NW)	269	-	380914 405910
30	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1983	A18SW (NW)	293	-	381043 406054
31	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1983	A18SW (NW)	457	-	380928 406174
32	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1983	A18SE (N)	459	-	381245 406256
33	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1983	A14SE (E)	898	-	382113 405502
34	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A7SW (SW)	998	-	380498 404907
35	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SE (SE)	0	-	381195 405706
36	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13NE (E)	31	-	381248 405736
37	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A13SE (SE)	37	-	381263 405646
38	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A13NW (N)	53	-	381148 405836
39	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A13NW (NW)	104	-	381059 405827
40	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SW (SW)	169	-	381029 405573
41	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13NW (W)	170	-	380965 405718
42	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13NW (NW)	231	-	380948 405894

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
43	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A13NE (NE)	240	-	381420 405892
44	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13NW (NW)	302	-	380943 405995
45	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8NW (S)	302	-	381167 405324
46	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14SW (E)	349	-	381575 405633
47	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A8NW (S)	352	-	381118 405281
48	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8NW (S)	366	-	381107 405269
49	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8NE (S)	404	-	381367 405261
50	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A18SE (N)	412	-	381264 406204
51	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A18SE (N)	420	-	381273 406212
52	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SE (SW)	485	-	380769 405388
53	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A19SW (NE)	507	-	381568 406141
54	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A17SE (NW)	509	-	380786 406130
55	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A14NW (NE)	528	-	381692 405993
56	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8NE (SE)	528	-	381427 405153
57	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18SW (NW)	548	-	380921 406277
58	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A12SE (W)	575	-	380578 405596
59	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18SW (N)	578	-	381138 406375
60	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8NE (SE)	588	-	381457 405100
61	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12NE (W)	602	-	380552 405913
62	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SW (W)	632	-	380507 405660
63	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A7NE (SW)	660	-	380643 405257

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
64	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18NW (N)	672	-	381161 406471
65	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A19SW (NE)	679	-	381560 406369
66	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A14SE (E)	691	-	381916 405602
67	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A12NW (W)	698	-	380434 405730
68	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A7NE (SW)	728	-	380546 405289
69	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A8SW (S)	732	-	380940 404937
70	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NW (SW)	755	-	380488 405345
71	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18NE (N)	769	-	381288 406563
72	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18NW (N)	772	-	380890 406511
73	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18NW (N)	776	-	381125 406573
74	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A7NE (SW)	781	-	380525 405217
75	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SW (W)	792	-	380366 405551
76	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A14SE (E)	795	-	382024 405627
77	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A8SW (S)	797	-	381105 404832
78	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A7NE (SW)	803	-	380532 405167
79	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A18NW (N)	812	-	381053 406600
80	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A18NW (N)	818	-	380902 406566
81	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A7SE (SW)	824	-	380740 404935
82	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A7SE (SW)	852	-	380622 404991
83	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A14SE (E)	853	-	382084 405641
84	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14SE (E)	858	-	382089 405648

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
85	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14SE (E)	886	-	382076 405395
86	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SW (W)	925	-	380249 405471
87	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A19NW (NE)	966	-	381803 406547
88	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A3NE (S)	969	-	381469 404697
89	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A18NE (N)	972	-	381515 406716

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Triassic Rocks (Undifferentiated)	A13NE (NW)	0	1	381188 405713
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SW (SW)	0	1	381180 405704
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (N)	0	1	381193 405773
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13NE (NW)	0	1	381188 405713
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13NW (NW)	66	1	381070 405778
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (NW)	67	1	381075 405788
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: 200 - 300 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SE (S)	125	1	381188 405500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 30 - 45 mg/kg Concentration:	A13NW (W)	132	1	381000 405713
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13NW (NW)	158	1	381000 405840
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A13NE (N)	172	1	381201 405972
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13NW (N)	182	1	381141 405975
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13NW (N)	202	1	381163 406000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 30 - 45 mg/kg Concentration:	A13SE (SE)	232	1	381408 405500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13NE (N)	237	1	381215 406035
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13SW (SW)	284	1	380896 405581
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14NW (E)	306	1	381539 405718
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NW (S)	307	1	381050 405350
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14NW (E)	317	1	381546 405758
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13SW (SW)	318	1	380963 405383

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A18SW (NW)	358	1	380969 406083
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13SE (SE)	360	1	381500 405410
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9NW (SE)	412	1	381537 405373
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A14NW (E)	437	1	381667 405755
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NW (S)	478	1	380990 405190
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SE (N)	505	1	381260 406300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SW (N)	507	1	381027 406280
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SW (N)	507	1	381028 406280
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SE (NE)	545	1	381479 406261
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 60 - 80 mg/kg Concentration:	A14NW (E)	583	1	381816 405728
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14NW (E)	584	1	381815 405755
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SW (NE)	624	1	381729 406121

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8SE (S)	639	1	381390 405018
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8SE (S)	640	1	381409 405024
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 300 - 600 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8SW (S)	654	1	381000 405000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8SE (SE)	674	1	381500 405026
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14NE (E)	674	1	381879 405900
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SW (NE)	687	1	381742 406208

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A18NW (N)	689	1	381022 406468
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18NW (N)	691	1	381000 406464
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18NE (NE)	692	1	381506 406421
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A18NE (N)	695	1	381186 406495
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14NE (E)	702	1	381933 405758
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8SE (SE)	707	1	381500 404989

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9SW (SE)	736	1	381537 404974
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SW (NE)	755	1	381843 406186
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14NE (E)	767	1	382000 405725
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 60 - 80 mg/kg Concentration:	A14NE (E)	767	1	382000 405713
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A19SW (NE)	791	1	381812 406288
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14SE (E)	797	1	382000 405454

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A19SE (NE)	808	1	381864 406248
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A17SW (NW)	813	1	380500 406264
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NW (W)	837	1	380295 405774
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14NE (E)	846	1	382077 405763
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A17NE (NW)	869	1	380741 406544
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SE (NE)	869	1	381980 406180

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SW (W)	881	1	380255 405668
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A19SE (NE)	904	1	382007 406204
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SE (NE)	927	1	382018 406232
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SE (NE)	939	1	381998 406286
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 300 - 600 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7SE (SW)	946	1	380706 404811
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 60 - 80 mg/kg Concentration:	A14NE (E)	966	1	382188 405851

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A23SW (N)	978	1	381000 406759
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 40 - 60 mg/kg Concentration: Lead Concentration: 300 - 600 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A7SE (SW)	986	1	380542 404883
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A3NW (S)	994	1	381000 404650
90	BGS Recorded Mineral Sites Site Name: Brick Hill Bank Brick Field Location: Whitefield, Bury, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96889 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Till, Devensian Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A13NE (N)	167	1	381239 405959
91	BGS Recorded Mineral Sites Site Name: Whitefield Gravel Pit Location: Whitefield, Bury, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96888 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Devensian Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A18SW (NW)	298	1	381044 406060
92	BGS Recorded Mineral Sites Site Name: Whitefield Gravel Pit Location: Whitefield, Bury, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96887 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Devensian Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A18SW (NW)	460	1	380923 406175

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
93	BGS Recorded Mineral Sites Site Name: Besses O'Th' Barn Brick Works Location: Besses O'Th' Barn, Whitefield, Bury, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96925 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Till, Devensian Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	480	1	381571 405310
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A13NE (NW)	0	7	381188 405713
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	381188 405713
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	148	1	381376 405669
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	381188 405713
	Potential for Compressible Ground Stability Hazards Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	148	1	381376 405669
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	381188 405713
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	381188 405713
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	381188 405713
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	381188 405713
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	148	1	381376 405669
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	169	1	381011 405586
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	381188 405713
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	381188 405713

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
94	Contemporary Trade Directory Entries Name: Northern Golf & Sports Ltd Location: Albert Close Trading Estate, Whitefield, Manchester, M45 8EH Classification: Sports Equipment Manufacturers & Distributors Status: Active Positional Accuracy: Automatically positioned to the address	A13NE (N)	11	-	381210 405791
94	Contemporary Trade Directory Entries Name: Universal Imports Location: Unit 1, Albert Close Trading Estate, Whitefield, Manchester, M45 8EH Classification: Hardware Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (N)	11	-	381210 405791
94	Contemporary Trade Directory Entries Name: Acegate (Manufacturing) Ltd Location: Unit 3, Albert Close Trading Estate, Whitefield, Manchester, M45 8EH Classification: Roller Shutter Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	44	-	381232 405817
94	Contemporary Trade Directory Entries Name: Astral Chemical Solutions Ltd Location: Albert CI Trading Est, Whitefield, Manchester, Lancashire, M45 8EH Classification: Cleaning Materials & Equipment Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A13NE (N)	49	-	381215 405842
94	Contemporary Trade Directory Entries Name: Samuel Simpson & Co Ltd Location: Unit 4, Albert Close Trading Estate, Whitefield, Manchester, M45 8EH Classification: Soft Furnishings - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	70	-	381255 405830
94	Contemporary Trade Directory Entries Name: Simpson Interiors Location: Unit 3, Albert Close Trading Estate, Whitefield, Manchester, Lancashire, M45 8EH Classification: Soft Furnishings - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	70	-	381255 405830
95	Contemporary Trade Directory Entries Name: Toretto Motor Sales Location: Unit 1 Block 2, Albert Trading Estate, Albert Close, Whitefield, Manchester, M45 8EH Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (N)	52	-	381171 405848
95	Contemporary Trade Directory Entries Name: Eric Moore & Co Ltd Location: Albert Close Trading Estate, Whitefield, Manchester, M45 8EH Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (N)	54	-	381174 405851
95	Contemporary Trade Directory Entries Name: Graham Bullas Location: Unit 1 Block 3, Albert CI Trading Est, Whitefield, Manchester, M45 8EH Classification: Cleaning Materials & Equipment Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13NE (N)	72	-	381218 405866
95	Contemporary Trade Directory Entries Name: Northern Autos Nw Ltd Location: Albert Close Trading Estate, Whitefield, Manchester, M45 8EH Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (N)	78	-	381169 405875
95	Contemporary Trade Directory Entries Name: Express Dairies Location: Albert Close Trading Estate, Whitefield, Manchester, M45 8DU Classification: Dairies Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (N)	89	-	381148 405878

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
96	Contemporary Trade Directory Entries Name: J & W Eastwood Location: Furness Av, Whitefield, Manchester, M45 6EB Classification: Textile Manufacturing Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13NW (NW)	91	-	381084 405838
97	Contemporary Trade Directory Entries Name: Academy Fleet Location: Unit 1/2, Albert Close Trading Estate, Whitefield, Manchester, Lancashire, M45 8EH Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13NE (NE)	109	-	381275 405867
98	Contemporary Trade Directory Entries Name: N J Autobodies Ltd Location: Unit 2 Albert Close Trading Estate, Whitefield, Manchester, Greater Manchester, M45 8EH Classification: Car Body Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (N)	139	-	381150 405933
98	Contemporary Trade Directory Entries Name: Transmatic Location: Unit 2c, Albert New Mill, Albert Close, Whitefield, Manchester, M45 8EH Classification: Garage Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (N)	161	-	381139 405953
98	Contemporary Trade Directory Entries Name: Alpine Car Sales Manchester Location: Albert New Mill, Albert Close, Whitefield, Manchester, Greater Manchester, M45 8EH Classification: Car Dealers - Used Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (N)	161	-	381139 405953
98	Contemporary Trade Directory Entries Name: Whitefield M O T Centre Location: Unit 2 Block 6, Albert Trading Estate, Albert Close, Whitefield, Manchester, M45 8EH Classification: Mot Testing Centres Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (N)	173	-	381166 405971
98	Contemporary Trade Directory Entries Name: Ventheat Engineering Co Ltd Location: Albert Close Trading Estate, Whitefield, Manchester, M45 8EH Classification: Sheet Metal Work Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (N)	173	-	381166 405971
98	Contemporary Trade Directory Entries Name: Ventheat Engineering Location: Albert Close Trading Estate, Whitefield, Manchester, M45 8EH Classification: Sheet Metal Work Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (N)	173	-	381166 405971
99	Contemporary Trade Directory Entries Name: Albert Close Vehicle Sales Ltd Location: Croft Mill Albert Trading Estate, Albert Close, Whitefield, Manchester, Greater Manchester, M45 8EH Classification: Commercial Vehicle Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (NW)	154	-	381073 405907
100	Contemporary Trade Directory Entries Name: Colletts Furnishing Services Location: 28, Coniston Avenue, Whitefield, Manchester, M45 6EG Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (W)	227	-	380905 405750
101	Contemporary Trade Directory Entries Name: Business Seating (Renovations) Ltd Location: Unit 3/4, Park Seventeen, Moss Lane, Whitefield, Manchester, M45 8FJ Classification: Office Furniture & Equipment Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A13NW (NW)	259	-	380986 405975

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
101	Contemporary Trade Directory Entries Name: Ammeraal Ltd Location: Unit 9, Park Seventeen, Moss Lane, Whitefield, Manchester, M45 8FJ Classification: Conveyors & Conveyor Belts Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	290	-	380950 405985
101	Contemporary Trade Directory Entries Name: Nft Distribution Ltd Location: Park Seventeen, Moss Lane, Whitefield, MANCHESTER, M45 8FJ Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	290	-	380950 405985
102	Contemporary Trade Directory Entries Name: Viasystems Manchester Ltd Location: Victoria Works, Victoria Lane, Whitefield, Manchester, M45 6BU Classification: Printed Circuit Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	265	-	380987 405457
103	Contemporary Trade Directory Entries Name: Swan Projects Location: 38, Stanway Road, Whitefield, Manchester, M45 8FX Classification: Air Conditioning & Refrigeration Contractors Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (E)	323	-	381553 405662
103	Contemporary Trade Directory Entries Name: Hedleys Transport Ltd Location: 1, Hilltop Avenue, Whitefield, Manchester, M45 8FG Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	350	-	381583 405693
104	Contemporary Trade Directory Entries Name: Brockbank & McLennan Location: 31a Charnley St, Whitefield, Manchester, Lancashire, M45 6BG Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned to the address or location	A12NE (W)	333	-	380799 405739
104	Contemporary Trade Directory Entries Name: Hydra Fire Location: 31, Charnley Street, Whitefield, Manchester, M45 6BG Classification: Firefighting Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A12NE (W)	338	-	380794 405748
105	Contemporary Trade Directory Entries Name: R & A Office Environments Ltd Location: Unit 13, Park Seventeen, Moss Lane, Whitefield, Manchester, M45 8FJ Classification: Office Furniture & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	338	-	380849 405938
106	Contemporary Trade Directory Entries Name: Prime Document Location: Unit 3, Park Seventeen, Moss Lane, Whitefield, Manchester, M45 8FJ Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (NW)	344	-	380996 406083
106	Contemporary Trade Directory Entries Name: Prime Document Ltd Location: Unit 3, Park Seventeen, Moss Lane, Whitefield, MANCHESTER, M45 8FJ Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (NW)	344	-	380996 406083
106	Contemporary Trade Directory Entries Name: Wesco Distribution International Location: Unit 2, Park Seventeen, Moss Lane, Whitefield, Manchester, M45 8FJ Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (NW)	344	-	380996 406083
106	Contemporary Trade Directory Entries Name: Carabou Jeans Location: Unit 1, Park Seventeen, Moss Lane, Whitefield, Manchester, M45 8FJ Classification: Clothing & Fabrics - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (NW)	347	-	380969 406069

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
107	Contemporary Trade Directory Entries Name: Manchester Catering Equipment Location: 2, Jackson Street, Whitefield, MANCHESTER, M45 6AN Classification: Catering Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (SW)	363	-	380890 405423
108	Contemporary Trade Directory Entries Name: A D M Precision Tools Ltd Location: Unit 5, Park Seventeen, Moss Lane, Whitefield, Manchester, M45 8FJ Classification: Tool Design, Manufacturers & Makers Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	366	-	381046 406136
108	Contemporary Trade Directory Entries Name: G P O Retro Location: Unit 6, Park Seventeen, Moss Lane, Whitefield, Manchester, M45 8FJ Classification: Hi-Fi Equipment Manufacturers & Distributors Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	384	-	381038 406152
109	Contemporary Trade Directory Entries Name: Kara Foods Location: Park Seventeen, Moss Lane, Whitefield, Manchester, M45 8FJ Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (NW)	369	-	380792 405898
109	Contemporary Trade Directory Entries Name: Kara Foods Location: Park Seventeen, Moss Lane, Whitefield, Manchester, M45 8FJ Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (NW)	369	-	380792 405898
109	Contemporary Trade Directory Entries Name: Kara Location: Park Seventeen, Moss Lane, Whitefield, Manchester, Lancashire, M45 8FJ Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (NW)	369	-	380792 405898
110	Contemporary Trade Directory Entries Name: Activate Business Systems Location: 1, Livsey Street, Whitefield, Manchester, M45 6AE Classification: Electrical Engineers Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A12SE (W)	380	-	380795 405572
111	Contemporary Trade Directory Entries Name: Protel X Location: Unit 6, Park Seventeen, Moss Lane, Whitefield, Manchester, M45 8FJ Classification: Sound Equipment Systems Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	385	-	381040 406154
111	Contemporary Trade Directory Entries Name: Symphony Coatings Location: 36, Stanley Road, Whitefield, Manchester, Lancashire, M45 8QX Classification: Paint Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	415	-	381071 406197
111	Contemporary Trade Directory Entries Name: Symphony Paints Location: 36, Stanley Road, Whitefield, Manchester, Lancashire, M45 8QX Classification: Distribution Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18SW (N)	415	-	381071 406197
111	Contemporary Trade Directory Entries Name: John Staniar & Co Ltd Location: 34, Stanley Road, Whitefield, Manchester, M45 8QX Classification: Wire Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	424	-	381055 406202
112	Contemporary Trade Directory Entries Name: H S B C Location: HSBC, Park Seventeen, Whitefield, M45 8SH Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (NW)	398	-	380823 406004

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
113	Contemporary Trade Directory Entries Name: Nicol'S Cleaning Services Location: 11, Buckingham Avenue, Whitefield, Manchester, M45 6DJ Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	402	-	381105 405233
114	Contemporary Trade Directory Entries Name: Rogal Manufacturing Co Location: 7, Victoria Lane, Whitefield, Manchester, Lancashire, M45 6BL Classification: Textile Manufacturing Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (SW)	413	-	380825 405435
114	Contemporary Trade Directory Entries Name: Central Vacs Location: 104-106, Bury New Road, Whitefield, Manchester, M45 6AJ Classification: Vacuum Cleaners - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (SW)	429	-	380819 405412
114	Contemporary Trade Directory Entries Name: Heywood Environmental Group Plc Location: 100, Bury New Road, Whitefield, Manchester, M45 6AJ Classification: Recycling Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (SW)	432	-	380821 405403
115	Contemporary Trade Directory Entries Name: Charisma Shades Location: 120a, Bury New Road, Whitefield, Manchester, M45 6AD Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	428	-	380727 405611
115	Contemporary Trade Directory Entries Name: Appliance Centre Location: 130, Bury New Road, Whitefield, Manchester, M45 6AD Classification: Cookers - Sales & Service Status: Active Positional Accuracy: Automatically positioned to the address	A12SE (W)	429	-	380718 405638
116	Contemporary Trade Directory Entries Name: Bodyshop Technical Services Ltd Location: Unit 2, Albert Road, Whitefield, Manchester, M45 8NH Classification: Spraying - Paint & Coatings Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A14NW (E)	429	-	381640 405841
117	Contemporary Trade Directory Entries Name: Carrick Signs Location: Unit 8, Park Seventeen, Moss Lane, Whitefield, Manchester, M45 8FJ Classification: Printers - Glass, Metal, Plastics Etc. Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (NW)	429	-	380976 406172
118	Contemporary Trade Directory Entries Name: Wax Concept Location: 114 Bury New Road, Whitefield, Manchester, Greater Manchester, M45 6AD Classification: Candle Manufacturers & Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	A12SE (W)	431	-	380746 405555
118	Contemporary Trade Directory Entries Name: C D S Textiles Ltd Location: 114, Bury New Road, Whitefield, Manchester, Lancashire, M45 6AD Classification: Textile Manufacturing Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	431	-	380746 405556
119	Contemporary Trade Directory Entries Name: Whitefield Launderette & Dry Cleaners Location: 12, Victoria Square, Whitefield, Manchester, M45 6AL Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (SW)	438	-	380854 405346
120	Contemporary Trade Directory Entries Name: E M Farrell Location: 154, Bury New Road, Whitefield, Manchester, M45 6AD Classification: Hardware Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	449	-	380686 405702

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
121	Contemporary Trade Directory Entries Name: Gleamin Oven Cleaning Co Location: 16, Prestfield Road, Whitefield, Manchester, M45 6BD Classification: Oven cleaning Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	464	-	381430 405226
121	Contemporary Trade Directory Entries Name: A & M Transport Services Location: 57, Balmoral Avenue, Whitefield, Manchester, M45 6BB Classification: Car Breakdown & Recovery Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	487	-	381410 405189
122	Contemporary Trade Directory Entries Name: L K Q Coatings Ltd Location: Unit 11, Park Seventeen, Moss Lane, Whitefield, Manchester, M45 8FJ Classification: Car Paint & Lacquer Manufacturers & Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (NW)	465	-	380869 406145
123	Contemporary Trade Directory Entries Name: Apple Blinds Location: 145, Bury New Road, Whitefield, Manchester, M45 6AA Classification: Blinds, Awnings & Canopies Status: Active Positional Accuracy: Automatically positioned to the address	A12SE (SW)	467	-	380732 405503
123	Contemporary Trade Directory Entries Name: Alpha Mobilty Location: 143, Bury New Road, Whitefield, Manchester, M45 6AA Classification: Disability Equipment - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (SW)	468	-	380733 405498
123	Contemporary Trade Directory Entries Name: Microbiological Solutions Ltd Location: 141a, Bury New Road, Whitefield, MANCHESTER, M45 6AA Classification: Laboratories Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (SW)	473	-	380733 405488
123	Contemporary Trade Directory Entries Name: Spik & Span Location: 7, Egerton Road, Whitefield, Manchester, M45 7FU Classification: Cleaning Services - Commercial Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (SW)	506	-	380689 405502
124	Contemporary Trade Directory Entries Name: Rainbow Cosmetics Location: Edward House, 61, Stanley Road, Whitefield, Manchester, M45 8GZ Classification: Cosmetic Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	470	-	381164 406269
125	Contemporary Trade Directory Entries Name: I Am The Man With A Van Location: 20, Hazel Road, Whitefield, MANCHESTER, M45 8EU Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	476	-	381707 405753
126	Contemporary Trade Directory Entries Name: Busy Bees Location: 25, Hazel Road, Whitefield, Manchester, M45 8EU Classification: Ironing & Home Laundry Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	487	-	381719 405673
126	Contemporary Trade Directory Entries Name: Steam & Sew Location: 23, Hazel Road, Whitefield, Manchester, M45 8EU Classification: Laundries & Launderettes Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	493	-	381725 405669
127	Contemporary Trade Directory Entries Name: Lilys Blinds Location: 178, Bury New Road, Whitefield, Manchester, M45 6QF Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	493	-	380640 405779

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
128	Contemporary Trade Directory Entries Name: Goodman Lisa Dry Cleaning & Clothing Alterations Location: 150, Bury Old Road, Whitefield, Manchester, M45 6AT Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (SW)	503	-	380958 405180
128	Contemporary Trade Directory Entries Name: Steven Stone Location: 142, Bury Old Road, Whitefield, Manchester, M45 6AT Classification: Jewellery Manufacturers & Repairers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	509	-	380981 405161
129	Contemporary Trade Directory Entries Name: Tier 1 Location: 59, Stanley Road, Whitefield, Manchester, M45 8GZ Classification: Recycling Services Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	504	-	381110 406297
130	Contemporary Trade Directory Entries Name: Manchester M O T & Service Centre Location: Unit 1, Moss Lane Industrial Estate, Egremont Close, Whitefield, Manchester, M45 8FH Classification: Mot Testing Centres Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	505	-	381041 406283
130	Contemporary Trade Directory Entries Name: Handling Equipment Direct Location: Moss La Ind Est, Egremont Cl, Whitefield, Manchester, Lancs, M45 8FH Classification: Materials Handling Equipment Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18SW (N)	507	-	381076 406294
130	Contemporary Trade Directory Entries Name: Aspin Engineering Ltd Location: Unit 5, Moss Lane Industrial Estate, Egremont Close, Whitefield, Manchester, M45 8FH Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	548	-	381050 406329
131	Contemporary Trade Directory Entries Name: Magical Fireworks Ltd Location: 9, Cambeck Walk, Whitefield, Manchester, M45 8NB Classification: Firework Technicians, Manufacturers & Distribution Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (NE)	509	-	381484 406215
132	Contemporary Trade Directory Entries Name: Stunning Cleanse Location: 14, Stanley Road, Whitefield, Manchester, M45 8QY Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	553	-	380836 406229
132	Contemporary Trade Directory Entries Name: Stunning Cleanse Carpet Cleaning Services Location: 14, Stanley Road, Whitefield, Manchester, M45 8QY Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	553	-	380836 406229
133	Contemporary Trade Directory Entries Name: Mercedes Benz (Whitefield) Location: 98, Bury Old Road, Whitefield, Manchester, M45 6TQ Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	554	-	381090 405081
133	Contemporary Trade Directory Entries Name: Mercedes Benz (Whitefield) Location: 98, Bury Old Road, Whitefield, Manchester, Lancashire, M45 6TQ Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	554	-	381090 405081

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
133	Contemporary Trade Directory Entries Name: Mercedes Benz Location: 98, Bury Old Road, Whitefield, Manchester, M45 6TQ Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	554	-	381090 405081
133	Contemporary Trade Directory Entries Name: Mercedes Benz Whitefield Location: 98, Bury Old Road, Whitefield, Manchester, M45 6TQ Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	554	-	381090 405081
133	Contemporary Trade Directory Entries Name: Mercedes Benz Body Service Location: 98, Bury Old Road, Whitefield, Manchester, M45 6TQ Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	554	-	381090 405081
134	Contemporary Trade Directory Entries Name: B 2 B Telecom Solutions Ltd Location: 193, The Atrium, Bury Old Road, Whitefield, Manchester, M45 7AL Classification: Telecommunications Equipment & Systems Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (SW)	556	-	380930 405135
135	Contemporary Trade Directory Entries Name: Arrow Cleaning & Manpower Services Location: A, 119, Bury Old Road, Whitefield, Manchester, Lancashire, M45 7AY Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	561	-	380982 405105
136	Contemporary Trade Directory Entries Name: Bright & Beautiful Location: 20, London Street, Whitefield, Manchester, M45 7ES Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	569	-	380708 405326
136	Contemporary Trade Directory Entries Name: Motorterm P M B Location: Higher Lane Garage, Higher Lane, Whitefield, Manchester, M45 7FZ Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	569	-	380703 405333
136	Contemporary Trade Directory Entries Name: Prestwich Motor Bodies Complete Car Care Centre Location: Higher Lane Garage, Higher Lane, Whitefield, Manchester, M45 7FZ Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	570	-	380703 405333
137	Contemporary Trade Directory Entries Name: Julies Ironing Services & Professional Dry Cleaning Location: 28, Fountain Place, Whitefield, Manchester, M45 7FG Classification: Ironing & Home Laundry Services Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	595	-	380733 405246
138	Contemporary Trade Directory Entries Name: Reg Evans Location: 95, Bury Old Road, Whitefield, Manchester, M45 7AY Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	609	-	381063 405030
139	Contemporary Trade Directory Entries Name: Mark Kendrew Transport Location: 90, Cunningham Drive, Bury, BL9 8PD Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (NE)	615	-	381477 406343
140	Contemporary Trade Directory Entries Name: Northern Flash Repairs Location: 30, Kenmore Road, Whitefield, Manchester, M45 8ER Classification: Photographic Equipment Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	630	-	381856 405801

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
141	Contemporary Trade Directory Entries Name: Cjb Auto Repairs Location: 8, Beverley Close, Whitefield, Manchester, M45 8BB Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	633	-	381692 406185
142	Contemporary Trade Directory Entries Name: Justuprint Ltd Location: 32, Kenilworth Avenue, Whitefield, Manchester, M45 6TG Classification: Printers Textile Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (S)	647	-	381371 405004
142	Contemporary Trade Directory Entries Name: Top Desk Publishing Location: A, 25, Walker Avenue, Whitefield, Manchester, M45 6TP Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	683	-	381382 404970
143	Contemporary Trade Directory Entries Name: Steam N Clean Location: 52, Hardmans Road, Whitefield, Manchester, M45 7BD Classification: Steam Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	660	-	381014 404990
144	Contemporary Trade Directory Entries Name: Mark Anthony Dental Maintenance Ltd Location: 35, Kenmore Road, Whitefield, Manchester, M45 8ES Classification: Medical Equipment Maintenance & Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (E)	667	-	381884 405851
145	Contemporary Trade Directory Entries Name: Enterprise Print Services Location: 45, Hindburn Close, Whitefield, Manchester, M45 8JQ Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	684	-	381849 406024
146	Contemporary Trade Directory Entries Name: Supreme Clean Services Location: 28, Elms Road, Whitefield, Manchester, M45 8GR Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	707	-	380705 406324
147	Contemporary Trade Directory Entries Name: A M S Electrical Services Location: 4, Carlisle Close, Whitefield, Manchester, M45 6TH Classification: Electrical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	713	-	381775 405189
148	Contemporary Trade Directory Entries Name: 1849 Goldsmiths Location: 86, Bury Old Road, Whitefield, Manchester, M45 6TQ Classification: Jewellery Manufacturers & Repairers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	729	-	381259 404899
148	Contemporary Trade Directory Entries Name: Kirkham Service Station Location: 73, Bury Old Road, Whitefield, Manchester, M45 6TB Classification: Petrol Filling Stations - 24 Hour Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	742	-	381214 404884
148	Contemporary Trade Directory Entries Name: Esso Location: 73, Bury Old Road, Whitefield, Manchester, M45 6TB Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (S)	751	-	381207 404875
149	Contemporary Trade Directory Entries Name: Direct Clean Location: 225, Bury New Road, Whitefield, Manchester, Lancashire, M45 8GW Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	729	-	380480 406078

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
150	Contemporary Trade Directory Entries Name: Morrisons Petrol Station Location: 5, Stanley Road, Whitefield, Manchester, M45 8QH Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	749	-	380528 406196
151	Contemporary Trade Directory Entries Name: Statley Holmes Ltd Location: 6, MERSEY DRIVE, WHITEFIELD, MANCHESTER, M45 8LA Classification: Staircase, Balustrade & Handrail Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A19SW (NE)	770	-	381825 406238
152	Contemporary Trade Directory Entries Name: Parr Lane Service Station Location: Parr Lane, Bury, Lancashire, BL9 8LZ Classification: Mot Testing Centres Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	782	-	381345 406566
153	Contemporary Trade Directory Entries Name: Aec Heating Location: 30, Derby Road, Whitefield, Manchester, Lancashire, M45 6TN Classification: Boilers - Servicing, Replacements & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	784	-	381508 404908
154	Contemporary Trade Directory Entries Name: Abate Location: 60, Bury Old Road, Whitefield, Manchester, M45 6TL Classification: Damp & Dry Rot Control Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	789	-	381337 404850
154	Contemporary Trade Directory Entries Name: Ernest Brown & Son Location: 52, Bury Old Road, Whitefield, Manchester, M45 6TL Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	803	-	381360 404840
155	Contemporary Trade Directory Entries Name: Tony Hill Fireplaces Location: 135, Randle Drive, Bury, Lancashire, BL9 8NE Classification: Fireplaces & Mantelpieces Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	825	-	381379 406603
155	Contemporary Trade Directory Entries Name: Scrubbers Clean Commercial Ltd Location: Bury, BL9 8LU Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	825	-	381379 406603
156	Contemporary Trade Directory Entries Name: Power Wash Uk Location: 1, Tintern Avenue, Whitefield, Manchester, M45 8NY Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	826	-	380761 406506
157	Contemporary Trade Directory Entries Name: Gate Expectations Location: Bank Street, Whitefield, Manchester, Lancashire, M45 7JF Classification: Wrought Ironwork Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A17SW (NW)	828	-	380424 406182
157	Contemporary Trade Directory Entries Name: Allens Location: 247-249, Bury New Road, Whitefield, Manchester, M45 8QP Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	839	-	380435 406219
157	Contemporary Trade Directory Entries Name: Freddie's Forge Ltd Location: Unit 3, Bank Street, Whitefield, Manchester, M45 7JF Classification: Wrought Ironwork Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	883	-	380390 406233

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
158	Contemporary Trade Directory Entries Name: D S R Cartons Location: 17, St. Josephs Avenue, Whitefield, Manchester, M45 6NT Classification: Boxes & Cartons Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	852	-	381986 405257
159	Contemporary Trade Directory Entries Name: Tyre & Auto Service Whitefield Location: 273, Bury New Road, Whitefield, Manchester, M45 8QP Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A17SW (NW)	918	-	380396 406301
160	Contemporary Trade Directory Entries Name: Martins Location: 7, Bury Old Road, Whitefield, Manchester, M45 6TA Classification: Laundries & Launderettes Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	945	-	381515 404737
160	Contemporary Trade Directory Entries Name: Ocean Dry Cleaning & Launderette Location: 7, Bury Old Road, Whitefield, Manchester, M45 6TA Classification: Laundries & Launderettes Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	945	-	381515 404737
161	Contemporary Trade Directory Entries Name: Midland Fixings Manchester Location: 3, Rufford Parade, Rufford Drive, Whitefield, Manchester, Lancashire, M45 8PL Classification: Nuts, Bolts & Fixings Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	950	-	380766 406650
162	Contemporary Trade Directory Entries Name: Grimshaws Location: 558, Bury New Road, Prestwich, Manchester, M25 3BD Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A3NW (S)	989	-	381019 404651
163	Contemporary Trade Directory Entries Name: Prestwich Cycle Factors Wholesale Location: 2, Dale Street, Whitefield, Manchester, M45 7QT Classification: Cycle Accessories, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	995	-	380348 406366
164	Fuel Station Entries Name: Kirkhams Service Station Location: 71-73, Bury Old Road, Prestwich, Manchester, Greater Manchester, M45 6TB Brand: ESSO Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A8SE (S)	750	-	381208 404875
165	Fuel Station Entries Name: Parr Lane Service Station Location: Parr Lane, Unsworth, Bury, Greater Manchester, BL9 8LZ Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Approximate location provided by supplier	A19NW (NE)	971	-	381595 406682
166	Points of Interest - Commercial Services Name: Academy Fleet Location: Unit 1 2, Albert Close Trading Estate, Whitefield, Manchester, M45 8EH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (N)	11	8	381210 405791
167	Points of Interest - Commercial Services Name: Whitefield M O T Centre Location: Albert Close Trading Estate, Whitefield, Manchester, M45 8EH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (N)	53	8	381209 405849

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
167	Points of Interest - Commercial Services Name: Northern Autos (NW) Ltd Location: Albert Close Trading Estate, Whitefield, Manchester, M45 8EH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (N)	78	8	381169 405875
167	Points of Interest - Commercial Services Name: Chemical & Supplies Direct Location: Unit 1 Block 3, Albert Close Trading Estate, Whitefield, Manchester, M45 8EH Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A13NW (N)	78	8	381169 405875
167	Points of Interest - Commercial Services Name: Northern Autos Ltd Location: Albert Close Trading Estate, Whitefield, Manchester, M45 8EH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (N)	78	8	381169 405875
167	Points of Interest - Commercial Services Name: N J Autobodies Ltd Location: Unit 2 Albert Close Trading Estate, Whitefield, Manchester, M45 8EH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (N)	139	8	381149 405933
168	Points of Interest - Commercial Services Name: Academy Fleet Location: Unit 1/2, Albert Close Trading Estate, Whitefield, Manchester, M45 8EH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (NE)	109	8	381275 405867
169	Points of Interest - Commercial Services Name: Ventheat Engineering Location: Albert Close Trading Estate, Whitefield, Manchester, M45 8EH Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A13NW (N)	173	8	381166 405971
169	Points of Interest - Commercial Services Name: Ventheat Engineering Co Ltd Location: Albert Close Trading Estate, Whitefield, Manchester, M45 8EH Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A13NW (N)	173	8	381166 405971
170	Points of Interest - Commercial Services Name: Nft Distribution Ltd Location: Park Seventeen, Moss Lane, Whitefield, Manchester, M45 8FJ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NW (NW)	290	8	380950 405985
170	Points of Interest - Commercial Services Name: N F T Distribution Ltd Location: Park Seventeen, Moss Lane, Whitefield, Manchester, M45 8FJ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NW (NW)	293	8	380907 405941
171	Points of Interest - Commercial Services Name: Whitefield Autos Location: Unit 1 Park Seventeen, Moss Lane, Whitefield, Manchester, M45 8FJ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SW (NW)	344	8	380996 406083
172	Points of Interest - Commercial Services Name: Headleys Transport Ltd Location: 1 Hilltop Avenue, Whitefield, Manchester, M45 8FG Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14SW (E)	350	8	381583 405693
173	Points of Interest - Commercial Services Name: Auto Scuff & Valet Location: 64 Thatch Leach Lane, Whitefield, Manchester, M45 6BE Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A8NE (SE)	396	8	381407 405291

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
173	Points of Interest - Commercial Services Name: Auto Scuff & Valet Location: 64 Thatch Leach Lane, Whitefield, Manchester, M45 6BE Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A8NE (SE)	396	8	381407 405291
174	Points of Interest - Commercial Services Name: Symphony Paints Location: 36 Stanley Road, Whitefield, Manchester, M45 8QX Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18SW (N)	415	8	381071 406197
174	Points of Interest - Commercial Services Name: Symphony Paints Location: 36 Stanley Road, Whitefield, Manchester, M45 8QX Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18SW (N)	415	8	381071 406197
174	Points of Interest - Commercial Services Name: Syntema Northwest Ltd Location: 36 Stanley Road, Whitefield, Manchester, M45 8QX Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18SW (N)	415	8	381071 406197
175	Points of Interest - Commercial Services Name: A & M Transport Services Location: 57 Balmoral Avenue, Whitefield, Manchester, M45 6BB Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A8NE (SE)	487	8	381409 405189
176	Points of Interest - Commercial Services Name: Tier 1 Location: 59 Stanley Road, Whitefield, Manchester, M45 8GZ Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A18SW (N)	503	8	381109 406296
176	Points of Interest - Commercial Services Name: Manchester M O T & Service Centre Location: Unit 1 Moss Lane Industrial Estate, Egremont Close, Whitefield, Manchester, M45 8FH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SW (N)	505	8	381039 406282
176	Points of Interest - Commercial Services Name: Greenvale Services Location: Moss Lane Industrial Estate, Egremont Close, Whitefield, Manchester, M45 8FH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SW (N)	517	8	381043 406296
177	Points of Interest - Commercial Services Name: Motorterm P M B Location: Higher Lane Garage, Higher Lane, Whitefield, Manchester, M45 7FZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NE (SW)	569	8	380703 405333
177	Points of Interest - Commercial Services Name: Pmb Car Care Centre Location: Higher Lane Garage, Higher Lane, Whitefield, Manchester, M45 7FZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NE (SW)	570	8	380703 405333
177	Points of Interest - Commercial Services Name: P M B Car Care Centre Location: Higher Lane Garage, Higher Lane, Whitefield, Manchester, M45 7FZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NE (SW)	570	8	380703 405333

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
178	Points of Interest - Commercial Services Name: Wizard on Wheels Location: 63 Kenilworth Avenue, Whitefield, Manchester, M45 6TR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (SE)	600	8	381502 405110
179	Points of Interest - Commercial Services Name: B P Currie Location: 13 Swinton Crescent, Bury, BL9 8PA Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18SE (N)	608	8	381372 406380
180	Points of Interest - Commercial Services Name: Reg Evans Location: 95 Bury Old Road, Whitefield, Manchester, M45 7AY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8SW (S)	609	8	381063 405030
180	Points of Interest - Commercial Services Name: Reg Evans Location: 95 Bury Old Road, Whitefield, Manchester, M45 7AY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8SW (S)	609	8	381063 405030
181	Points of Interest - Commercial Services Name: Mark Kendrew Transport Location: 90 Cunningham Drive, Bury, BL9 8PD Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18SE (NE)	615	8	381477 406343
182	Points of Interest - Commercial Services Name: Cjb Auto Repairs Location: 8 Beverley Close, Whitefield, Manchester, M45 8BB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	633	8	381692 406185
182	Points of Interest - Commercial Services Name: C J B Auto Repairs Location: 8 Beverley Close, Whitefield, Manchester, M45 8BB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	633	8	381692 406185
183	Points of Interest - Commercial Services Name: New York Carwash Location: 229 Bury New Road, Whitefield, Manchester, M45 8GW Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A17SW (NW)	742	8	380474 406096
184	Points of Interest - Commercial Services Name: Parr Lane Service Station Location: Parr Lane, Bury, BL9 8LZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NE (N)	775	8	381349 406558
184	Points of Interest - Commercial Services Name: Parr Lane Service Station Location: Parr Lane, Bury, BL9 8LZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NE (N)	782	8	381345 406566
185	Points of Interest - Commercial Services Name: M A Auto Electrics Location: 273 Bury New Road, Whitefield, Manchester, M45 8QP Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	916	8	380398 406301
186	Points of Interest - Commercial Services Name: Vehicle Surveys North West Location: 25 Nursery Road, Prestwich, Manchester, M25 3DU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A3NE (S)	964	8	381291 404666

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
187	Points of Interest - Manufacturing and Production Name: Victoria Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	264	8	381008 405436
188	Points of Interest - Manufacturing and Production Name: Works Location: M45 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A18SW (N)	462	8	381168 406261
188	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	474	8	381173 406273
188	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	492	8	381108 406285
188	Points of Interest - Manufacturing and Production Name: Works Location: M45 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	493	8	381108 406286
189	Points of Interest - Manufacturing and Production Name: Tank Location: M45 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A17SE (NW)	486	8	380822 406133
190	Points of Interest - Manufacturing and Production Name: Tank Location: M45 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8NW (SW)	487	8	380898 405237
191	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	560	8	380958 406309
191	Points of Interest - Manufacturing and Production Name: Works Location: M45 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	560	8	380958 406309
192	Points of Interest - Manufacturing and Production Name: Beau Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	563	8	380699 405352
192	Points of Interest - Manufacturing and Production Name: Beau Works Location: M45 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	563	8	380699 405352
193	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	892	8	380380 406233

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
193	Points of Interest - Manufacturing and Production Name: Works Location: M45 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	893	8	380380 406234
194	Points of Interest - Public Infrastructure Name: I Am the Man with A Van Location: 20 Hazel Road, Whitefield, Manchester, M45 8EU Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A14NW (E)	476	8	381707 405753
194	Points of Interest - Public Infrastructure Name: I Am the Man with A Van Location: 20 Hazel Road, Whitefield, Manchester, M45 8EU Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A14NW (E)	476	8	381707 405753
195	Points of Interest - Public Infrastructure Name: Whitefield Police Station Location: Whitefield Police Station, Bury New Road, Whitefield, Manchester, M45 8QN Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A12NE (W)	561	8	380595 405915
196	Points of Interest - Public Infrastructure Name: Esso Location: 73 Bury Old Road, Whitefield, Manchester, M45 6TB Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A8SE (S)	742	8	381214 404884
196	Points of Interest - Public Infrastructure Name: Kirkhams Service Station Location: 73 Bury Old Road, Whitefield, Manchester, M45 6TB Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A8SE (S)	742	8	381214 404884
196	Points of Interest - Public Infrastructure Name: Esso Location: 71-73 Bury Old Road, Whitefield, Manchester, M45 6TB Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A8SE (S)	750	8	381208 404875
196	Points of Interest - Public Infrastructure Name: Kirkhams Service Station Location: 73, Bury Old Road, Whitefield, Manchester, M45 6TB Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A8SE (S)	750	8	381208 404875
196	Points of Interest - Public Infrastructure Name: Esso Location: 73 Bury Old Road, Whitefield, Manchester, M45 6TB Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A8SE (S)	751	8	381207 404874
197	Points of Interest - Public Infrastructure Name: Bus Station Location: M45 Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	747	8	380531 406197
197	Points of Interest - Public Infrastructure Name: Morrisons Petrol Station Location: 5 Stanley Road, Whitefield, Manchester, M45 8QH Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A17SE (NW)	749	8	380528 406196
198	Points of Interest - Public Infrastructure Name: Whitefield Fire Station Location: Fire Station, Bury New Road, Whitefield, Manchester, M45 7SY Category: Central and Local Government Class Code: Fire Brigade Stations Positional Accuracy: Positioned to address or location	A17NW (NW)	975	8	380477 406480

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
198	Points of Interest - Public Infrastructure Name: Whitefield Fire Station Location: Fire Station, Bury New Road, Whitefield, Manchester, M45 7SY Category: Central and Local Government Class Code: Fire Brigade Stations Positional Accuracy: Positioned to address or location	A17NW (NW)	975	8	380477 406480
198	Points of Interest - Public Infrastructure Name: Whitefield Fire Station Location: Fire Station, Bury New Road, Whitefield, Manchester, M45 7SY Category: Central and Local Government Class Code: Fire Brigade Stations Positional Accuracy: Positioned to address or location	A17NW (NW)	975	8	380477 406480
199	Points of Interest - Recreational and Environmental Name: Playground Location: Victoria Lane, M45 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	322	8	380897 405495
199	Points of Interest - Recreational and Environmental Name: Playground Location: Victoria Lane, M45 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	326	8	380903 405474
200	Points of Interest - Recreational and Environmental Name: Play Area Location: M45 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	364	8	381477 405380
201	Points of Interest - Recreational and Environmental Name: Playground Location: Stanley Road, M45 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A17SE (NW)	631	8	380635 406142
202	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	632	8	381035 406412
202	Points of Interest - Recreational and Environmental Name: Playground Location: Tintern Avenue, M45 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	632	8	381035 406412
203	Points of Interest - Recreational and Environmental Name: Play Area Location: M45 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	689	8	380467 405931
204	Points of Interest - Recreational and Environmental Name: Play Area Location: M45 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	866	8	380650 406481
205	Points of Interest - Recreational and Environmental Name: Play Area Location: M45 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	903	8	382001 406211

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
206	Areas of Adopted Green Belt Authority: Bury Metropolitan Borough Council Plan Name: Bury Unitary Development Plan Status: Adopted Plan Date: 29th August 1997	A7NE (SW)	665	6	380642 405251
207	Areas of Adopted Green Belt Authority: Bury Metropolitan Borough Council Plan Name: Bury Unitary Development Plan Status: Adopted Plan Date: 29th August 1997	A19SW (NE)	761	6	381845 406195
208	Nitrate Vulnerable Zones Name: Irwell / Man. Ship Canal (Kearsley To Irlam Locks) Nvz Description: Surface Water Source: Environment Agency, Head Office	A7NE (SW)	665	4	380577 405345

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Environment Agency - Head Office Manchester City Council - Environmental Health Department Salford City Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Bolton Metropolitan Borough Council - Environmental Health Department Bury Metropolitan Borough Council - Environmental Health Department	June 2020 October 2017 October 2017 October 2017 September 2017 September 2017	Annually Annual Rolling Update Annual Rolling Update Annually Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - North West Region	July 2021	Quarterly
Enforcement and Prohibition Notices Environment Agency - North West Region	March 2013	
Integrated Pollution Controls Environment Agency - North West Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - North West Region	July 2021	Quarterly
Local Authority Integrated Pollution Prevention And Control Bury Metropolitan Borough Council - Environmental Health Department Bolton Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department Manchester City Council - Environmental Health Department	February 2015 July 2014 July 2014 March 2015 September 2014	Variable Variable Variable Variable Variable
Local Authority Pollution Prevention and Controls Bury Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Bolton Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department Manchester City Council - Environmental Health Department	February 2015 July 2014 July 2014 March 2015 September 2014	Not Applicable Annual Rolling Update Not Applicable Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Bury Metropolitan Borough Council - Environmental Health Department Bolton Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department Manchester City Council - Environmental Health Department	February 2015 July 2014 July 2014 March 2015 September 2014	Variable Variable Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	June 2021	
Pollution Incidents to Controlled Waters Environment Agency - North West Region	January 2000	
Prosecutions Relating to Authorised Processes Environment Agency - North West Region	July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - North West Region	March 2013	
Registered Radioactive Substances Environment Agency - North West Region	June 2016	Annually
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	Annually
Substantiated Pollution Incident Register Environment Agency - North West Region - South Area	July 2021	Quarterly

Agency & Hydrological	Version	Update Cycle
Water Abstractions Environment Agency - North West Region	July 2021	Quarterly
Water Industry Act Referrals Environment Agency - North West Region	October 2017	Quarterly
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	May 2021	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	March 2021	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	March 2021	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	March 2021	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	March 2021	Quarterly
Flood Defences Environment Agency - Head Office	March 2021	Quarterly
OS Water Network Lines Ordnance Survey	July 2021	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water Suitability Environment Agency - Head Office	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	May 2021	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - North West Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North West Region - South Area	July 2021	Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North West Region - South Area	July 2021	Quarterly
Local Authority Landfill Coverage Bolton Metropolitan Borough Council Bury Metropolitan Borough Council Manchester City Council - Planning Department Rochdale Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department	February 2003 February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Bolton Metropolitan Borough Council Bury Metropolitan Borough Council Manchester City Council - Planning Department Rochdale Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department	October 2018 October 2018 October 2018 October 2018 October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency - North West Region - South Area	March 2006	Not Applicable
Registered Waste Transfer Sites Environment Agency - North West Region - South Area	April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - North West Region - South Area	June 2015	
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Bolton Metropolitan Borough Council - Planning Department Bury Metropolitan Borough Council Manchester City Council - Planning Department Rochdale Metropolitan Borough Council Salford City Council	February 2016 February 2016 February 2016 February 2016 June 2016	Variable Variable Variable Variable Variable
Planning Hazardous Substance Consents Bolton Metropolitan Borough Council - Planning Department Bury Metropolitan Borough Council Manchester City Council - Planning Department Rochdale Metropolitan Borough Council Salford City Council	February 2016 February 2016 February 2016 February 2016 June 2016	Variable Variable Variable Variable Variable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	Annually
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2021	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	July 2021	Quarterly
Fuel Station Entries Catalist Ltd - Experian	August 2021	Quarterly
Gas Pipelines National Grid	May 2021	Annually
Points of Interest - Commercial Services PointX	September 2021	Quarterly
Points of Interest - Education and Health PointX	September 2021	Quarterly
Points of Interest - Manufacturing and Production PointX	September 2021	Quarterly
Points of Interest - Public Infrastructure PointX	September 2021	Quarterly
Points of Interest - Recreational and Environmental PointX	September 2021	Quarterly
Underground Electrical Cables National Grid	May 2021	Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt Bolton Metropolitan Borough Council Bury Metropolitan Borough Council Manchester City Council Rochdale Metropolitan Borough Council Salford City Council	October 2020 October 2020 October 2020 October 2020 October 2020	Quarterly Quarterly Quarterly Quarterly Quarterly
Areas of Unadopted Green Belt Bolton Metropolitan Borough Council Bury Metropolitan Borough Council Manchester City Council Rochdale Metropolitan Borough Council Salford City Council	October 2020 October 2020 October 2020 October 2020 October 2020	Quarterly Quarterly Quarterly Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	February 2021	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	January 2021	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 June 2017	Bi-Annually
Ramsar Sites Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest Natural England	February 2021	Bi-Annually
Special Areas of Conservation Natural England	July 2020	Bi-Annually
Special Protection Areas Natural England	February 2021	Bi-Annually

A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Bury Metropolitan Borough Council - Environmental Health Department 3 Knowsley Place, Duke Street, Bury, Lancashire, BL9 0EJ	Telephone: 0161 253 5000 Fax: 0161 253 5563 Website: www.bury.gov.uk
4	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	Bury Metropolitan Borough Council Craig House, Bank Street, Bury, Lancashire, BL9 0DN	Telephone: 0161 253 5000 Fax: 0161 705 5290 Website: www.bury.gov.uk
7	The Coal Authority - Property Searches 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website: www2.groundstability.com
8	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
9	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
10	Manchester City Council Town Hall, Albert Square, Manchester, Greater Manchester, M60 2JT	Telephone: 0161 234 5000 Fax: 0161 234 4508 Website: www.manchester.gov.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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