



**Starling
Environmental
Limited**

67 Chorley Old Road, Bolton, Greater Manchester, BL1 3AJ

www: starlingenvironmental.co.uk

Tel: 07989 73122

SITE CONDITION REPORT

**for
AGECROFT RECYCLING
OVERMAN WAY, SWINTON**

Report No 109/3C

July 2024

For

A1 Services (Manchester) Limited

part of Heidelberg Materials UK

Mayo House, 4 Overman Way,

Agecroft Commerce Park,

Swinton, Manchester,

M27 8BA

| DOCUMENT CONTROL | |
|-------------------------|--|
| DOCUMENT TITLE | Environmental Risk Assessment |
| REPORT NO | 109/3C |
| DATE ISSUED | 10/9/2024 |
| PREPARED BY | C Gettinby |
| REVISIONS | Original 14/11/2023 Rev A – restriction of permit boundary to exclude southern area and activities 6/6/24 Rev B – southern area put back in as expansion of existing permit boundary 4/7/24 Rev C – revision to appended drawing no 109/05A |

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APPENDICES

- Appendix A - Drawings
- Appendix B - Historical Maps
- Appendix C - Google Earth Images and Site Photos
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DRAWINGS

- Drawing No 109/01 – Site Location Plan
- Drawing No 109/02B – Existing Site Layout Plan
- Drawing No 109/03 – Receptors
- Drawing No 109/05A – Proposed Site Layout Plan
- Original Permit Boundary (2012)
- Drawing No 26092/03 – Site Boundary (2017)
- Drawing No 12604/05 – Partial surrender area (2019)

| 1. SITE DETAILS | |
|--|--|
| Name of the applicant | A1 Services (Manchester) Limited |
| Activity address | Overman Way Agecroft Commerce Park Swinton Manchester M27 8BQ |
| National grid reference | SD 80489 00866 |
| Permit Number | EPR/JB3701XB |
| Document reference and dates for Site Condition Report at permit application | 109/3B July 2024 |
| Document references for site plans (including location and boundaries) | Drawing No 109/01 – Site Location Plan Drawing No 109/02B – Existing Site layout Plan Drawing No 109/03 – Receptors Drawing No 109/05A – Proposed Site Layout Plan (including new land to be incorporated into permit) All drawings listed are contained in Appendix A |

2. CONDITION OF THE LAND AT PERMIT ISSUE

2.1 Environmental setting including geology, hydrogeology and surface waters

Geology

The underlying geology of the site area can be seen on the British Geological Society's Geological Viewer of Britain. The bedrock is Pennine Lower Coal Measures formation (mudstone, siltstone, sandstone) and the superficial geology consists of river terrace deposits (sand and gravel).

Hydrogeology

The superficial deposits (sand and gravel) are classified as secondary A aquifer by the Environment Agency, which are permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers.

The bedrock is also classed as secondary A aquifer, as defined above.

The site is not situated within a groundwater source protection zone.

Surface Waters

There are no surface water features within the site. The closest are the River Irwell, approximately 330 m to the east, and the disused Manchester-Bolton-Bury Canal, 40 m to the east.

The canal is classed as disused because it is no longer navigable and has been infilled in places but it has value as a green corridor, which is why it is classed as a Site of Biological Interest (see section 3 below). The section immediately to the east of the site is infilled but it holds water further north.

The site is not situated within a flood risk zone.

2.2 Pollution history including:

- pollution incidents that may have affected land
- historical land-uses and associated contaminants
- any visual/olfactory evidence of existing contamination
- evidence of damage to pollution prevention measures

Site Details

The site comprises a rectangular shaped parcel of industrial land covering approximately 3.7 hectares. The northern area houses an office building, garage/workshop, weighbridge and truck parking. The southern portion of the site is used for waste processing and storage. All waste operations are conducted in the yard. The site current layout is shown on Drawing No 109/02B and the proposed site layout is shown on Drawing No 109/05A.

The area of land to the west to be included in the permit has been recently used as a storage area, consisting of a concreted yard with an open fronted building. The building is 525 m² and is used to store new stone products. The yard has been used to store pallets of stone products (eg. paving stone, flags). Temporary bays have been constructed with concrete blocks in the yard and used for storage of aggregates. These bays have been put up and taken down as required by the demand for products. This area drains to an underground storage tank and water is harvested for use in the waste transfer station.

There is an HGV parking area to the north of the yard which is surfaced with hardstanding. This has been used for overnight vehicle parking of tipper wagons and other company vehicles.

The area to the south to be included in the permit boundary has been used for waste operations since 2012. It was previously occupied by railway sidings as part of Agecroft Junction and covers an area of approximately 1 hectare.

Site History

Historical maps contained in Appendix B show the site was formerly part of Agecroft Colliery which was developed and operated between circa 1840 and 1991. The colliery was originally established to the north but was extended to incorporate the site in the 1950s. The site is shown on the 1967-1977 maps to contain railway sidings leading to Agecroft Junction. The northern area of the site and beyond is recorded as a historical landfill site 'Agecroft Colliery landfill'.

The colliery closed in 1991, and the 1999 map shows that the infrastructure around the site has been demolished. This also shows the beginning of development for the Commerce Park in the form of a new road and roundabout labelled 'Agecroft Park Circle'. Google Earth imagery from 2000 also shows that the site is cleared and vegetated.

By 2003 the commerce park to the west of the site can be seen developing using Google Earth imagery. The transfer station can be seen on Google Earth imagery by 2013, which accords with the issue of the permit in 2012. Appendix C contains a series of Google Earth images which shows the development of the site over time.

The area to the west was used for general storage of products and equipment up until around 2017, after which it was delineated into the current format for HGV parking in the north and storage in the south. In 2021 the storage yard was concreted and a new building erected along with product storage bays.

Pollution History

The area was historically part of the colliery works and the northern extent of the site is part of a registered landfill. The immediate surrounding area was part of Agecroft Junction, where coal was presumably loaded onto trains for transportation. It is suspected that the site may be contaminated with organic compounds originated from coal, such as polyaromatic hydrocarbons (PAHs). The area may also have been contaminated with heavy metals, oil and other organic compounds from its use as a railway siding.

A Groundsure report has been obtained for the site and is contained in Appendix D. There are no recorded on-site pollution incidents.

There have been no pollution incidents recorded during the recent land use.

Evidence of Contamination

A site walkover was undertaken on 30th October 2023 and photos are contained in Appendix C. The yard surface was in a good state of repair and there was no evidence of contamination. The temporary wash plant is in place and trial processing is being carried out.

A further site visit was carried out on 1st July 2024 and a walkover of the southern area (formerly occupied by Chartrange) was carried out. The area is generally flat and surfaced with hardcore, shown in photograph No 4 in Appendix C.

2.3 Evidence of historic contamination

for example, historical site investigation, assessment, remediation and verification reports (where available)

There are no reports available to the operator detailing the above information.

2.4 Baseline soil and groundwater reference data

There is no baseline soil or groundwater reference data for the area.

| |
|---|
| 3. PERMITTED ACTIVITIES |
| 3.1 Permitted activities |
| Household, Commercial and Industrial waste transfer station allowing treatment and transfer of non-hazardous waste; storage of limited amount of hazardous waste (up to 50 tn at any one time), soil washing. Recovery codes: R3, R4, R5, R13 Disposal codes: D9, D15 |
| 3.2 Non-permitted activities undertaken |
| None |
| 3.3 Document references |
| Site layout drawings in Appendix A Report No 109/1B Environmental Risk Assessment |

4. CHANGES TO THE ACTIVITY

4.1 Changes to the activity boundary

The boundary has been altered as follows:

- The original permit was issued in 2012 and the permit boundary was as shown in Schedule 7 of the permit which is reproduced in Appendix A as ‘Original permit Boundary’.
- In 2017 the southern portion of the site was transferred to Chartrange Quarry Products Limited. This is shown on Drawing No 26092/03 dated October 2016.
- In 2020 a small area on the eastern boundary was surrendered so that a hazardous waste installation permit could be applied to this area for storage of hazardous waste (mainly soil) in a building under permit EPR/ZP3400BE. This is shown on Drawing No 12604/05 Partial Surrender Area, October 2019.
- In 2024 an application has been submitted to extend the site boundary to the west and south as shown on Drawing No 109/05A. This area is owned by the operator. The area to the west has been used for storage of new quarried products and for parking of HGVs, as described in Section 2.2. The area to the south was part of the original permit boundary and has been used for waste activities, first by A1 Services permit boundary and subsequently by Chartrange Quarry products Limited, who have now vacated site and have no right of access.

4.2 Changes to the permitted activities

- Site activities are restricted to processing construction, demolition and excavation waste to produce aggregate products. The permit has not been altered to remove restrict the activities, this is a business decision by the operator.
- Application submitted in July 2024 to add a new activity to allow soil washing to produce recycled aggregate products. Application also requests increase of throughput from 235,000 tn to 750,000 tn and to extends the permit boundary as described in 4.1 above. The changes are described in Report No 109/1B Environmental Risk Assessment.

4.3 Dangerous Substances

Have any ‘dangerous substances’ not identified in the Application Site Condition Report been used or produced as a result of the permitted activities?

No

4.4 Checklist of Supporting Information

- Report No 109/1B Environmental Risk Assessment
- Drawing No 109/05A – Proposed Site Layout Plan
- Original Permit Boundary (2012)
- Drawing No 26092/03 – Site Boundary (2017)
- Drawing No 12604/05 – Partial surrender area (2019)

APPENDIX A

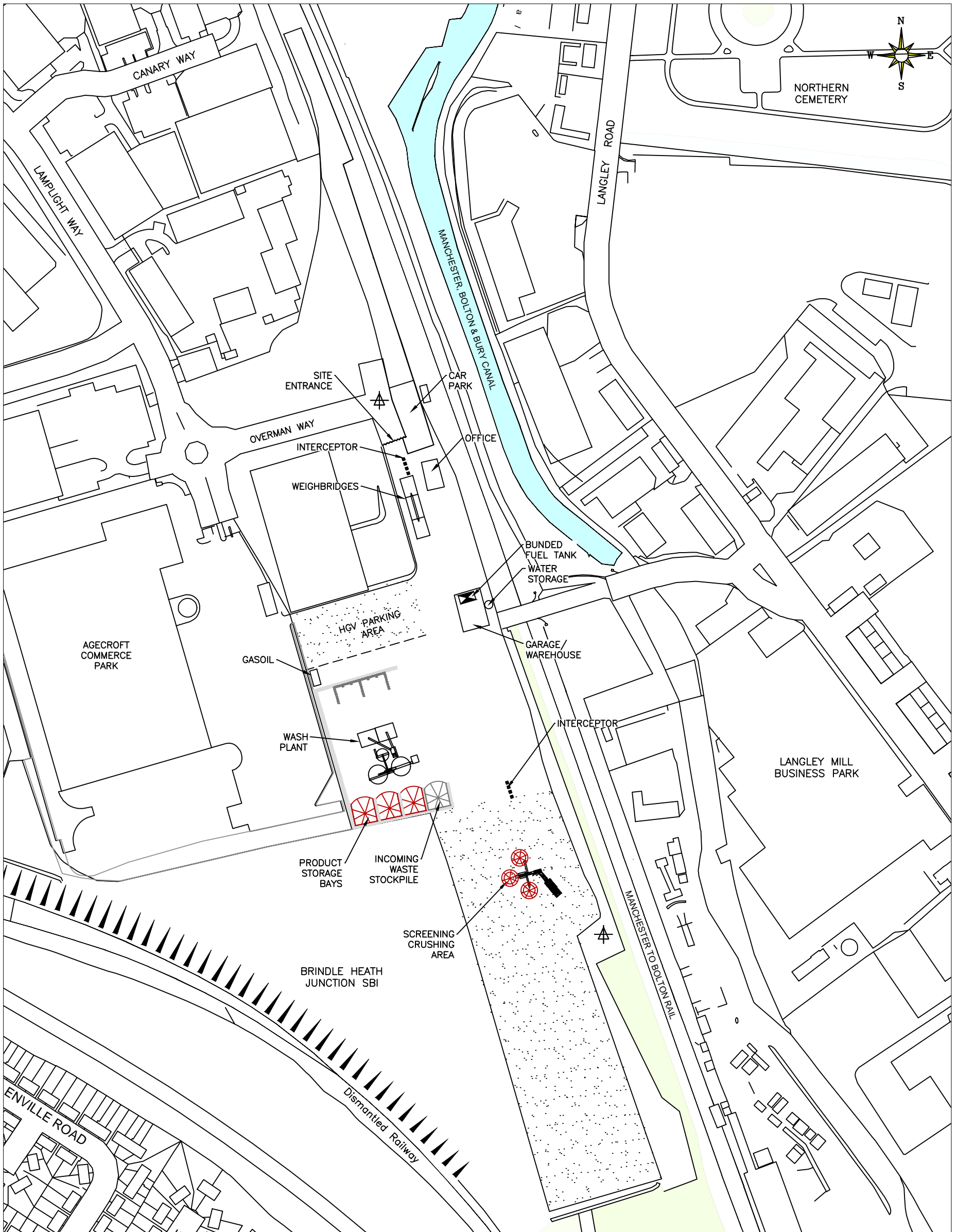
Drawings




EXTRACT FROM OS LANDRANGER MAP 109 MANCHESTER, BOLTON & WARRINGTON
 ORDNANCE SURVEY © CROWN COPYRIGHT 2009. ALL RIGHTS RESERVED. LICENCE NUMBER 100031841.

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| | | |
|--|-------------------------|---------------------------|
| CLIENT A1 SERVICES (MANCHESTER) LIMITED | DRAWN BY. M.Y.B | APPROVED BY. C.G |
| JOB TITLE. A1 WASTE TRANSFER STATION | DATE. 26/10/23 | DRAWING No. 109/02 |
| DRAWING TITLE. SITE LOCATION PLAN | SCALE ● A4. 1:50,000 | |



LEGEND  DUST MONITORING POINT  HARDSTANDING

STARLING ENVIRONMENTAL LIMITED
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 Greater Manchester, BL1 3AJ
 www: starlingenvironmental.co.uk
 email: claire@starlingenvironmental.co.uk
 Tel: 07989 673122

CLIENT
A1 SERVICES (MANCHESTER) LIMITED

JOB TITLE.
A1 WASTE TRANSFER STATION

DRAWING TITLE.
EXISTING SITE LAYOUT PLAN

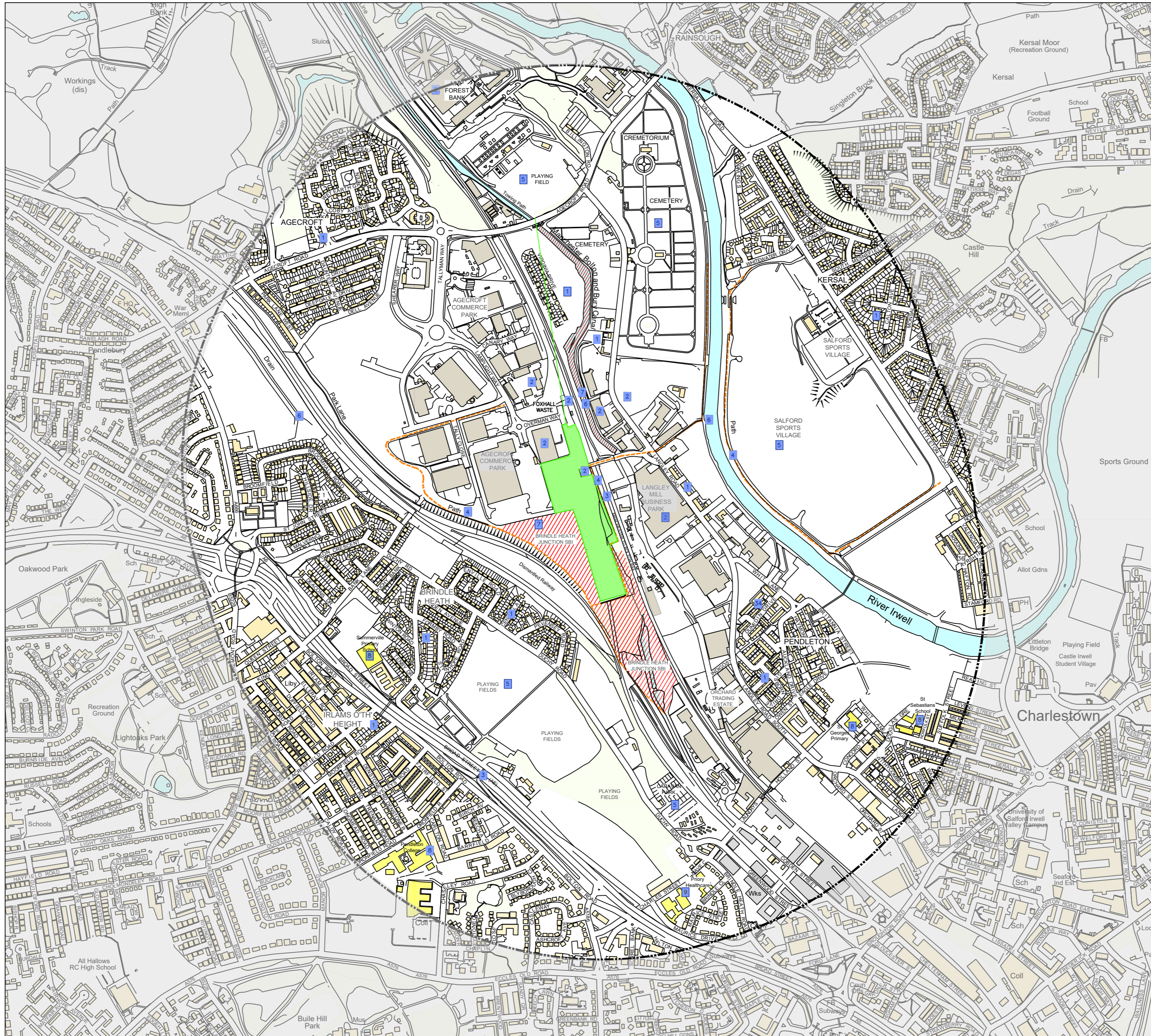
DRAWN BY.
M.Y.B

DATE.
26/10/23

SCALE @ A3.
1:1,250

APPROVED BY.
C.G

DRAWING No.
109/02B



LEGEND

- PERMIT AREA
- SITE OF BIOLOGICAL INTEREST
- RESIDENTIAL
- SCHOOL/CARE FACILITY
- INDUSTRIAL/COMMERCIAL
- PUBLIC RIGHT OF WAY
- 1 KM RECEPTOR BOUNDARY
- 1 RECEPTOR REFERENCE



PREDOMINANT WIND DIRECTION IS FROM THE SOUTH

| REV. | DESCRIPTION | DATE | BY |
|------|-------------|------|----|
| | | | |
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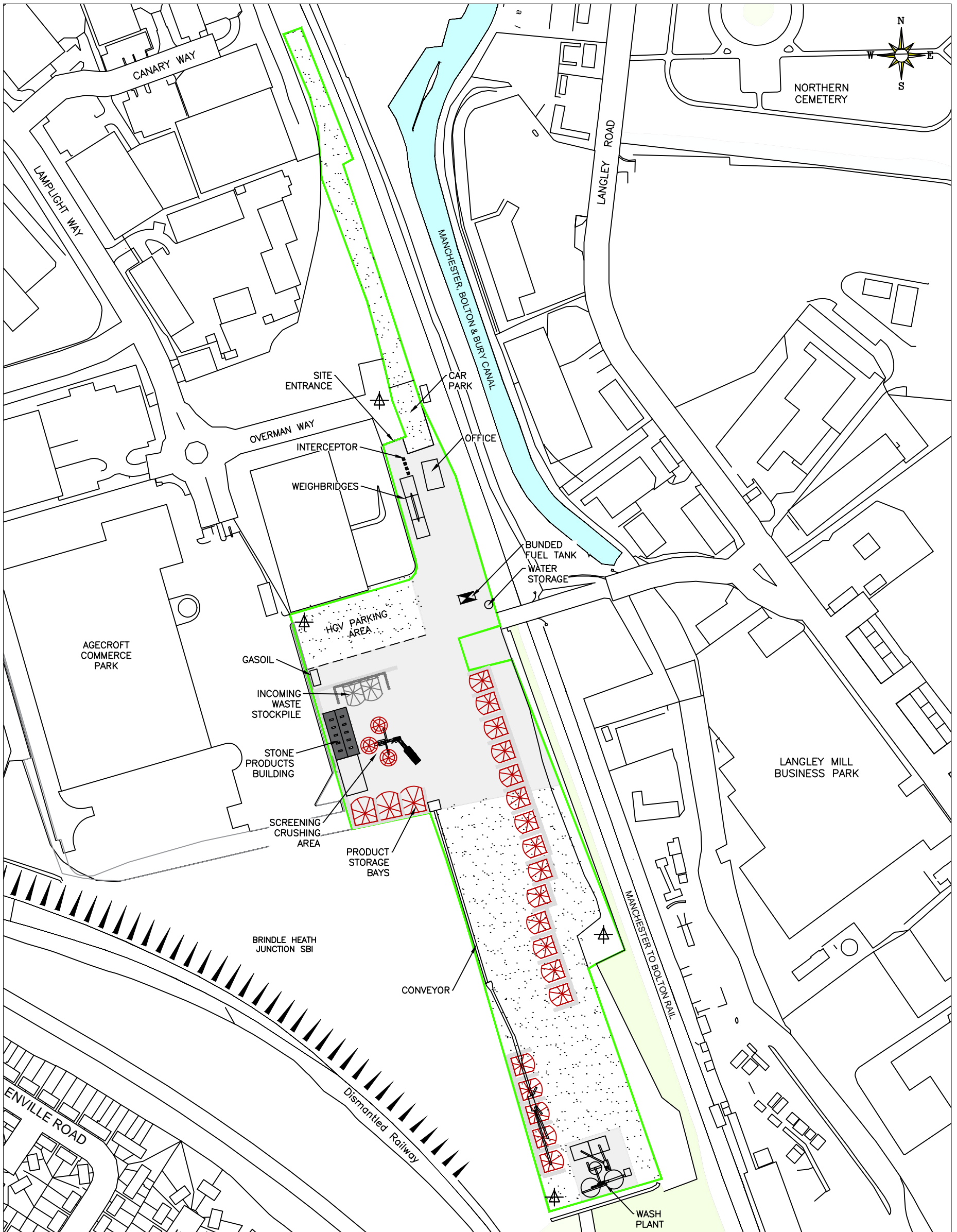
STARLING ENVIRONMENTAL LIMITED
 67 Chorley Old Road, Bolton,
 Greater Manchester, BL1 3AJ
 www: starlingenvironmental.co.uk
 email: claire@starlingenvironmental.co.uk
 Tel: 07989 673122

CLIENT:
**A1 SERVICES
 MANCHESTER
 (LIMITED)**

JOB TITLE:
**A1 WASTE TRANSFER
 STATION**

DRAWING TITLE:
**RECEPTORS
 WITHIN 1 KM PLAN**

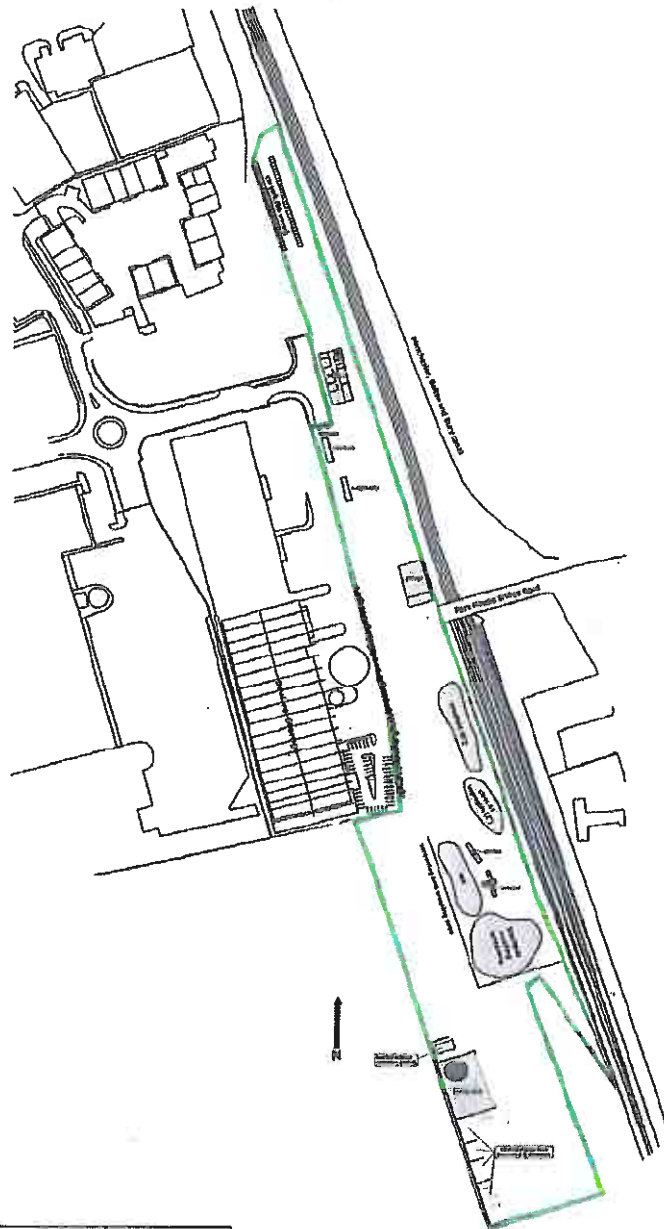
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|--------------------|---------------------------|------------------------------|
| DRAWN BY: M.Y.B | APPROVED BY: C.G | DRAWING NO. 109/03 |
| DATE: 26/10/23 | SCALE: AS SHOWN 1:4000 | |



LEGEND — PERMIT BOUNDARY HARDSTANDING CONCRETE SURFACE ▲ DUST MONITORING POINT

| | | | | |
|---|--|-------------------------------|-----------------------------------|--|
| STARLING ENVIRONMENTAL LIMITED 67 Chorley Old Road, Bolton, Greater Manchester, BL1 3AJ www: starlingenvironmental.co.uk email: claire@starlingenvironmental.co.uk Tel: 07989 673122 | CLIENT A1 SERVICES (MANCHESTER) LIMITED | DRAWN BY. M.Y.B | APPROVED BY. C.G | |
| | JOB TITLE. A1 WASTE TRANSFER STATION | DATE. 03/07/2024 | DRAWING No. 109/05A | |
| | DRAWING TITLE. PROPOSED SITE LAYOUT PLAN | SCALE @ A3. 1:1,250 | | |

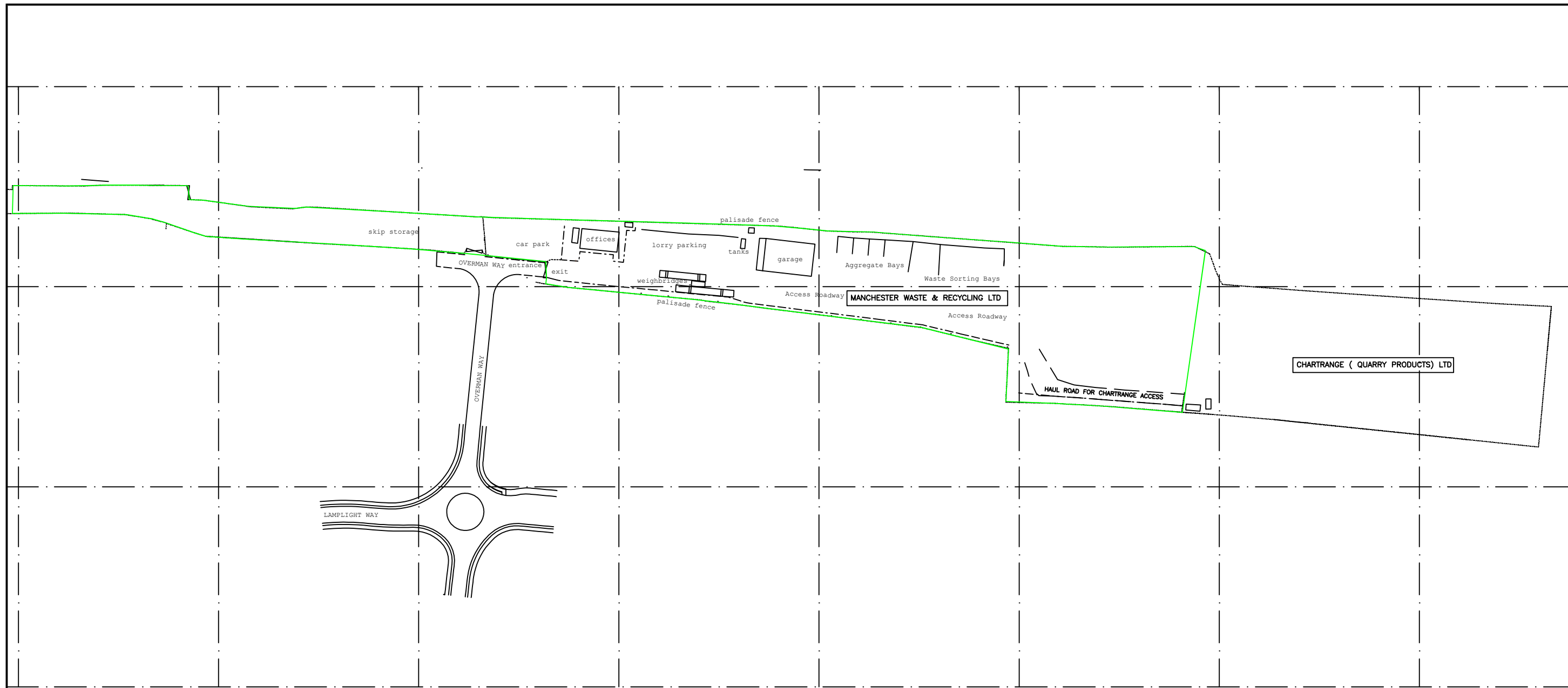
Schedule 7 - Site plan



| Type/Description | Date | Scale |
|----------------------|-------------------------|-------|
| SITE LAYOUT PLAN | July 2011 | N/A |
| Drawing by Plan 2 | Manchester Tipplers Ltd | |

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END OF PERMIT



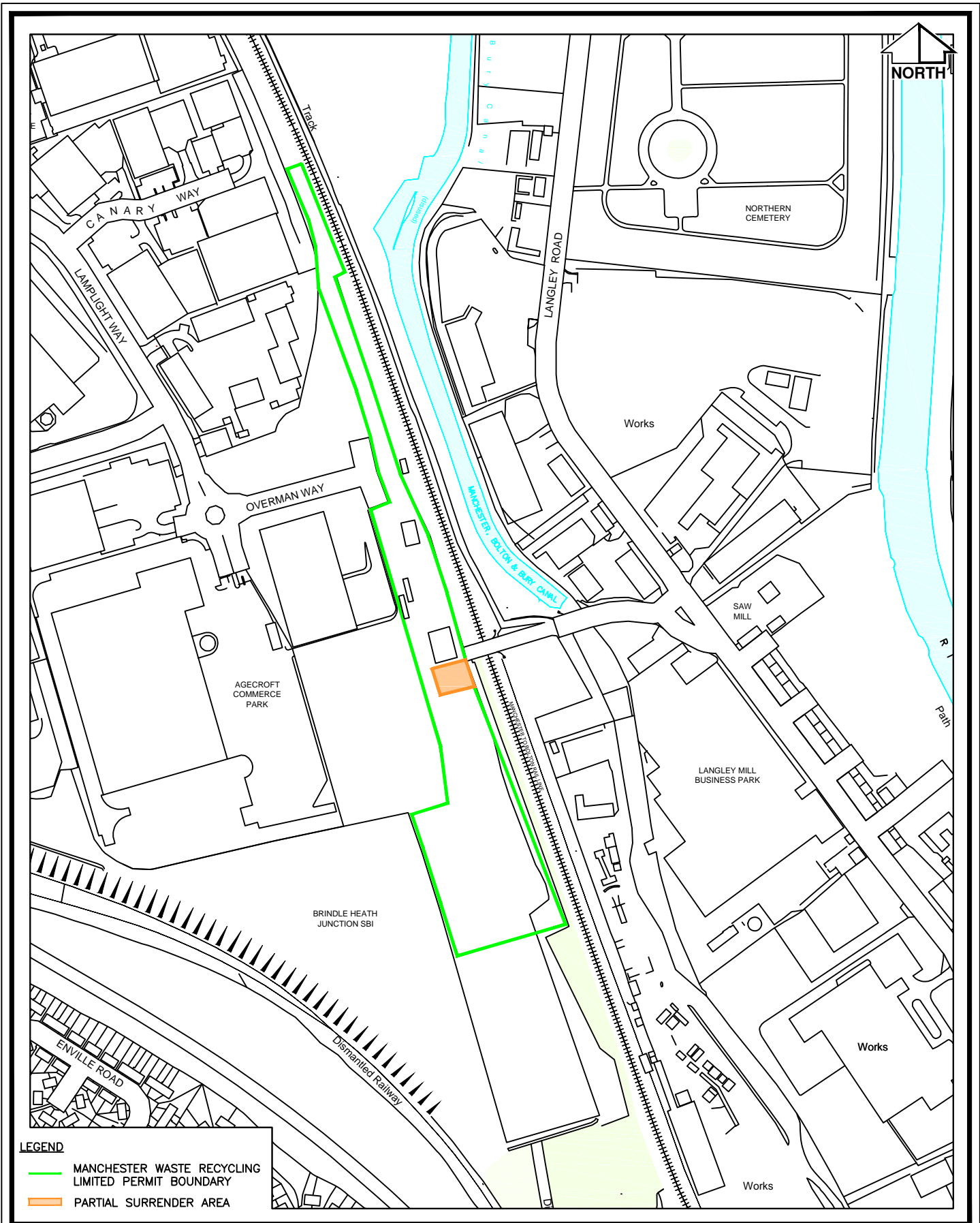
CLIENT
 MANCHESTER WASTE & RECYCLING LTD

JOB
 AGECROFT COMMERCE PARK
 OVERMAN WAY
 MANCHESTER M27 8BQ

TITLE
 MANCHESTER WASTE & RECYCLING LTD
 EXISTING SITE LAYOUT

| | | |
|---------|-------------------|----------|
| DRAWN | DH | |
| DATE | OCT 2016 | CHECKED |
| SCALE | 1 : 1000@A1 | APPROVED |
| DRG No. | 26092/03/MANWASTE | REV A |

RFP SURVEYS
 Consulting
 Engineers
 Tel: 0161 655 3703
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 46/48 Long Street, Middleton, Manchester M24 6UQ



THE ARLEY CONSULTING COMPANY LIMITED

Chorleian House
49-51 St Thomas's Road
Chorley, Lancashire PR7 1JE

Tel: 01257 278300
Fax: 01257 268063
E-mail: mailbox@taccl.co.uk

CLIENT
MANCHESTER WASTE RECYCLING LIMITED

JOB TITLE
A1 WASTE TRANSFER STATION

DRAWING TITLE
PARTIAL SURRENDER AREA

DRAWN BY.
M.Y.B.

APPROVED BY.
C.G.

DATE.
28/10/2019

SCALE ● A4.
1:400

DRAWING No.
12604/05

APPENDIX B

Historical Maps

Site Details:

380489 400866

Client Ref: A1_Services
Report Ref: GS-SB2-9BX-64K-9ER
Grid Ref: 380411, 400886

Map Name: County Series

Map date: 1848-1850

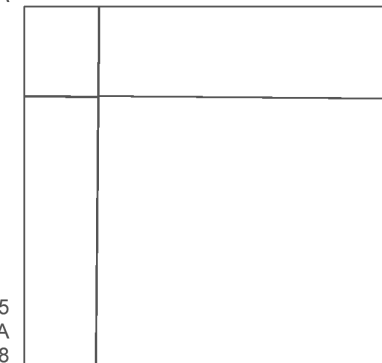
Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1846
 Revised N/A
 Edition 1850
 Copyright N/A
 Levelled N/A

Surveyed 1845
 Revised N/A
 Edition 1848
 Copyright N/A
 Levelled N/A



Surveyed 1845
 Revised N/A
 Edition 1848
 Copyright N/A
 Levelled N/A

Surveyed 1845
 Revised N/A
 Edition 1848
 Copyright N/A
 Levelled N/A



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Production date: 10 November 2023

Map legend available at:
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Site Details:

380489 400866

Client Ref: A1_Services
Report Ref: GS-SB2-9BX-64K-9ER
Grid Ref: 380411, 400886

Map Name: County Series

Map date: 1889-1894

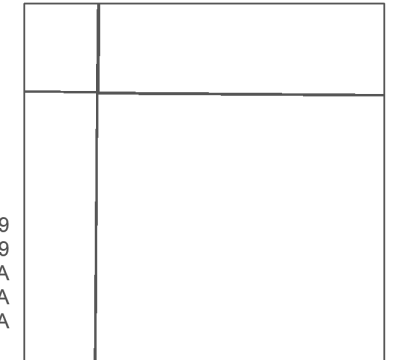
Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1891
 Revised 1891
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1891
 Revised 1891
 Edition N/A
 Copyright N/A
 Levelled N/A



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 Edition N/A
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 Levelled N/A

Surveyed 1889
 Revised 1889
 Edition 1894
 Copyright N/A
 Levelled N/A

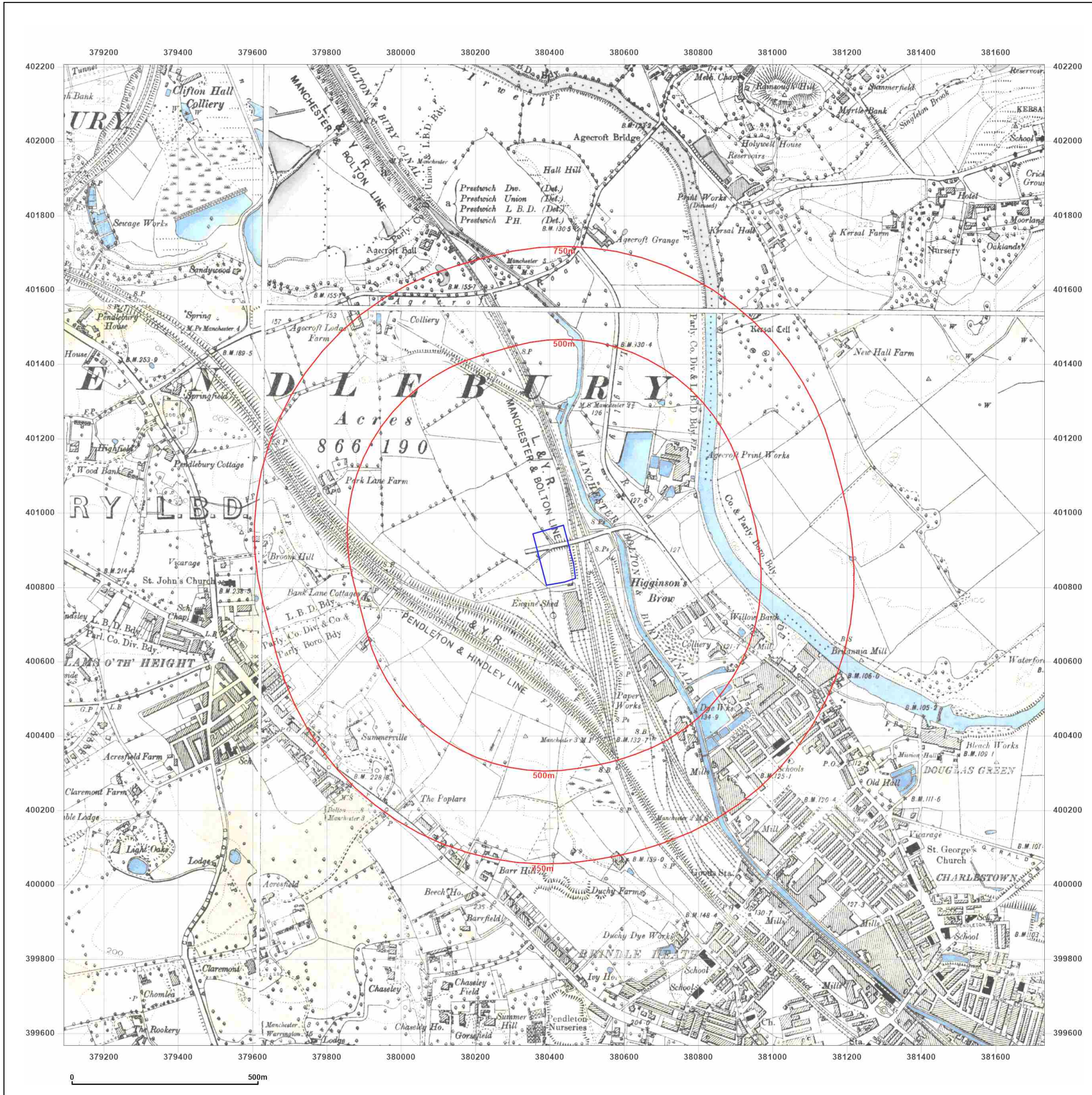


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Site Details:

380489 400866

Client Ref: A1_Services
Report Ref: GS-SB2-9BX-64K-9ER
Grid Ref: 380411, 400886

Map Name: County Series

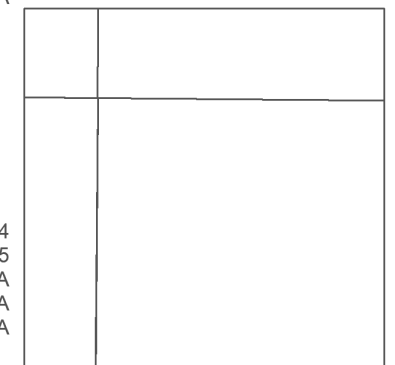
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 Edition N/A
 Copyright N/A
 Levelled N/A



Surveyed 1844
 Revised 1905
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1844
 Revised 1906
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 Levelled N/A

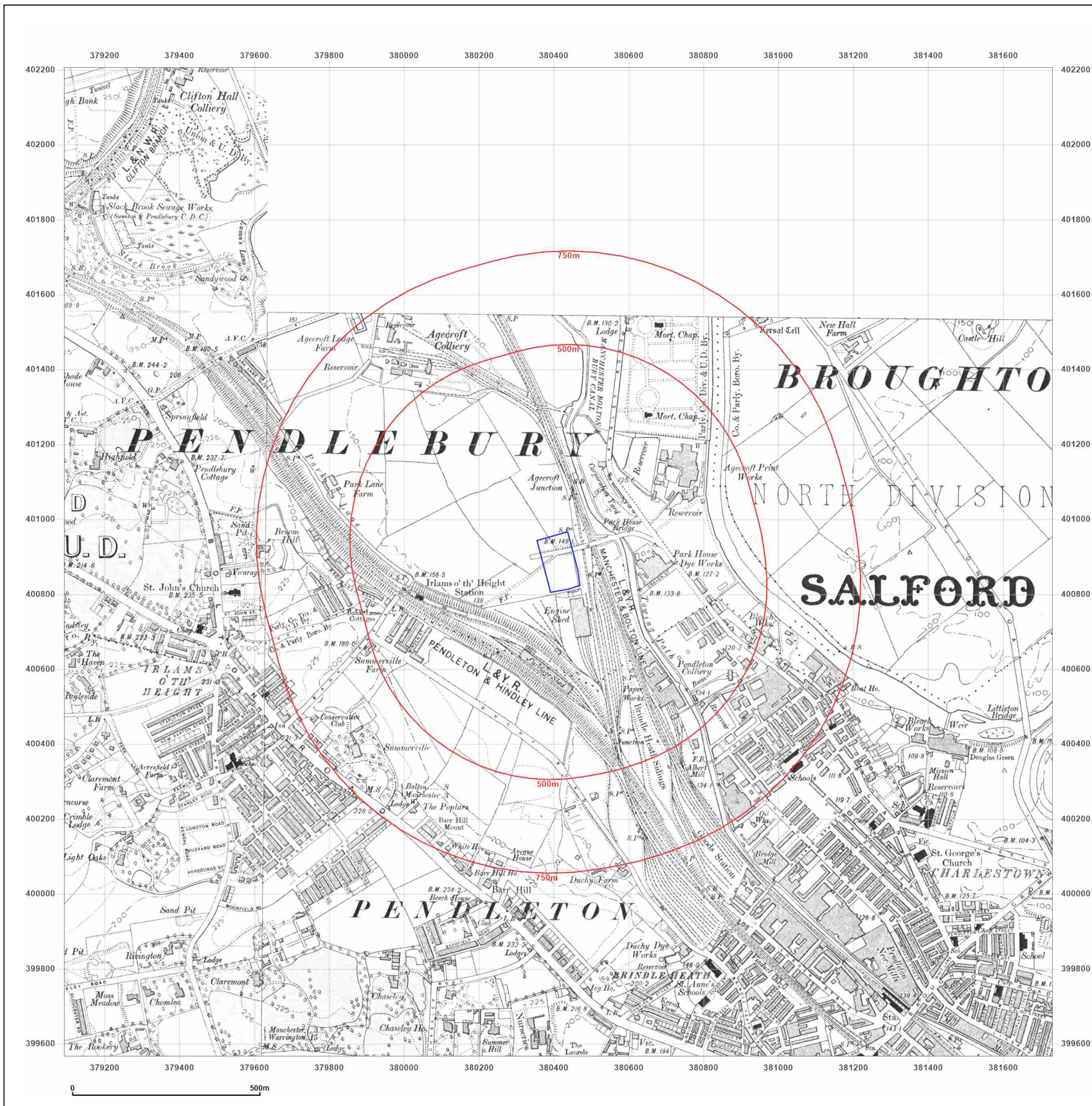


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Site Details:

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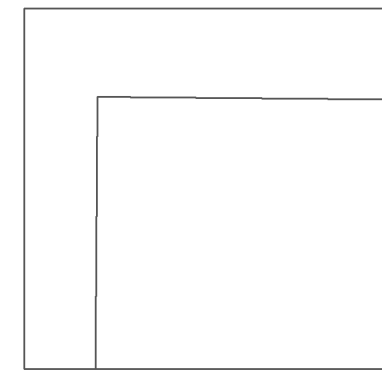
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Grid Ref: 380411, 400886

Map Name: County Series

Map date: 1923

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Printed at: 1:10,560



Surveyed 1844
 Revised 1916
 Edition 1923
 Copyright N/A
 Levelled 1915

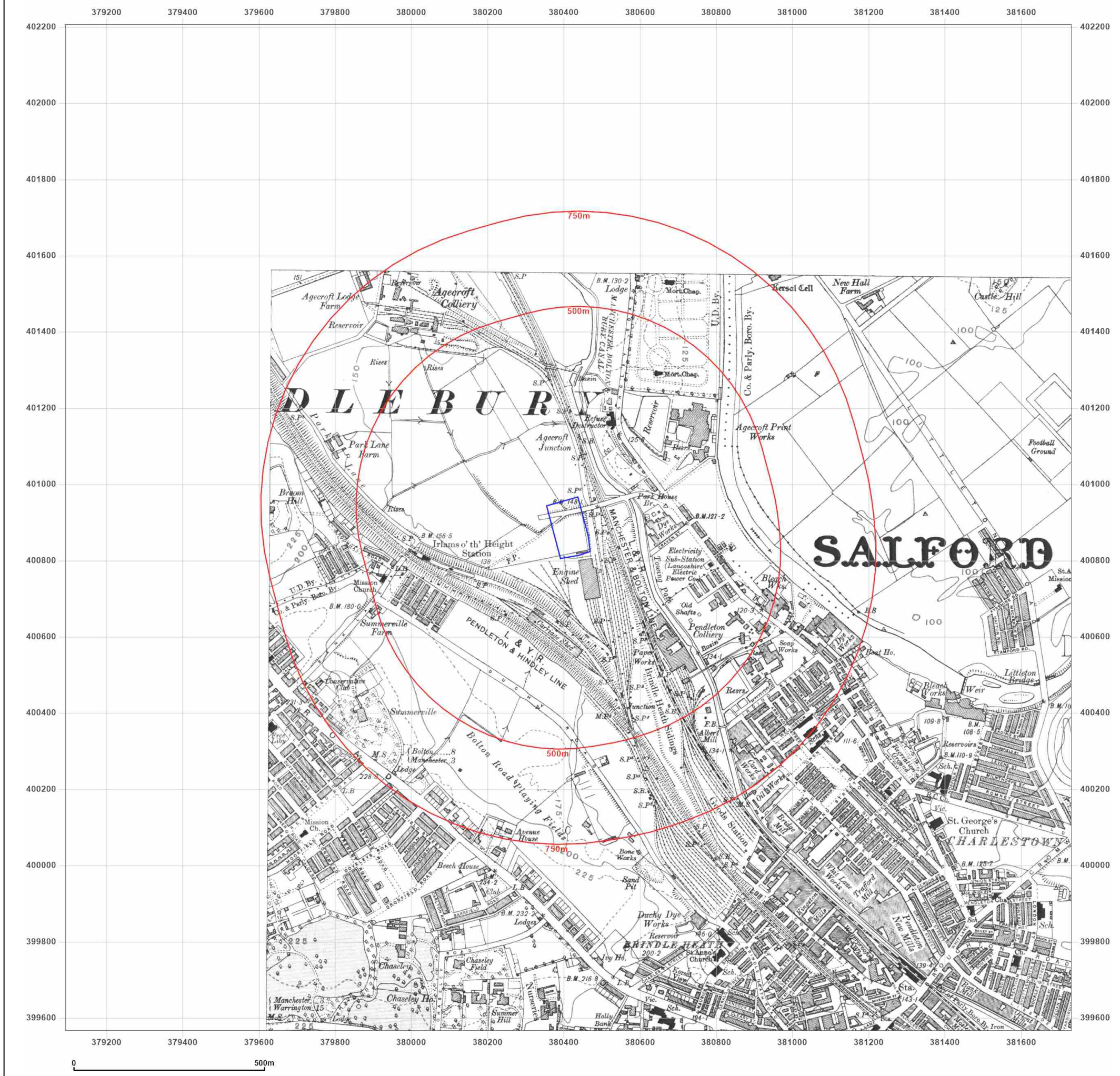


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Site Details:

380489 400866

Client Ref: A1_Services
Report Ref: GS-SB2-9BX-64K-9ER
Grid Ref: 380411, 400886

Map Name: County Series

Map date: 1923-1927

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1844
 Revised 1927
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1844
 Revised 1923
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1844
 Revised 1927
 Edition N/A
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 Edition 1923
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Site Details:

380489 400866

Client Ref: A1_Services
Report Ref: GS-SB2-9BX-64K-9ER
Grid Ref: 380411, 400886

Map Name: County Series

Map date: 1931-1932

Scale: 1:10,560

Printed at: 1:10,560



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 Revised 1932
 Edition N/A
 Copyright N/A
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Surveyed 1844
 Revised 1931
 Edition 1931
 Copyright N/A
 Levelled 1927

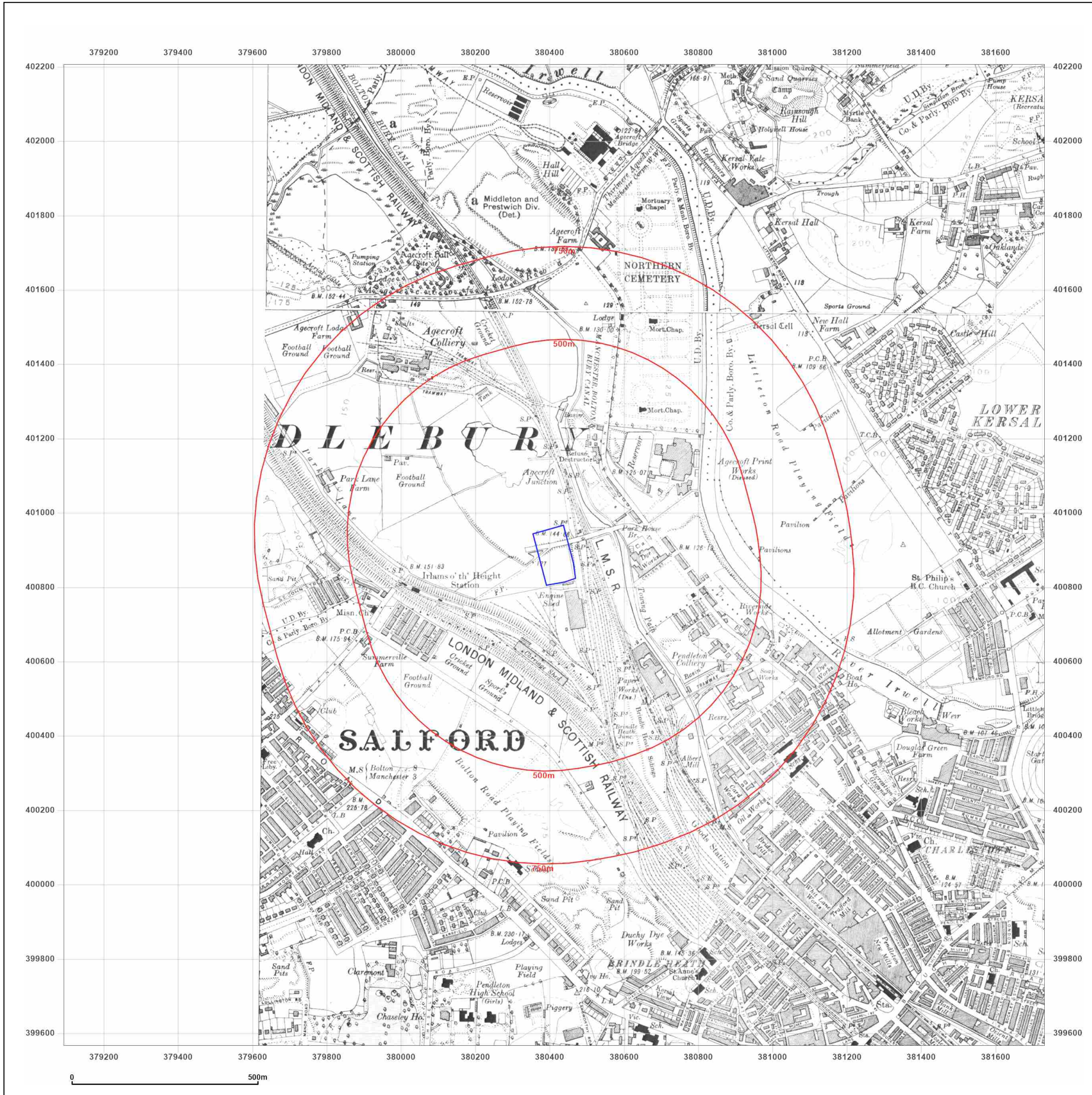


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Site Details:

380489 400866

Client Ref: A1_Services
Report Ref: GS-SB2-9BX-64K-9ER
Grid Ref: 380411, 400886

Map Name: County Series

Map date: 1937-1938

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1844
 Revised 1937
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1844
 Revised 1938
 Edition N/A
 Copyright N/A
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Surveyed 1844
 Revised 1938
 Edition 1938
 Copyright N/A
 Levelled N/A

Surveyed 1844
 Revised 1938
 Edition 1938
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 Levelled 1927

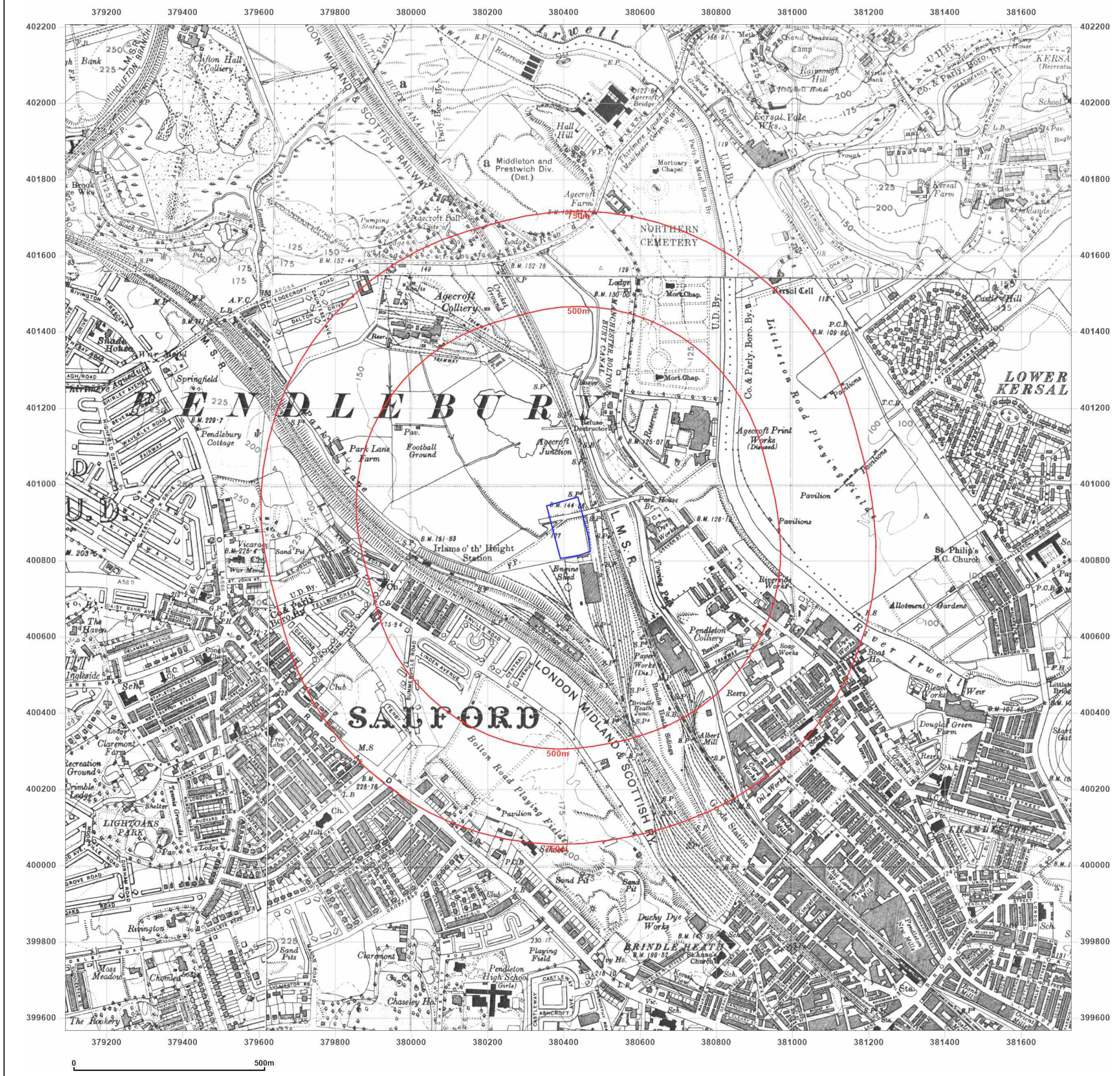


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Site Details:

380489 400866

Client Ref: A1_Services
Report Ref: GS-SB2-9BX-64K-9ER
Grid Ref: 380411, 400886

Map Name: Provisional

Map date: 1956

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1956
 Revised 1956
 Edition N/A
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 Levelled N/A

Surveyed 1956
 Revised 1956
 Edition N/A
 Copyright N/A
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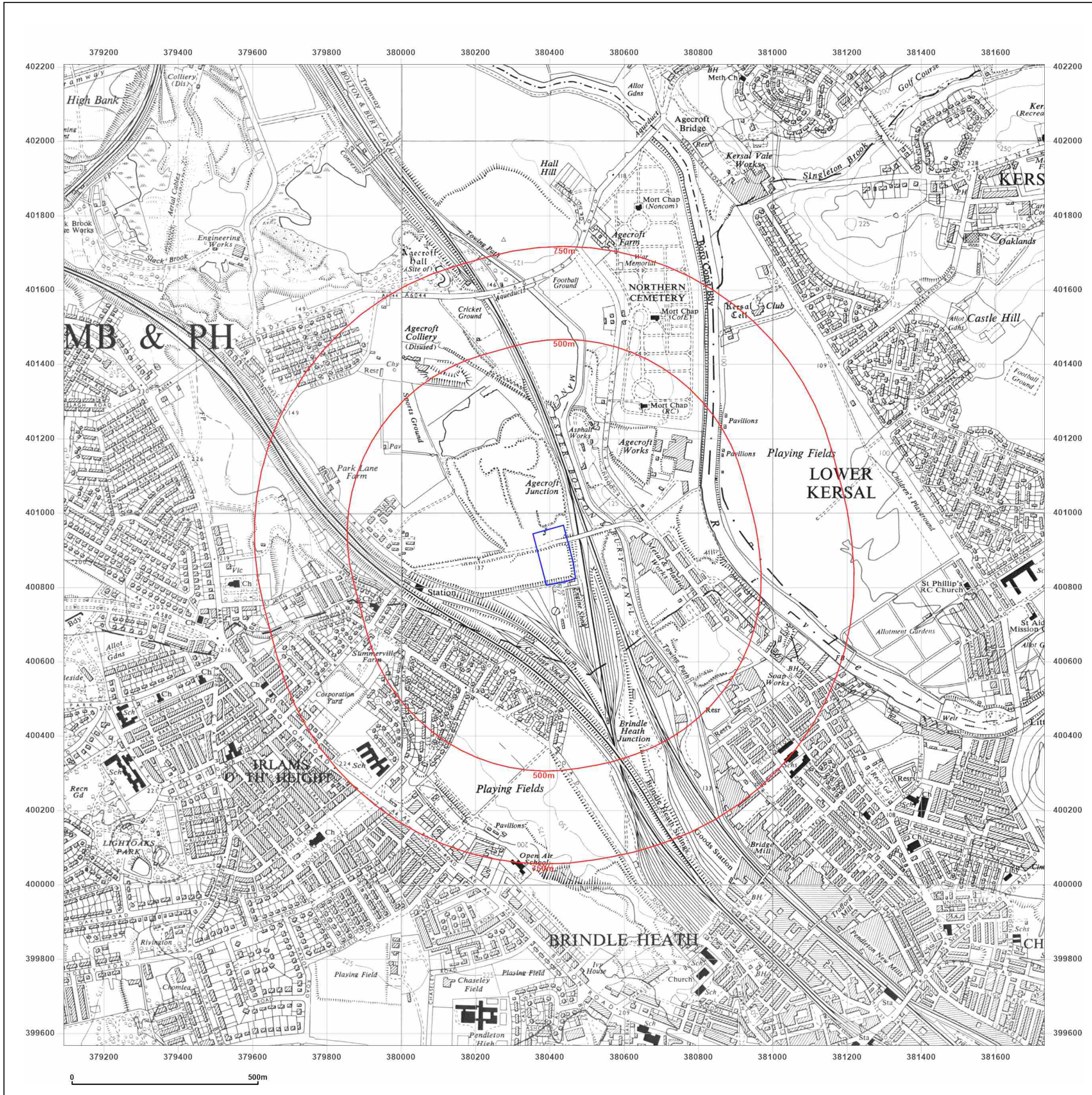


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Site Details:

380489 400866

Client Ref: A1_Services
Report Ref: GS-SB2-9BX-64K-9ER
Grid Ref: 380411, 400886

Map Name: Provisional

Map date: 1967-1968

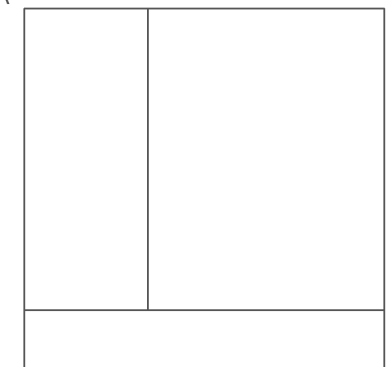
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Printed at: 1:10,560



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 Revised 1967
 Edition N/A
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 Levelled N/A

Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright N/A
 Levelled N/A

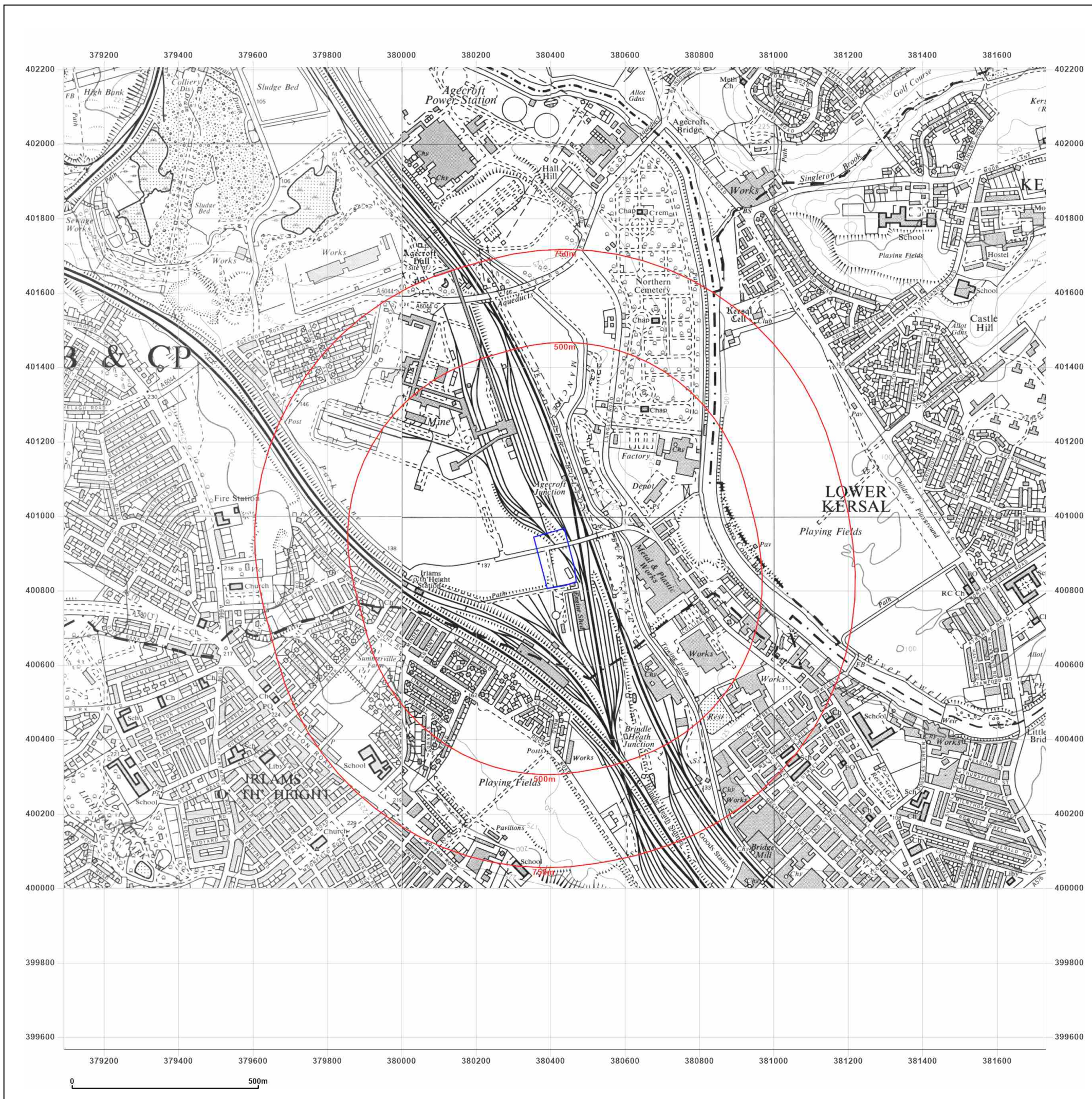


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Site Details:

380489 400866

Client Ref: A1_Services
Report Ref: GS-SB2-9BX-64K-9ER
Grid Ref: 380411, 400886

Map Name: National Grid

Map date: 1972-1977

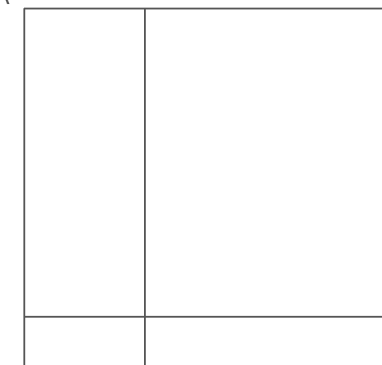
Scale: 1:10,000

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 Revised 1973
 Edition N/A
 Copyright N/A
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Surveyed 1975
 Revised 1977
 Edition N/A
 Copyright N/A
 Levelled N/A



Surveyed 1971
 Revised 1972
 Edition N/A
 Copyright 1972
 Levelled 1972

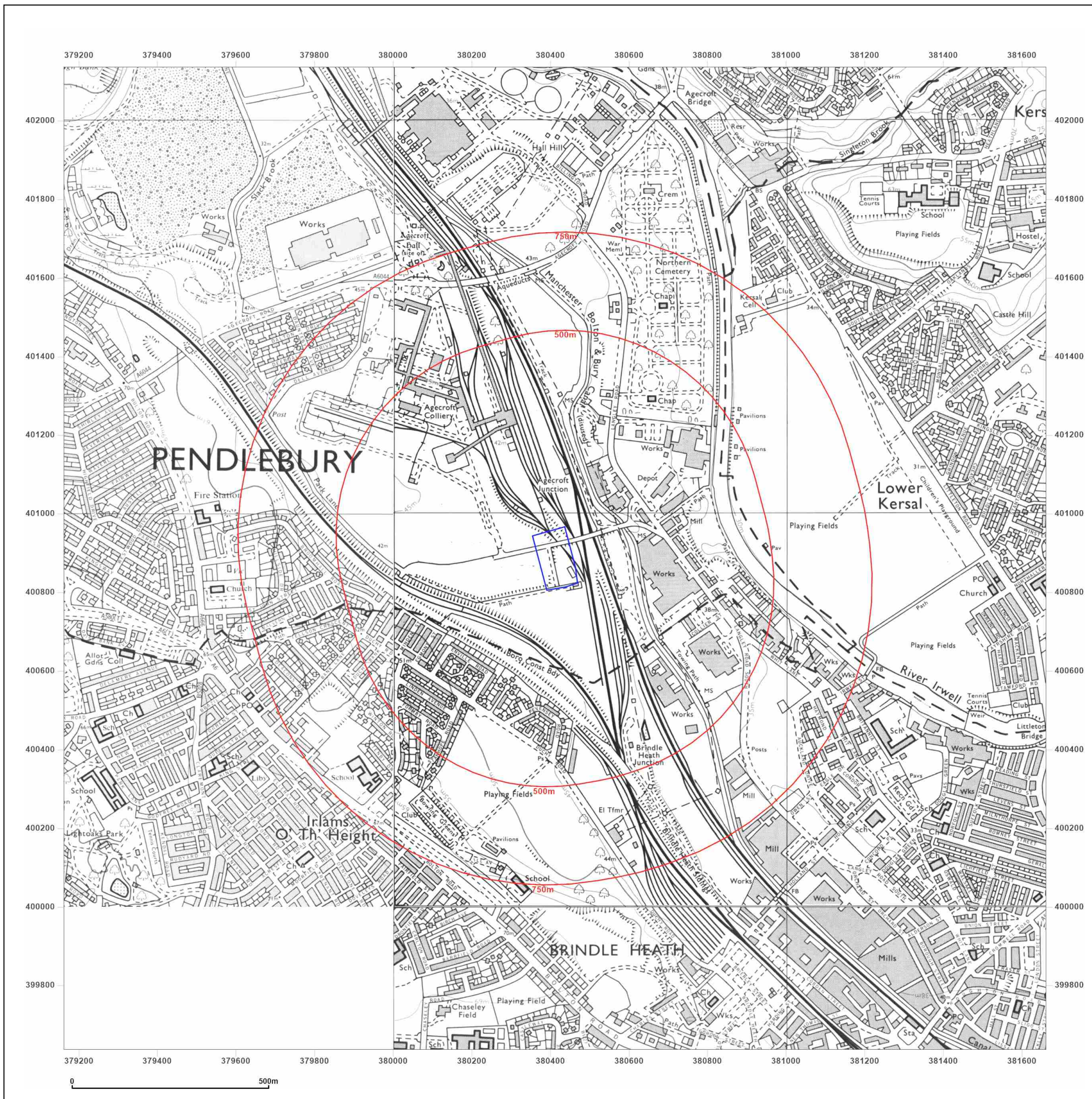


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Site Details:

380489 400866

Client Ref: A1_Services
Report Ref: GS-SB2-9BX-64K-9ER
Grid Ref: 380411, 400886

Map Name: National Grid

Map date: 1984-1988

Scale: 1:10,000

Printed at: 1:10,000



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 Edition N/A
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 Revised 1985
 Edition N/A
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 Levelled N/A

Surveyed 1953
 Revised 1983
 Edition N/A
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 Levelled N/A

Surveyed 1983
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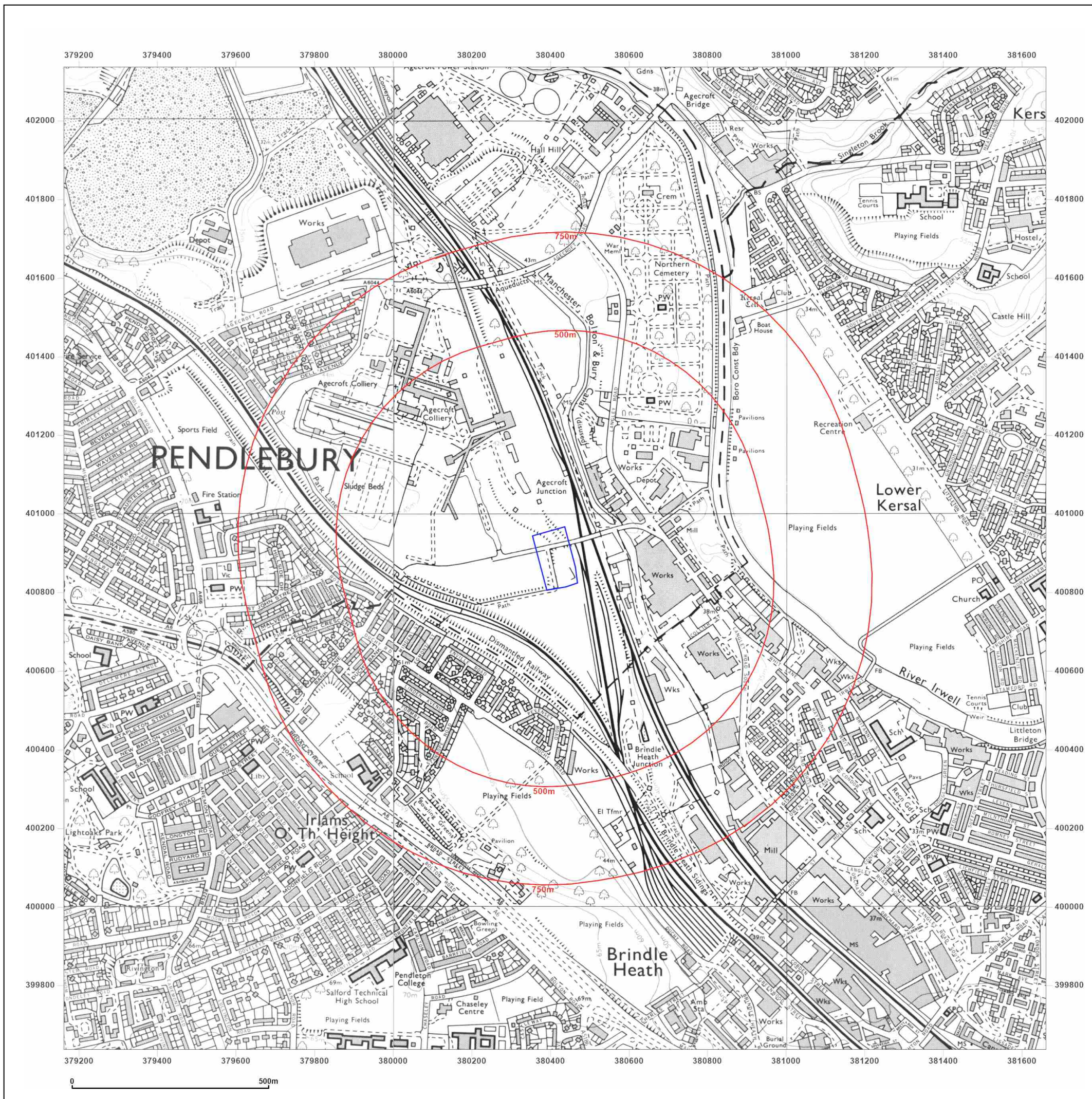


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Production date: 10 November 2023

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Site Details:

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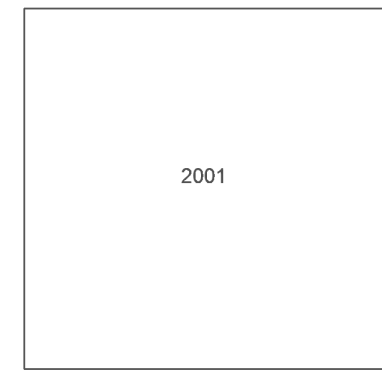
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Map Name: National Grid

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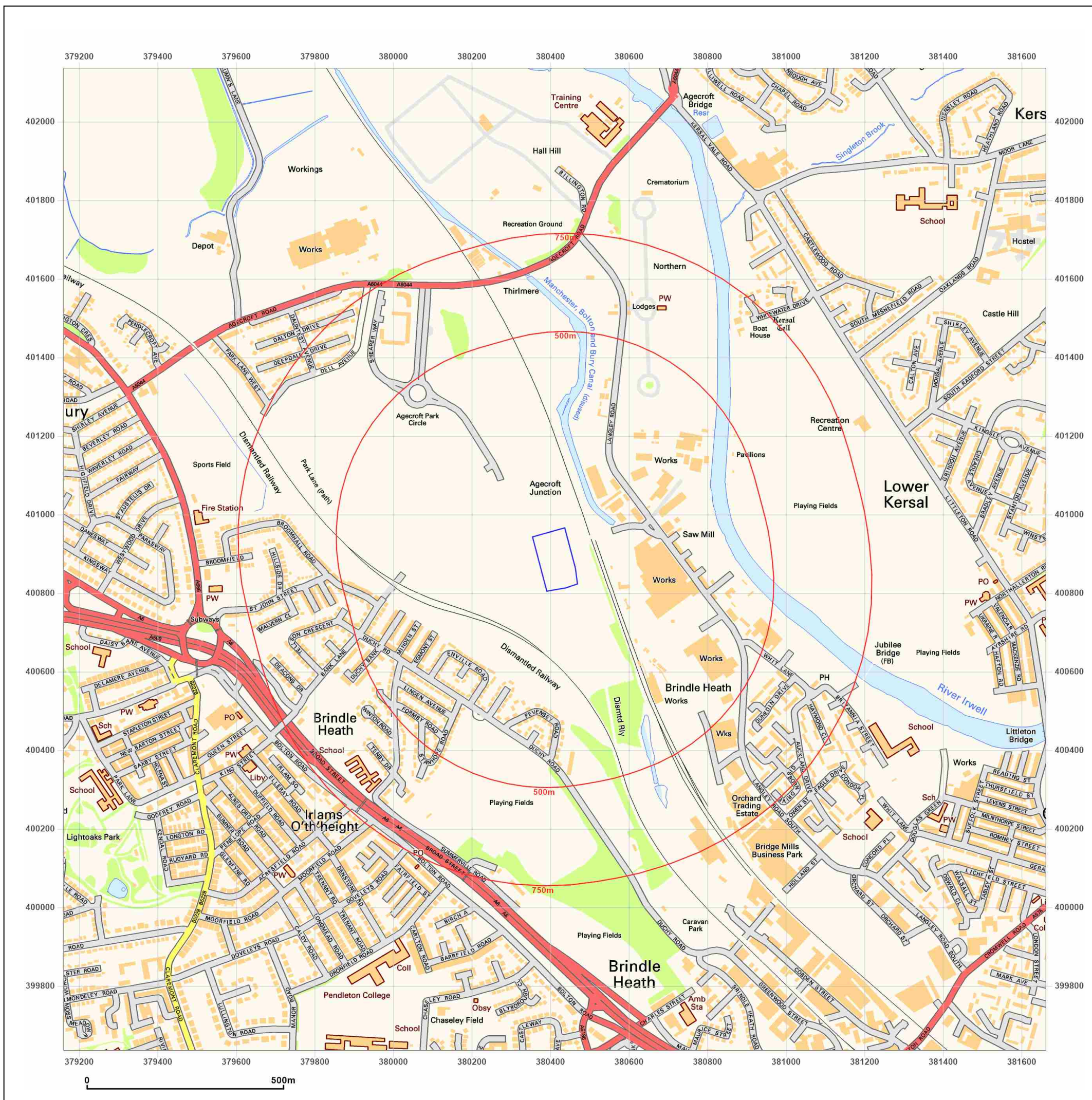


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Site Details:

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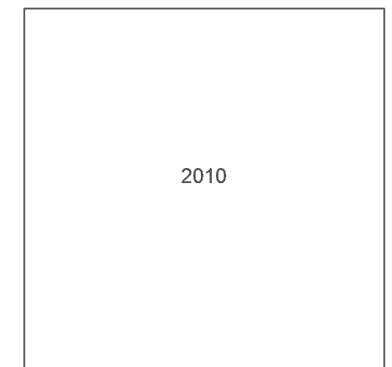
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Grid Ref: 380411, 400886

Map Name: National Grid

Map date: 2010

Scale: 1:10,000

Printed at: 1:10,000

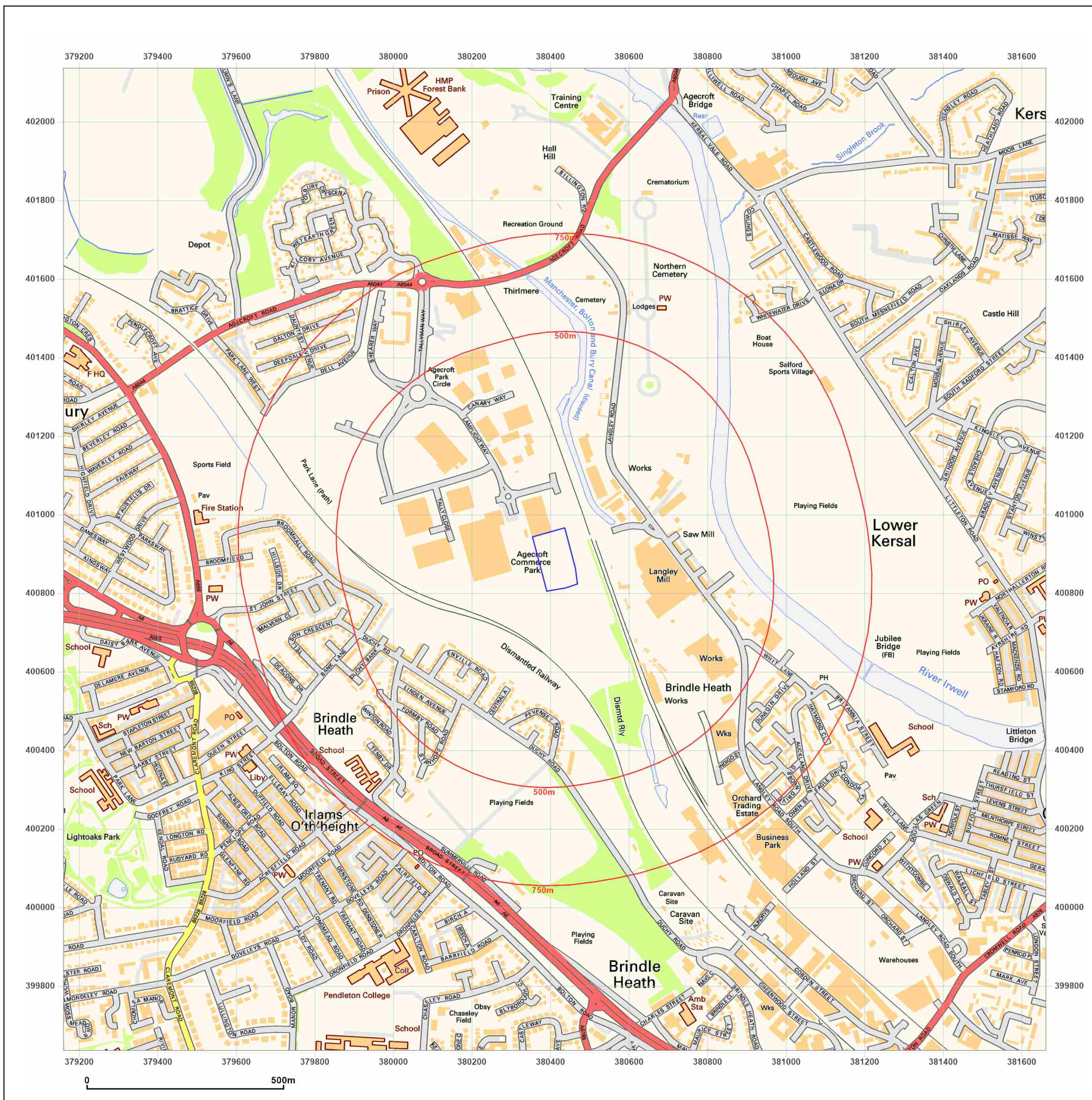


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Site Details:

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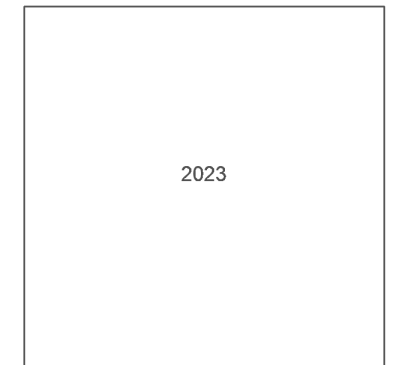
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Report Ref: GS-SB2-9BX-64K-9ER
Grid Ref: 380411, 400886

Map Name: National Grid

Map date: 2023

Scale: 1:10,000

Printed at: 1:10,000

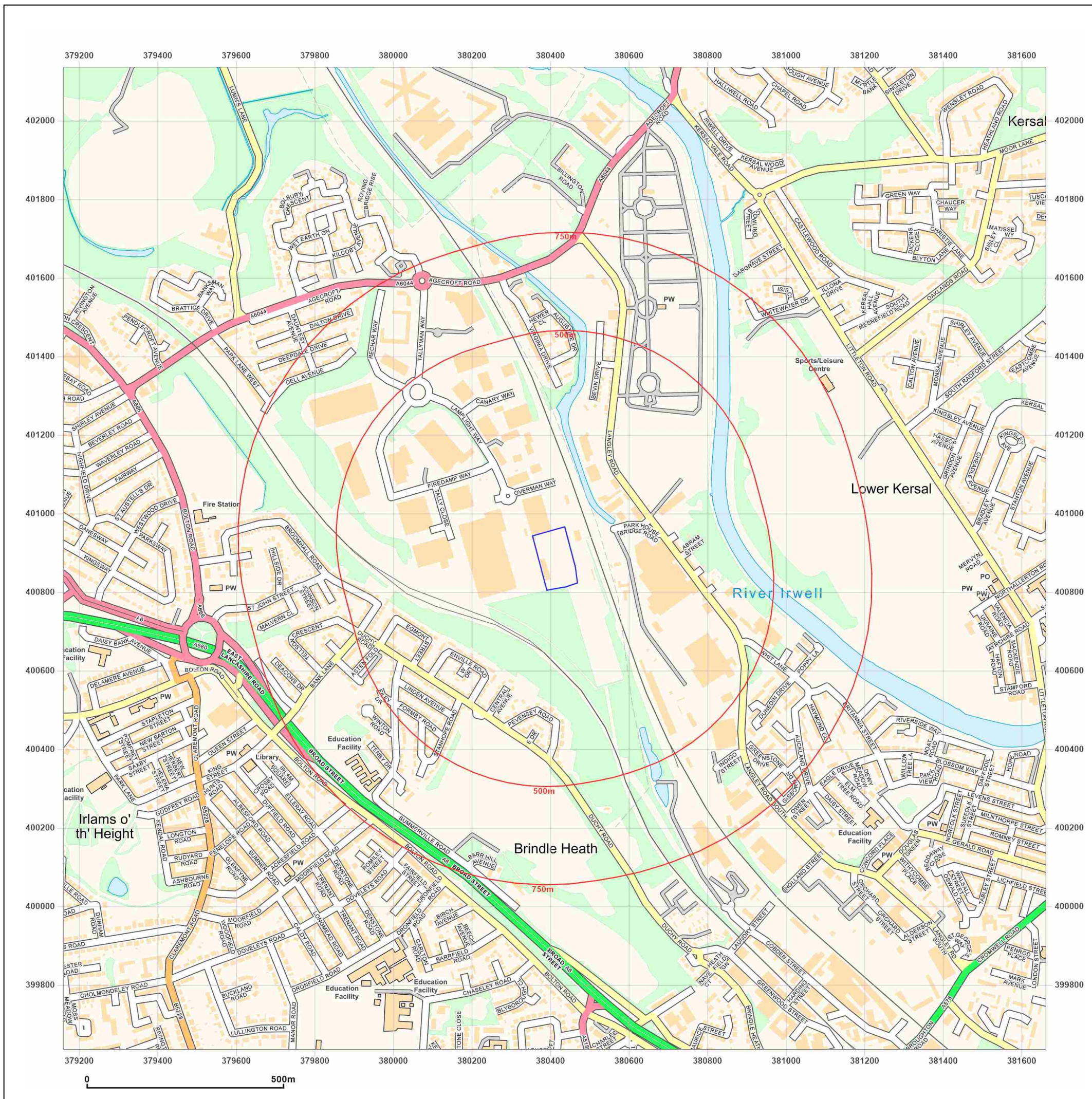


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APPENDIX C

Google Earth Images and Site Photos

Google Earth 2013 showing the transfer station developing, area of land to be added to the permit outlined in red



Google Earth 2018 land in use as a storage area



Google Earth 2022: new building constructed, formalised storage with bays



Photo 1: Sand storage bay



Photo 2: concrete surface, storage bays and products, storage building on left



Photo 3: Temporary wash plant under trial



Photo 4: Southern area occupied by Chartrange, cleared and vacated



APPENDIX D

Groundsure Report

380489 400866,

Order Details

Date: 13/11/2023
Your ref: A1_Services
Our Ref: GS-3T6-003-5DJ-3FG

Site Details

Location: 380413 400885
Area: 1.24 ha
Authority: [Salford City Council](#) ↗



Summary of findings

[p. 2 >](#)

Aerial image

[p. 9 >](#)

OS MasterMap site plan

[p.14 >](#)

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01273 257 755

Summary of findings

| Page | Section | Past land use > | On site | 0-50m | 50-250m | 250-500m | 500-2000m |
|-------------------------|--------------------------|---|---------|-------|---------|----------|-----------|
| 15 > | 1.1 > | Historical industrial land uses > | 11 | 13 | 68 | 91 | - |
| 22 > | 1.2 > | Historical tanks > | 0 | 0 | 10 | 46 | - |
| 25 > | 1.3 > | Historical energy features > | 0 | 0 | 2 | 13 | - |
| 25 | 1.4 | Historical petrol stations | 0 | 0 | 0 | 0 | - |
| 26 > | 1.5 > | Historical garages > | 0 | 0 | 2 | 0 | - |
| 26 | 1.6 | Historical military land | 0 | 0 | 0 | 0 | - |
| Page | Section | Past land use - un-grouped > | On site | 0-50m | 50-250m | 250-500m | 500-2000m |
| 27 > | 2.1 > | Historical industrial land uses > | 16 | 24 | 117 | 146 | - |
| 38 > | 2.2 > | Historical tanks > | 0 | 0 | 16 | 74 | - |
| 42 > | 2.3 > | Historical energy features > | 0 | 0 | 5 | 19 | - |
| 43 | 2.4 | Historical petrol stations | 0 | 0 | 0 | 0 | - |
| 43 > | 2.5 > | Historical garages > | 0 | 0 | 5 | 0 | - |
| Page | Section | Waste and landfill > | On site | 0-50m | 50-250m | 250-500m | 500-2000m |
| 45 | 3.1 | Active or recent landfill | 0 | 0 | 0 | 0 | - |
| 45 | 3.2 | Historical landfill (BGS records) | 0 | 0 | 0 | 0 | - |
| 46 > | 3.3 > | Historical landfill (LA/mapping records) > | 0 | 0 | 0 | 1 | - |
| 46 > | 3.4 > | Historical landfill (EA/NRW records) > | 1 | 0 | 0 | 4 | - |
| 47 > | 3.5 > | Historical waste sites > | 0 | 0 | 8 | 5 | - |
| 49 > | 3.6 > | Licensed waste sites > | 1 | 0 | 7 | 6 | - |
| 54 > | 3.7 > | Waste exemptions > | 0 | 0 | 6 | 11 | - |
| Page | Section | Current industrial land use > | On site | 0-50m | 50-250m | 250-500m | 500-2000m |
| 56 > | 4.1 > | Recent industrial land uses > | 0 | 0 | 29 | - | - |
| 58 | 4.2 | Current or recent petrol stations | 0 | 0 | 0 | 0 | - |
| 59 | 4.3 | Electricity cables | 0 | 0 | 0 | 0 | - |
| 59 | 4.4 | Gas pipelines | 0 | 0 | 0 | 0 | - |
| 59 | 4.5 | Sites determined as Contaminated Land | 0 | 0 | 0 | 0 | - |



| 59 | 4.6 | Control of Major Accident Hazards (COMAH) | 0 | 0 | 0 | 0 | - | | | | |
|-----------|-------------|--|-------------|---|-------------|---------|----------|-----------|----|----|---|
| 59 | 4.7 | Regulated explosive sites | 0 | 0 | 0 | 0 | - | | | | |
| 60 | > | <u>4.8</u> | > | <u>Hazardous substance storage/usage</u> | > | 0 | 0 | 0 | 1 | - | |
| 60 | > | <u>4.9</u> | > | <u>Historical licensed industrial activities (IPC)</u> | > | 0 | 0 | 0 | 0 | 7 | - |
| 61 | > | <u>4.10</u> | > | <u>Licensed industrial activities (Part A(1))</u> | > | 0 | 0 | 0 | 1 | 8 | - |
| 63 | > | <u>4.11</u> | > | <u>Licensed pollutant release (Part A(2)/B)</u> | > | 0 | 0 | 0 | 3 | 4 | - |
| 64 | 4.12 | Radioactive Substance Authorisations | 0 | 0 | 0 | 0 | 0 | - | | | |
| 64 | > | <u>4.13</u> | > | <u>Licensed Discharges to controlled waters</u> | > | 0 | 0 | 0 | 0 | 17 | - |
| 66 | 4.14 | Pollutant release to surface waters (Red List) | 0 | 0 | 0 | 0 | 0 | - | | | |
| 67 | 4.15 | Pollutant release to public sewer | 0 | 0 | 0 | 0 | 0 | - | | | |
| 67 | 4.16 | List 1 Dangerous Substances | 0 | 0 | 0 | 0 | 0 | - | | | |
| 67 | 4.17 | List 2 Dangerous Substances | 0 | 0 | 0 | 0 | 0 | - | | | |
| 67 | 4.18 | Pollution Incidents (EA/NRW) | 0 | 0 | 0 | 0 | 0 | - | | | |
| 67 | 4.19 | Pollution inventory substances | 0 | 0 | 0 | 0 | 0 | - | | | |
| 68 | > | <u>4.20</u> | > | <u>Pollution inventory waste transfers</u> | > | 0 | 0 | 0 | 0 | 1 | - |
| 68 | 4.21 | Pollution inventory radioactive waste | 0 | 0 | 0 | 0 | 0 | - | | | |
| Page | Section | <u>Hydrogeology</u> | > | On site | 0-50m | 50-250m | 250-500m | 500-2000m | | | |
| 69 | > | <u>5.1</u> | > | <u>Superficial aquifer</u> | | | | | | | |
| 71 | > | <u>5.2</u> | > | <u>Bedrock aquifer</u> | | | | | | | |
| 73 | > | <u>5.3</u> | > | <u>Groundwater vulnerability</u> | | | | | | | |
| 74 | 5.4 | Groundwater vulnerability- soluble rock risk | | None (within 0m) | | | | | | | |
| 74 | 5.5 | Groundwater vulnerability- local information | | None (within 0m) | | | | | | | |
| 75 | > | <u>5.6</u> | > | <u>Groundwater abstractions</u> | > | 0 | 0 | 0 | 11 | 0 | 6 |
| 79 | 5.7 | Surface water abstractions | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 80 | 5.8 | Potable abstractions | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 80 | 5.9 | Source Protection Zones | | 0 | 0 | 0 | 0 | 0 | 0 | - | |
| 80 | 5.10 | Source Protection Zones (confined aquifer) | | 0 | 0 | 0 | 0 | 0 | 0 | - | |
| Page | Section | <u>Hydrology</u> | > | On site | 0-50m | 50-250m | 250-500m | 500-2000m | | | |
| 81 | > | <u>6.1</u> | > | <u>Water Network (OS MasterMap)</u> | | | | | | | |
| | | | | 0 | 0 | 0 | 1 | - | - | | |



| 82 > | 6.2 > | Surface water features > | 0 | 0 | 1 | - | - |
|----------------------|-------------------------|---|--|-------|---------|----------|-----------|
| 82 > | 6.3 > | WFD Surface water body catchments > | 1 | - | - | - | - |
| 82 > | 6.4 > | WFD Surface water bodies > | 0 | 0 | 0 | - | - |
| 83 > | 6.5 > | WFD Groundwater bodies > | 1 | - | - | - | - |
| Page | Section | River and coastal flooding | On site | 0-50m | 50-250m | 250-500m | 500-2000m |
| 84 | 7.1 | Risk of flooding from rivers and the sea | None (within 50m) | | | | |
| 84 | 7.2 | Historical Flood Events | 0 | 0 | 0 | - | - |
| 84 | 7.3 | Flood Defences | 0 | 0 | 0 | - | - |
| 85 | 7.4 | Areas Benefiting from Flood Defences | 0 | 0 | 0 | - | - |
| 85 | 7.5 | Flood Storage Areas | 0 | 0 | 0 | - | - |
| 86 | 7.6 | Flood Zone 2 | None (within 50m) | | | | |
| 86 | 7.7 | Flood Zone 3 | None (within 50m) | | | | |
| Page | Section | Surface water flooding > | | | | | |
| 87 > | 8.1 > | Surface water flooding > | 1 in 30 year, 0.3m - 1.0m (within 50m) | | | | |
| Page | Section | Groundwater flooding > | | | | | |
| 89 > | 9.1 > | Groundwater flooding > | Moderate (within 50m) | | | | |
| Page | Section | Environmental designations > | On site | 0-50m | 50-250m | 250-500m | 500-2000m |
| 90 | 10.1 | Sites of Special Scientific Interest (SSSI) | 0 | 0 | 0 | 0 | 0 |
| 91 | 10.2 | Conserved wetland sites (Ramsar sites) | 0 | 0 | 0 | 0 | 0 |
| 91 | 10.3 | Special Areas of Conservation (SAC) | 0 | 0 | 0 | 0 | 0 |
| 91 | 10.4 | Special Protection Areas (SPA) | 0 | 0 | 0 | 0 | 0 |
| 91 | 10.5 | National Nature Reserves (NNR) | 0 | 0 | 0 | 0 | 0 |
| 92 > | 10.6 > | Local Nature Reserves (LNR) > | 0 | 0 | 0 | 0 | 2 |
| 92 | 10.7 | Designated Ancient Woodland | 0 | 0 | 0 | 0 | 0 |
| 92 | 10.8 | Biosphere Reserves | 0 | 0 | 0 | 0 | 0 |
| 92 | 10.9 | Forest Parks | 0 | 0 | 0 | 0 | 0 |
| 93 | 10.10 | Marine Conservation Zones | 0 | 0 | 0 | 0 | 0 |
| 93 > | 10.11 > | Green Belt > | 0 | 0 | 0 | 0 | 2 |
| 93 | 10.12 | Proposed Ramsar sites | 0 | 0 | 0 | 0 | 0 |



| 93 | 10.13 | Possible Special Areas of Conservation (pSAC) | 0 | 0 | 0 | 0 | 0 |
|-----------------------|-------------------------|--|--------------------------|-------|---------|----------|-----------|
| 94 | 10.14 | Potential Special Protection Areas (pSPA) | 0 | 0 | 0 | 0 | 0 |
| 94 | 10.15 | Nitrate Sensitive Areas | 0 | 0 | 0 | 0 | 0 |
| 94 > | 10.16 > | Nitrate Vulnerable Zones > | 1 | 0 | 0 | 0 | 0 |
| 95 > | 10.17 > | SSSI Impact Risk Zones > | 1 | - | - | - | - |
| 96 | 10.18 | SSSI Units | 0 | 0 | 0 | 0 | 0 |
| Page | Section | Visual and cultural designations | On site | 0-50m | 50-250m | 250-500m | 500-2000m |
| 97 | 11.1 | World Heritage Sites | 0 | 0 | 0 | - | - |
| 97 | 11.2 | Area of Outstanding Natural Beauty | 0 | 0 | 0 | - | - |
| 97 | 11.3 | National Parks | 0 | 0 | 0 | - | - |
| 97 | 11.4 | Listed Buildings | 0 | 0 | 0 | - | - |
| 98 | 11.5 | Conservation Areas | 0 | 0 | 0 | - | - |
| 98 | 11.6 | Scheduled Ancient Monuments | 0 | 0 | 0 | - | - |
| 98 | 11.7 | Registered Parks and Gardens | 0 | 0 | 0 | - | - |
| Page | Section | Agricultural designations > | On site | 0-50m | 50-250m | 250-500m | 500-2000m |
| 99 > | 12.1 > | Agricultural Land Classification > | Urban (within 250m) | | | | |
| 100 | 12.2 | Open Access Land | 0 | 0 | 0 | - | - |
| 100 | 12.3 | Tree Felling Licences | 0 | 0 | 0 | - | - |
| 100 | 12.4 | Environmental Stewardship Schemes | 0 | 0 | 0 | - | - |
| 100 | 12.5 | Countryside Stewardship Schemes | 0 | 0 | 0 | - | - |
| Page | Section | Habitat designations > | On site | 0-50m | 50-250m | 250-500m | 500-2000m |
| 101 > | 13.1 > | Priority Habitat Inventory > | 0 | 1 | 2 | - | - |
| 102 | 13.2 | Habitat Networks | 0 | 0 | 0 | - | - |
| 102 > | 13.3 > | Open Mosaic Habitat > | 1 | 0 | 1 | - | - |
| 102 | 13.4 | Limestone Pavement Orders | 0 | 0 | 0 | - | - |
| Page | Section | Geology 1:10,000 scale > | On site | 0-50m | 50-250m | 250-500m | 500-2000m |
| 103 > | 14.1 > | 10k Availability > | Identified (within 500m) | | | | |
| 104 > | 14.2 > | Artificial and made ground (10k) > | 1 | 0 | 0 | 3 | - |
| 106 > | 14.3 > | Superficial geology (10k) > | 1 | 0 | 1 | 4 | - |



| 107 | 14.4 | Landslip (10k) | 0 | 0 | 0 | 0 | - |
|-----------------------|-------------------------|--|--------------------------|-------|---------|----------|-----------|
| 108 > | 14.5 > | Bedrock geology (10k) > | 2 | 1 | 3 | 7 | - |
| 109 > | 14.6 > | Bedrock faults and other linear features (10k) > | 0 | 0 | 3 | 3 | - |
| Page | Section | Geology 1:50,000 scale > | On site | 0-50m | 50-250m | 250-500m | 500-2000m |
| 111 > | 15.1 > | 50k Availability > | Identified (within 500m) | | | | |
| 112 > | 15.2 > | Artificial and made ground (50k) > | 1 | 0 | 0 | 0 | - |
| 113 > | 15.3 > | Artificial ground permeability (50k) > | 1 | 0 | - | - | - |
| 114 > | 15.4 > | Superficial geology (50k) > | 1 | 0 | 1 | 2 | - |
| 115 > | 15.5 > | Superficial permeability (50k) > | Identified (within 50m) | | | | |
| 115 | 15.6 | Landslip (50k) | 0 | 0 | 0 | 0 | - |
| 115 | 15.7 | Landslip permeability (50k) | None (within 50m) | | | | |
| 116 > | 15.8 > | Bedrock geology (50k) > | 2 | 1 | 3 | 1 | - |
| 117 > | 15.9 > | Bedrock permeability (50k) > | Identified (within 50m) | | | | |
| 117 > | 15.10 > | Bedrock faults and other linear features (50k) > | 0 | 0 | 3 | 2 | - |
| Page | Section | Boreholes > | On site | 0-50m | 50-250m | 250-500m | 500-2000m |
| 119 > | 16.1 > | BGS Boreholes > | 0 | 0 | 8 | - | - |
| Page | Section | Natural ground subsidence > | | | | | |
| 121 > | 17.1 > | Shrink swell clays > | Negligible (within 50m) | | | | |
| 122 > | 17.2 > | Running sands > | Very low (within 50m) | | | | |
| 123 > | 17.3 > | Compressible deposits > | Very low (within 50m) | | | | |
| 124 > | 17.4 > | Collapsible deposits > | Very low (within 50m) | | | | |
| 125 > | 17.5 > | Landslides > | Very low (within 50m) | | | | |
| 126 > | 17.6 > | Ground dissolution of soluble rocks > | Negligible (within 50m) | | | | |
| Page | Section | Mining and ground workings > | On site | 0-50m | 50-250m | 250-500m | 500-2000m |
| 128 > | 18.1 > | BritPits > | 0 | 0 | 0 | 1 | - |
| 129 > | 18.2 > | Surface ground workings > | 8 | 1 | 49 | - | - |
| 131 > | 18.3 > | Underground workings > | 2 | 0 | 6 | 10 | 7 |
| 132 | 18.4 | Underground mining extents | 0 | 0 | 0 | 0 | - |
| 132 | 18.5 | Historical Mineral Planning Areas | 0 | 0 | 0 | 0 | - |



| 133 | 18.6 | Non-coal mining | 0 | 0 | 0 | 0 | 0 |
|-----------------|-------------------|---|-------------------------------|-------|---------|----------|-----------|
| 133 | 18.7 | JPB mining areas | None (within 0m) | | | | |
| 133 | 18.8 | The Coal Authority non-coal mining | 0 | 0 | 0 | 0 | - |
| 133 | 18.9 | Researched mining | 0 | 0 | 0 | 0 | - |
| 134 | 18.10 | Mining record office plans | 0 | 0 | 0 | 0 | - |
| 134 | 18.11 | BGS mine plans | 0 | 0 | 0 | 0 | - |
| 134 > | 18.12 > | Coal mining > | Identified (within 0m) | | | | |
| 134 | 18.13 | Brine areas | None (within 0m) | | | | |
| 135 | 18.14 | Gypsum areas | None (within 0m) | | | | |
| 135 | 18.15 | Tin mining | None (within 0m) | | | | |
| 135 | 18.16 | Clay mining | None (within 0m) | | | | |
| Page | Section | Ground cavities and sinkholes | On site | 0-50m | 50-250m | 250-500m | 500-2000m |
| 136 | 19.1 | Natural cavities | 0 | 0 | 0 | 0 | - |
| 136 | 19.2 | Mining cavities | 0 | 0 | 0 | 0 | 0 |
| 136 | 19.3 | Reported recent incidents | 0 | 0 | 0 | 0 | - |
| 136 | 19.4 | Historical incidents | 0 | 0 | 0 | 0 | - |
| 137 | 19.5 | National karst database | 0 | 0 | 0 | 0 | - |
| Page | Section | Radon > | | | | | |
| 138 > | 20.1 > | Radon > | Between 1% and 3% (within 0m) | | | | |
| Page | Section | Soil chemistry > | On site | 0-50m | 50-250m | 250-500m | 500-2000m |
| 140 > | 21.1 > | BGS Estimated Background Soil Chemistry > | 2 | 7 | - | - | - |
| 141 | 21.2 | BGS Estimated Urban Soil Chemistry | 0 | 0 | - | - | - |
| 141 | 21.3 | BGS Measured Urban Soil Chemistry | 0 | 0 | - | - | - |
| Page | Section | Railway infrastructure and projects > | On site | 0-50m | 50-250m | 250-500m | 500-2000m |
| 142 | 22.1 | Underground railways (London) | 0 | 0 | 0 | - | - |
| 142 | 22.2 | Underground railways (Non-London) | 0 | 0 | 0 | - | - |
| 143 | 22.3 | Railway tunnels | 0 | 0 | 0 | - | - |
| 143 > | 22.4 > | Historical railway and tunnel features > | 6 | 29 | 22 | - | - |
| 145 | 22.5 | Royal Mail tunnels | 0 | 0 | 0 | - | - |



| | | | | | | | |
|-----------------------|------------------------|---------------------------------------|---|---|----|---|---|
| 145 > | 22.6 > | Historical railways > | 0 | 3 | 5 | - | - |
| 146 > | 22.7 > | Railways > | 0 | 2 | 18 | - | - |
| 147 | 22.8 | Crossrail 1 | 0 | 0 | 0 | 0 | - |
| 147 | 22.9 | Crossrail 2 | 0 | 0 | 0 | 0 | - |
| 147 | 22.10 | HS2 | 0 | 0 | 0 | 0 | - |

Recent aerial photograph



Capture Date: 18/10/2022

Site Area: 1.24ha



Contact us with any questions at:

info@groundsure.com

01273 257 755

Date: 13 November 2023



Recent site history - 2019 aerial photograph



Capture Date: 22/04/2019

Site Area: 1.24ha



Contact us with any questions at:

info@groundsure.com

01273 257 755

Date: 13 November 2023

Recent site history - 2015 aerial photograph



Capture Date: 11/06/2015

Site Area: 1.24ha



Contact us with any questions at:

info@groundsure.com

01273 257 755

Date: 13 November 2023

Recent site history - 2009 aerial photograph



Capture Date: 02/06/2009

Site Area: 1.24ha



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info@groundsure.com

01273 257 755

Date: 13 November 2023

Recent site history - 2000 aerial photograph



Aerial photography supplied by Getmapping PLC. © Copyright Getmapping PLC 2023. All Rights Reserved.

Capture Date: 27/06/2000

Site Area: 1.24ha



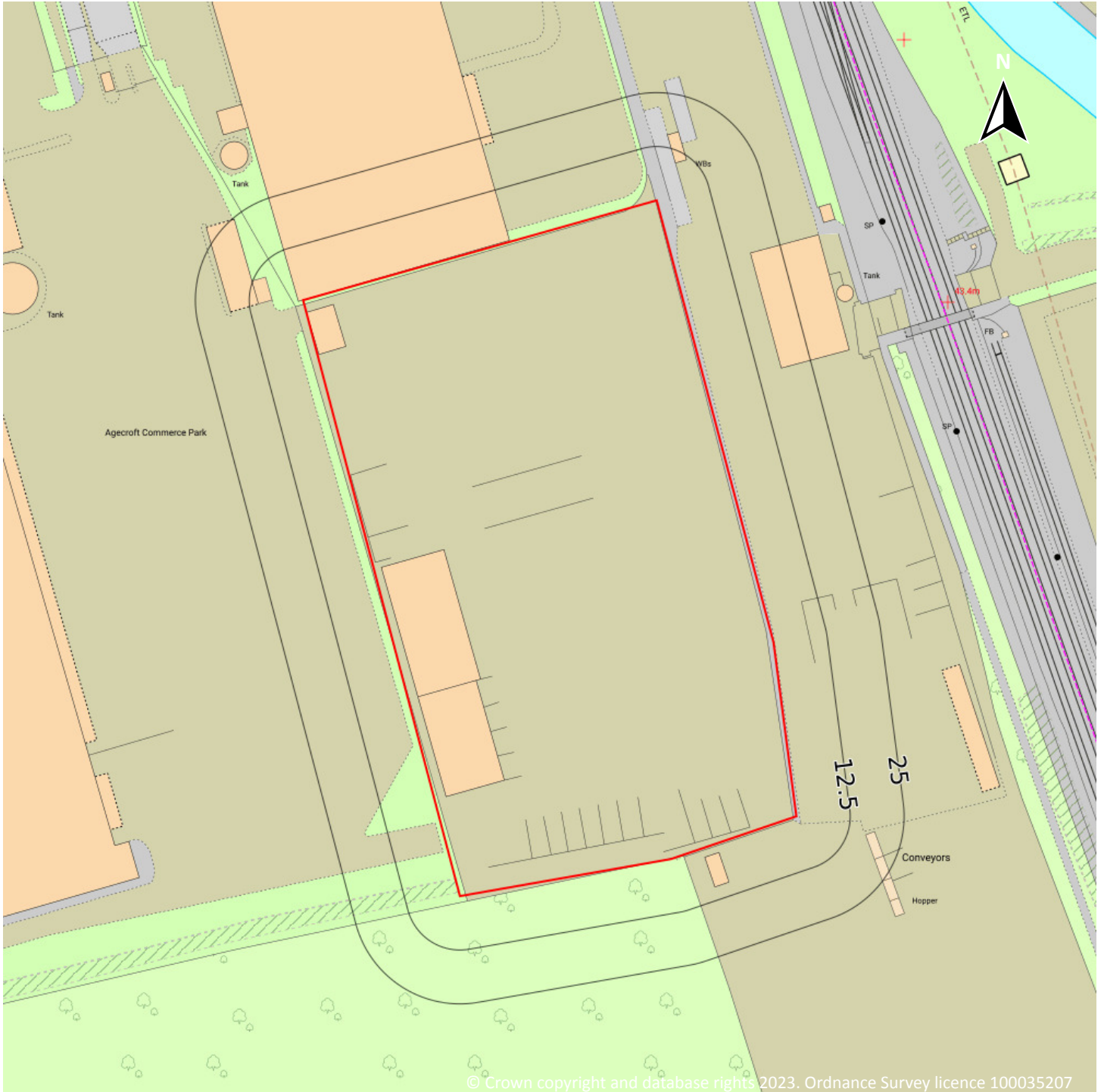
Contact us with any questions at:

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01273 257 755

Date: 13 November 2023

OS MasterMap site plan



Site Area: 1.24ha



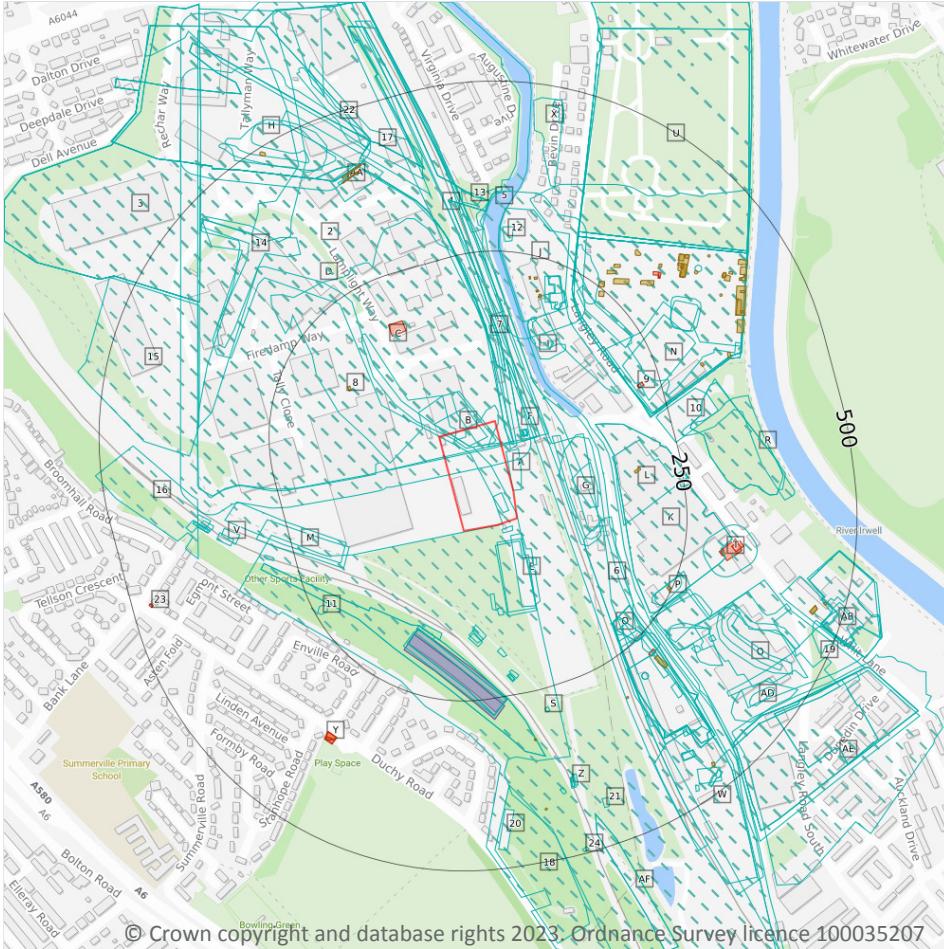
Contact us with any questions at:

info@groundsure.com

01273 257 755





Date: 13 November 2023

1 Past land use



Site Outline

Search buffers in metres (m)

-  Historical industrial land uses
-  Historical tanks
-  Historical energy features
-  Historical garages

1.1 Historical industrial land uses

Records within 500m **183**

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 1:10,560 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on [page 15](#) >

| ID | Location | Land use | Dates present | Group ID |
|----|----------|-----------------------------|---------------|----------|
| 1 | On site | Unspecified Ground Workings | 1985 | 648361 |



| ID | Location | Land use | Dates present | Group ID |
|----------|----------------|-------------------------|--------------------|----------------|
| 2 | On site | Colliery | 1923 - 1988 | 753275 |
| A | On site | Unspecified Heap | 1956 | 651072 |
| A | On site | Railway Building | 1968 | 670410 |
| A | On site | Railway Sidings | 1977 | 752129 |
| A | On site | Railway Sidings | 1894 - 1985 | 2367775 |
| B | On site | Cuttings | 1977 | 642710 |
| B | On site | Unspecified Heap | 1968 - 1977 | 737862 |
| C | On site | Refuse Heaps | 1956 | 653473 |
| D | On site | Unspecified Mine | 1968 | 691542 |
| D | On site | Colliery | 1977 | 751804 |
| A | 8m SE | Railway Building | 1894 | 670409 |
| 3 | 11m NE | Railway Sidings | 1916 - 1988 | 769204 |
| 4 | 12m NE | Railway Sidings | 1894 - 1985 | 742656 |
| E | 21m SE | Engine Shed | 1956 - 1968 | 729884 |
| E | 25m S | Engine Shed | 1906 - 1938 | 740534 |
| E | 29m S | Engine Shed | 1894 | 709343 |
| F | 31m NE | Railway Sidings | 1906 - 1916 | 703296 |
| F | 31m NE | Railway Sidings | 1931 - 1938 | 725866 |
| F | 33m NE | Railway Building | 1923 | 759844 |
| F | 35m NE | Railway Building | 1916 | 745499 |
| F | 35m NE | Railway Building | 1931 | 778497 |
| F | 37m NE | Railway Building | 1938 | 739606 |
| F | 46m NE | Cuttings | 1851 | 747851 |
| E | 63m SE | Railway Building | 1923 - 1931 | 740131 |
| G | 70m E | Refuse Heap | 1956 | 728878 |
| H | 75m N | Tramway Sidings | 1931 | 752857 |
| H | 75m N | Railway Sidings | 1906 | 764059 |
| H | 75m N | Tramway Sidings | 1938 | 769676 |



| ID | Location | Land use | Dates present | Group ID |
|----|----------|-----------------------------------|---------------|----------|
| G | 76m NE | Refuse Heap | 1977 | 776869 |
| F | 78m NE | Old Coal Pit | 1851 | 682287 |
| 5 | 80m NE | Disused Canal | 1977 - 1985 | 2367189 |
| G | 87m E | Unspecified Ground Workings | 1923 | 648377 |
| E | 99m S | Railway Building | 1956 - 1968 | 726263 |
| 6 | 104m SE | Colliery | 1851 | 645306 |
| I | 113m NE | Refuse Heap | 1938 - 1956 | 781565 |
| E | 121m S | Railway Building | 1931 - 1938 | 713787 |
| I | 125m NE | Refuse Heap | 1931 | 776910 |
| 7 | 126m N | Railway Building | 1968 - 1985 | 776455 |
| J | 127m N | Unspecified Works | 1956 | 759106 |
| E | 139m S | Railway Building | 1956 - 1968 | 742741 |
| K | 142m NE | Metal and Plastic Works | 1956 - 1968 | 710510 |
| K | 142m NE | Unspecified Works | 1977 - 1985 | 719618 |
| E | 146m S | Railway Building | 1906 - 1938 | 781822 |
| I | 147m NE | Corporation Yard | 1906 | 681773 |
| E | 149m S | Railway Building | 1956 - 1968 | 726794 |
| E | 151m S | Railway Building | 1894 | 702829 |
| J | 152m N | Unspecified Commercial/Industrial | 1968 - 1985 | 784646 |
| L | 153m E | Dye Works | 1906 - 1938 | 726701 |
| E | 154m S | Railway Sidings | 1931 - 1938 | 745313 |
| E | 154m S | Railway Building | 1906 - 1938 | 771189 |
| E | 154m S | Railway Sidings | 1906 - 1916 | 781598 |
| E | 159m S | Carriage Shed | 1956 | 710535 |
| E | 159m S | Railway Building | 1968 | 762286 |
| E | 165m SW | Carriage Shed | 1906 - 1938 | 701410 |
| M | 169m SW | Cuttings | 1968 | 788500 |
| M | 172m SW | Cuttings | 1977 - 1985 | 771814 |



| ID | Location | Land use | Dates present | Group ID |
|----|----------|---------------------|---------------|----------|
| E | 178m S | Railway Building | 1956 - 1968 | 757605 |
| J | 185m NE | Refuse Destructor | 1923 | 741130 |
| J | 188m NE | Refuse Destructor | 1931 - 1938 | 724276 |
| J | 188m NE | Refuse Destructor | 1916 | 744852 |
| J | 188m NE | Print Works | 1906 - 1916 | 706838 |
| J | 188m NE | Disused Print Works | 1931 - 1938 | 716362 |
| J | 188m NE | Print Works | 1923 | 731906 |
| J | 192m NE | Unspecified Factory | 1968 | 670605 |
| J | 192m NE | Unspecified Works | 1977 - 1985 | 696116 |
| J | 192m NE | Unspecified Works | 1956 | 766474 |
| N | 195m NE | Unspecified Depot | 1985 | 764772 |
| N | 204m NE | Unspecified Depot | 1968 - 1977 | 761579 |
| O | 207m SE | Unspecified Heap | 1851 | 651071 |
| O | 208m SE | Disused Paper Works | 1906 - 1916 | 752732 |
| O | 208m SE | Paper Works | 1923 | 768180 |
| O | 208m SE | Disused Paper Works | 1931 - 1938 | 778668 |
| O | 208m SE | Railway Sidings | 1906 | 732049 |
| O | 208m SE | Railway Sidings | 1916 | 766390 |
| J | 210m NE | Cuttings | 1956 | 642724 |
| E | 213m S | Railway Building | 1956 | 670408 |
| E | 219m S | Railway Building | 1923 | 784347 |
| E | 219m S | Railway Building | 1916 | 701972 |
| E | 219m S | Railway Building | 1931 | 721845 |
| J | 220m NE | Refuse Heap | 1931 - 1938 | 697290 |
| O | 221m SE | Railway Building | 1968 | 670412 |
| J | 224m NE | Print Works | 1851 - 1894 | 784409 |
| 10 | 230m E | Unspecified Mill | 1977 - 1985 | 726069 |
| 11 | 230m SW | Gravel Pit | 1851 | 652915 |



| ID | Location | Land use | Dates present | Group ID |
|----|----------|-----------------------------------|---------------|----------|
| P | 230m SE | Unspecified Heap | 1956 - 1968 | 769075 |
| P | 232m SE | Unspecified Heap | 1977 | 767462 |
| O | 244m SE | Unspecified Commercial/Industrial | 1956 | 643376 |
| Q | 244m SE | Colliery | 1906 - 1938 | 737443 |
| Q | 247m SE | Colliery | 1894 | 748205 |
| O | 249m SE | Unspecified Heap | 1851 | 651070 |
| P | 249m SE | Refuse Heap | 1956 | 717415 |
| O | 251m SE | Paper Works | 1894 | 736919 |
| R | 261m E | Refuse Heap | 1931 - 1938 | 718932 |
| 12 | 265m N | Unspecified Heap | 1931 | 651075 |
| R | 275m E | Unspecified Ground Workings | 1956 | 648360 |
| R | 275m E | Unspecified Pit | 1968 - 1977 | 768063 |
| O | 275m SE | Railway Building | 1968 | 670413 |
| O | 275m SE | Unspecified Works | 1977 - 1985 | 771931 |
| P | 276m SE | Refuse Heap | 1938 - 1956 | 742868 |
| S | 277m S | Railway Building | 1923 | 670411 |
| T | 278m E | Electricity Substation | 1916 - 1923 | 728264 |
| P | 278m SE | Refuse Heap | 1931 | 790953 |
| M | 280m W | Railway Building | 1916 - 1931 | 749711 |
| O | 281m SE | Railway Sidings | 1938 | 722621 |
| O | 294m SE | Unspecified Tank | 1977 | 674951 |
| O | 294m SE | Chimney | 1968 | 684312 |
| J | 296m NE | Unspecified Pit | 1931 | 729928 |
| J | 297m NE | Unspecified Pit | 1956 | 705829 |
| U | 298m N | Cemetery | 1938 | 708436 |
| U | 298m N | Cemetery | 1906 | 740366 |
| U | 298m N | Cemetery | 1916 - 1931 | 744472 |
| U | 305m N | Cemetery | 1956 | 784356 |



| ID | Location | Land use | Dates present | Group ID |
|----|----------|------------------------|---------------|----------|
| U | 305m N | Cemetery | 1968 - 1985 | 784956 |
| Q | 306m SE | Unspecified Works | 1968 - 1985 | 764830 |
| 13 | 318m N | Unspecified Heap | 1956 | 651074 |
| P | 320m SE | Unspecified Old Shafts | 1916 - 1923 | 738199 |
| V | 320m W | Railway Station | 1956 - 1968 | 701500 |
| Q | 329m SE | Railway Sidings | 1931 | 641688 |
| 14 | 329m NW | Railway Sidings | 1985 | 769205 |
| V | 331m W | Railway Station | 1906 - 1938 | 723033 |
| P | 332m SE | Unspecified Old Shafts | 1916 - 1923 | 757050 |
| Q | 335m SE | Tramway Sidings | 1938 | 670785 |
| O | 336m SE | Railway Sidings | 1938 | 711259 |
| W | 346m SE | Colliery | 1851 | 645307 |
| 15 | 353m W | Sludge Beds | 1988 | 680193 |
| V | 354m W | Railway Building | 1956 | 717105 |
| X | 355m N | Unspecified Heap | 1956 - 1968 | 748288 |
| V | 356m W | Railway Building | 1968 | 751972 |
| V | 361m W | Railway Building | 1916 | 705952 |
| V | 361m W | Railway Building | 1931 | 758425 |
| V | 363m W | Railway Buildings | 1923 | 681681 |
| 16 | 367m W | Railway Sidings | 1956 - 1988 | 721881 |
| J | 369m NE | Chimney | 1968 | 684313 |
| 17 | 371m N | Refuse Heap | 1956 | 744960 |
| H | 372m NW | Colliery | 1938 | 698245 |
| 18 | 380m S | Unspecified Works | 1968 | 786827 |
| Z | 383m S | Railway Building | 1956 | 736065 |
| Z | 386m S | Railway Building | 1931 | 695194 |
| Z | 386m S | Railway Building | 1916 | 775142 |
| Z | 388m S | Railway Building | 1923 | 696171 |



| ID | Location | Land use | Dates present | Group ID |
|----|----------|-----------------------------------|---------------|----------|
| H | 396m NW | Disused Colliery | 1956 | 671707 |
| W | 397m SE | Railway Building | 1923 - 1931 | 705116 |
| W | 398m SE | Unspecified Mills | 1894 | 653103 |
| Z | 398m S | Railway Building | 1923 - 1931 | 750551 |
| AA | 398m NW | Unspecified Tank | 1931 | 674946 |
| 19 | 401m SE | Colliery | 1851 | 741746 |
| AB | 402m E | Unspecified Mill | 1894 | 656756 |
| AC | 404m NW | Unspecified Commercial/Industrial | 1967 | 703044 |
| AC | 404m NW | Unspecified Commercial/Industrial | 1973 | 706493 |
| AA | 406m NW | Unspecified Tank | 1938 | 674945 |
| H | 407m NW | Colliery | 1906 - 1916 | 784603 |
| 20 | 414m S | Unspecified Works | 1985 | 785626 |
| AD | 415m SE | Refuse Heap | 1956 | 697754 |
| W | 422m SE | Railway Building | 1938 | 726437 |
| W | 422m SE | Railway Building | 1906 - 1923 | 776406 |
| W | 424m SE | Railway Building | 1931 | 712002 |
| H | 429m NW | Unspecified Ground Workings | 1956 | 648359 |
| 21 | 431m S | Railway Building | 1968 - 1985 | 784493 |
| H | 432m NW | Refuse Heap | 1906 - 1938 | 704936 |
| AD | 434m SE | Refuse Heap | 1931 - 1938 | 719469 |
| 22 | 435m N | Refuse Heap | 1931 - 1938 | 708515 |
| AB | 436m E | Bleach Works | 1923 | 779870 |
| AB | 439m E | Bleach Works | 1916 | 786752 |
| AB | 439m E | Unspecified Works | 1931 - 1938 | 788463 |
| AE | 446m SE | Print and Chemical Works | 1851 | 682889 |
| X | 448m N | Unspecified Heap | 1977 - 1985 | 779123 |
| AF | 449m S | Railway Sidings | 1931 | 702812 |
| AF | 449m S | Railway Sidings | 1916 | 771669 |



| ID | Location | Land use | Dates present | Group ID |
|----|----------|-----------------------------------|---------------|----------|
| W | 454m SE | Railway Building | 1956 - 1968 | 703902 |
| AE | 457m SE | Unspecified Commercial/Industrial | 1906 | 643374 |
| AE | 457m SE | Soap Works | 1916 - 1931 | 694481 |
| AE | 457m SE | Soap Works | 1938 | 709719 |
| AE | 463m SE | Dye Works | 1894 | 681867 |
| AB | 466m SE | Unspecified Heap | 1851 | 651069 |
| AB | 472m SE | Bleach Works | 1851 | 735800 |
| W | 472m SE | Railway Building | 1923 - 1931 | 780619 |
| AB | 473m E | Bleach Works | 1906 | 714892 |
| W | 473m SE | Railway Building | 1916 | 761173 |
| W | 474m SE | Railway Building | 1923 | 769758 |
| AE | 475m SE | Unspecified Works | 1968 | 679109 |
| AE | 475m SE | Soap Works | 1956 | 729418 |
| 24 | 491m S | Railway Building | 1923 | 670414 |

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

56

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on [page 15 >](#)

| ID | Location | Land use | Dates present | Group ID |
|----|----------|------------------|---------------|----------|
| 8 | 146m NW | Unspecified Tank | 1984 | 85302 |
| L | 180m E | Tanks | 1908 - 1933 | 102743 |
| J | 192m N | Tanks | 1951 | 89915 |
| J | 192m N | Tanks | 1952 | 97721 |



| ID | Location | Land use | Dates present | Group ID |
|----|----------|------------------|---------------|----------|
| J | 199m N | Unspecified Tank | 1952 | 101838 |
| J | 200m N | Unspecified Tank | 1952 | 94335 |
| J | 215m N | Unspecified Tank | 1952 | 100172 |
| J | 216m N | Unspecified Tank | 1952 | 90923 |
| J | 239m NE | Unspecified Tank | 1984 - 1992 | 89139 |
| P | 242m SE | Unspecified Tank | 1982 - 1992 | 103346 |
| J | 250m NE | Unspecified Tank | 1984 - 1992 | 90876 |
| J | 267m NE | Tanks | 1984 - 1992 | 101544 |
| J | 272m NE | Tanks | 1984 | 88030 |
| J | 286m NE | Tanks | 1984 - 1992 | 99178 |
| O | 288m SE | Tanks | 1982 - 1992 | 92388 |
| J | 294m NE | Tanks | 1984 - 1992 | 89405 |
| O | 308m SE | Unspecified Tank | 1952 - 1965 | 96629 |
| J | 313m NE | Unspecified Tank | 1984 - 1992 | 101324 |
| S | 319m S | Unspecified Tank | 1952 | 101250 |
| S | 319m S | Unspecified Tank | 1952 | 96680 |
| J | 320m NE | Tanks | 1992 | 88031 |
| J | 330m NE | Unspecified Tank | 1984 - 1992 | 103063 |
| J | 345m NE | Tanks | 1984 | 99075 |
| J | 346m NE | Tanks | 1965 | 94425 |
| J | 346m NE | Tanks | 1992 | 93344 |
| J | 353m NE | Tanks | 1984 | 91790 |
| J | 354m NE | Tanks | 1984 | 101532 |
| J | 354m NE | Tanks | 1968 | 98601 |
| J | 355m NE | Unspecified Tank | 1922 - 1933 | 90973 |
| J | 358m NE | Tanks | 1984 | 97205 |
| J | 365m NE | Unspecified Tank | 1893 | 85298 |
| J | 368m NE | Tanks | 1984 | 90478 |



| ID | Location | Land use | Dates present | Group ID |
|----|----------|------------------|---------------|----------|
| J | 379m NE | Unspecified Tank | 1992 | 85296 |
| J | 379m NE | Tanks | 1922 - 1933 | 94091 |
| J | 386m NE | Tanks | 1922 - 1933 | 97220 |
| J | 388m NE | Tanks | 1908 | 102688 |
| J | 395m NE | Unspecified Tank | 1984 - 1992 | 95084 |
| J | 395m NE | Tanks | 1968 - 1992 | 91568 |
| J | 396m NE | Tanks | 1984 | 92147 |
| J | 396m NE | Unspecified Tank | 1992 | 85297 |
| J | 397m NE | Tanks | 1965 | 97936 |
| AA | 399m NW | Unspecified Tank | 1933 | 85301 |
| AA | 406m NW | Unspecified Tank | 1952 | 92656 |
| J | 407m NE | Tanks | 1984 | 88039 |
| J | 408m NE | Tanks | 1992 | 89713 |
| J | 415m NE | Unspecified Tank | 1965 - 1984 | 97068 |
| J | 416m NE | Unspecified Tank | 1968 - 1992 | 100181 |
| J | 420m NE | Tanks | 1965 - 1992 | 90707 |
| Z | 422m S | Unspecified Tank | 1952 | 103770 |
| J | 422m NE | Tanks | 1984 | 88043 |
| J | 425m NE | Tanks | 1984 - 1992 | 91005 |
| AB | 452m E | Unspecified Tank | 1922 | 85295 |
| AB | 452m E | Tanks | 1933 | 88044 |
| W | 459m SE | Unspecified Tank | 1952 | 94871 |
| AB | 468m E | Unspecified Tank | 1922 - 1933 | 99916 |
| H | 486m NW | Tanks | 1963 - 1984 | 88811 |

This data is sourced from Ordnance Survey / Groundsure.



1.3 Historical energy features

Records within 500m

15

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on [page 15 >](#)

| ID | Location | Land use | Dates present | Group ID |
|----|----------|------------------------|---------------|----------|
| C | 163m NW | Electricity Substation | 1999 | 45871 |
| 9 | 216m NE | Electricity Substation | 1951 - 1968 | 58946 |
| O | 278m SE | Electricity Substation | 1982 - 1992 | 56237 |
| T | 301m E | Electricity Substation | 1992 | 49532 |
| T | 304m E | Electricity Substation | 1922 - 1952 | 55123 |
| J | 317m NE | Electricity Substation | 1992 | 45872 |
| T | 318m E | Electricity Substation | 1952 - 1982 | 55719 |
| J | 319m NE | Electricity Substation | 1984 | 54982 |
| J | 320m NE | Electricity Substation | 1965 - 1968 | 53901 |
| Y | 356m SW | Electricity Substation | 1984 | 53837 |
| Y | 356m SW | Electricity Substation | 1952 | 57471 |
| Y | 356m SW | Electricity Substation | 1952 | 55192 |
| Y | 361m SW | Electricity Substation | 1992 | 53545 |
| Y | 362m SW | Electricity Substation | 1992 | 54099 |
| 23 | 470m W | Electricity Substation | 1978 - 1992 | 53322 |

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m

0

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or



succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m

2

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on [page 15 >](#)

| ID | Location | Land use | Dates present | Group ID |
|----|----------|---------------|---------------|----------|
| E | 159m S | Carriage Shed | 1952 | 19760 |
| E | 169m S | Carriage Shed | 1908 - 1933 | 17458 |

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m

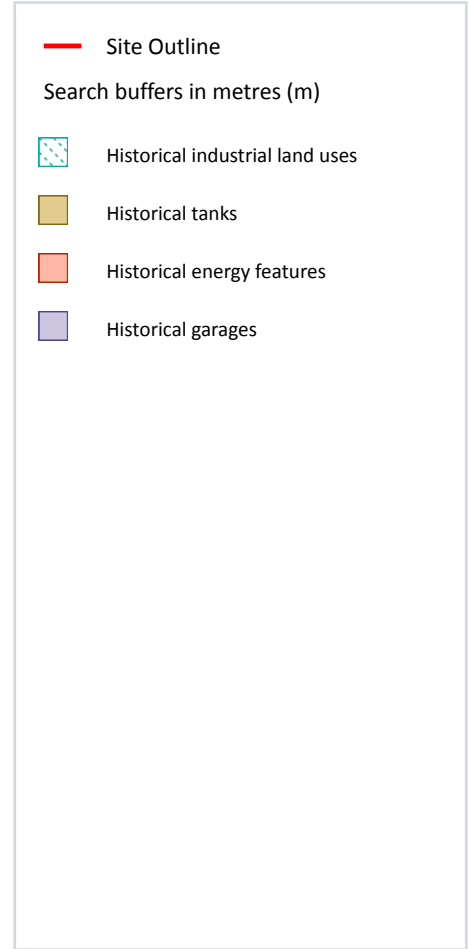
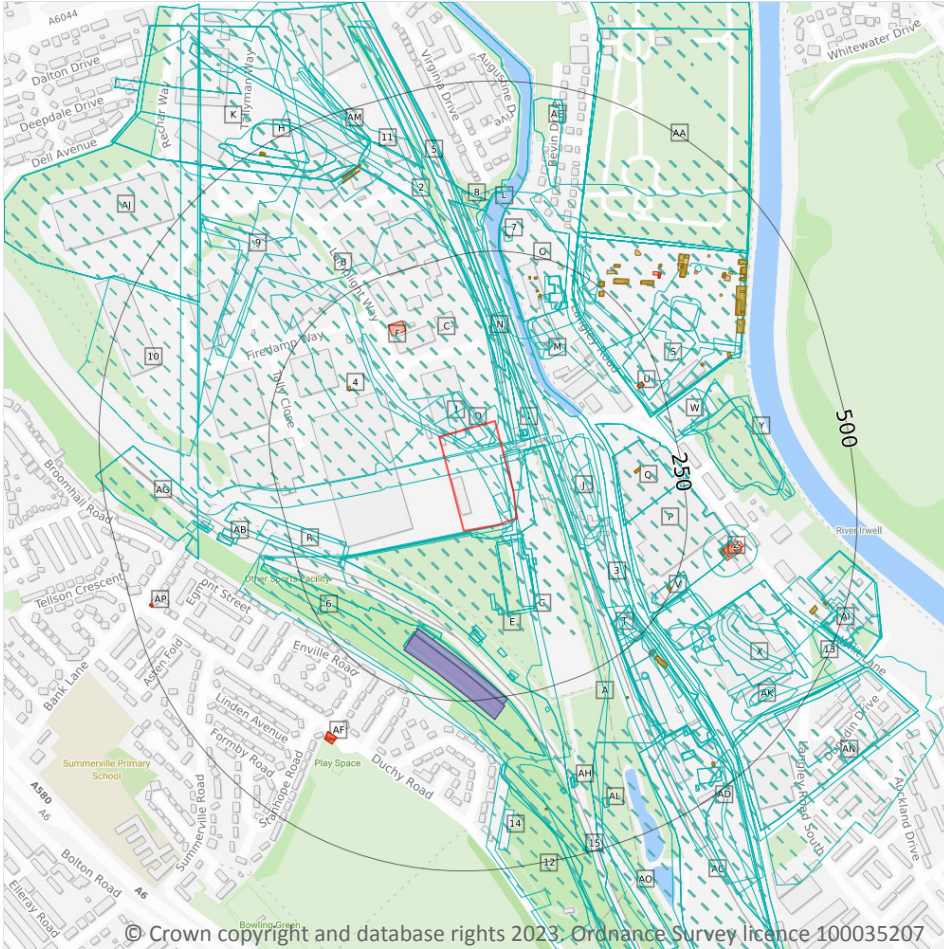
0

Areas of military land digitised from multiple sources including the National Archives, local records, MOD records and verified other sources, intelligently grouped into contiguous features.

This data is sourced from Ordnance Survey / Groundsure / other sources.



2 Past land use - un-grouped



2.1 Historical industrial land uses

Records within 500m **303**

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 10,560 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on [page 27](#) >

| ID | Location | Land Use | Date | Group ID |
|----|----------|-----------------------------|------|----------|
| 1 | On site | Unspecified Ground Workings | 1985 | 648361 |
| A | On site | Railway Sidings | 1894 | 2367775 |
| A | On site | Railway Sidings | 1985 | 2367775 |

| ID | Location | Land Use | Date | Group ID |
|----|----------|------------------|------|----------|
| A | On site | Railway Sidings | 1923 | 2367775 |
| B | On site | Colliery | 1985 | 753275 |
| B | On site | Colliery | 1977 | 751804 |
| B | On site | Unspecified Mine | 1968 | 691542 |
| C | On site | Railway Sidings | 1977 | 752129 |
| C | On site | Railway Sidings | 1968 | 2367775 |
| C | On site | Railway Building | 1968 | 670410 |
| C | On site | Unspecified Heap | 1956 | 651072 |
| D | On site | Unspecified Heap | 1977 | 737862 |
| D | On site | Unspecified Heap | 1968 | 737862 |
| D | On site | Cuttings | 1977 | 642710 |
| E | On site | Railway Sidings | 1956 | 2367775 |
| F | On site | Refuse Heaps | 1956 | 653473 |
| G | 4m S | Railway Sidings | 1938 | 2367775 |
| G | 4m S | Railway Sidings | 1931 | 2367775 |
| G | 4m S | Railway Sidings | 1916 | 2367775 |
| G | 4m S | Railway Sidings | 1906 | 2367775 |
| C | 8m SE | Railway Building | 1894 | 670409 |
| H | 11m NE | Railway Sidings | 1923 | 769204 |
| 2 | 12m NE | Railway Sidings | 1894 | 742656 |
| E | 21m SE | Engine Shed | 1968 | 729884 |
| E | 21m SE | Engine Shed | 1956 | 729884 |
| E | 25m S | Engine Shed | 1938 | 740534 |
| E | 25m S | Engine Shed | 1931 | 740534 |
| E | 25m S | Engine Shed | 1916 | 740534 |
| E | 25m S | Engine Shed | 1906 | 740534 |
| E | 25m S | Engine Shed | 1923 | 740534 |
| E | 29m S | Engine Shed | 1894 | 709343 |



| ID | Location | Land Use | Date | Group ID |
|----|----------|-----------------------------|------|----------|
| I | 31m NE | Railway Sidings | 1938 | 725866 |
| I | 31m NE | Railway Sidings | 1931 | 725866 |
| I | 31m NE | Railway Sidings | 1916 | 703296 |
| I | 31m NE | Railway Sidings | 1906 | 703296 |
| I | 33m NE | Railway Building | 1923 | 759844 |
| I | 35m NE | Railway Building | 1931 | 778497 |
| I | 35m NE | Railway Building | 1916 | 745499 |
| I | 37m NE | Railway Building | 1938 | 739606 |
| I | 46m NE | Cuttings | 1851 | 747851 |
| E | 63m SE | Railway Building | 1923 | 740131 |
| E | 63m SE | Railway Building | 1931 | 740131 |
| J | 70m E | Refuse Heap | 1956 | 728878 |
| K | 75m N | Tramway Sidings | 1938 | 769676 |
| K | 75m N | Tramway Sidings | 1931 | 752857 |
| K | 75m N | Railway Sidings | 1916 | 769204 |
| K | 75m N | Railway Sidings | 1906 | 764059 |
| J | 76m NE | Refuse Heap | 1977 | 776869 |
| I | 78m NE | Old Coal Pit | 1851 | 682287 |
| L | 80m NE | Disused Canal | 1985 | 2367189 |
| L | 80m NE | Disused Canal | 1977 | 2367189 |
| J | 87m E | Unspecified Ground Workings | 1923 | 648377 |
| E | 99m S | Railway Building | 1968 | 726263 |
| E | 99m S | Railway Building | 1956 | 726263 |
| 3 | 104m SE | Colliery | 1851 | 645306 |
| M | 113m NE | Refuse Heap | 1956 | 781565 |
| M | 116m NE | Refuse Heap | 1938 | 781565 |
| E | 121m S | Railway Building | 1938 | 713787 |
| E | 122m S | Railway Building | 1931 | 713787 |



| ID | Location | Land Use | Date | Group ID |
|----|----------|-----------------------------------|------|----------|
| M | 125m NE | Refuse Heap | 1931 | 776910 |
| N | 126m N | Railway Building | 1985 | 776455 |
| N | 126m N | Railway Building | 1977 | 776455 |
| N | 126m N | Railway Building | 1968 | 776455 |
| O | 127m N | Unspecified Works | 1956 | 759106 |
| E | 139m S | Railway Building | 1968 | 742741 |
| E | 139m S | Railway Building | 1956 | 742741 |
| P | 142m NE | Unspecified Works | 1985 | 719618 |
| P | 142m NE | Unspecified Works | 1977 | 719618 |
| P | 142m NE | Metal and Plastic Works | 1968 | 710510 |
| P | 142m NE | Metal and Plastic Works | 1956 | 710510 |
| E | 146m S | Railway Building | 1938 | 781822 |
| E | 146m S | Railway Building | 1931 | 781822 |
| E | 146m S | Railway Building | 1916 | 781822 |
| E | 146m S | Railway Building | 1906 | 781822 |
| E | 146m S | Railway Building | 1923 | 781822 |
| M | 147m NE | Corporation Yard | 1906 | 681773 |
| E | 149m S | Railway Building | 1968 | 726794 |
| E | 149m S | Railway Building | 1956 | 726794 |
| E | 151m S | Railway Building | 1894 | 702829 |
| O | 152m N | Unspecified Commercial/Industrial | 1985 | 784646 |
| O | 152m N | Unspecified Commercial/Industrial | 1977 | 784646 |
| O | 152m N | Unspecified Commercial/Industrial | 1968 | 784646 |
| Q | 153m E | Dye Works | 1938 | 726701 |
| Q | 153m E | Dye Works | 1931 | 726701 |
| Q | 153m E | Dye Works | 1916 | 726701 |
| Q | 153m E | Dye Works | 1906 | 726701 |
| Q | 153m E | Dye Works | 1923 | 726701 |



| ID | Location | Land Use | Date | Group ID |
|----|----------|---------------------|------|----------|
| E | 154m S | Railway Sidings | 1938 | 745313 |
| E | 154m S | Railway Building | 1938 | 771189 |
| E | 154m S | Railway Building | 1931 | 771189 |
| E | 154m S | Railway Sidings | 1931 | 745313 |
| E | 154m S | Railway Sidings | 1916 | 781598 |
| E | 154m S | Railway Building | 1916 | 771189 |
| E | 154m S | Railway Building | 1906 | 771189 |
| E | 154m S | Railway Sidings | 1906 | 781598 |
| E | 154m S | Railway Building | 1923 | 771189 |
| S | 155m N | Railway Sidings | 1985 | 742656 |
| E | 159m S | Railway Building | 1968 | 762286 |
| E | 159m S | Carriage Shed | 1956 | 710535 |
| E | 165m SW | Carriage Shed | 1938 | 701410 |
| E | 165m SW | Carriage Shed | 1931 | 701410 |
| E | 165m SW | Carriage Shed | 1916 | 701410 |
| E | 165m SW | Carriage Shed | 1906 | 701410 |
| E | 165m SW | Carriage Shed | 1923 | 701410 |
| R | 169m SW | Cuttings | 1968 | 788500 |
| R | 172m SW | Cuttings | 1985 | 771814 |
| R | 172m SW | Cuttings | 1977 | 771814 |
| E | 178m S | Railway Building | 1968 | 757605 |
| E | 178m S | Railway Building | 1956 | 757605 |
| O | 185m NE | Refuse Destructor | 1923 | 741130 |
| O | 188m NE | Refuse Destructor | 1931 | 724276 |
| O | 188m NE | Refuse Destructor | 1916 | 744852 |
| O | 188m NE | Disused Print Works | 1938 | 716362 |
| O | 188m NE | Disused Print Works | 1931 | 716362 |
| O | 188m NE | Print Works | 1916 | 706838 |



| ID | Location | Land Use | Date | Group ID |
|----|----------|---------------------|------|----------|
| O | 188m NE | Print Works | 1906 | 706838 |
| O | 188m NE | Print Works | 1923 | 731906 |
| O | 190m NE | Refuse Destructor | 1938 | 724276 |
| O | 192m NE | Unspecified Works | 1977 | 696116 |
| O | 192m NE | Unspecified Factory | 1968 | 670605 |
| O | 192m NE | Unspecified Works | 1956 | 766474 |
| O | 195m NE | Unspecified Works | 1985 | 696116 |
| S | 195m NE | Unspecified Depot | 1985 | 764772 |
| S | 204m NE | Unspecified Depot | 1977 | 761579 |
| S | 204m NE | Unspecified Depot | 1968 | 761579 |
| T | 207m SE | Unspecified Heap | 1851 | 651071 |
| T | 208m SE | Disused Paper Works | 1931 | 778668 |
| T | 208m SE | Disused Paper Works | 1916 | 752732 |
| T | 208m SE | Disused Paper Works | 1906 | 752732 |
| T | 208m SE | Paper Works | 1923 | 768180 |
| T | 208m SE | Disused Paper Works | 1938 | 778668 |
| T | 208m SE | Railway Sidings | 1916 | 766390 |
| T | 208m SE | Railway Sidings | 1906 | 732049 |
| O | 210m NE | Cuttings | 1956 | 642724 |
| E | 213m S | Railway Building | 1956 | 670408 |
| E | 219m S | Railway Building | 1923 | 784347 |
| E | 219m S | Railway Building | 1931 | 721845 |
| E | 219m S | Railway Building | 1916 | 701972 |
| O | 220m NE | Refuse Heap | 1938 | 697290 |
| T | 221m SE | Railway Building | 1968 | 670412 |
| O | 223m NE | Refuse Heap | 1931 | 697290 |
| O | 224m NE | Print Works | 1851 | 784409 |
| 6 | 230m SW | Gravel Pit | 1851 | 652915 |



| ID | Location | Land Use | Date | Group ID |
|----|----------|-----------------------------------|------|----------|
| V | 230m SE | Unspecified Heap | 1968 | 769075 |
| V | 230m SE | Unspecified Heap | 1956 | 769075 |
| W | 230m E | Unspecified Mill | 1985 | 726069 |
| V | 232m SE | Unspecified Heap | 1977 | 767462 |
| W | 233m E | Unspecified Mill | 1977 | 726069 |
| T | 244m SE | Unspecified Commercial/Industrial | 1956 | 643376 |
| X | 244m SE | Colliery | 1938 | 737443 |
| X | 244m SE | Colliery | 1931 | 737443 |
| X | 244m SE | Colliery | 1916 | 737443 |
| X | 244m SE | Colliery | 1906 | 737443 |
| X | 244m SE | Colliery | 1923 | 737443 |
| X | 247m SE | Colliery | 1894 | 748205 |
| T | 249m SE | Unspecified Heap | 1851 | 651070 |
| V | 249m SE | Refuse Heap | 1956 | 717415 |
| T | 251m SE | Paper Works | 1894 | 736919 |
| Y | 261m E | Refuse Heap | 1938 | 718932 |
| Y | 262m E | Refuse Heap | 1931 | 718932 |
| O | 264m NE | Print Works | 1894 | 784409 |
| 7 | 265m N | Unspecified Heap | 1931 | 651075 |
| Y | 275m E | Unspecified Pit | 1968 | 768063 |
| Y | 275m E | Unspecified Ground Workings | 1956 | 648360 |
| T | 275m SE | Unspecified Works | 1977 | 771931 |
| T | 275m SE | Railway Building | 1968 | 670413 |
| V | 276m SE | Refuse Heap | 1938 | 742868 |
| A | 277m S | Railway Building | 1923 | 670411 |
| Z | 278m E | Electricity Substation | 1916 | 728264 |
| V | 278m SE | Refuse Heap | 1931 | 790953 |
| R | 280m W | Railway Building | 1931 | 749711 |



| ID | Location | Land Use | Date | Group ID |
|----|----------|------------------------|------|----------|
| R | 280m W | Railway Building | 1916 | 749711 |
| T | 281m SE | Railway Sidings | 1938 | 722621 |
| R | 282m W | Railway Building | 1923 | 749711 |
| T | 294m SE | Unspecified Tank | 1977 | 674951 |
| T | 294m SE | Chimney | 1968 | 684312 |
| O | 296m NE | Unspecified Pit | 1931 | 729928 |
| T | 296m SE | Unspecified Works | 1985 | 771931 |
| Y | 296m E | Unspecified Pit | 1977 | 768063 |
| O | 297m NE | Unspecified Pit | 1956 | 705829 |
| AA | 298m N | Cemetery | 1923 | 744472 |
| AA | 298m N | Cemetery | 1938 | 708436 |
| AA | 298m N | Cemetery | 1931 | 744472 |
| AA | 298m N | Cemetery | 1916 | 744472 |
| AA | 298m N | Cemetery | 1906 | 740366 |
| Z | 299m E | Electricity Substation | 1923 | 728264 |
| AA | 305m N | Cemetery | 1985 | 784956 |
| AA | 305m N | Cemetery | 1977 | 784956 |
| AA | 305m N | Cemetery | 1968 | 784956 |
| AA | 305m N | Cemetery | 1956 | 784356 |
| V | 305m SE | Refuse Heap | 1956 | 742868 |
| X | 306m SE | Unspecified Works | 1985 | 764830 |
| X | 306m SE | Unspecified Works | 1977 | 764830 |
| X | 306m SE | Unspecified Works | 1968 | 764830 |
| 8 | 318m N | Unspecified Heap | 1956 | 651074 |
| V | 320m SE | Unspecified Old Shafts | 1923 | 738199 |
| AB | 320m W | Railway Station | 1968 | 701500 |
| AB | 320m W | Railway Station | 1956 | 701500 |
| V | 323m SE | Unspecified Old Shafts | 1916 | 738199 |



| ID | Location | Land Use | Date | Group ID |
|----|----------|------------------------|------|----------|
| X | 329m SE | Railway Sidings | 1931 | 641688 |
| 9 | 329m NW | Railway Sidings | 1985 | 769205 |
| AB | 331m W | Railway Station | 1938 | 723033 |
| AB | 331m W | Railway Station | 1931 | 723033 |
| AB | 331m W | Railway Station | 1916 | 723033 |
| AB | 331m W | Railway Station | 1906 | 723033 |
| AB | 331m W | Railway Station | 1923 | 723033 |
| V | 332m SE | Unspecified Old Shafts | 1923 | 757050 |
| V | 333m SE | Unspecified Old Shafts | 1916 | 757050 |
| X | 335m SE | Tramway Sidings | 1938 | 670785 |
| T | 336m SE | Railway Sidings | 1938 | 711259 |
| AC | 336m SE | Railway Sidings | 1956 | 2367775 |
| AD | 346m SE | Colliery | 1851 | 645307 |
| 10 | 353m W | Sludge Beds | 1988 | 680193 |
| AB | 354m W | Railway Building | 1956 | 717105 |
| AE | 355m N | Unspecified Heap | 1968 | 748288 |
| AE | 355m N | Unspecified Heap | 1956 | 748288 |
| AB | 356m W | Railway Building | 1968 | 751972 |
| AB | 361m W | Railway Building | 1931 | 758425 |
| AB | 361m W | Railway Building | 1916 | 705952 |
| AB | 363m W | Railway Buildings | 1923 | 681681 |
| AG | 367m W | Railway Sidings | 1988 | 721881 |
| AG | 367m W | Railway Sidings | 1973 | 721881 |
| AG | 367m W | Railway Sidings | 1967 | 721881 |
| AG | 367m W | Railway Sidings | 1956 | 721881 |
| O | 369m NE | Chimney | 1968 | 684313 |
| 11 | 371m N | Refuse Heap | 1956 | 744960 |
| K | 372m NW | Colliery | 1938 | 698245 |



| ID | Location | Land Use | Date | Group ID |
|----|----------|-----------------------------------|------|----------|
| 12 | 380m S | Unspecified Works | 1968 | 786827 |
| AH | 383m S | Railway Building | 1956 | 736065 |
| AH | 386m S | Railway Building | 1931 | 695194 |
| AH | 386m S | Railway Building | 1916 | 775142 |
| AH | 388m S | Railway Building | 1923 | 696171 |
| AC | 389m SE | Railway Sidings | 1938 | 2367775 |
| AC | 389m SE | Railway Sidings | 1931 | 2367775 |
| AC | 389m SE | Railway Sidings | 1916 | 2367775 |
| AC | 389m SE | Railway Sidings | 1906 | 2367775 |
| K | 396m NW | Disused Colliery | 1956 | 671707 |
| AD | 397m SE | Railway Building | 1931 | 705116 |
| AD | 397m SE | Railway Building | 1923 | 705116 |
| AD | 398m SE | Unspecified Mills | 1894 | 653103 |
| AH | 398m S | Railway Building | 1931 | 750551 |
| H | 398m NW | Unspecified Tank | 1931 | 674946 |
| AH | 399m S | Railway Building | 1923 | 750551 |
| 13 | 401m SE | Colliery | 1851 | 741746 |
| AI | 402m E | Unspecified Mill | 1894 | 656756 |
| AJ | 404m NW | Railway Sidings | 1988 | 769204 |
| AJ | 404m NW | Colliery | 1988 | 753275 |
| AJ | 404m NW | Railway Sidings | 1973 | 769204 |
| AJ | 404m NW | Unspecified Commercial/Industrial | 1973 | 706493 |
| AJ | 404m NW | Railway Sidings | 1967 | 769204 |
| AJ | 404m NW | Unspecified Commercial/Industrial | 1967 | 703044 |
| H | 406m NW | Unspecified Tank | 1938 | 674945 |
| K | 407m NW | Colliery | 1931 | 753275 |
| K | 407m NW | Colliery | 1916 | 784603 |
| K | 407m NW | Colliery | 1906 | 784603 |



| ID | Location | Land Use | Date | Group ID |
|----|----------|-----------------------------|------|----------|
| K | 407m NW | Colliery | 1923 | 753275 |
| 14 | 414m S | Unspecified Works | 1985 | 785626 |
| AK | 415m SE | Refuse Heap | 1956 | 697754 |
| AD | 422m SE | Railway Building | 1938 | 726437 |
| AD | 422m SE | Railway Building | 1916 | 776406 |
| AD | 422m SE | Railway Building | 1906 | 776406 |
| AD | 422m SE | Railway Building | 1923 | 776406 |
| AD | 424m SE | Railway Building | 1931 | 712002 |
| K | 429m NW | Unspecified Ground Workings | 1956 | 648359 |
| AL | 431m S | Railway Building | 1985 | 784493 |
| AL | 431m S | Railway Building | 1977 | 784493 |
| AL | 431m S | Railway Building | 1968 | 784493 |
| K | 432m NW | Refuse Heap | 1938 | 704936 |
| K | 432m NW | Refuse Heap | 1931 | 704936 |
| K | 432m NW | Refuse Heap | 1916 | 704936 |
| K | 432m NW | Refuse Heap | 1906 | 704936 |
| K | 432m NW | Refuse Heap | 1923 | 704936 |
| AK | 434m SE | Refuse Heap | 1938 | 719469 |
| AK | 434m SE | Refuse Heap | 1931 | 719469 |
| AM | 435m N | Refuse Heap | 1931 | 708515 |
| AI | 436m E | Bleach Works | 1923 | 779870 |
| AI | 439m E | Unspecified Works | 1931 | 788463 |
| AI | 439m E | Bleach Works | 1916 | 786752 |
| AM | 440m N | Refuse Heap | 1938 | 708515 |
| AN | 446m SE | Print and Chemical Works | 1851 | 682889 |
| AE | 448m N | Unspecified Heap | 1985 | 779123 |
| AE | 448m N | Unspecified Heap | 1977 | 779123 |
| AO | 449m S | Railway Sidings | 1931 | 702812 |



| ID | Location | Land Use | Date | Group ID |
|----|----------|-----------------------------------|------|----------|
| AO | 449m S | Railway Sidings | 1916 | 771669 |
| AD | 454m SE | Railway Building | 1968 | 703902 |
| AD | 454m SE | Railway Building | 1956 | 703902 |
| AN | 457m SE | Soap Works | 1938 | 709719 |
| AN | 457m SE | Soap Works | 1931 | 694481 |
| AN | 457m SE | Soap Works | 1916 | 694481 |
| AN | 457m SE | Unspecified Commercial/Industrial | 1906 | 643374 |
| AN | 457m SE | Soap Works | 1923 | 694481 |
| AI | 463m E | Unspecified Works | 1938 | 788463 |
| AN | 463m SE | Dye Works | 1894 | 681867 |
| AI | 466m SE | Unspecified Heap | 1851 | 651069 |
| AI | 472m SE | Bleach Works | 1851 | 735800 |
| AD | 472m SE | Railway Building | 1931 | 780619 |
| AD | 473m SE | Railway Building | 1923 | 780619 |
| AI | 473m E | Bleach Works | 1906 | 714892 |
| AD | 473m SE | Railway Building | 1916 | 761173 |
| AD | 474m SE | Railway Building | 1923 | 769758 |
| AN | 475m SE | Unspecified Works | 1968 | 679109 |
| AN | 475m SE | Soap Works | 1956 | 729418 |
| 15 | 491m S | Railway Building | 1923 | 670414 |

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

90

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on [page 27 >](#)



| ID | Location | Land Use | Date | Group ID |
|----|----------|------------------|------|----------|
| 4 | 146m NW | Unspecified Tank | 1984 | 85302 |
| Q | 180m E | Tanks | 1908 | 102743 |
| Q | 180m E | Tanks | 1922 | 102743 |
| Q | 180m E | Tanks | 1933 | 102743 |
| O | 192m N | Tanks | 1951 | 89915 |
| O | 192m N | Tanks | 1952 | 97721 |
| O | 199m N | Unspecified Tank | 1952 | 101838 |
| O | 200m N | Unspecified Tank | 1952 | 94335 |
| O | 215m N | Unspecified Tank | 1952 | 100172 |
| O | 215m N | Unspecified Tank | 1952 | 100172 |
| O | 216m N | Unspecified Tank | 1952 | 90923 |
| O | 217m N | Unspecified Tank | 1952 | 90923 |
| O | 239m NE | Unspecified Tank | 1984 | 89139 |
| O | 240m NE | Unspecified Tank | 1992 | 89139 |
| V | 242m SE | Unspecified Tank | 1982 | 103346 |
| V | 243m SE | Unspecified Tank | 1992 | 103346 |
| O | 250m NE | Unspecified Tank | 1984 | 90876 |
| O | 252m NE | Unspecified Tank | 1992 | 90876 |
| O | 267m NE | Tanks | 1984 | 101544 |
| O | 268m NE | Tanks | 1992 | 101544 |
| O | 272m NE | Tanks | 1984 | 88030 |
| O | 286m NE | Tanks | 1984 | 99178 |
| O | 288m NE | Tanks | 1992 | 99178 |
| T | 288m SE | Tanks | 1982 | 92388 |
| T | 289m SE | Tanks | 1992 | 92388 |
| O | 294m NE | Tanks | 1984 | 89405 |
| O | 296m NE | Tanks | 1992 | 89405 |
| T | 308m SE | Unspecified Tank | 1952 | 96629 |



| ID | Location | Land Use | Date | Group ID |
|----|----------|------------------|------|----------|
| T | 308m SE | Unspecified Tank | 1952 | 96629 |
| T | 308m SE | Unspecified Tank | 1965 | 96629 |
| O | 313m NE | Unspecified Tank | 1984 | 101324 |
| O | 314m NE | Unspecified Tank | 1992 | 101324 |
| A | 319m S | Unspecified Tank | 1952 | 101250 |
| A | 319m S | Unspecified Tank | 1952 | 96680 |
| O | 320m NE | Tanks | 1992 | 88031 |
| O | 330m NE | Unspecified Tank | 1984 | 103063 |
| O | 332m NE | Unspecified Tank | 1992 | 103063 |
| O | 345m NE | Tanks | 1984 | 99075 |
| O | 346m NE | Tanks | 1965 | 94425 |
| O | 346m NE | Tanks | 1992 | 93344 |
| O | 353m NE | Tanks | 1984 | 91790 |
| O | 354m NE | Tanks | 1984 | 101532 |
| O | 354m NE | Tanks | 1968 | 98601 |
| O | 355m NE | Unspecified Tank | 1922 | 90973 |
| O | 355m NE | Unspecified Tank | 1933 | 90973 |
| O | 358m NE | Tanks | 1984 | 97205 |
| O | 365m NE | Unspecified Tank | 1893 | 85298 |
| O | 368m NE | Tanks | 1984 | 90478 |
| O | 379m NE | Unspecified Tank | 1992 | 85296 |
| O | 379m NE | Tanks | 1922 | 94091 |
| O | 379m NE | Tanks | 1933 | 94091 |
| O | 386m NE | Tanks | 1922 | 97220 |
| O | 386m NE | Tanks | 1933 | 97220 |
| O | 388m NE | Tanks | 1908 | 102688 |
| O | 395m NE | Unspecified Tank | 1984 | 95084 |
| O | 395m NE | Tanks | 1984 | 91568 |



| ID | Location | Land Use | Date | Group ID |
|----|----------|------------------|------|----------|
| O | 396m NE | Tanks | 1984 | 92147 |
| O | 396m NE | Unspecified Tank | 1992 | 85297 |
| O | 396m NE | Unspecified Tank | 1992 | 95084 |
| O | 396m NE | Tanks | 1968 | 91568 |
| O | 397m NE | Tanks | 1965 | 97936 |
| O | 397m NE | Tanks | 1992 | 91568 |
| H | 399m NW | Unspecified Tank | 1933 | 85301 |
| H | 406m NW | Unspecified Tank | 1952 | 92656 |
| H | 406m NW | Unspecified Tank | 1952 | 92656 |
| O | 407m NE | Tanks | 1984 | 88039 |
| O | 408m NE | Tanks | 1992 | 89713 |
| O | 415m NE | Unspecified Tank | 1984 | 97068 |
| O | 416m NE | Unspecified Tank | 1965 | 97068 |
| O | 416m NE | Unspecified Tank | 1992 | 100181 |
| O | 417m NE | Unspecified Tank | 1968 | 100181 |
| O | 420m NE | Tanks | 1984 | 90707 |
| O | 421m NE | Tanks | 1968 | 90707 |
| O | 422m NE | Tanks | 1965 | 90707 |
| O | 422m NE | Tanks | 1992 | 90707 |
| AH | 422m S | Unspecified Tank | 1952 | 103770 |
| O | 422m NE | Tanks | 1984 | 88043 |
| AH | 423m S | Unspecified Tank | 1952 | 103770 |
| O | 425m NE | Tanks | 1984 | 91005 |
| O | 427m NE | Tanks | 1992 | 91005 |
| AI | 452m E | Unspecified Tank | 1922 | 85295 |
| AI | 452m E | Tanks | 1933 | 88044 |
| AD | 459m SE | Unspecified Tank | 1952 | 94871 |
| AD | 459m SE | Unspecified Tank | 1952 | 94871 |



| ID | Location | Land Use | Date | Group ID |
|----|----------|------------------|------|----------|
| AI | 468m E | Unspecified Tank | 1922 | 99916 |
| AI | 468m E | Unspecified Tank | 1933 | 99916 |
| K | 486m NW | Tanks | 1963 | 88811 |
| K | 486m NW | Tanks | 1965 | 88811 |
| K | 487m NW | Tanks | 1984 | 88811 |
| K | 487m NW | Tanks | 1963 | 88811 |

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

24

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on [page 27 >](#)

| ID | Location | Land Use | Date | Group ID |
|----|----------|------------------------|------|----------|
| F | 163m NW | Electricity Substation | 1999 | 45871 |
| U | 216m NE | Electricity Substation | 1965 | 58946 |
| U | 216m NE | Electricity Substation | 1952 | 58946 |
| U | 216m NE | Electricity Substation | 1951 | 58946 |
| U | 216m NE | Electricity Substation | 1968 | 58946 |
| T | 278m SE | Electricity Substation | 1982 | 56237 |
| T | 278m SE | Electricity Substation | 1992 | 56237 |
| Z | 301m E | Electricity Substation | 1992 | 49532 |
| Z | 304m E | Electricity Substation | 1922 | 55123 |
| Z | 306m E | Electricity Substation | 1952 | 55123 |
| O | 317m NE | Electricity Substation | 1992 | 45872 |
| Z | 318m E | Electricity Substation | 1982 | 55719 |
| Z | 319m E | Electricity Substation | 1952 | 55719 |
| O | 319m NE | Electricity Substation | 1984 | 54982 |



| ID | Location | Land Use | Date | Group ID |
|----|----------|------------------------|------|----------|
| O | 320m NE | Electricity Substation | 1968 | 53901 |
| O | 320m NE | Electricity Substation | 1965 | 53901 |
| AF | 356m SW | Electricity Substation | 1984 | 53837 |
| AF | 356m SW | Electricity Substation | 1952 | 57471 |
| AF | 356m SW | Electricity Substation | 1952 | 55192 |
| AF | 361m SW | Electricity Substation | 1992 | 53545 |
| AF | 362m SW | Electricity Substation | 1992 | 54099 |
| AP | 470m W | Electricity Substation | 1986 | 53322 |
| AP | 470m W | Electricity Substation | 1992 | 53322 |
| AP | 470m W | Electricity Substation | 1978 | 53322 |

This data is sourced from Ordnance Survey / Groundsure.

2.4 Historical petrol stations

Records within 500m

0

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

2.5 Historical garages

Records within 500m

5

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on [page 27 >](#)

| ID | Location | Land Use | Date | Group ID |
|----|----------|---------------|------|----------|
| E | 159m S | Carriage Shed | 1952 | 19760 |
| E | 159m S | Carriage Shed | 1952 | 19760 |
| E | 169m S | Carriage Shed | 1908 | 17458 |

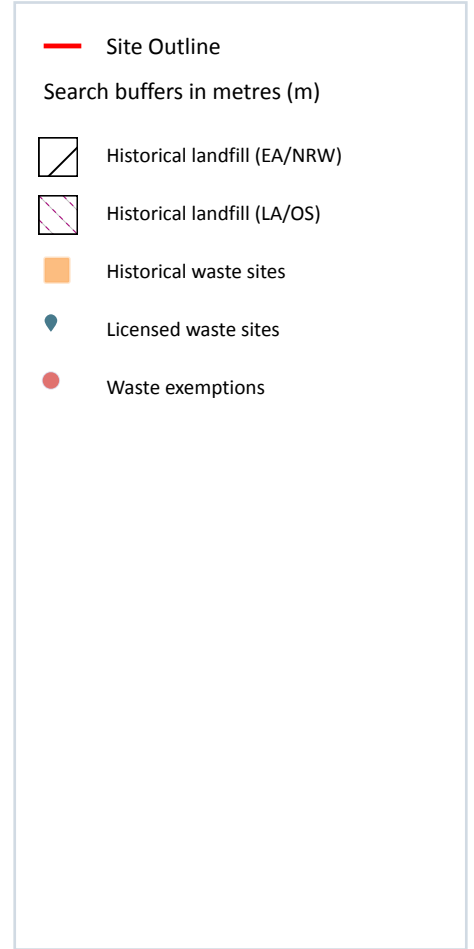
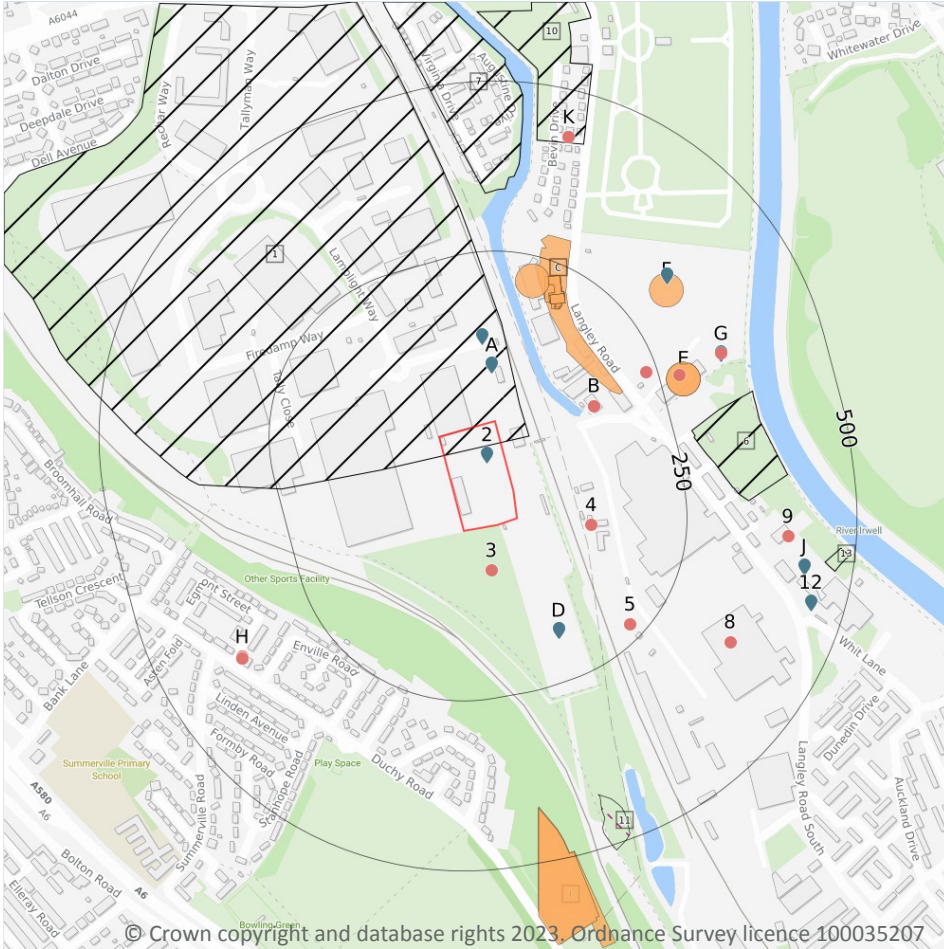


| ID | Location | Land Use | Date | Group ID |
|----|----------|---------------|------|----------|
| E | 169m S | Carriage Shed | 1922 | 17458 |
| E | 169m S | Carriage Shed | 1933 | 17458 |

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



3.1 Active or recent landfill

Records within 500m

0

Active or recently closed landfill sites under Environment Agency/Natural Resources Wales regulation.

This data is sourced from the Environment Agency and Natural Resources Wales.

3.2 Historical landfill (BGS records)

Records within 500m

0

Landfill sites identified on a survey carried out on behalf of the DoE in 1973. These sites may have been closed or operational at this time.

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m

1

Landfill sites identified from Local Authority records and high detail historical mapping.

Features are displayed on the Waste and landfill map on [page 45 >](#)

| ID | Location | Site address | Source | Data type |
|----|----------|--------------|--------------|-----------|
| 11 | 423m S | Refuse Tip | 1989 mapping | Polygon |

This data is sourced from the Ordnance Survey/Groundsure and Local Authority records.

3.4 Historical landfill (EA/NRW records)

Records within 500m

5

Known historical (closed) landfill sites (e.g. sites where there is no PPC permit or waste management licence currently in force). This includes sites that existed before the waste licensing regime and sites that have been licensed in the past but where a licence has been revoked, ceased to exist or surrendered and a certificate of completion has been issued.

Features are displayed on the Waste and landfill map on [page 45 >](#)

| ID | Location | Details | | |
|----|----------|--|---|--|
| 1 | On site | Site Address: Agecroft Colliery, Agecroft Road, Pendlebury, Salford, Greater Manchester Licence Holder Address: - | Waste Licence: Yes Site Reference: E069, RD/LIC/722/91 Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 12/11/1991 Licence Surrender: 29/04/1994 | Operator: - Licence Holder: Excavation and Contracting Northern Limited First Recorded 31/07/1991 Last Recorded: 31/12/1992 |
| 6 | 276m E | Site Address: Land to the rear of 44-62 Langley Road, Langley Road, Lower Kersal, Salford, Greater Manchester Licence Holder Address: - | Waste Licence: Yes Site Reference: E034, RD/LIC/221/81 Waste Type: Inert, Industrial, Household Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 19/08/1981 Licence Surrender: 22/09/1995 | Operator: - Licence Holder: M Costello Limited First Recorded 01/10/1981 Last Recorded: 31/12/1991 |



| ID | Location | Details | | |
|----|----------|---|--|---|
| 7 | 335m N | Site Address: Section 2, Jewish Cemetery, Agecroft Road, Pendlebury, Salford, Greater Manchester Licence Holder Address: - | Waste Licence: Yes Site Reference: E056, RD/LIC/521/88 Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 25/01/1989 Licence Surrender: - | Operator: - Licence Holder: Central and North Manchester Synagogue First Recorded 30/11/1988 Last Recorded: 31/12/1991 |
| 10 | 417m N | Site Address: Jewish Cemetery, Butterstile Lane, Prestwich, Bury Licence Holder Address: - | Waste Licence: - Site Reference: RD/LIC/600/90, E055 Waste Type: Industrial Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: - | Operator: - Licence Holder: - First Recorded - Last Recorded: - |
| 13 | 457m E | Site Address: Whit Lane, Salford, Greater Manchester Licence Holder Address: - | Waste Licence: - Site Reference: WML/1069 Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: - | Operator: - Licence Holder: - First Recorded - Last Recorded: - |

This data is sourced from the Environment Agency and Natural Resources Wales.

3.5 Historical waste sites

Records within 500m

13

Waste site records derived from Local Authority planning records and high detail historical mapping.

Features are displayed on the Waste and landfill map on [page 45 >](#)

| ID | Location | Address | Further Details | Date |
|----|----------|-------------------|---|------|
| C | 147m NE | Site Address: N/A | Type of Site: Corporation Refuse Destructor Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon | 1933 |
| C | 184m NE | Site Address: N/A | Type of Site: Refuse Destructor Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon | 1923 |



| ID | Location | Address | Further Details | Date |
|----|----------|---|--|------|
| C | 187m NE | Site Address: N/A | Type of Site: Refuse Destructor Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon | 1931 |
| C | 187m NE | Site Address: N/A | Type of Site: Refuse Destructor Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon | 1916 |
| C | 188m N | Site Address: Maigh Eo House, Langley Road, Pendlebury, SALFORD, Greater Manchester, M6 6FG | Type of Site: Recycling Facilities Planning application reference: 10/58942/FUL Description: Scheme comprises change of use from HGV transport and storage to a waste recycling facilities together with construction of a single storey building. An application (ref: 10/58942/FUL) for detailed planning permission was refused by Salford C.C. A detailed planning application has been refused. Data source: Historic Planning Application Data Type: Point | - |
| C | 190m NE | Site Address: N/A | Type of Site: Refuse Destructor Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon | 1938 |
| C | 191m N | Site Address: N/A | Type of Site: Refuse Destructor Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon | 1908 |
| C | 191m N | Site Address: N/A | Type of Site: Refuse Destructor Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon | 1922 |
| E | 258m NE | Site Address: Formerly Hercules Ltd, Langley Road, Pendlebury, Swinton, MANCHESTER, Greater Manchester, M27 8SS | Type of Site: Waste Transfer Station Planning application reference: 09/58060/COU Description: Scheme comprises change of use of land from chemicals plant to recycling and construction waste (temporary period of 5 years). An application (ref: 09/58060/COU) for detailed planning permission was submitted to Salford C.C. Data source: Historic Planning Application Data Type: Point | - |



| ID | Location | Address | Further Details | Date |
|----|----------|--|---|------------|
| E | 258m NE | Site Address: Hercules Ltd, Langley Road, Swinton, Pendlebury, MANCHESTER, Greater Manchester, M27 8SS | Type of Site: Recycling Centre (Conversion) Planning application reference: 09/58060/FUL Description: Scheme comprises change of use of land from chemicals plant to recycling of construction waste (temp period of 5 years). Construction - timber frame; fencing site works. An application (ref: 09/58060/FUL) for detailed planning permission was granted by alford C.C. A detailed planning application has been granted. Data source: Historic Planning Application Data Type: Point | 19/06/2010 |
| F | 292m NE | Site Address: W Maher & Sons Ltd Inert Waste, Langley Road, Swinton, Manchester, Greater Manchester, M27 8SS | Type of Site: Waste Recycling Facility (Extension) Planning application reference: 15/66565/FUL Description: Scheme comprises extension of temporary use for a further 5 years of inert construction waste recycling facility The associated works include sewer systems, landscaping, infrastructure and enabling. Data source: Historic Planning Application Data Type: Point | 04/09/2015 |
| I | 418m S | Site Address: N/A | Type of Site: Scrap Metal Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon | 1975 |
| I | 420m S | Site Address: N/A | Type of Site: Scrap Metal Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon | 1980 |

This data is sourced from Ordnance Survey/Groundsure and Local Authority records.

3.6 Licensed waste sites

Records within 500m

14

Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation.

Features are displayed on the Waste and landfill map on [page 45](#) >



| ID | Location | Details | | |
|----|----------|---|---|---|
| 2 | On site | Site Name: Foxhall Waste Limited Site Address: Foxhall Waste Limited, Mayo House, Swinton, Pendlebury, Manchester, M27 8BQ Correspondence Address: - | Type of Site: Asbestos Waste Transfer Station Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 648045 EPR reference: EA/EPR/FB3403TE Operator: Foxhall Waste Limited Waste Management licence No: 404225 Annual Tonnage: 3649 | Issue Date: 31/08/2017 Effective Date: 31/08/2017 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: 31/08/2017 Status: Issued |
| A | 81m N | Site Name: A1 Waste Transfer Station Site Address: A1 Waste Transfer Station, Overman Way, Agecroft Commerce Park, Salford, Lancs, M27 8UJ Correspondence Address: - | Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: A1S016 EPR reference: EA/EPR/AB3939RT/A001 Operator: A1 Services (Manchester) Ltd Waste Management licence No: 103150 Annual Tonnage: 235000 | Issue Date: 27/01/2012 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued |
| A | 81m N | Site Name: A1 Waste Transfer Station Site Address: A1 Waste Transfer Station, Overman Way, Agecroft Commerce Park, Salford, Lancashire, M27 8UJ Correspondence Address: - | Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: MWR003 EPR reference: EA/EPR/MB3034AP/S004 Operator: Manchester Waste Recycling Limited Waste Management licence No: 103150 Annual Tonnage: 235000 | Issue Date: 27/01/2012 Effective Date: 15/11/2012 Modified: 06/08/2020 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified |



| ID | Location | Details | | |
|----|----------|---|---|--|
| A | 81m N | Site Name: A1 Waste Transfer Station Site Address: A1 Services (Manchester) Limited, A1 Waste Transfer Station, Overman Way, Agecroft Commerce Park, Salford, Lancashire, M27 8UJ Correspondence Address: - | Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 636061 EPR reference: EA/EPR/JB3701XB Operator: A1 Services (Manchester) Limited Waste Management licence No: 103150 Annual Tonnage: 235000 | Issue Date: 27/01/2012 Effective Date: 27/01/2012 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: 27/01/2012 Status: Issued |
| A | 126m N | Site Name: Foxhall Farm Limited Site Address: Foxhall Waste Limited, Mayo House, Swinton, Pendlebury, Manchester, M27 8BQ Correspondence Address: - | Type of Site: Asbestos Waste Transfer Station Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 641844 EPR reference: EA/EPR/FB3707SM Operator: Foxhall Waste Limited Waste Management licence No: 404473 Annual Tonnage: 0 | Issue Date: 15/12/2017 Effective Date: 15/12/2017 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: 15/12/2017 Status: Issued |
| D | 176m SE | Site Name: Aggregate And Soil Recycling Facility Site Address: Aggregate And Soil Recycling Facility, Overman Way, Agecroft Commerce Park, Salford, Lancashire, M27 8UJ Correspondence Address: - | Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CHA001 EPR reference: EA/EPR/EB3903LV/T001 Operator: Chartrange (Quarry Products) Limited Waste Management licence No: 403873 Annual Tonnage: 0 | Issue Date: 29/03/2017 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Tran Part |



| ID | Location | Details | | |
|----|----------|---|--|--|
| D | 176m SE | Site Name: Aggregate And Soil Recycling Facility Site Address: Aggregate And Soil Recycling Facility, Overman Way, Agecroft Commerce Park, Salford, Lancashire, M27 8UJ Correspondence Address: - | Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CHA001 EPR reference: EA/EPR/EB3903LV/T001 Operator: Chartrange (Quarry Products) Limited Waste Management licence No: 403873 Annual Tonnage: 0 | Issue Date: 29/03/2017 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Tran Part |
| D | 176m SE | Site Name: Aggregate And Soil Recycling Facility Site Address: Chartrange (Quarry Products) Limited, Aggregate And Soil Recycling Facility, Overman Way, Agecroft Commerce Park, Salford, Lancashire, M27 8UJ Correspondence Address: - | Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 644740 EPR reference: EA/EPR/EB3903LV Operator: Chartrange (Quarry Products) Limited Waste Management licence No: 403873 Annual Tonnage: 0 | Issue Date: 29/03/2017 Effective Date: 29/03/2017 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: 29/03/2017 Status: Issued |
| F | 330m NE | Site Name: Langley Road Site Address: Churchill Enviro Ltd, Langley Road, Pendlebury, Manchester, M6 6JU Correspondence Address: - | Type of Site: Treatment of waste to produce soil 75,000 tpy Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CHE137 EPR reference: EA/EPR/GB3931AX/A001 Operator: Churchill Enviro Ltd Waste Management licence No: 104215 Annual Tonnage: 74999 | Issue Date: 15/05/2012 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued |



| ID | Location | Details | | |
|----|----------|---|--|--|
| F | 330m NE | Site Name: Langley Road Site Address: Churchill Enviro Limited, Churchill Enviro Ltd, Langley Road, Pendlebury, Salford, Manchester, M6 6JU Correspondence Address: - | Type of Site: Treatment of waste to produce soil 75,000 tpy Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 649142 EPR reference: EA/EPR/GB3931AX Operator: Churchill Enviro Limited Waste Management licence No: 104215 Annual Tonnage: 74999 | Issue Date: 15/05/2012 Effective Date: 15/05/2012 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: 15/05/2012 Status: Issued |
| G | 346m NE | Site Name: Aggregate Recycling Yard Site Address: Amp Nw Ltd, Yard to rear of, 70 Langley Road South, Salford, M6 6JP Correspondence Address: - | Type of Site: Inert & excavation Waste TS + treatment Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: - EPR reference: EA/EPR/WE4636AA/A001 Operator: Amp Nw Ltd Waste Management licence No: 120119 Annual Tonnage: - | Issue Date: 12/09/2019 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued |
| J | 427m E | Site Name: L W Gresty & Son Site Address: 300, Langley Road South, Salford, Manchester, M6 6ST Correspondence Address: - | Type of Site: ELV Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: GRE015 EPR reference: EA/EPR/HP3494CE/A001 Operator: Mr Barry Gresty And Mrs Brenda Thomason Waste Management licence No: 50340 Annual Tonnage: 2500 | Issue Date: 18/10/2004 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued |
| J | 427m E | Site Name: Salford Car Breakers Site Address: Salford Car Breakers Limited, 300, Langley Road South, Salford, Salford, Manchester, M6 6ST Correspondence Address: - | Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 643416 EPR reference: EA/EPR/PB3931AE Operator: Salford Car Breakers Limited Waste Management licence No: 50340 Annual Tonnage: 2500 | Issue Date: 18/10/2004 Effective Date: 18/10/2004 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: 18/10/2004 Status: Issued |



| ID | Location | Details | | |
|----|----------|--|---|---|
| 12 | 449m E | Site Name: R English Site Address: Ronald English, Regatta Street, Salford, Lancashire, M6 Correspondence Address: - | Type of Site: Metal Recycling Site (mixed MRS's) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 632779 EPR reference: EA/EPR/NP3692CY Operator: Ronald English Waste Management licence No: 53544 Annual Tonnage: 6160 | Issue Date: 13/06/1997 Effective Date: 13/06/1997 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: 13/06/1997 Status: Revoked |

This data is sourced from the Environment Agency and Natural Resources Wales.

3.7 Waste exemptions

Records within 500m

17

Activities involving the storage, treatment, use or disposal of waste that are exempt from needing a permit. Exemptions have specific limits and conditions that must be adhered to.

Features are displayed on the Waste and landfill map on [page 45 >](#)

| ID | Location | Site | Reference | Category | Sub-Category | Description |
|----|----------|--|-----------------------|--------------------------|--------------------------------|---|
| 3 | 65m S | - | WEX088560 | Using waste exemption | Not on a farm | Use of waste in construction |
| 4 | 109m SE | Agecroft Contracting Parkhouse Bridge Road off Langley Road Greater Manchester M6 6JQ | EPR/NE5348N Z/A001 | Storing waste exemption | Non-Agricultural Waste Only | Storage of waste in a secure place |
| B | 146m NE | Park House, Bridge Road, Langley Road, Salford, M6 6JQ | WEX004095 | Storing waste exemption | Not on a farm | Storage of waste in a secure place |
| B | 146m NE | Park House, Bridge Road, Langley Road, Salford, M6 6JQ | WEX004095 | Treating waste exemption | Not on a farm | Screening and blending of waste |
| 5 | 228m SE | - | WEX227785 | Storing waste exemption | Not on a farm | Storage of waste in a secure place |
| E | 233m NE | - | WEX251736 | Storing waste exemption | Not on a farm | Storage of waste in a secure place |
| E | 279m NE | 68 Langley Road SALFORD M6 6JP | EPR/KH0813Y R/A001 | Using waste exemption | Non-Agricultural Waste Only | Burning of waste as a fuel in a small appliance |

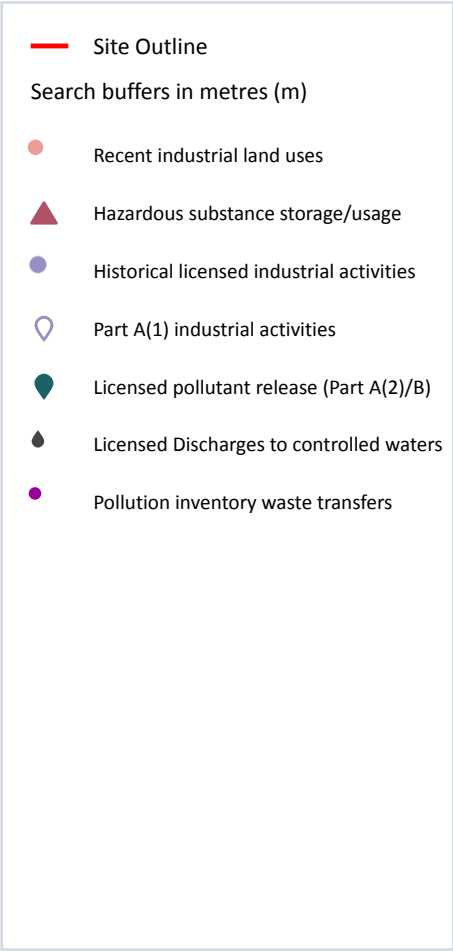
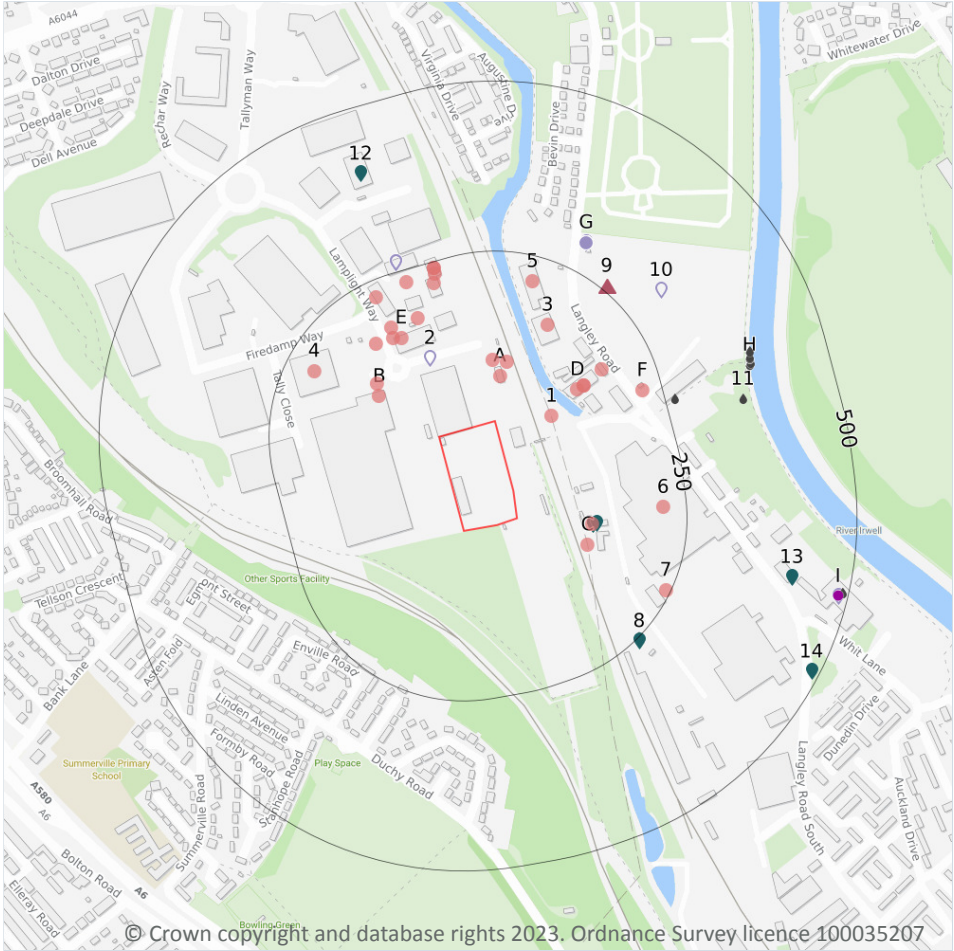


| ID | Location | Site | Reference | Category | Sub-Category | Description |
|----|----------|---|--------------------|--------------------------|-----------------------------|---|
| G | 347m NE | - | WEX179563 | Treating waste exemption | Not on a farm | Screening and blending of waste |
| 8 | 362m SE | Bidvest 3663 Langley Road South SALFORD M6 6TZ | EPR/UE5280Q T/A001 | Treating waste exemption | Non-Agricultural Waste Only | Preparatory treatments (baling, sorting, shredding etc) |
| H | 376m SW | Duchy Road, Duchy Road, Salford, M6 7LB | WEX127854 | Treating waste exemption | Not on a farm | Screening and blending of waste |
| H | 376m SW | Duchy Road, Duchy Road, Salford, M6 7LB | WEX127854 | Using waste exemption | Not on a farm | Use of waste in construction |
| H | 377m SW | Bemus Construction Services Limited, Duchy Road, Salford, Manchester, M67LB | WEX195957 | Using waste exemption | Not on a farm | Use of waste in construction |
| H | 377m SW | c/o Seddon, Duchy Road, Salford, Greater Manchester, M67LB | WEX236395 | Using waste exemption | Not on a farm | Use of waste in construction |
| H | 377m SW | c/o Seddon, Duchy Road, Salford, M6 7LB | WEX220359 | Using waste exemption | Not on a farm | Use of waste in construction |
| 9 | 399m E | 2-10 Langley Road Manchester M6 6JW | EPR/DH0614D Z/A001 | Storing waste exemption | Non-Agricultural Waste Only | Storage of waste in a secure place |
| K | 431m N | - | WEX109754 | Treating waste exemption | Not on a farm | Screening and blending of waste |
| K | 431m N | - | WEX109754 | Using waste exemption | Not on a farm | Use of waste in construction |

This data is sourced from the Environment Agency and Natural Resources Wales.



4 Current industrial land use



4.1 Recent industrial land uses

Records within 250m **29**

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on [page 56 >](#)

| ID | Location | Company | Address | Activity | Category |
|----|----------|-------------|--|----------------------------|-------------------------------|
| A | 67m N | A1 Services | Mayo House, Overman Way, Manchester, Greater Manchester, M27 8BQ | Construction and Tool Hire | Hire Services |
| 1 | 82m NE | Pylon | Greater Manchester, M6 | Electrical Features | Infrastructure and Facilities |



| ID | Location | Company | Address | Activity | Category |
|----|----------|---------------------------------|--|---|-------------------------------|
| A | 89m N | Mast (Telecommunication) | Greater Manchester, M27 | Telecommunications Features | Infrastructure and Facilities |
| A | 91m N | A1 Services Manchester Ltd | Mayo House, 4, Overman Way, Swinton, Greater Manchester, M27 8BQ | Waste Storage, Processing and Disposal | Infrastructure and Facilities |
| B | 106m NW | Bunzl Catering Supplies | Units 1 and 5 Agecroft Commerce Park, Lamplight Way, Swinton, Greater Manchester, M27 8UJ | Catering and Non Specific Food Products | Foodstuffs |
| C | 111m SE | Pylon | Greater Manchester, M6 | Electrical Features | Infrastructure and Facilities |
| C | 111m SE | Tarmac | Tarmac Quarry Products Tagge Lane, Langley Road, Swinton, Greater Manchester, M6 6JH | Concrete Products | Industrial Products |
| B | 120m NW | Electricity Sub Station | Greater Manchester, M27 | Electrical Features | Infrastructure and Facilities |
| D | 130m NE | Pristine Flooring | Unit 8, Park House Bridge Industrial Estate, Langley Road, Swinton, Greater Manchester, M6 6JQ | Construction Completion Services | Construction Services |
| D | 140m NE | Park House Garage | Unit 1 Park House Bridge Industrial Estate, Langley Road, Swinton, Greater Manchester, M6 6JQ | Vehicle Repair, Testing and Servicing | Repair and Servicing |
| D | 140m NE | Mini Roller UK Textile Machines | Unit 7 Park House Bridge Industrial Estate, Langley Road, Swinton, Greater Manchester, M6 6JQ | General Purpose Machinery | Industrial Products |
| E | 156m NW | Marshalls Spares & Services Ltd | 1, Overman Way, Swinton, Greater Manchester, M27 8BQ | Vehicle Bodybuilders | Industrial Products |
| E | 161m NW | Electricity Sub Station | Greater Manchester, M27 | Electrical Features | Infrastructure and Facilities |
| 3 | 161m NE | Grade 1 Hire & Sales Ltd | Units 2 and 3 Agecroft Trading Estate, Langley Road, Swinton, Greater Manchester, M6 6JD | Access Equipment | Industrial Products |
| E | 165m NW | Gas Governor | Greater Manchester, M27 | Gas Features | Infrastructure and Facilities |
| D | 175m NE | B B S Window Blinds | 3, Dreamscene House, Salford, Greater Manchester, M6 6JQ | Curtains and Blinds | Consumer Products |
| E | 176m NW | Sewage Pumping Station | Greater Manchester, M27 | Waste Storage, Processing and Disposal | Infrastructure and Facilities |



| ID | Location | Company | Address | Activity | Category |
|----|----------|-----------------------------|--|---|---------------------------------|
| E | 177m N | Electricity Sub Station | Greater Manchester, M27 | Electrical Features | Infrastructure and Facilities |
| 4 | 208m NW | J J Food Service | Mercury 1a, Lamplight Way, Swinton, Greater Manchester, M27 8UJ | Catering and Non Specific Food Products | Foodstuffs |
| 5 | 213m N | Urban Regen Ltd | Manchester Tippers Holding Ltd, Langley Road, Swinton, Greater Manchester, M6 6FG | Civil Engineers | Engineering Services |
| 6 | 215m E | Pace Logistics Services Ltd | Unit 1 Langley Business Park, Langley Road, Salford, Greater Manchester, M6 6JP | Distribution and Haulage | Transport, Storage and Delivery |
| E | 220m N | Signals I T Ltd | Unit 9, Lamplight Way, Swinton, Greater Manchester, M27 8UJ | Electrical Equipment Repair and Servicing | Repair and Servicing |
| F | 221m NE | Electricity Sub Station | Greater Manchester, M6 | Electrical Features | Infrastructure and Facilities |
| E | 225m NW | Kegbeer | Unit 17 Agecroft Network Centre, Lamplight Way, Swinton, Manchester, Greater Manchester, M27 8UJ | Packaging | Industrial Products |
| E | 233m N | Truseal Plastics Ltd | Agecroft Network Centre, Lamplight Way, Swinton, Greater Manchester, M27 8UJ | Rubber, Silicones and Plastics | Industrial Products |
| E | 233m N | C Glass | Unit 8, Lamplight Way, Swinton, Greater Manchester, M27 8UJ | Glass | Industrial Products |
| E | 241m N | Hi-tec Spray | Unit 7, Lamplight Way, Swinton, Greater Manchester, M27 8UJ | Special Purpose Machinery and Equipment | Industrial Products |
| E | 241m N | Restore | Unit 7, Lamplight Way, Swinton, Greater Manchester, M27 8UJ | Printing Related Machinery | Industrial Products |
| 7 | 243m SE | Tank | Greater Manchester, M6 | Tanks (Generic) | Industrial Features |

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m

0

Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.



4.3 Electricity cables

Records within 500m

0

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m

0

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m

0

Contaminated Land Register of sites designated under Part 2a of the Environmental Protection Act 1990.

This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

Records within 500m

0

Control of Major Accident Hazards (COMAH) sites. This data includes upper and lower tier sites, and includes a historical archive of COMAH sites and Notification of Installations Handling Hazardous Substances (NIHHS) records.

This data is sourced from the Health and Safety Executive.

4.7 Regulated explosive sites

Records within 500m

0

Sites registered and licensed by the Health and Safety Executive under the Manufacture and Storage of Explosives Regulations 2005 (MSER). The last update to this data was in April 2011.

This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m

1

Consents granted for a site to hold certain quantities of hazardous substances at or above defined limits in accordance with the Planning (Hazardous Substances) Regulations 2015.

Features are displayed on the Current industrial land use map on [page 56 >](#)

| ID | Location | Details | |
|----|----------|--|---|
| 9 | 257m NE | Application reference number: 01/42384/HAZ Application status: Historical Consent Application date: 26/04/2001 Address: Hercules Limited, Langley Road, Salford 6, M6 6FG | Details: Application For Hazardous Substance Consent For The Manufacture Of Chemical Products Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified |

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m

7

Integrated Pollution Control (IPC) records of substance releases to air, land and water. This data represents a historical archive as the IPC regime has been superseded.

Features are displayed on the Current industrial land use map on [page 56 >](#)

| ID | Location | Details | |
|----|----------|--|---|
| G | 294m NE | Operator: Hercules Ltd Address: Langley Road, Pendlebury, Salford, M6 6JU Process: Manufacture And Use Of Organic Chemicals Permit Number: AJ6386 | Original Permit Number: IPCAIRAPP Date Approved: 27-1-1994 Effective Date: 3-2-1994 Status: Revoked |
| G | 294m NE | Operator: Hercules Ltd Address: Langley Road, Pendlebury, Salford, M6 6JU Process: Manufacture And Use Of Organic Chemicals Permit Number: AK1614 | Original Permit Number: IPCAIRAPP Date Approved: 6-1-1994 Effective Date: 11-1-1994 Status: Superseded By Variation |
| G | 294m NE | Operator: Hercules Ltd Address: Langley Road, Pendlebury, Salford, Manchester, Greater Manchester, M6 6JU Process: Inorganic Chemical Processes Permit Number: AN3419 | Original Permit Number: IPCAIRAPP Date Approved: 21-11-1994 Effective Date: 25-11-1994 Status: Superseded By Variation |
| G | 294m NE | Operator: Hercules Ltd Address: Langley Road, Pendlebury, Salford, M6 6JU Process: Inorganic Chemical Processes Permit Number: AN9824 | Original Permit Number: IPCAIRAPP Date Approved: 20-12-1994 Effective Date: 1-1-1995 Status: Superseded By Variation |



| ID | Location | Details | |
|----|----------|--|--|
| G | 294m NE | Operator: Hercules Ltd Address: Langley Road, Pendlebury, Salford, M6 6JU Process: Manufacture And Use Of Organic Chemicals Permit Number: BC6306 | Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Revoked - Now Ippc |
| G | 294m NE | Operator: Hercules Ltd Address: Langley Road, Pendlebury, Salford, Manchester, Greater Manchester, M6 6JU Process: Inorganic Chemical Processes Permit Number: BC8643 | Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Revoked - Now Ippc |
| G | 294m NE | Operator: Hercules Ltd Address: Langley Road, Pendlebury, Salford, M6 6JU Process: Inorganic Chemical Processes Permit Number: BC9259 | Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Revoked - Now Ippc |

This data is sourced from the Environment Agency and Natural Resources Wales.

4.10 Licensed industrial activities (Part A(1))

Records within 500m

9

Records of Part A(1) installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

Features are displayed on the Current industrial land use map on [page 56 >](#)

| ID | Location | Details | |
|----|----------|--|--|
| 2 | 115m NW | Operator: A1 SERVICES (MANCHESTER) LIMITED Installation Name: A1 Hazardous Waste Transfer Station EPR/ZP3400BE Process: TEMPORARY STORAGE OF HAZ WASTE NOT UNDER S 5.2 PENDING ACTIVITIES LISTED IN S 5.1, 5.2, 5.3 AND PARAGRAPH (B) OF THIS SECTION WITH A TOTAL CAPACITY > 50 TONNES, EXCL TEMP STORAGE WHERE GENERATED Permit Number: ZP3400BE Original Permit Number: ZP3400BE | EPR Reference: EPR/ZP3400BE Issue Date: 14/08/2020 Effective Date: 14/08/2020 Last date noted as effective: 25/05/2023 Status: Effective |
| E | 263m N | Operator: PZ CUSSONS (UK) LIMITED Installation Name: Agcroft Surfactant Manufacturing Plant Process: ORGANIC CHEMICALS; SURFACE-ACTIVE AGENTS Permit Number: YP3435UJ Original Permit Number: YP3435UJ | EPR Reference: EPR/YP3435UJ Issue Date: 21/01/2009 Effective Date: 21/01/2009 Last date noted as effective: 25/05/2023 Status: Surrendered |



| ID | Location | Details | |
|----|----------|---|---|
| E | 263m N | Operator: PZ CUSSONS (UK) LIMITED Installation Name: Agecroft Surfactant Manufacturing Plant Process: ASSOCIATED PROCESS Permit Number: YP3435UJ Original Permit Number: YP3435UJ | EPR Reference: EPR/YP3435UJ Issue Date: 21/01/2009 Effective Date: 21/01/2009 Last date noted as effective: 25/05/2023 Status: Surrendered |
| E | 263m N | Operator: PZ Cussons (UK) Ltd Installation Name: Agecroft Surfactant Manufacturing Plant Process: ASSOCIATED PROCESS Permit Number: RP3035GW Original Permit Number: YP3435UJ | EPR Reference: EA/EPR/YP3435UJ/S002 Issue Date: - Effective Date: 21/01/2009 Last date noted as effective: 21/03/2023 Status: Surrender Effective |
| E | 263m N | Operator: PZ Cussons (UK) Ltd Installation Name: Agecroft Surfactant Manufacturing Plant Process: ORGANIC CHEMICALS; SURFACE-ACTIVE AGENTS Permit Number: RP3035GW Original Permit Number: YP3435UJ | EPR Reference: EA/EPR/YP3435UJ/S002 Issue Date: - Effective Date: 21/01/2009 Last date noted as effective: 21/03/2023 Status: Surrender Effective |
| G | 294m NE | Operator: HERCULES Installation Name: HERCULES LTD Process: ORGANIC CHEMICALS; HYDROCARBONS EG AROMATICS Permit Number: BM0281IR Original Permit Number: BM0281IR | EPR Reference: EPR/BM0281IR Issue Date: 19/09/2006 Effective Date: 19/09/2006 Last date noted as effective: 25/05/2023 Status: Surrendered |
| G | 294m NE | Operator: HERCULES LTD Installation Name: - Process: ORGANIC CHEMICALS; NITROGEN CONTAINING COMPOUNDS EG AMINES Permit Number: BM0281 Original Permit Number: BM0281 | EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/10/2004 Status: SUPERSEDED BY PAS |
| 10 | 311m NE | Operator: Hercules Ltd Installation Name: HERCULES LTD Process: ORGANIC CHEMICALS; HYDROCARBONS EG AROMATICS Permit Number: SP3035LQ Original Permit Number: BM0281IR | EPR Reference: - Issue Date: - Effective Date: 19/09/2006 Last date noted as effective: 21/03/2023 Status: Surrender Effective |
| I | 485m E | Operator: SMF LIMITED Installation Name: Salford Metal Finishing EPR/PP3230BM Process: SURFACE TREATING METALS AND PLASTICS; ELECTROLYTIC/CHEMICAL >30 CU M Permit Number: PP3230BM Original Permit Number: PP3230BM | EPR Reference: EPR/PP3230BM Issue Date: 24/05/2005 Effective Date: 24/05/2005 Last date noted as effective: 25/05/2023 Status: Effective |

This data is sourced from the Environment Agency and Natural Resources Wales.



4.11 Licensed pollutant release (Part A(2)/B)

Records within 500m

7

Records of Part A(2) and Part B installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

Features are displayed on the Current industrial land use map on [page 56 >](#)

| ID | Location | Address | Details | |
|----|----------|--|---|--|
| C | 112m SE | Tarmac Building Products Ltd, Langley Road South, Off Whit Lane, Swinton, M6 6JQ | Process: Use of Bulk Cement Status: Current Permit Permit Type: Part B | Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified |
| C | 112m SE | Tarmac Trading Ltd - Roadstone, Langley Road, Swinton, M6 6JQ | Process: Other Mineral Processes Status: Current Permit Permit Type: Part B | Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified |
| C | 117m E | Tarmac, Tagge Lane, Salford, Lancashire, M6 6LA | Process: Roadstone Coating Processes Status: Historical Permit Permit Type: Part B | Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified |
| 8 | 254m SE | Tarmac Trading Ltd - Concrete, Langley Road, Swinton, M6 6JQ | Process: Use of Bulk Cement Status: Current Permit Permit Type: Part B | Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified |
| 12 | 403m N | Activate Accident Repair Manchester, 4 Canary Way, M27 8AW | Process: Respraying of Road Vehicles Status: Current Permit Permit Type: Part B | Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified |
| 13 | 412m E | Grestys Car Breakers, 300 Langley Road, South Salford, M6 6ST | Process: Waste Oil Burner 0.4MW Status: Historical Permit Permit Type: Part B | Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified |
| 14 | 487m SE | Tarmac, Whit Lane, Pendleton Salford, M6 6JQ | Process: concrete & crushing process Status: Historical Permit Permit Type: Part B | Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified |

This data is sourced from Local Authority records.



4.12 Radioactive Substance Authorisations

Records within 500m

0

Records of the storage, use, accumulation and disposal of radioactive substances regulated under the Radioactive Substances Act 1993.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.13 Licensed Discharges to controlled waters

Records within 500m

17

Discharges of treated or untreated effluent to controlled waters under the Water Resources Act 1991.

Features are displayed on the Current industrial land use map on [page 56 >](#)

| ID | Location | Address | Details | |
|----|----------|---|---|--|
| F | 263m E | LANGLEY ROAD CSO, 68 LANGLEY ROAD, PENDLEBURY, SALFORD, GREATER MANCHESTER, M6 6JP | Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01SAL0092 Permit Version: 3 Receiving Water: IRWELL | Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 14/01/2005 Effective Date: 14/01/2005 Revocation Date: 10/11/2020 |
| 11 | 360m E | NCB AGECROFT COLLIERY, SALFORD, GREATER MANCHESTER | Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 016990458 Permit Version: 1 Receiving Water: RIVER IRWELL | Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 22/09/1983 Revocation Date: 22/03/1991 |
| H | 382m NE | LAMPLIGHT WAY PS, LAMPLIGHT WAY (AGECROFT NETWORK), PENDLEBURY, MANCHESTER, GREATER MANCHESTER, M27 8UJ | Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: 016993416 Permit Version: 1 Receiving Water: RIVER IRWELL | Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 10/10/2001 Effective Date: 10/10/2001 Revocation Date: 13/12/2001 |
| H | 382m NE | LAMPLIGHT WAY PS, LAMPLIGHT WAY (AGECROFT NETWORK), PENDLEBURY, MANCHESTER, GREATER MANCHESTER, M27 8UJ | Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: 016993416 Permit Version: 1 Receiving Water: RIVER IRWELL | Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 10/10/2001 Effective Date: 10/10/2001 Revocation Date: 13/12/2001 |
| H | 382m NE | LAMPLIGHT WAY PS, LAMPLIGHT WAY (AGECROFT NETWORK), PENDLEBURY, MANCHESTER, GREATER MANCHESTER, M27 8UJ | Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016993416 Permit Version: 2 Receiving Water: RIVER IRWELL | Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 10/10/2001 Effective Date: 14/12/2001 Revocation Date: 16/06/2021 |



| ID | Location | Address | Details | |
|----|----------|---|--|--|
| H | 382m NE | LAMPLIGHT WAY PS, LAMPLIGHT WAY (AGECROFT NETWORK), PENDLEBURY, MANCHESTER, GREATER MANCHESTER, M27 8UJ | Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: 016993416 Permit Version: 2 Receiving Water: RIVER IRWELL | Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 10/10/2001 Effective Date: 14/12/2001 Revocation Date: 16/06/2021 |
| H | 384m NE | LAMPLIGHT WAY PS, LAMPLIGHT WAY (AGECROFT NETWORK), PENDLEBURY, MANCHESTER, GREATER MANCHESTER, M27 8UJ | Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016993416 Permit Version: 3 Receiving Water: RIVER IRWELL | Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 17/06/2021 Effective Date: 17/06/2021 Revocation Date: - |
| H | 384m NE | LAMPLIGHT WAY PS, LAMPLIGHT WAY (AGECROFT NETWORK), PENDLEBURY, MANCHESTER, GREATER MANCHESTER, M27 8UJ | Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: 016993416 Permit Version: 3 Receiving Water: RIVER IRWELL | Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 17/06/2021 Effective Date: 17/06/2021 Revocation Date: - |
| H | 385m NE | LANGLEY ROAD OPP NO 61, SALFORD, GREATER MANCHESTER | Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01SAL0092 Permit Version: 2 Receiving Water: IRWELL | Status: CONSENT REVOKED OR REVISED - NEW CONSENT ISSUED (37(1)) Issue date: - Effective Date: 01/01/1995 Revocation Date: 13/01/2005 |
| H | 385m NE | CITY WALK PS, 102 CLIVELY AVENUE, CLIFTON, MANCHESTER, GREATER MANCHESTER, M27 8RX | Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY Permit Number: 016982277 Permit Version: 1 Receiving Water: FOLLY BROOK | Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 08/10/1991 Revocation Date: 31/03/1997 |
| H | 385m NE | CITY WALK PS, 102 CLIVELY AVENUE, CLIFTON, MANCHESTER, GREATER MANCHESTER, M27 8RX | Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY Permit Number: 016982277 Permit Version: 3 Receiving Water: FOLLY BROOK | Status: CONSENT REVOKED OR REVISED - NEW CONSENT ISSUED (37(1)) Issue date: - Effective Date: 30/05/1997 Revocation Date: 30/05/1997 |
| H | 385m NE | CITY WALK PS, 102 CLIVELY AVENUE, CLIFTON, MANCHESTER, GREATER MANCHESTER, M27 8RX | Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY Permit Number: 016982277 Permit Version: 2 Receiving Water: FOLLY BROOK | Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/04/1997 Revocation Date: 29/05/1997 |



| ID | Location | Address | Details | |
|----|----------|--|---|--|
| H | 385m NE | LANGLEY ROAD OPP NO 61, SALFORD, GREATER MANCHESTER | Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01SAL0092 Permit Version: 1 Receiving Water: - | Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/04/1991 Revocation Date: 31/12/1994 |
| H | 385m NE | LANGLEY ROAD CSO, 68 LANGLEY ROAD, PENDLEBURY, SALFORD, GREATER MANCHESTER, M6 6JP | Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016993610 Permit Version: 1 Receiving Water: RIVER IRWELL | Status: VARIED UNDER EPR 2010 Issue date: 11/11/2020 Effective Date: 11/11/2020 Revocation Date: - |
| H | 388m NE | LANGLEY RD NORTH CSO, KERSAL, SALFORD, GREATER MANCHESTER | Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016982973 Permit Version: 1 Receiving Water: RIVER IRWELL | Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: - Effective Date: 23/06/1995 Revocation Date: - |
| I | 491m E | WILLOW BANK WORKS, WHIT LANE, SALFORD, GREATER MANCHESTER | Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 01M/1175 Permit Version: 2 Receiving Water: RIVER IRWELL | Status: SURRENDERED UNDER EPR 2010 Issue date: - Effective Date: 01/01/1995 Revocation Date: 01/09/2022 |
| I | 491m E | WILLOW BANK WORKS, WHIT LANE, SALFORD, GREATER MANCHESTER | Effluent Type: SEWAGE DISCHARGES - UNSPECIFIED - NOT WATER COMPANY Permit Number: 01M/1175 Permit Version: 1 Receiving Water: RIVER IRWELL | Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/04/1991 Revocation Date: 31/12/1994 |

This data is sourced from the Environment Agency and Natural Resources Wales.

4.14 Pollutant release to surface waters (Red List)

Records within 500m

0

Discharges of specified substances under the Environmental Protection (Prescribed Processes and Substances) Regulations 1991.

This data is sourced from the Environment Agency and Natural Resources Wales.



4.15 Pollutant release to public sewer

Records within 500m

0

Discharges of Special Category Effluents to the public sewer.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.16 List 1 Dangerous Substances

Records within 500m

0

Discharges of substances identified on List I of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.17 List 2 Dangerous Substances

Records within 500m

0

Discharges of substances identified on List II of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.18 Pollution Incidents (EA/NRW)

Records within 500m

0

Records of substantiated pollution incidents. Since 2006 this data has only included category 1 (major) and 2 (significant) pollution incidents.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.19 Pollution inventory substances

Records within 500m

0

The pollution inventory (substances) includes reporting on annual emissions of certain regulated substances to air, controlled waters and land. A reporting threshold for each substance is also included. Where emissions fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.



4.20 Pollution inventory waste transfers

Records within 500m

1

The pollution inventory (waste transfers) includes reporting on annual transfers and recovery/disposal of controlled wastes from a site. A reporting threshold for each waste type is also included. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

Features are displayed on the Current industrial land use map on [page 56 >](#)

ID: I, Location: 485m E, Permit: PP3230BM
 Operator: SMF Limited
 Activity: SURFACE TREATING METALS AND PLASTICS; ELECTROLYTIC/CHEMICAL >30 CU M
 Address: Salford Metal Finishing Willow Bank Works Whit Lane Salford Lancashire M6 6JJ
 Sector Metals, Sub-sector: Surface treatment
 Releases:

| Route | Route description | Quantity (tonnes) | Release level | EWC code | EWC description | Hazardous waste |
|-------|--|-------------------|----------------|----------|---|-----------------|
| D9 | Physio-chemical treatment not specified elsewhere in this Table which results in final compounds or mixtures which are discarded by means of any of the operations numbers D1 to D12 (eg evaporation, drying, calcination, etc.) | 43.7 | absolute value | 16 10 01 | aqueous liquid wastes containing dangerous substances | Yes |

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

4.21 Pollution inventory radioactive waste

Records within 500m

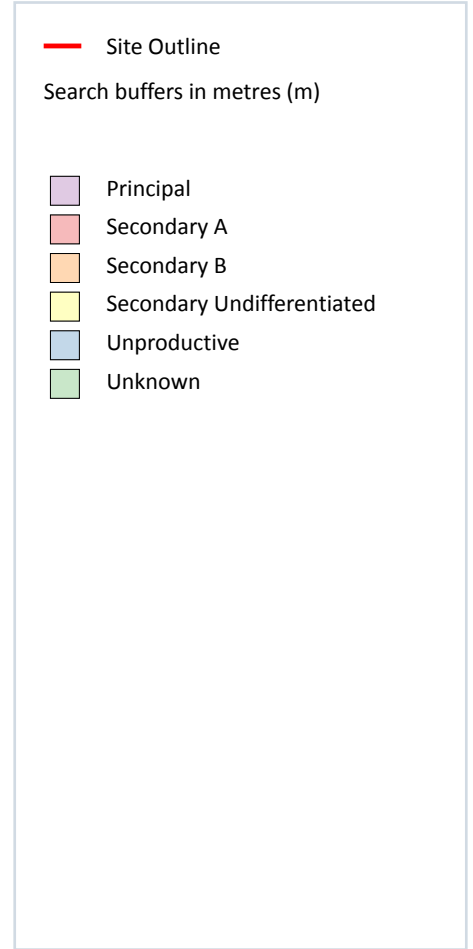
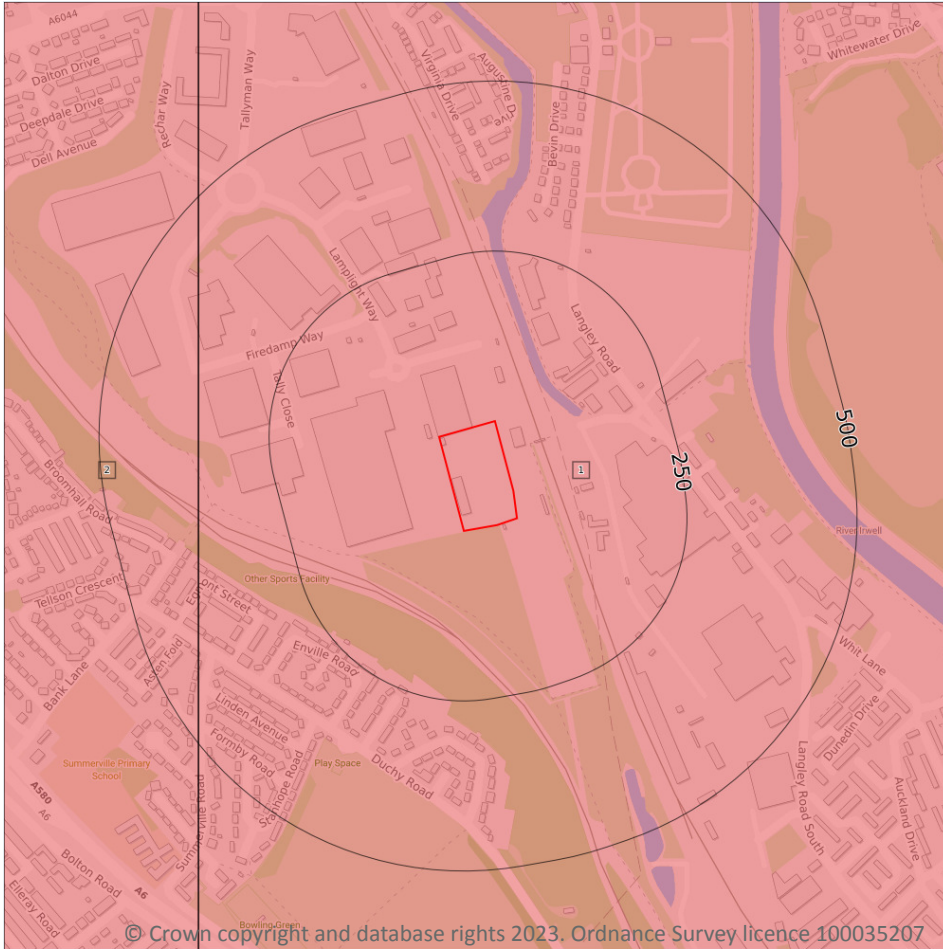
0

The pollution inventory (radioactive wastes) includes reporting on annual releases of radioactive substances from a site, including the means of release. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.



5 Hydrogeology - Superficial aquifer



5.1 Superficial aquifer

Records within 500m

2

Aquifer status of groundwater held within superficial geology.

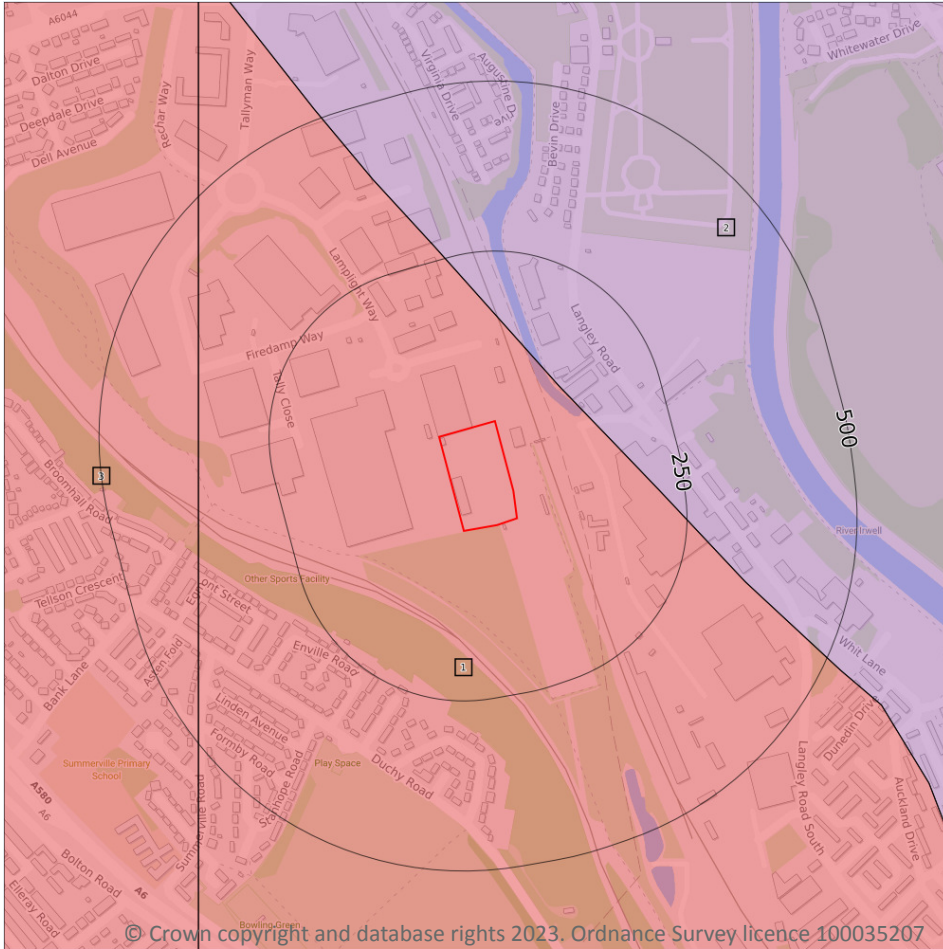
Features are displayed on the Hydrogeology map on [page 69](#) >

| ID | Location | Designation | Description |
|----|----------|-------------|--|
| 1 | On site | Secondary A | Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers |
| 2 | 354m W | Secondary A | Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers |

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.



Bedrock aquifer



5.2 Bedrock aquifer

Records within 500m

3

Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on [page 71](#) >

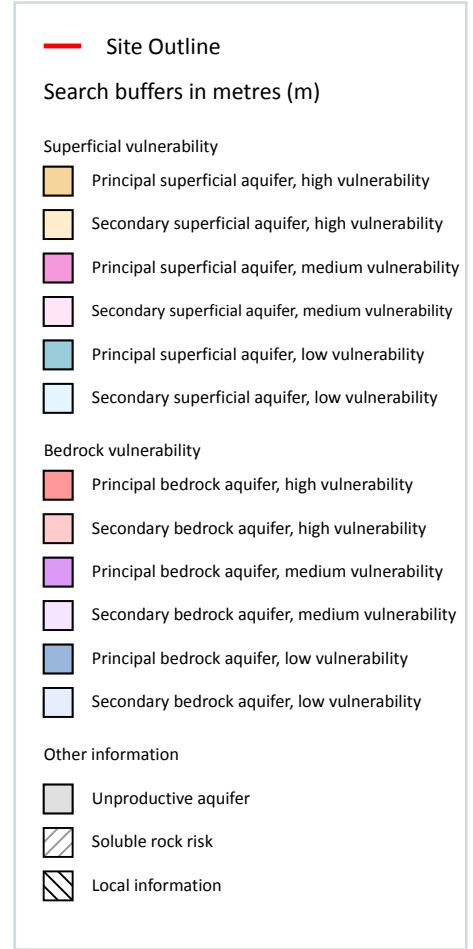
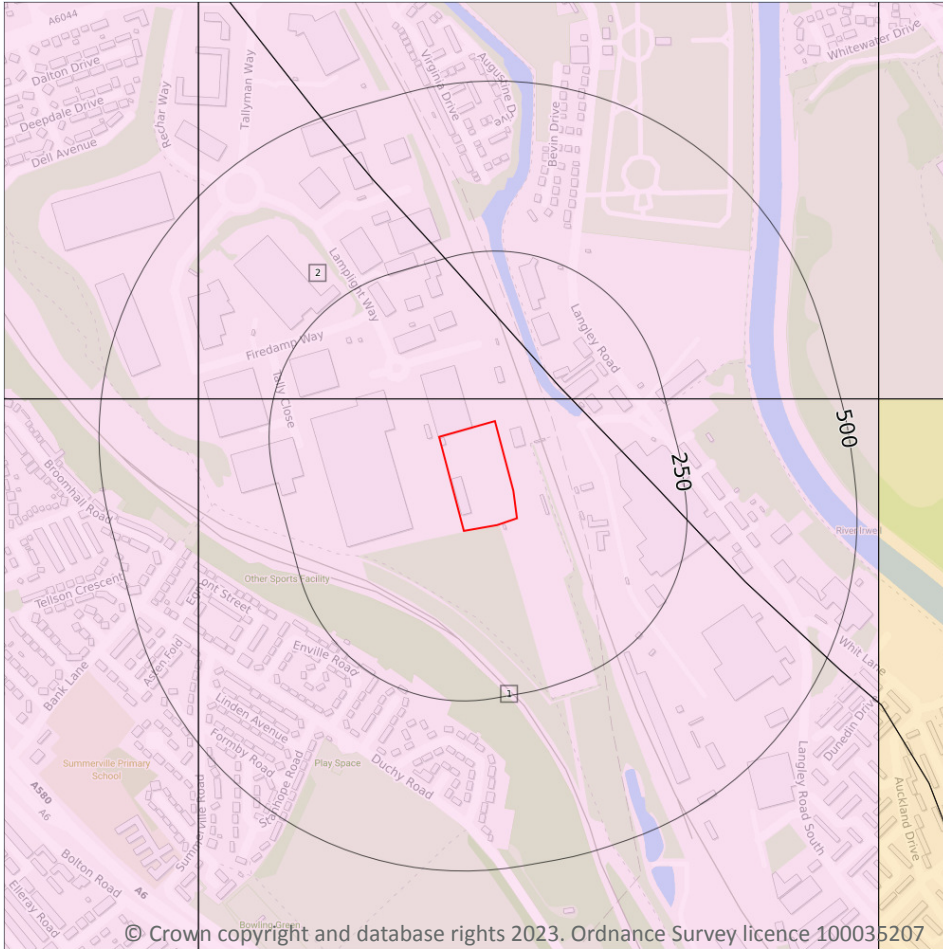
| ID | Location | Designation | Description |
|----|----------|-------------|--|
| 1 | On site | Secondary A | Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers |
| 2 | 105m NE | Principal | Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers |

| ID | Location | Designation | Description |
|----|----------|-------------|--|
| 3 | 354m W | Secondary A | Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers |

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.



Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m

2

An assessment of the vulnerability of groundwater to a pollutant discharged at ground level based on the hydrological, geological, hydrogeological and soil properties within a one kilometre square grid. Groundwater vulnerability is described as High, Medium or Low as follows:

- High - Areas able to easily transmit pollution to groundwater. They are likely to be characterised by high leaching soils and the absence of low permeability superficial deposits.
- Medium - Intermediate between high and low vulnerability.
- Low - Areas that provide the greatest protection from pollution. They are likely to be characterised by low leaching soils and/or the presence of superficial deposits characterised by a low permeability.

Features are displayed on the Groundwater vulnerability map on [page 73 >](#)

| ID | Location | Summary | Soil / surface | Superficial geology | Bedrock geology |
|----|----------|---|--|--|--|
| 1 | On site | Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer | Leaching class: High Infiltration value: <40% Dilution value: 300-550mm/year | Vulnerability: Medium Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Medium | Vulnerability: Low Aquifer type: Secondary Flow mechanism: Well connected fractures |
| 2 | 32m N | Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer | Leaching class: High Infiltration value: <40% Dilution value: >550mm/year | Vulnerability: Medium Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: High | Vulnerability: Low Aquifer type: Secondary Flow mechanism: Well connected fractures |

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

5.4 Groundwater vulnerability- soluble rock risk

Records on site

0

This dataset identifies areas where solution features that enable rapid movement of a pollutant may be present within a 1km grid square.

This data is sourced from the British Geological Survey and the Environment Agency.

5.5 Groundwater vulnerability- local information

Records on site

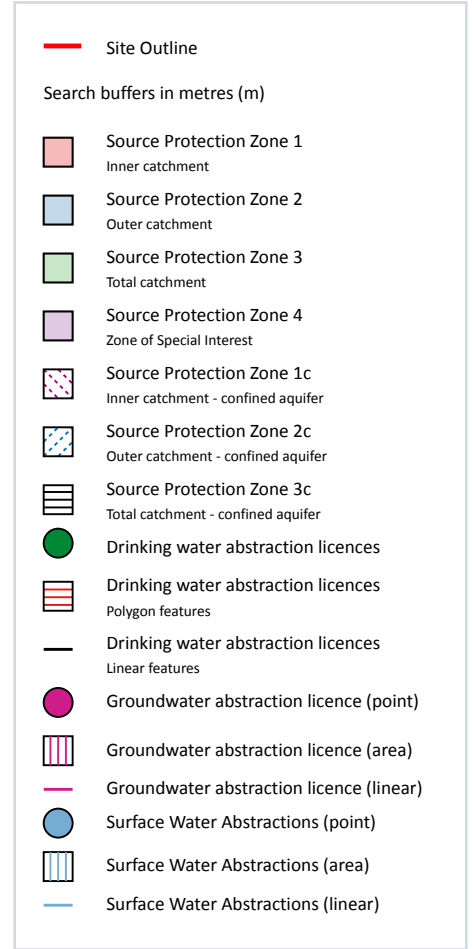
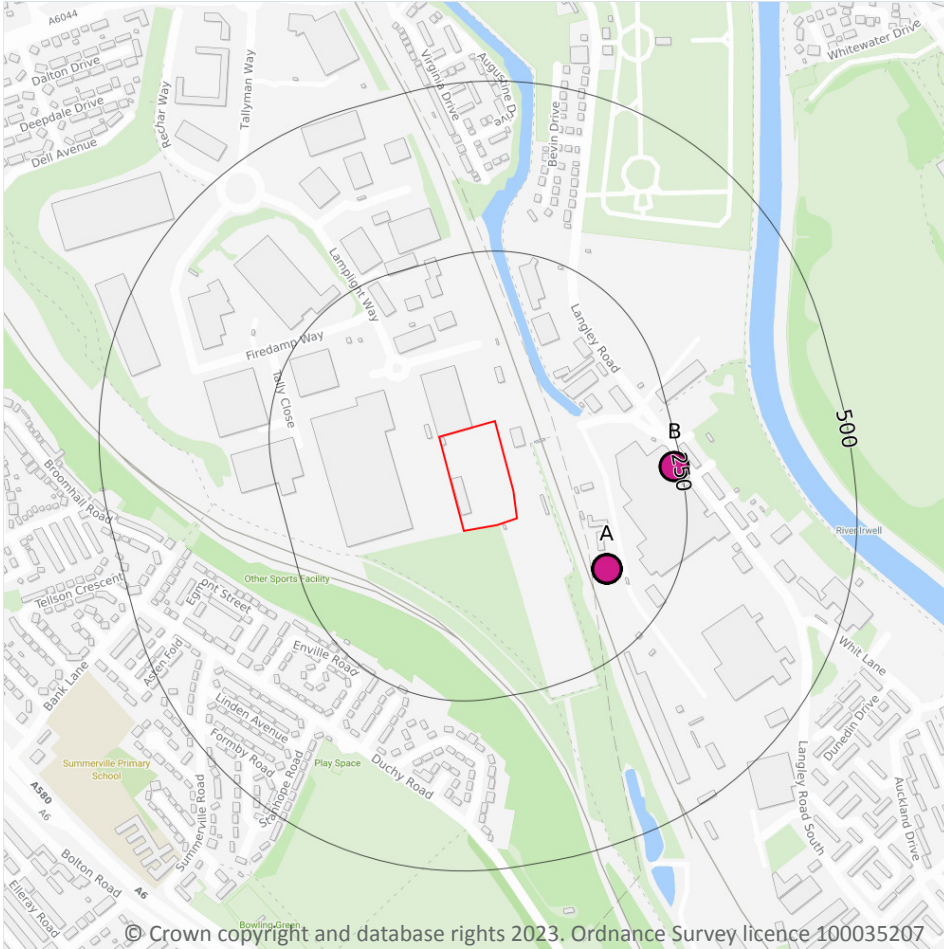
0

This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506 or by email on enquiries@environment-agency.gov.uk ↗.

This data is sourced from the British Geological Survey and the Environment Agency.



Abstractions and Source Protection Zones



5.6 Groundwater abstractions

Records within 2000m

17

Licensed groundwater abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, between two points (line data) or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on [page 75 >](#)

| ID | Location | Details | |
|----|----------|---|--|
| A | 151m SE | Status: Historical Licence No: 2569004055 Details: Dust Suppression Direct Source: Ground Water - North West Region Point: BOREHOLE AT AGECROFT, MANCHESTER Data Type: Point Name: Tarmac Trading Limited Easting: 380600 Northing: 400750 | Annual Volume (m ³): 42600 Max Daily Volume (m ³): 156 Original Application No: NPS/WR/022025 Original Start Date: 23/12/1999 Expiry Date: - Issue No: 3 Version Start Date: 24/03/2016 Version End Date: - |
| A | 151m SE | Status: Historical Licence No: 2569004055 Details: Process Water Direct Source: Ground Water - North West Region Point: BOREHOLE AT AGECROFT, MANCHESTER Data Type: Point Name: Tarmac Trading Limited Easting: 380600 Northing: 400750 | Annual Volume (m ³): 42600 Max Daily Volume (m ³): 156 Original Application No: NPS/WR/022025 Original Start Date: 23/12/1999 Expiry Date: - Issue No: 3 Version Start Date: 24/03/2016 Version End Date: - |
| A | 151m SE | Status: Historical Licence No: 2569004055 Details: General Washing/Process Washing Direct Source: Ground Water - North West Region Point: BOREHOLE AT AGECROFT, MANCHESTER Data Type: Point Name: Tarmac Trading Limited Easting: 380600 Northing: 400750 | Annual Volume (m ³): 42600 Max Daily Volume (m ³): 156 Original Application No: NPS/WR/022025 Original Start Date: 23/12/1999 Expiry Date: - Issue No: 3 Version Start Date: 24/03/2016 Version End Date: - |
| A | 151m SE | Status: Historical Licence No: 2569004055 Details: Dust suppression Direct Source: Ground Water - North West Region Point: "BOREHOLE AT AGECROFT, MANCHESTER" Data Type: Point Name: TARMAC HEAVY BUILDING MATERIALS UK LTD Easting: 380600 Northing: 400750 | Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 1 Version Start Date: 23/12/1999 Version End Date: - |
| A | 151m SE | Status: Historical Licence No: 2569004055 Details: General Washing/Process Washing Direct Source: Ground Water - North West Region Point: "BOREHOLE AT AGECROFT, MANCHESTER" Data Type: Point Name: TARMAC HEAVY BUILDING MATERIALS UK LTD Easting: 380600 Northing: 400750 | Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 1 Version Start Date: 23/12/1999 Version End Date: - |



| ID | Location | Details | |
|----|----------|---|---|
| A | 151m SE | Status: Historical Licence No: 2569004055 Details: Process water Direct Source: Ground Water - North West Region Point: "BOREHOLE AT AGECROFT, MANCHESTER" Data Type: Point Name: TARMAC HEAVY BUILDING MATERIALS UK LTD Easting: 380600 Northing: 400750 | Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 1 Version Start Date: 23/12/1999 Version End Date: - |
| A | 151m SE | Status: Active Licence No: 2569004055 Details: General Washing/Process Washing Direct Source: Ground Water - North West Region Point: BOREHOLE AT AGECROFT, MANCHESTER Data Type: Point Name: Tarmac Trading Limited Easting: 380600 Northing: 400750 | Annual Volume (m ³): 14200 Max Daily Volume (m ³): 52 Original Application No: NPS/WR/038710 Original Start Date: 23/12/1999 Expiry Date: - Issue No: 4 Version Start Date: 26/08/2022 Version End Date: - |
| A | 151m SE | Status: Active Licence No: 2569004055 Details: Dust Suppression Direct Source: Ground Water - North West Region Point: BOREHOLE AT AGECROFT, MANCHESTER Data Type: Point Name: Tarmac Trading Limited Easting: 380600 Northing: 400750 | Annual Volume (m ³): 14200 Max Daily Volume (m ³): 52 Original Application No: NPS/WR/038710 Original Start Date: 23/12/1999 Expiry Date: - Issue No: 4 Version Start Date: 26/08/2022 Version End Date: - |
| A | 151m SE | Status: Active Licence No: 2569004055 Details: Process Water Direct Source: Ground Water - North West Region Point: BOREHOLE AT AGECROFT, MANCHESTER Data Type: Point Name: Tarmac Trading Limited Easting: 380600 Northing: 400750 | Annual Volume (m ³): 14200 Max Daily Volume (m ³): 52 Original Application No: NPS/WR/038710 Original Start Date: 23/12/1999 Expiry Date: - Issue No: 4 Version Start Date: 26/08/2022 Version End Date: - |
| B | 239m E | Status: Historical Licence No: 2569004047 Details: Process water Direct Source: Ground Water - North West Region Point: "BOREHOLE AT LANGLEY MILL, LANGLEY ROAD, SALFORD" Data Type: Point Name: WILLS FABRICS LTD Easting: 380700 Northing: 400900 | Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 20/06/1989 Expiry Date: - Issue No: 100 Version Start Date: 01/01/1990 Version End Date: - |



| ID | Location | Details | |
|----|----------|---|---|
| B | 239m E | Status: Historical Licence No: 2569004047 Details: Process water Direct Source: Ground Water - North West Region Point: BOREHOLE AT LANGLEY MILL, LANGLEY ROAD, SALFORD Data Type: Point Name: WILLS FABRICS LTD Easting: 380700 Northing: 400900 | Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 20/06/1989 Expiry Date: - Issue No: 100 Version Start Date: 01/01/1990 Version End Date: - |
| - | 1667m NE | Status: Active Licence No: 2569004050 Details: Spray Irrigation - Direct Direct Source: Ground Water - North West Region Point: BOREHOLE AT PRESTWICH GOLF CLUB, HILTON LANE, PRESTWICH Data Type: Point Name: PRESTWICH GOLF COMPANY LTD Easting: 381580 Northing: 402180 | Annual Volume (m ³): 12000 Max Daily Volume (m ³): 100 Original Application No: 7320 Original Start Date: 05/10/1995 Expiry Date: - Issue No: 101 Version Start Date: 03/10/2006 Version End Date: - |
| - | 1667m NE | Status: Historical Licence No: 2569004050 Details: Spray Irrigation - Direct Direct Source: Ground Water - North West Region Point: "BOREHOLE AT PRESTWICH GOLF CLUB, HILTON LANE, PRESTWICH" Data Type: Point Name: PRESTWICH GOLF CLUB Easting: 381580 Northing: 402180 | Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 05/10/1995 Expiry Date: - Issue No: 100 Version Start Date: 25/03/1997 Version End Date: - |
| - | 1842m SE | Status: Historical Licence No: 2569004046 Details: General Cooling (Existing Licences Only) (High Loss) Direct Source: Ground Water - North West Region Point: "BOREHOLE AT SEAFORD ROAD, SALFORD" Data Type: Point Name: VITA INDUSTRIAL POLYMERS LIMITED Easting: 382000 Northing: 399800 | Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 26/05/1989 Expiry Date: - Issue No: 101 Version Start Date: 30/05/2001 Version End Date: - |



| ID | Location | Details | |
|----|----------|---|---|
| - | 1842m SE | Status: Historical Licence No: 2569004046 Details: General Cooling (Existing Licences Only) (High Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT SEAFORD ROAD, SALFORD Data Type: Point Name: VITA INDUSTRIAL POLYMERS LIMITED Easting: 382000 Northing: 399800 | Annual Volume (m ³): 15000 Max Daily Volume (m ³): 196.3 Original Application No: - Original Start Date: 26/05/1989 Expiry Date: - Issue No: 101 Version Start Date: 30/05/2001 Version End Date: - |
| - | 1943m N | Status: Active Licence No: 2569004002 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: BH 1 CLIFTON JUNCTION, SWINTON, MANCHESTER. Data Type: Point Name: MAGNESIUM ELEKTRON LTD Easting: 379684 Northing: 402769 | Annual Volume (m ³): 945568 Max Daily Volume (m ³): 3273.12 Original Application No: NPS/WR/031696 Original Start Date: 11/02/1966 Expiry Date: - Issue No: 103 Version Start Date: 28/05/2019 Version End Date: - |
| - | 1943m N | Status: Active Licence No: 2569004002 Details: Process Water Direct Source: Ground Water - North West Region Point: BH 1 CLIFTON JUNCTION, SWINTON, MANCHESTER. Data Type: Point Name: MAGNESIUM ELEKTRON LTD Easting: 379684 Northing: 402769 | Annual Volume (m ³): 945568 Max Daily Volume (m ³): 3273.12 Original Application No: NPS/WR/031696 Original Start Date: 11/02/1966 Expiry Date: - Issue No: 103 Version Start Date: 28/05/2019 Version End Date: - |

This data is sourced from the Environment Agency and Natural Resources Wales.

5.7 Surface water abstractions

Records within 2000m

0

Licensed surface water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

This data is sourced from the Environment Agency and Natural Resources Wales.



5.8 Potable abstractions

Records within 2000m

0

Licensed potable water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

This data is sourced from the Environment Agency and Natural Resources Wales.

5.9 Source Protection Zones

Records within 500m

0

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination.

This data is sourced from the Environment Agency and Natural Resources Wales.

5.10 Source Protection Zones (confined aquifer)

Records within 500m

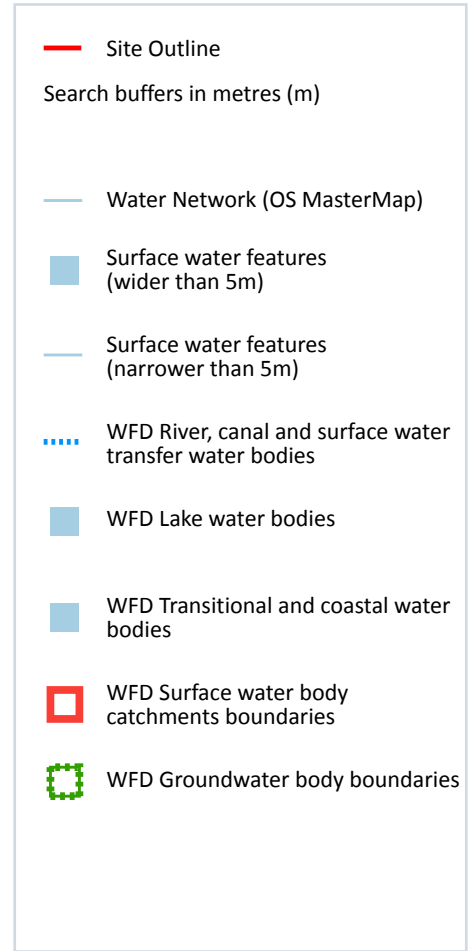
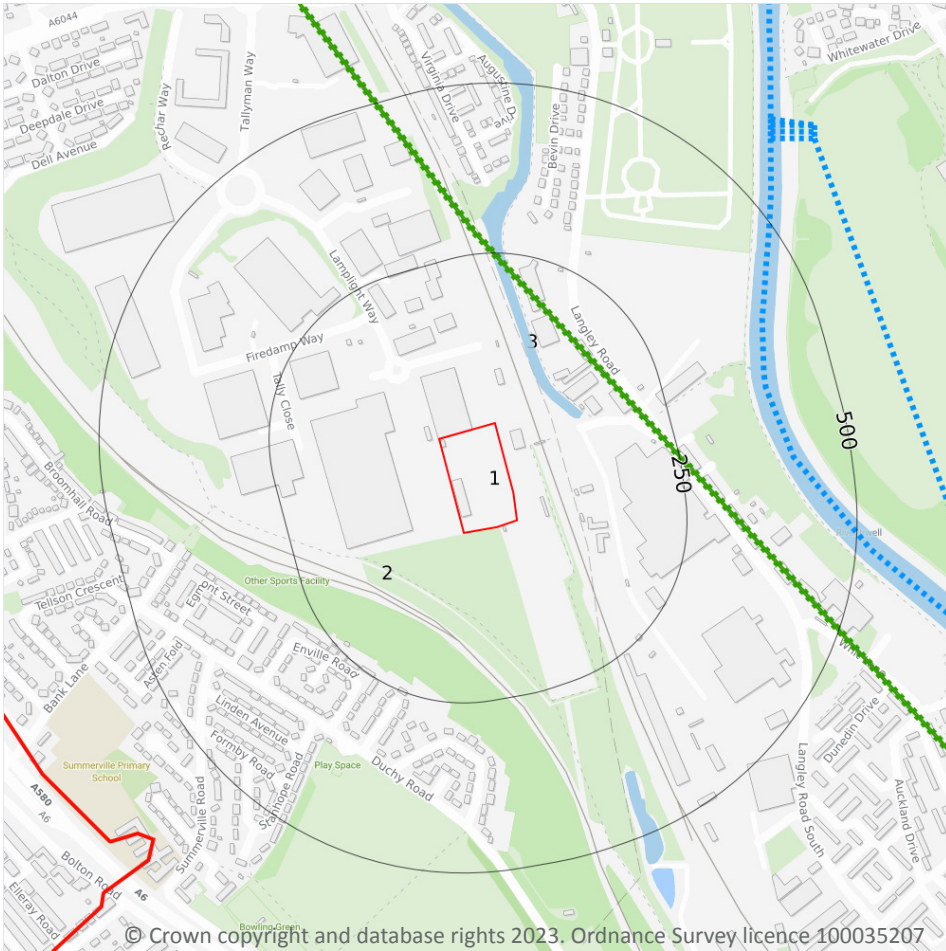
0

Source Protection Zones in the confined aquifer define the sensitivity around a deep groundwater abstraction to contamination. A confined aquifer would normally be protected from contamination by overlying geology and is only considered a sensitive resource if deep excavation/drilling is taking place.

This data is sourced from the Environment Agency and Natural Resources Wales.



6 Hydrology



6.1 Water Network (OS MasterMap)

Records within 250m

1

Detailed water network of Great Britain showing the flow and precise central course of every river, stream, lake and canal.

Features are displayed on the Hydrology map on [page 81](#) >

| ID | Location | Type of water feature | Ground level | Permanence | Name |
|----|----------|---|-------------------|---|-----------------------------------|
| 3 | 92m NE | Canal. A manmade watercourse for inland navigation. | On ground surface | Watercourse contains water year round (in normal circumstances) | Manchester, Bolton and Bury Canal |

This data is sourced from the Ordnance Survey.



6.2 Surface water features

Records within 250m

1

Covering rivers, streams and lakes (some overlap with OS MasterMap Water Network data in previous section) but additionally covers smaller features such as ponds. Rivers and streams narrower than 5m are represented as a single line. Lakes, ponds and rivers or streams wider than 5m are represented as polygons.

Features are displayed on the Hydrology map on [page 81](#) >

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site

1

The Water Framework Directive is an EU-led framework for the protection of inland surface waters, estuaries, coastal waters and groundwater through river basin-level management planning. In terms of surface water, these basins are broken down into smaller units known as management, operational and water body catchments.

Features are displayed on the Hydrology map on [page 81](#) >

| ID | Location | Type | Water body catchment | Water body ID | Operational catchment | Management catchment |
|----|----------|-------|-----------------------|----------------|-----------------------|----------------------|
| 1 | On site | River | Irwell (Croal to Irk) | GB112069061451 | Croal Irwell | Irwell |

This data is sourced from the Environment Agency and Natural Resources Wales.

6.4 WFD Surface water bodies

Records identified

1

Surface water bodies under the Directive may be rivers, lakes, estuary or coastal. To achieve the purpose of the Directive, environmental objectives have been set and are reported on for each water body. The progress towards delivery of the objectives is then reported on by the relevant competent authorities at the end of each six-year cycle. The river water body directly associated with the catchment listed in the previous section is detailed below, along with any lake, canal, coastal or artificial water body within 250m of the site. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each water body listed.

Features are displayed on the Hydrology map on [page 81](#) >

| ID | Location | Type | Name | Water body ID | Overall rating | Chemical rating | Ecological rating | Year |
|----|----------|-------|-----------------------|----------------------------------|----------------|-----------------|-------------------|------|
| 8 | 398m E | River | Irwell (Croal to Irk) | GB112069061451 ↗ | Moderate | Fail | Moderate | 2019 |

This data is sourced from the Environment Agency and Natural Resources Wales.



6.5 WFD Groundwater bodies

| | |
|------------------------|----------|
| Records on site | 1 |
|------------------------|----------|

Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

Features are displayed on the Hydrology map on [page 81 >](#)

| ID | Location | Name | Water body ID | Overall rating | Chemical rating | Quantitative | Year |
|----|----------|--|----------------------------------|----------------|-----------------|--------------|------|
| 2 | On site | Northern Manchester Carboniferous Aquifers | GB41202G101800 ↗ | Poor | Poor | Good | 2019 |

This data is sourced from the Environment Agency and Natural Resources Wales.

7 River and coastal flooding

7.1 Risk of flooding from rivers and the sea

Records within 50m

0

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m within the Risk of Flooding from Rivers and Sea (RoFRaS)/Flood Risk Assessment Wales (FRAW) models. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition. The risk categories for RoFRaS for rivers and the sea and FRAW for rivers are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 100 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 100 chance) or High (greater than or equal to 1 in 30 chance). The risk categories for FRAW for the sea are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 200 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 200 chance) or High (greater than or equal to 1 in 30 chance).

This data is sourced from the Environment Agency and Natural Resources Wales.

7.2 Historical Flood Events

Records within 250m

0

Records of historic flooding from rivers, the sea, groundwater and surface water. Records began in 1946 when predecessor bodies started collecting detailed information about flooding incidents, although limited details may be included on flooding incidents prior to this date. Takes into account the presence of defences, structures, and other infrastructure where they existed at the time of flooding, and includes flood extents that may have been affected by overtopping, breaches or blockages.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.3 Flood Defences

Records within 250m

0

Records of flood defences owned, managed or inspected by the Environment Agency and Natural Resources Wales. Flood defences can be structures, buildings or parts of buildings. Typically these are earth banks, stone and concrete walls, or sheet-piling that is used to prevent or control the extent of flooding.

This data is sourced from the Environment Agency and Natural Resources Wales.



7.4 Areas Benefiting from Flood Defences

Records within 250m

0

Areas that would benefit from the presence of flood defences in a 1 in 100 (1%) chance of flooding each year from rivers or 1 in 200 (0.5%) chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.5 Flood Storage Areas

Records within 250m

0

Areas that act as a balancing reservoir, storage basin or balancing pond to attenuate an incoming flood peak to a flow level that can be accepted by the downstream channel or to delay the timing of a flood peak so that its volume is discharged over a longer period.

This data is sourced from the Environment Agency and Natural Resources Wales.



River and coastal flooding - Flood Zones

7.6 Flood Zone 2

Records within 50m

0

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land between Flood Zone 3 (see next section) and the extent of the flooding from rivers or the sea with a 1 in 1000 (0.1%) chance of flooding each year.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.7 Flood Zone 3

Records within 50m

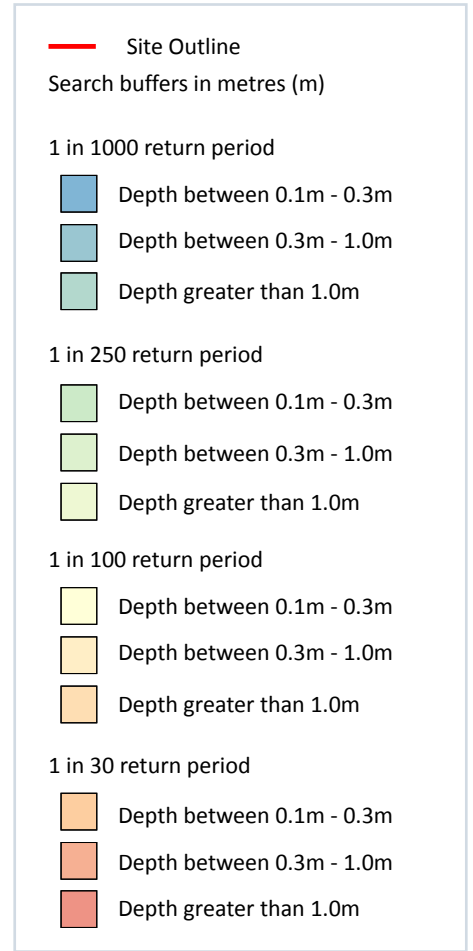
0

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.



8 Surface water flooding



8.1 Surface water flooding

Highest risk on site

1 in 100 year, 0.3m - 1.0m

Highest risk within 50m

1 in 30 year, 0.3m - 1.0m

Ambiental Risk Analytics surface water (pluvial) FloodMap identifies areas likely to flood as a result of extreme rainfall events, i.e. land naturally vulnerable to surface water ponding or flooding. This data set was produced by simulating 1 in 30 year, 1 in 100 year, 1 in 250 year and 1 in 1,000 year rainfall events. Modern urban drainage systems are typically built to cope with rainfall events between 1 in 20 and 1 in 30 years, though some older ones may flood in a 1 in 5 year rainfall event.

Features are displayed on the Surface water flooding map on [page 87 >](#)

The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.

The table below shows the maximum flood depths for a range of return periods for the site.

| Return period | Maximum modelled depth |
|----------------|------------------------|
| 1 in 1000 year | Greater than 1.0m |
| 1 in 250 year | Between 0.3m and 1.0m |
| 1 in 100 year | Between 0.3m and 1.0m |
| 1 in 30 year | Negligible |

This data is sourced from Ambiental Risk Analytics.



9 Groundwater flooding



9.1 Groundwater flooding

Highest risk on site

Moderate

Highest risk within 50m

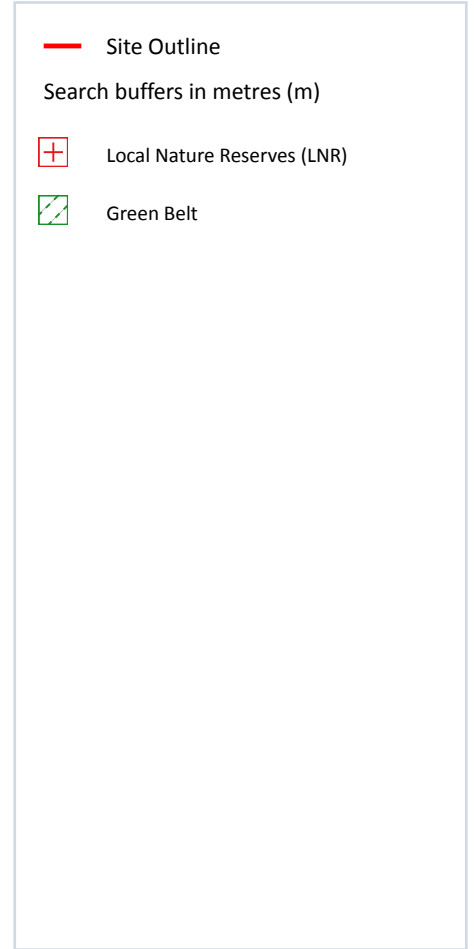
Moderate

Groundwater flooding is caused by unusually high groundwater levels. It occurs when the water table rises above the ground surface or within underground structures such as basements or cellars. Groundwater flooding tends to exhibit a longer duration than surface water flooding, possibly lasting for weeks or months, and as a result it can cause significant damage to property. This risk assessment is based on a 1 in 100 year return period and a 5m Digital Terrain Model (DTM).

Features are displayed on the Groundwater flooding map on [page 89](#) >

This data is sourced from Ambiantal Risk Analytics.

10 Environmental designations



10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

0

Sites providing statutory protection for the best examples of UK flora, fauna, or geological or physiographical features. Originally notified under the National Parks and Access to the Countryside Act 1949, SSSIs were re-notified under the Wildlife and Countryside Act 1981. Improved provisions for the protection and management of SSSIs were introduced by the Countryside and Rights of Way Act 2000 (in England and Wales) and (in Scotland) by the Nature Conservation (Scotland) Act 2004 and the Wildlife and Natural Environment (Scotland) Act 2010.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m

0

Ramsar sites are designated under the Convention on Wetlands of International Importance, agreed in Ramsar, Iran, in 1971. They cover all aspects of wetland conservation and wise use, recognizing wetlands as ecosystems that are extremely important for biodiversity conservation in general and for the well-being of human communities. These sites cover a broad definition of wetland; marsh, fen, peatland or water, whether natural or artificial, permanent or temporary, with water that is static or flowing, fresh, brackish or salt, and even some marine areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.3 Special Areas of Conservation (SAC)

Records within 2000m

0

Areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.4 Special Protection Areas (SPA)

Records within 2000m

0

Sites classified by the UK Government under the EC Birds Directive, SPAs are areas of the most important habitat for rare (listed on Annex I to the Directive) and migratory birds within the European Union.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.5 National Nature Reserves (NNR)

Records within 2000m

0

Sites containing examples of some of the most important natural and semi-natural terrestrial and coastal ecosystems in Great Britain. They are managed to conserve their habitats, provide special opportunities for scientific study or to provide public recreation compatible with natural heritage interests.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.



10.6 Local Nature Reserves (LNR)

Records within 2000m

2

Sites managed for nature conservation, and to provide opportunities for research and education, or simply enjoying and having contact with nature. They are declared by local authorities under the National Parks and Access to the Countryside Act 1949 after consultation with the relevant statutory nature conservation agency.

Features are displayed on the Environmental designations map on [page 90](#) >

| ID | Location | Name | Data source |
|----|----------|-------------------------|-----------------|
| 2 | 1084m NE | The Cliff / Kersal Dale | Natural England |
| 4 | 1436m NE | Kersal Moor | Natural England |

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.7 Designated Ancient Woodland

Records within 2000m

0

Ancient woodlands are classified as areas which have been wooded continuously since at least 1600 AD. This includes semi-natural woodland and plantations on ancient woodland sites. 'Wooded continuously' does not mean there is or has previously been continuous tree cover across the whole site, and not all trees within the woodland have to be old.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.8 Biosphere Reserves

Records within 2000m

0

Biosphere Reserves are internationally recognised by UNESCO as sites of excellence to balance conservation and socioeconomic development between nature and people. They are recognised under the Man and the Biosphere (MAB) Programme with the aim of promoting sustainable development founded on the work of the local community.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.9 Forest Parks

Records within 2000m

0

These are areas managed by the Forestry Commission designated on the basis of recreational, conservation or scenic interest.

This data is sourced from the Forestry Commission.



10.10 Marine Conservation Zones

Records within 2000m

0

A type of marine nature reserve in UK waters established under the Marine and Coastal Access Act (2009). They are designated with the aim to protect nationally important, rare or threatened habitats and species.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.11 Green Belt

Records within 2000m

2

Areas designated to prevent urban sprawl by keeping land permanently open.

Features are displayed on the Environmental designations map on [page 90](#) >

| ID | Location | Name | Local Authority name |
|----|----------|-----------------------------------|----------------------|
| 1 | 1072m N | Merseyside and Greater Manchester | Salford |
| 3 | 1096m N | Merseyside and Greater Manchester | Bury |

This data is sourced from the Ministry of Housing, Communities and Local Government.

10.12 Proposed Ramsar sites

Records within 2000m

0

Ramsar sites are areas listed as a Wetland of International Importance under the Convention on Wetlands of International Importance especially as Waterfowl Habitat (the Ramsar Convention) 1971. The sites here supplied have a status of 'Proposed' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m

0

Special Areas of Conservation are areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive. Those sites supplied here are those with a status of 'Possible' having been identified for potential adoption under the framework.

This data is sourced from Natural England and Natural Resources Wales.



10.14 Potential Special Protection Areas (pSPA)

Records within 2000m

0

Special Protection Areas (SPAs) are areas designated (or 'classified') under the European Union Wild Birds Directive for the protection of nationally and internationally important populations of wild birds. Those sites supplied here are those with a status of 'Potential' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

10.15 Nitrate Sensitive Areas

Records within 2000m

0

Areas where nitrate concentrations in drinking water sources exceeded or was at risk of exceeding the limit of 50 mg/l set by the 1980 EC Drinking Water Directive. Voluntary agricultural measures as a means of reducing the levels of nitrate were introduced by DEFRA as MAFF, with payments being made to farmers who complied. The scheme was started as a pilot in 1990 in ten areas, later implemented within 32 areas. The scheme was closed to further new entrants in 1998, although existing agreements continued for their full term. All Nitrate Sensitive Areas fell within the areas designated as Nitrate Vulnerable Zones (NVZs) in 1996 under the EC Nitrate Directive (91/676/EEC).

This data is sourced from Natural England.

10.16 Nitrate Vulnerable Zones

Records within 2000m

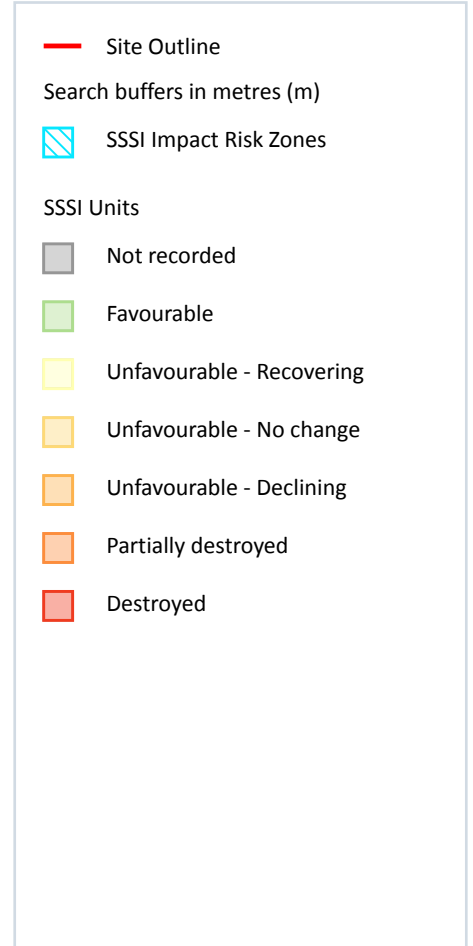
1

Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

| Location | Name | Type | NVZ ID | Status |
|----------|--|---------------|--------|----------|
| On site | Irwell / Man. Ship Canal (Kearsley to Irlam Locks) NVZ | Surface Water | 643 | Existing |

This data is sourced from Natural England and Natural Resources Wales.

SSSI Impact Zones and Units



10.17 SSSI Impact Risk Zones

Records on site

1

Developed to allow rapid initial assessment of the potential risks to SSSIs posed by development proposals. They define zones around each SSSI which reflect the particular sensitivities of the features for which it is notified and indicate the types of development proposal which could potentially have adverse impacts.

Features are displayed on the SSSI Impact Zones and Units map on [page 95](#) >

| ID | Location | Type of developments requiring consultation |
|----|----------|---|
| 1 | On site | Air pollution - Livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 4000m². Combustion - General combustion processes >50MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion |

This data is sourced from Natural England.

10.18 SSSI Units

Records within 2000m

0

Divisions of SSSIs used to record management and condition details. Units are the smallest areas for which Natural England gives a condition assessment, however, the size of units varies greatly depending on the types of management and the conservation interest.

This data is sourced from Natural England and Natural Resources Wales.



11 Visual and cultural designations

11.1 World Heritage Sites

Records within 250m

0

Sites designated for their globally important cultural or natural interest requiring appropriate management and protection measures. World Heritage Sites are designated to meet the UK's commitments under the World Heritage Convention.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.2 Area of Outstanding Natural Beauty

Records within 250m

0

Areas of Outstanding Natural Beauty (AONB) are conservation areas, chosen because they represent 18% of the finest countryside. Each AONB has been designated for special attention because of the quality of their flora, fauna, historical and cultural associations, and/or scenic views. The National Parks and Access to the Countryside Act of 1949 created AONBs and the Countryside and Rights of Way Act, 2000 added further regulation and protection. There are likely to be restrictions to some developments within these areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.3 National Parks

Records within 250m

0

In England and Wales, the purpose of National Parks is to conserve and enhance landscapes within the countryside whilst promoting public enjoyment of them and having regard for the social and economic well-being of those living within them. In Scotland National Parks have the additional purpose of promoting the sustainable use of the natural resources of the area and the sustainable social and economic development of its communities. The National Parks and Access to the Countryside Act 1949 established the National Park designation in England and Wales, and The National Parks (Scotland) Act 2000 in Scotland.

This data is sourced from Natural England, Natural Resources Wales and the Scottish Government.

11.4 Listed Buildings

Records within 250m

0

Buildings listed for their special architectural or historical interest. Building control in the form of 'listed building consent' is required in order to make any changes to that building which might affect its special interest. Listed buildings are graded to indicate their relative importance, however building controls apply to all buildings equally, irrespective of their grade, and apply to the interior and exterior of the building in its entirety, together with any curtilage structures.



This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.5 Conservation Areas

Records within 250m

0

Local planning authorities are obliged to designate as conservation areas any parts of their own area that are of special architectural or historic interest, the character and appearance of which it is desirable to preserve or enhance. Designation of a conservation area gives broader protection than the listing of individual buildings. All the features within the area, listed or otherwise, are recognised as part of its character. Conservation area designation is the means of recognising the importance of all factors and of ensuring that planning decisions address the quality of the landscape in its broadest sense.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.6 Scheduled Ancient Monuments

Records within 250m

0

A scheduled monument is an historic building or site that is included in the Schedule of Monuments kept by the Secretary of State for Digital, Culture, Media and Sport. The regime is set out in the Ancient Monuments and Archaeological Areas Act 1979. The Schedule of Monuments has c.20,000 entries and includes sites such as Roman remains, burial mounds, castles, bridges, earthworks, the remains of deserted villages and industrial sites. Monuments are not graded, but all are, by definition, considered to be of national importance.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.7 Registered Parks and Gardens

Records within 250m

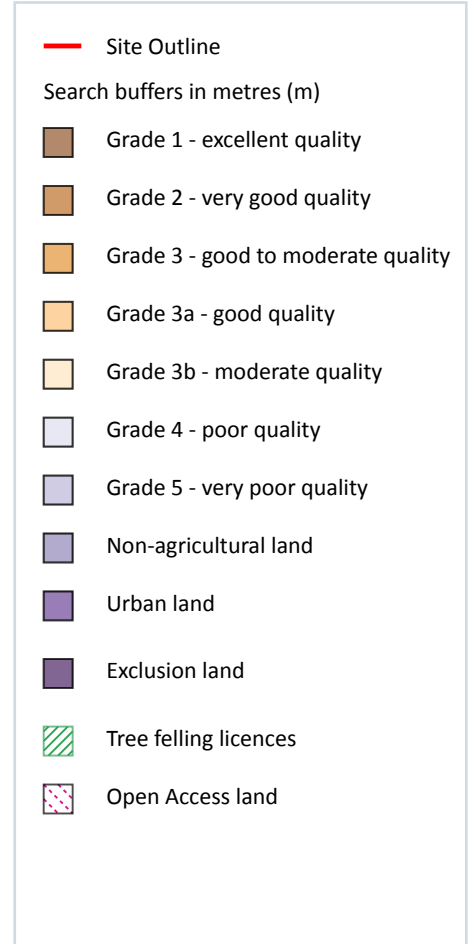
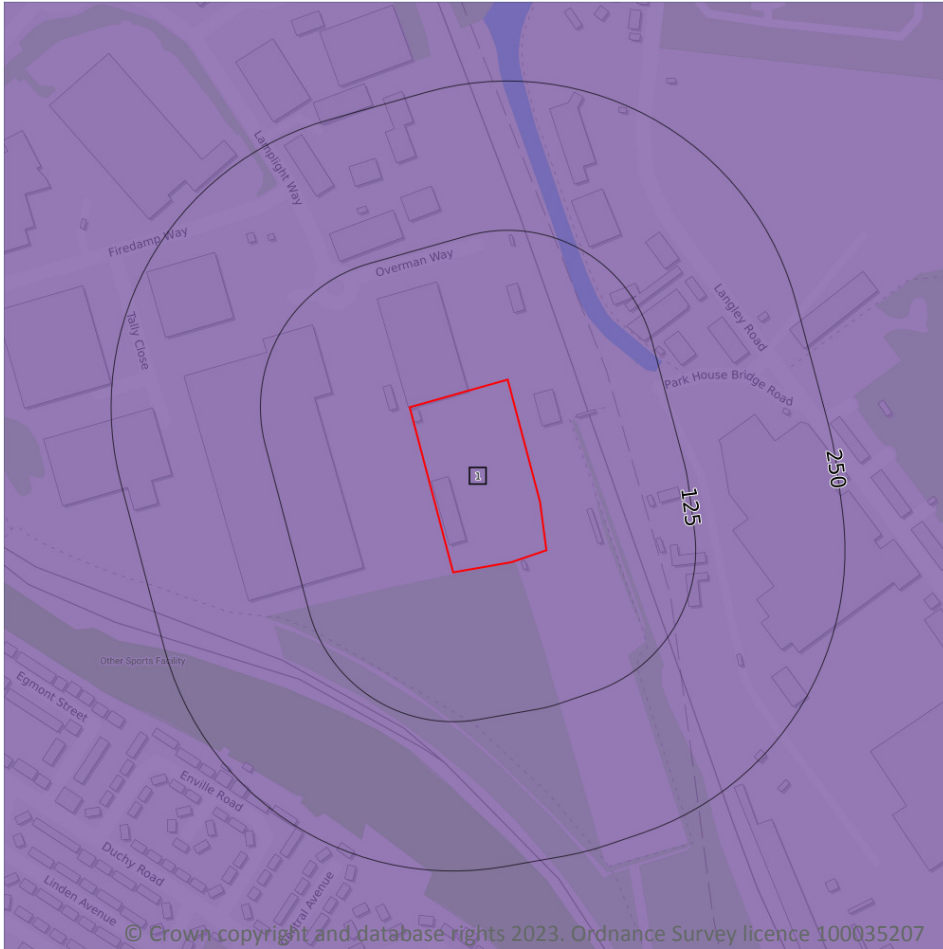
0

Parks and gardens assessed to be of particular interest and of special historic interest. The emphasis being on 'designed' landscapes, rather than on planting or botanical importance. Registration is a 'material consideration' in the planning process, meaning that planning authorities must consider the impact of any proposed development on the special character of the landscape.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.



12 Agricultural designations



12.1 Agricultural Land Classification

Records within 250m

1

Classification of the quality of agricultural land taking into consideration multiple factors including climate, physical geography and soil properties. It should be noted that the categories for the grading of agricultural land are not consistent across England, Wales and Scotland.

Features are displayed on the Agricultural designations map on [page 99](#) >

| ID | Location | Classification | Description |
|----|----------|----------------|-------------|
| 1 | On site | Urban | - |

This data is sourced from Natural England.

12.2 Open Access Land

Records within 250m

0

The Countryside and Rights of Way Act 2000 (CROW Act) gives a public right of access to land without having to use paths. Access land includes mountains, moors, heaths and downs that are privately owned. It also includes common land registered with the local council and some land around the England Coast Path. Generally permitted activities on access land are walking, running, watching wildlife and climbing.

This data is sourced from Natural England and Natural Resources Wales.

12.3 Tree Felling Licences

Records within 250m

0

Felling Licence Application (FLA) areas approved by Forestry Commission England. Anyone wishing to fell trees must ensure that a licence or permission under a grant scheme has been issued by the Forestry Commission before any felling is carried out or that one of the exceptions apply.

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m

0

Environmental Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. The schemes identified may be historical schemes that have now expired, or may still be active.

This data is sourced from Natural England.

12.5 Countryside Stewardship Schemes

Records within 250m

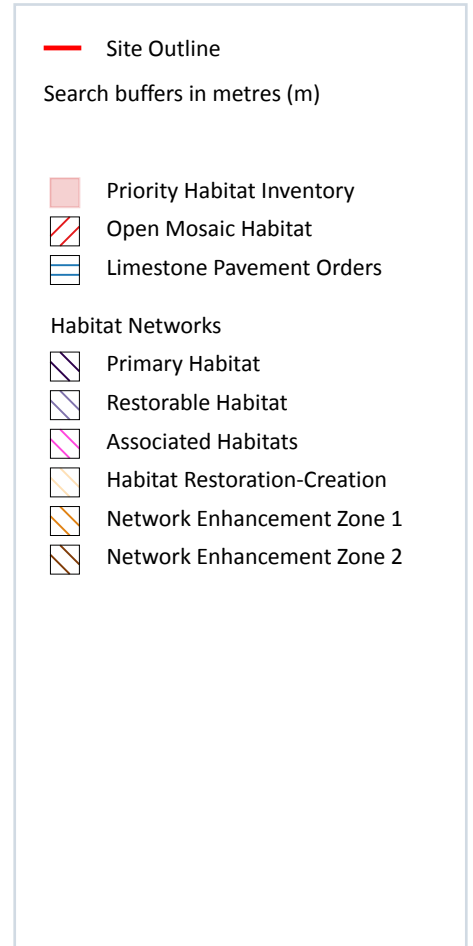
0

Countryside Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. Main objectives are to improve the farmed environment for wildlife and to reduce diffuse water pollution.

This data is sourced from Natural England.



13 Habitat designations



13.1 Priority Habitat Inventory

Records within 250m

3

Habitats of principal importance as named under Natural Environment and Rural Communities Act (2006) Section 41.

Features are displayed on the Habitat designations map on [page 101](#) >

| ID | Location | Main Habitat | Other habitats |
|----|----------|---|---------------------------------|
| 2 | 1m S | Deciduous woodland | Main habitat: DWOOD (INV > 50%) |
| 3 | 85m NE | No main habitat but additional habitats present | Additional: LFENS (INV 50%) |
| 4 | 146m SW | Deciduous woodland | Main habitat: DWOOD (INV > 50%) |

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m

0

Habitat networks for 18 priority habitat networks (based primarily, but not exclusively, on the priority habitat inventory) and areas suitable for the expansion of networks through restoration and habitat creation.

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m

2

Sites verified as Open Mosaic Habitat. Mosaic habitats are brownfield sites that are identified under the UK Biodiversity Action Plan as a priority habitat due to the habitat variation within a single site, supporting an array of invertebrates.

Features are displayed on the Habitat designations map on [page 101](#) >

| ID | Location | Site reference | Identification confidence | Primary source | Secondary source | Tertiary source |
|----|----------|--|---------------------------|--|---|---------------------------------------|
| 1 | On site | NLUD Ref: 423000403; HLD_refs: EAHLD1640 7 | Low | National Land Use Database - Previously Developed Land | Environment Agency Historic Landfill Sites | UK Perspectives Aerial Photography |
| 5 | 234m E | NLUD Ref: 423000373 | Low | National Land Use Database - Previously Developed Land | Environment Agency Historic Landfill Sites | UK Perspectives Aerial Photography |

This data is sourced from Natural England.

13.4 Limestone Pavement Orders

Records within 250m

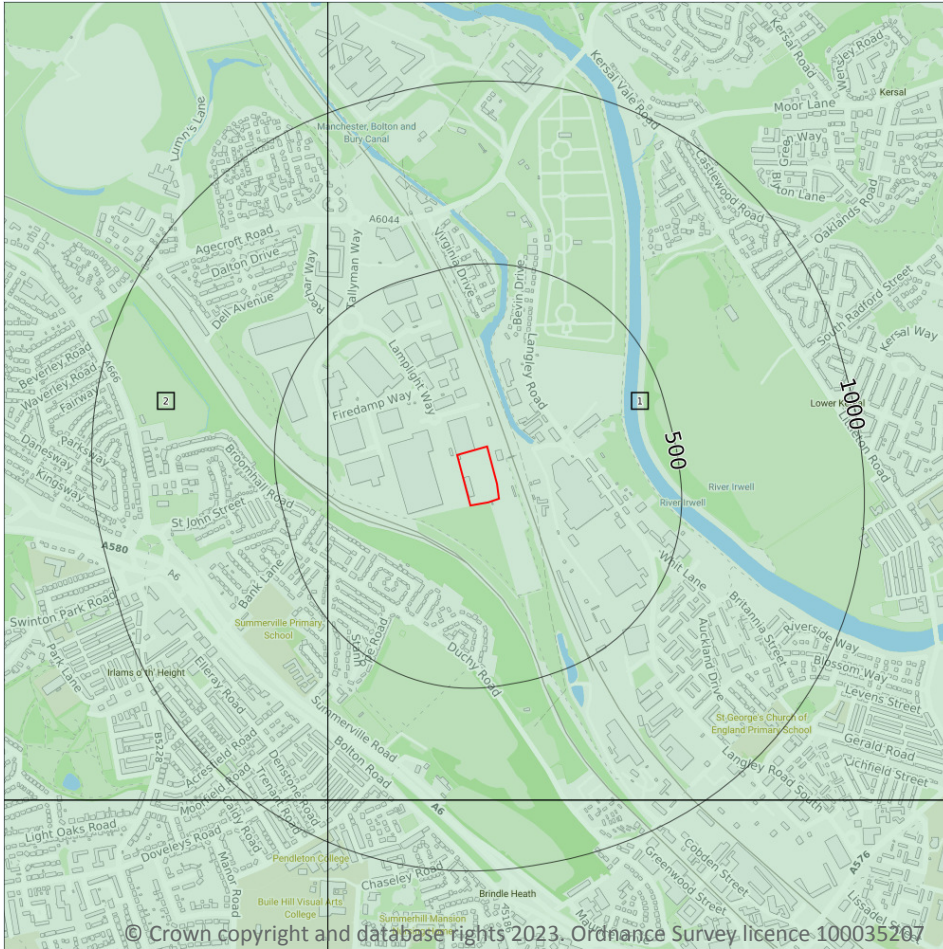
0

Limestone pavements are outcrops of limestone where the surface has been worn away by natural means over millennia. These rocks have the appearance of paving blocks, hence their name. Not only do they have geological interest, they also provide valuable habitats for wildlife. These habitats are threatened due to their removal for use in gardens and water features. Many limestone pavements have been designated as SSSIs which affords them some protection. In addition, Section 34 of the Wildlife and Countryside Act 1981 gave them additional protection via the creation of Limestone Pavement Orders, which made it a criminal offence to remove any part of the outcrop. The associated Limestone Pavement Priority Habitat is part of the UK Biodiversity Action Plan priority habitat in England.

This data is sourced from Natural England.



14 Geology 1:10,000 scale - Availability



— Site Outline
Search buffers in metres (m)

- Full coverage
- Partial coverage
- No coverage

14.1 10k Availability

Records within 500m

2

An indication on the coverage of 1:10,000 scale geology data for the site, the most detailed dataset provided by the British Geological Survey. Either 'Full', 'Partial' or 'No coverage' for each geological theme.

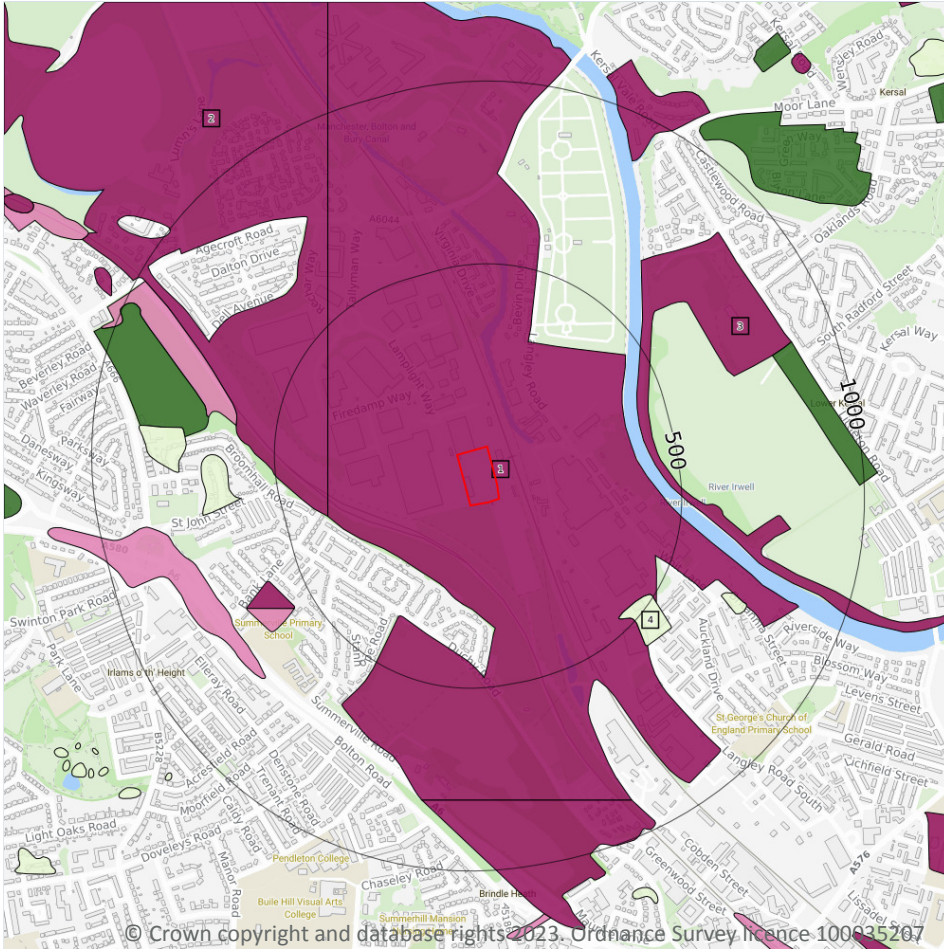
Features are displayed on the Geology 1:10,000 scale - Availability map on [page 103](#) >

| ID | Location | Artificial | Superficial | Bedrock | Mass movement | Sheet No. |
|----|----------|------------|-------------|---------|---------------|-----------|
| 1 | On site | Full | Full | Full | Full | SD80SW |
| 2 | 354m W | Full | Full | Full | Full | SD70SE |

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Artificial and made ground



- Site Outline
- Search buffers in metres (m)
- Reclaimed ground
- Made ground
- Worked ground
- Infilled ground
- Disturbed ground
- Landscaped ground

14.2 Artificial and made ground (10k)

Records within 500m

4

Details of made, worked, infilled, disturbed and landscaped ground at 1:10,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on [page 104](#) >

| ID | Location | LEX Code | Description | Rock description |
|----|----------|------------|-------------------------|--------------------|
| 1 | On site | MGR-ARTDP | Made Ground (Undivided) | Artificial Deposit |
| 2 | 354m W | MGR-ARTDP | Made Ground (Undivided) | Artificial Deposit |
| 3 | 418m E | MGR-ARTDP | Made Ground (Undivided) | Artificial Deposit |
| 4 | 460m SE | WMGR-ARTDP | Infilled Ground | Artificial Deposit |



This data is sourced from the British Geological Survey.



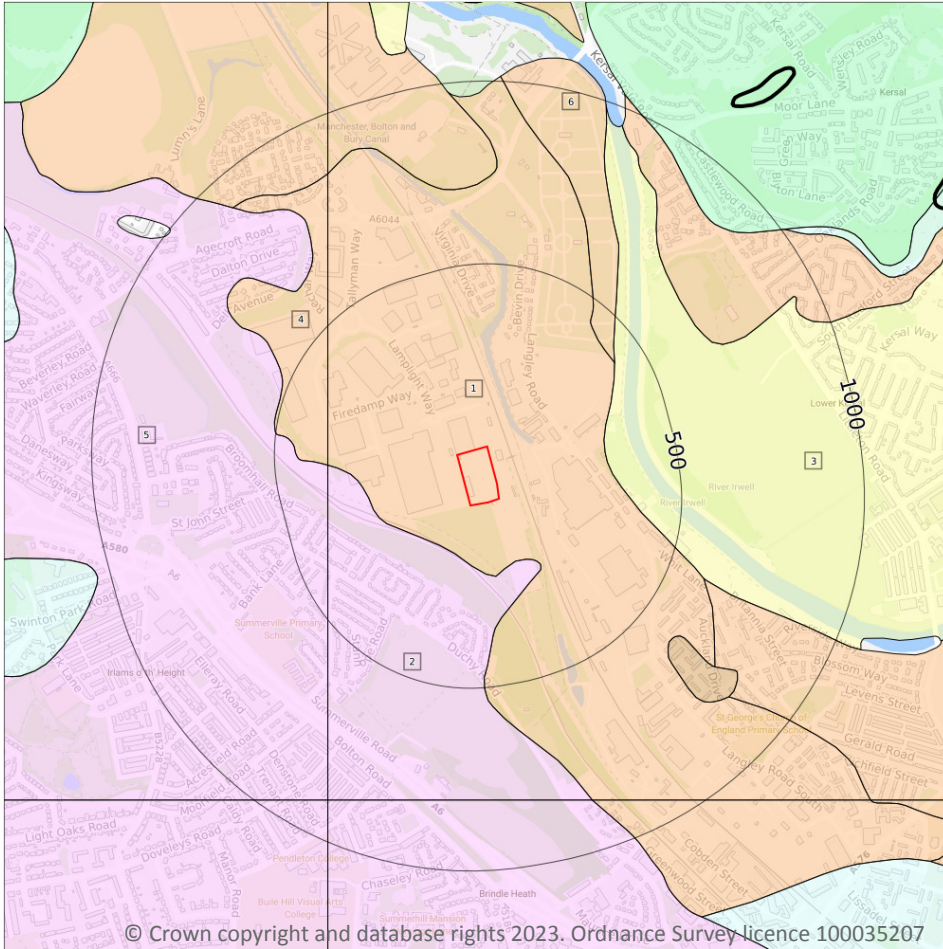
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Date: 13 November 2023

Geology 1:10,000 scale - Superficial



- Site Outline
- Search buffers in metres (m)
- Landslip (10k)
- Superficial geology (10k)
Please see table for more details.

14.3 Superficial geology (10k)

Records within 500m

6

Superficial geological deposits at 1:10,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

Features are displayed on the Geology 1:10,000 scale - Superficial map on [page 106](#) >

| ID | Location | LEX Code | Description | Rock description |
|----|----------|-----------|---|-----------------------------|
| 1 | On site | RTD2-XSV | River Terrace Deposits, 2 - Sand And Gravel | Sand And Gravel |
| 2 | 136m SW | GFDUD-XSV | Glaciofluvial Deposits, Devensian - Sand And Gravel | Sand And Gravel |
| 3 | 308m E | ALV-XCZSV | Alluvium - Clay, Silt, Sand And Gravel | Clay, Silt, Sand And Gravel |
| 4 | 354m W | RTD2-XSV | River Terrace Deposits, 2 - Sand And Gravel | Sand And Gravel |



| ID | Location | LEX Code | Description | Rock description |
|----|----------|-----------|---|------------------|
| 5 | 355m W | GFDUD-XSV | Glaciofluvial Deposits, Devensian - Sand And Gravel | Sand And Gravel |
| 6 | 416m NE | RTD1-XSV | River Terrace Deposits, 1 - Sand And Gravel | Sand And Gravel |

This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

Records within 500m

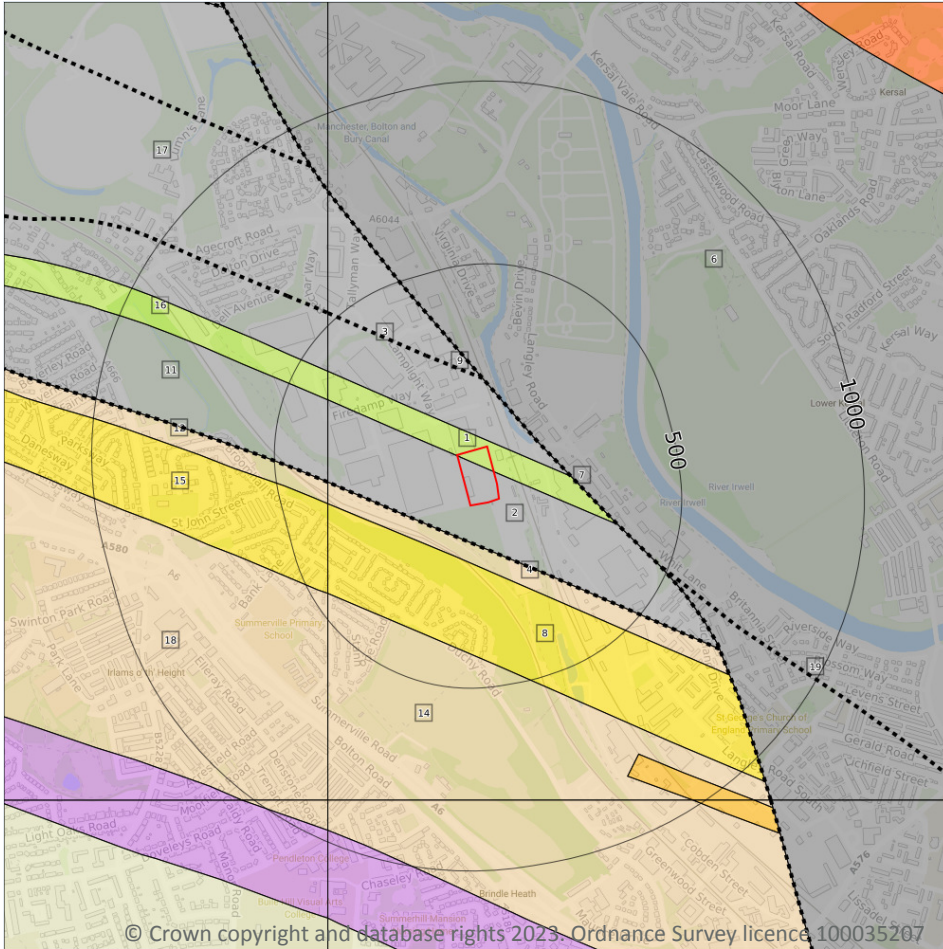
0

Mass movement deposits on BGS geological maps at 1:10,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Bedrock



- Site Outline
- Search buffers in metres (m)
- - - - Bedrock faults and other linear features (10k)
- Bedrock geology (10k)
Please see table for more details.

14.5 Bedrock geology (10k)

Records within 500m

13

Bedrock geology at 1:10,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:10,000 scale - Bedrock map on [page 108](#) >

| ID | Location | LEX Code | Description | Rock age |
|----|----------|-----------|--|--|
| 1 | On site | NHSS-SDST | Newton Heath Sandstone - Sandstone | Bolsovia Sub-age |
| 2 | On site | PMCM-MDSS | Pennine Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone | Bolsovia Sub-age - Duckmantian Sub-age |
| 3 | 16m N | PMCM-MDSS | Pennine Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone | Bolsovia Sub-age - Duckmantian Sub-age |



| ID | Location | LEX Code | Description | Rock age |
|----|----------|-----------|--|---|
| 4 | 94m S | PUCM-MDSS | Pennine Upper Coal Measures Formation - Mudstone, Siltstone And Sandstone | Westphalian D Sub-age - Bolsovian Sub-age |
| 6 | 113m NE | CPB-SDST | Chester Pebble Beds Formation - Sandstone | Early Triassic Epoch |
| 8 | 145m S | WDR-SDST | Worsley Delf Rock - Sandstone | Bolsovian Sub-age |
| 11 | 354m W | PMCM-MDSS | Pennine Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone | Bolsovian Sub-age - Duckmantian Sub-age |
| 12 | 362m W | PUCM-MDSS | Pennine Upper Coal Measures Formation - Mudstone, Siltstone And Sandstone | Westphalian D Sub-age - Bolsovian Sub-age |
| 14 | 374m S | PUCM-MDSS | Pennine Upper Coal Measures Formation - Mudstone, Siltstone And Sandstone | Westphalian D Sub-age - Bolsovian Sub-age |
| 15 | 376m W | WDR-SDST | Worsley Delf Rock - Sandstone | Bolsovian Sub-age |
| 16 | 385m NW | NHSS-SDST | Newton Heath Sandstone - Sandstone | Bolsovian Sub-age |
| 17 | 422m NW | PMCM-MDSS | Pennine Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone | Bolsovian Sub-age - Duckmantian Sub-age |
| 18 | 458m SW | PUCM-MDSS | Pennine Upper Coal Measures Formation - Mudstone, Siltstone And Sandstone | Westphalian D Sub-age - Bolsovian Sub-age |

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m

6

Linear features at the ground or bedrock surface at 1:10,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

Features are displayed on the Geology 1:10,000 scale - Bedrock map on [page 108](#) >

| ID | Location | Category | Description |
|----|----------|----------------|--|
| 5 | 94m S | FOSSIL_HORIZON | Fossil horizon, marine band coincident with bedrock geology boundary |
| 7 | 113m NE | FAULT | Normal fault, inferred; crossmarks on downthrow side |
| 9 | 188m N | ROCK | Coal seam, inferred |
| 10 | 285m NW | ROCK | Coal seam, observed |
| 13 | 362m W | FOSSIL_HORIZON | Fossil horizon, marine band coincident with bedrock geology boundary |
| 19 | 483m SE | FAULT | Normal fault, inferred; crossmarks on downthrow side |



This data is sourced from the British Geological Survey.



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Date: 13 November 2023

15 Geology 1:50,000 scale - Availability



— Site Outline
Search buffers in metres (m)

□ Geological map tile

15.1 50k Availability

Records within 500m

1

An indication on the coverage of 1:50,000 scale geology data for the site. Either 'Full' or 'No coverage' for each geological theme.

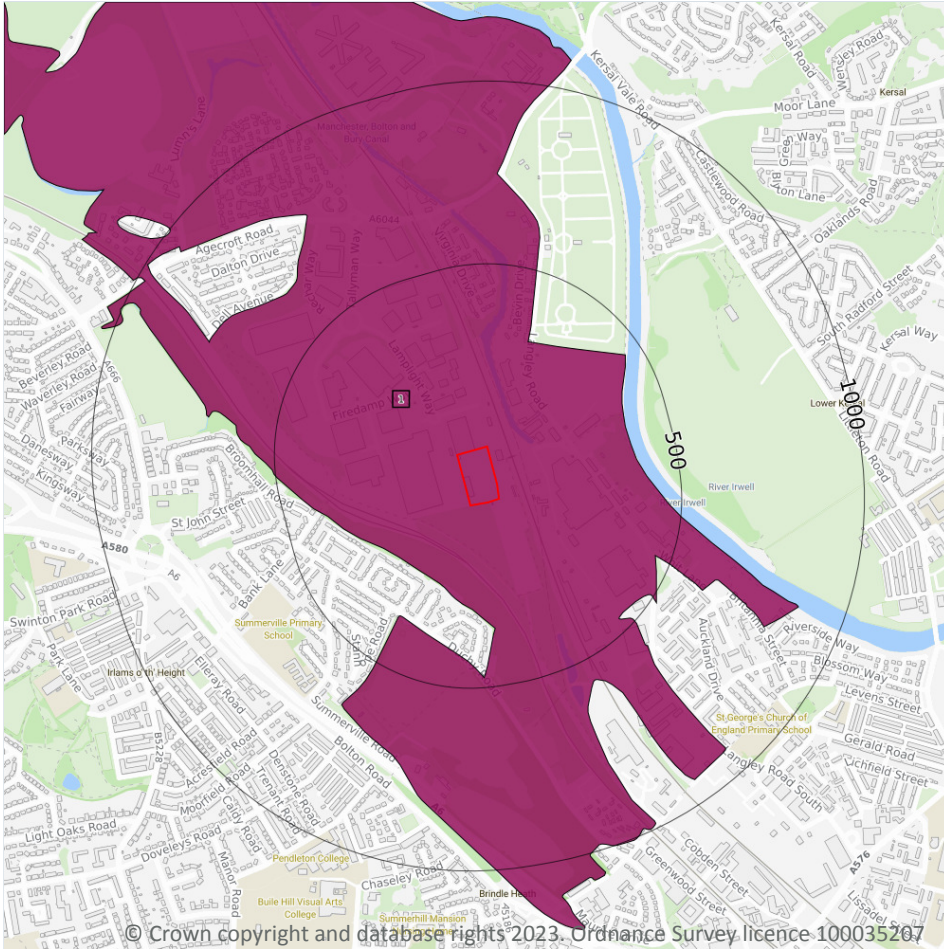
Features are displayed on the Geology 1:50,000 scale - Availability map on [page 111](#) >

| ID | Location | Artificial | Superficial | Bedrock | Mass movement | Sheet No. |
|----|----------|-------------|-------------|---------|---------------|---------------------|
| 1 | On site | No coverage | Full | Full | No coverage | EW085_manchester_v4 |

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Artificial and made ground



15.2 Artificial and made ground (50k)

Records within 500m

1

Details of made, worked, infilled, disturbed and landscaped ground at 1:50,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

Features are displayed on the Geology 1:50,000 scale - Artificial and made ground map on [page 112 >](#)

| ID | Location | LEX Code | Description | Rock description |
|----|----------|-----------|-------------------------|--------------------|
| 1 | On site | MGR-ARTDP | MADE GROUND (UNDIVIDED) | ARTIFICIAL DEPOSIT |

This data is sourced from the British Geological Survey.



15.3 Artificial ground permeability (50k)

Records within 50m

1

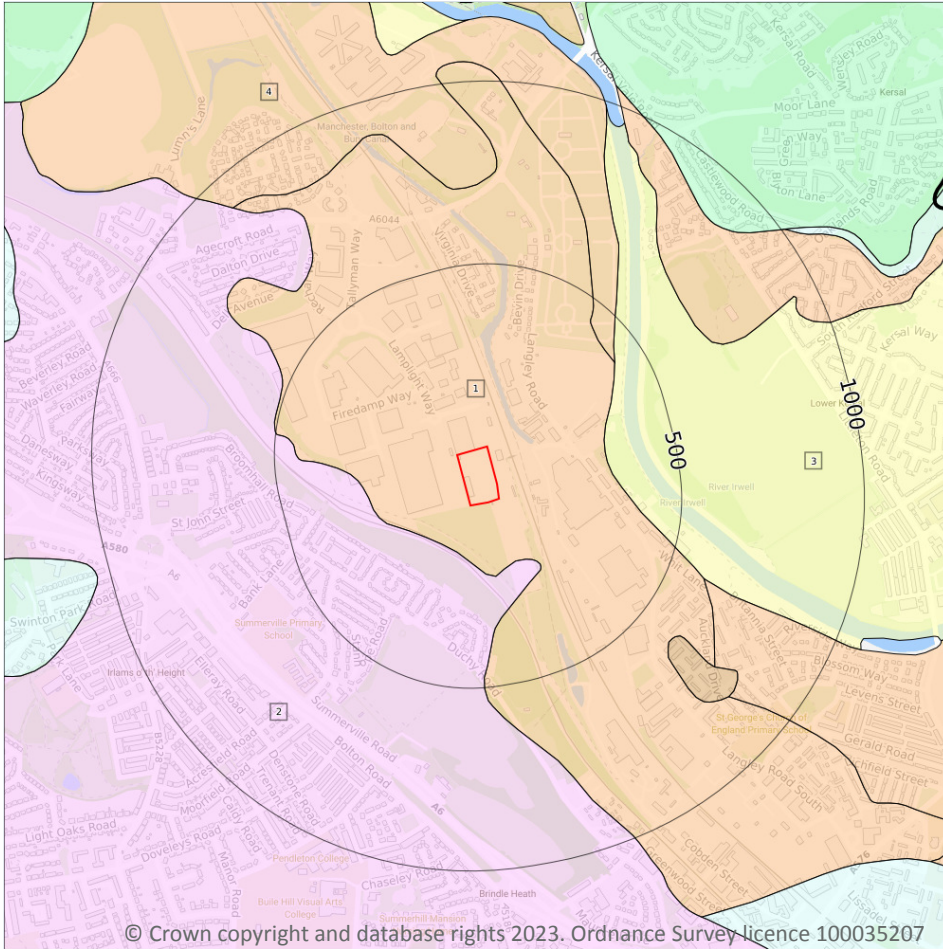
A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any artificial deposits (the zone between the land surface and the water table).

| Location | Flow type | Maximum permeability | Minimum permeability |
|----------|-----------|----------------------|----------------------|
| On site | Mixed | Very High | Low |

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Superficial



- Site Outline
- Search buffers in metres (m)
- Landslip (50k)
- Superficial geology (50k)
Please see table for more details.

15.4 Superficial geology (50k)

Records within 500m

4

Superficial geological deposits at 1:50,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

Features are displayed on the Geology 1:50,000 scale - Superficial map on [page 114](#) >

| ID | Location | LEX Code | Description | Rock description |
|----|----------|-----------|-----------------------------------|-----------------------------|
| 1 | On site | RTD2-XSV | RIVER TERRACE DEPOSITS, 2 | SAND AND GRAVEL |
| 2 | 130m SW | GFDUD-XSV | GLACIOFLUVIAL DEPOSITS, DEVENSIAN | SAND AND GRAVEL |
| 3 | 308m E | ALV-XCZSV | ALLUVIUM | CLAY, SILT, SAND AND GRAVEL |
| 4 | 416m NE | RTD1-XSV | RIVER TERRACE DEPOSITS, 1 | SAND AND GRAVEL |



This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m

1

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any superficial deposits (the zone between the land surface and the water table).

| Location | Flow type | Maximum permeability | Minimum permeability |
|----------|---------------|----------------------|----------------------|
| On site | Intergranular | Very High | High |

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m

0

Mass movement deposits on BGS geological maps at 1:50,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.

15.7 Landslip permeability (50k)

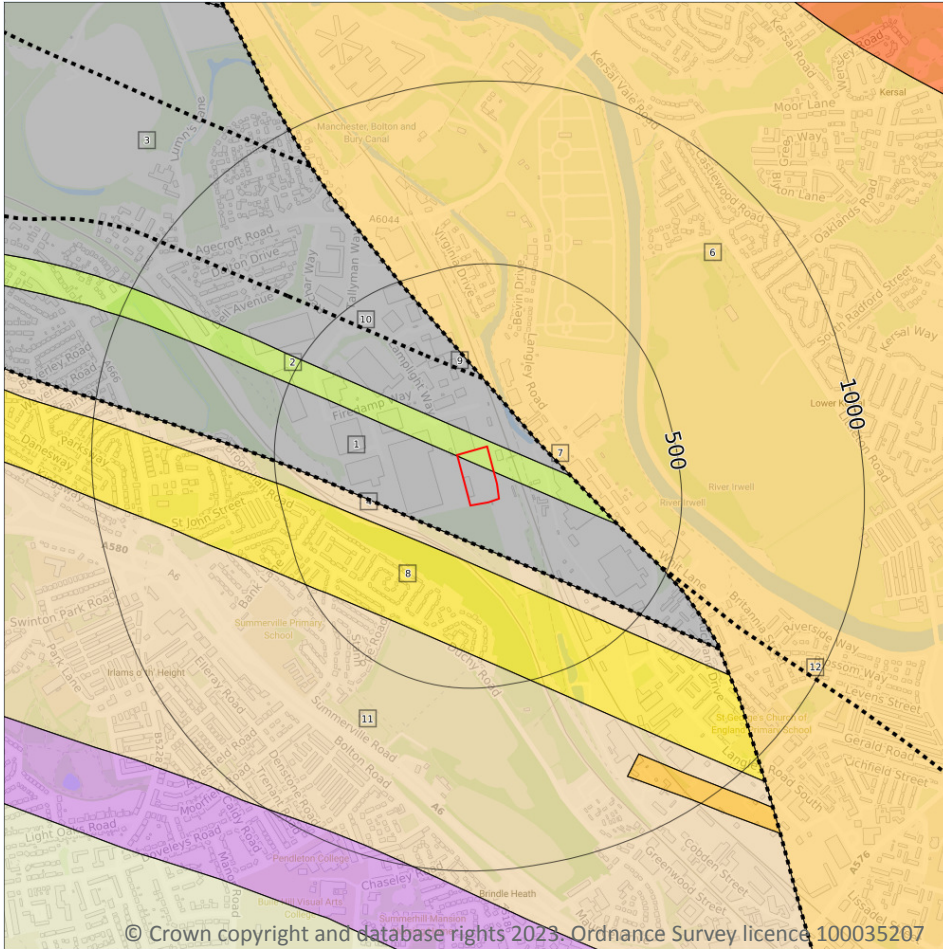
Records within 50m

0

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any landslip deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Bedrock



- Site Outline
- Search buffers in metres (m)
- - - - Bedrock faults and other linear features (50k)
- Bedrock geology (50k)
Please see table for more details.

15.8 Bedrock geology (50k)

Records within 500m

7

Bedrock geology at 1:50,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:50,000 scale - Bedrock map on [page 116](#) >

| ID | Location | LEX Code | Description | Rock age |
|----|----------|-----------|--|-------------|
| 1 | On site | PMCM-MDSS | PENNINE MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE | WESTPHALIAN |
| 2 | On site | NHSS-SDST | NEWTON HEATH SANDSTONE - SANDSTONE | WESTPHALIAN |
| 3 | 16m N | PMCM-MDSS | PENNINE MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE | WESTPHALIAN |



| ID | Location | LEX Code | Description | Rock age |
|----|----------|-----------|---|-------------|
| 4 | 94m S | PUCM-MDSS | PENNINE UPPER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE | WESTPHALIAN |
| 6 | 113m NE | CHES-SDST | CHESTER FORMATION - SANDSTONE | OLENEKIAN |
| 8 | 145m S | WDR-SDST | WORSLEY DELF ROCK - SANDSTONE | WESTPHALIAN |
| 11 | 373m S | PUCM-MDSS | PENNINE UPPER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE | WESTPHALIAN |

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m

3

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of bedrock (the zone between the land surface and the water table).

| Location | Flow type | Maximum permeability | Minimum permeability |
|----------|-----------|----------------------|----------------------|
| On site | Fracture | Moderate | Low |
| On site | Fracture | High | Moderate |
| 15m N | Fracture | Moderate | Low |

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m

5

Linear features at the ground or bedrock surface at 1:50,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

Features are displayed on the Geology 1:50,000 scale - Bedrock map on [page 116 >](#)

| ID | Location | Category | Description |
|----|----------|----------------|---------------------|
| 5 | 94m S | FOSSIL_HORIZON | Marine band |
| 7 | 113m NE | FAULT | Fault, inferred |
| 9 | 187m N | ROCK | Coal seam, inferred |
| 10 | 285m NW | ROCK | Coal seam, observed |

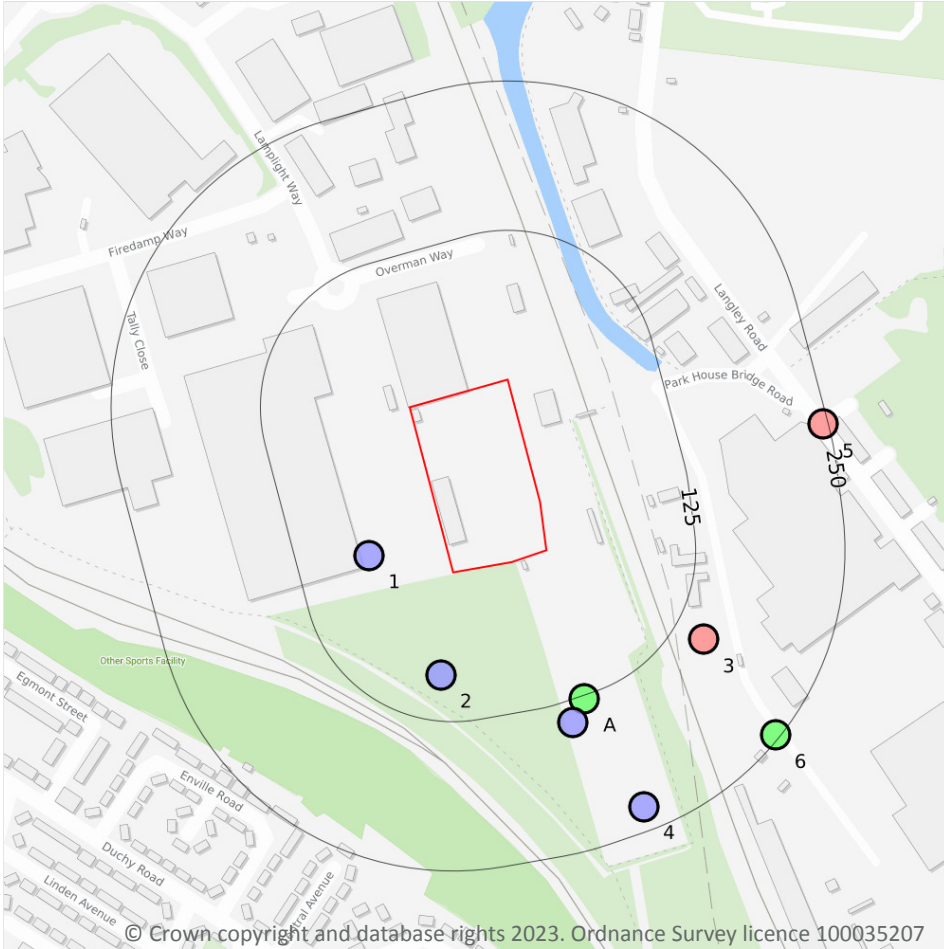


| ID | Location | Category | Description |
|----|----------|----------|-----------------|
| 12 | 483m SE | FAULT | Fault, inferred |

This data is sourced from the British Geological Survey.



16 Boreholes



Site Outline

Search buffers in metres (m)

- Confidential
- 0 - 10m
- 10 - 30m
- 30m+
- Unknown

16.1 BGS Boreholes

Records within 250m

8

The Single Onshore Boreholes Index (SOBI); an index of over one million records of boreholes, shafts and wells from all forms of drilling and site investigation work held by the British Geological Survey. Covering onshore and nearshore boreholes dating back to at least 1790 and ranging from one to several thousand metres deep.

Features are displayed on the Boreholes map on [page 119 >](#)

| ID | Location | Grid reference | Name | Length | Confidential | Web link |
|----|----------|----------------|---------------------------|--------|--------------|-------------------------|
| 1 | 64m SW | 380320 400820 | BRINDLE HEATH SIDINGS 1 | 7.65 | N | 29317 ↗ |
| 2 | 87m S | 380380 400720 | BRINDLE HEATH SIDINGS 2 | 7.7 | N | 29318 ↗ |
| A | 128m SE | 380500 400700 | AGECROFT LOCOMOTIVE SHEDS | 24.99 | N | 28838 ↗ |

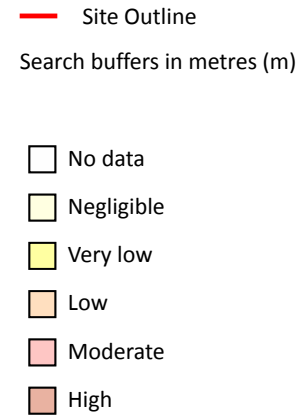
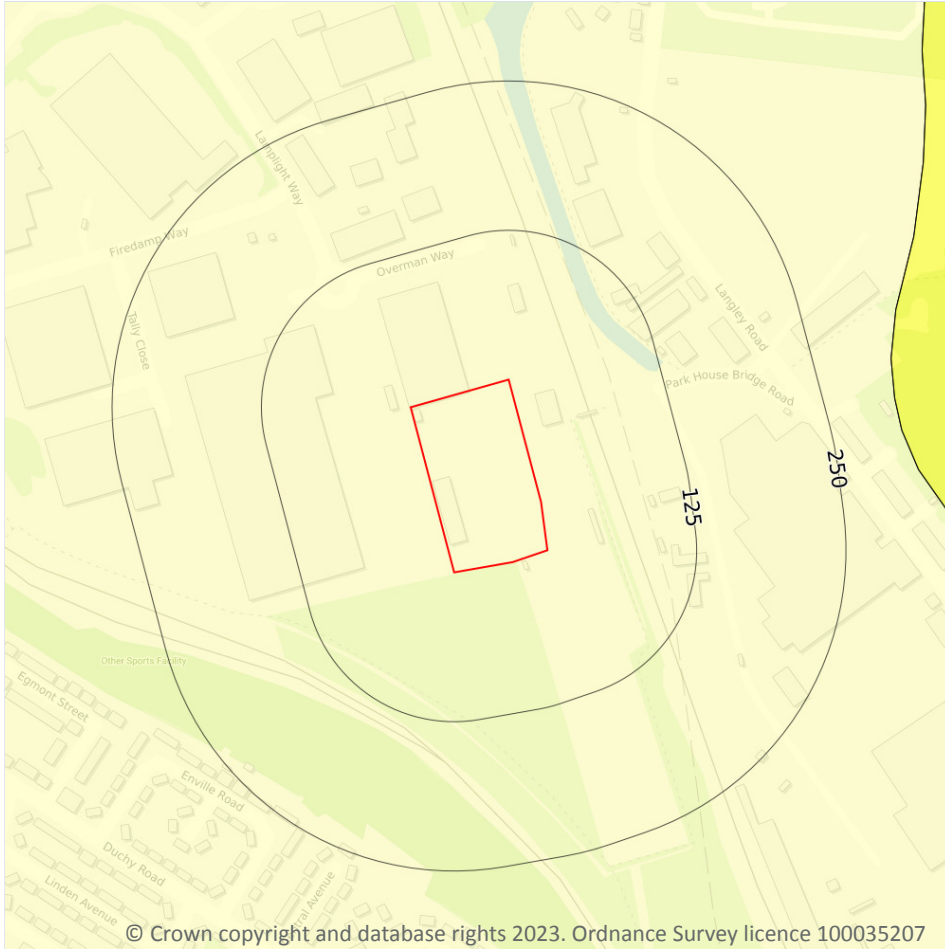


| ID | Location | Grid reference | Name | Length | Confidential | Web link |
|----|----------|----------------|--------------------------------|--------|--------------|-------------------------|
| A | 144m S | 380490 400680 | BRINDLE HEATH SIDINGS 3 | 8.3 | N | 29319 ↗ |
| 3 | 151m SE | 380600 400750 | BRIDGE ROAD AGE CROFT | 49.6 | N | 29110 ↗ |
| 4 | 230m SE | 380550 400610 | BRINDLE HEATH SIDINGS 4 | 9.3 | N | 29320 ↗ |
| 5 | 246m E | 380700 400930 | PARK HOUSE DYEING CO PENDLETON | 53.95 | N | 28822 ↗ |
| 6 | 246m SE | 380660 400670 | AGE CROFT MILL | 12.19 | N | 28823 ↗ |

This data is sourced from the British Geological Survey.



17 Natural ground subsidence - Shrink swell clays



17.1 Shrink swell clays

Records within 50m

1

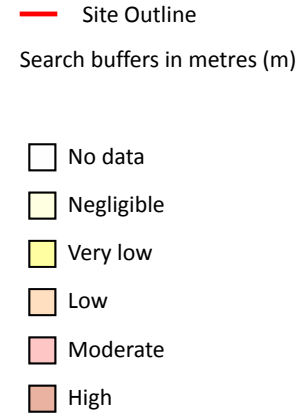
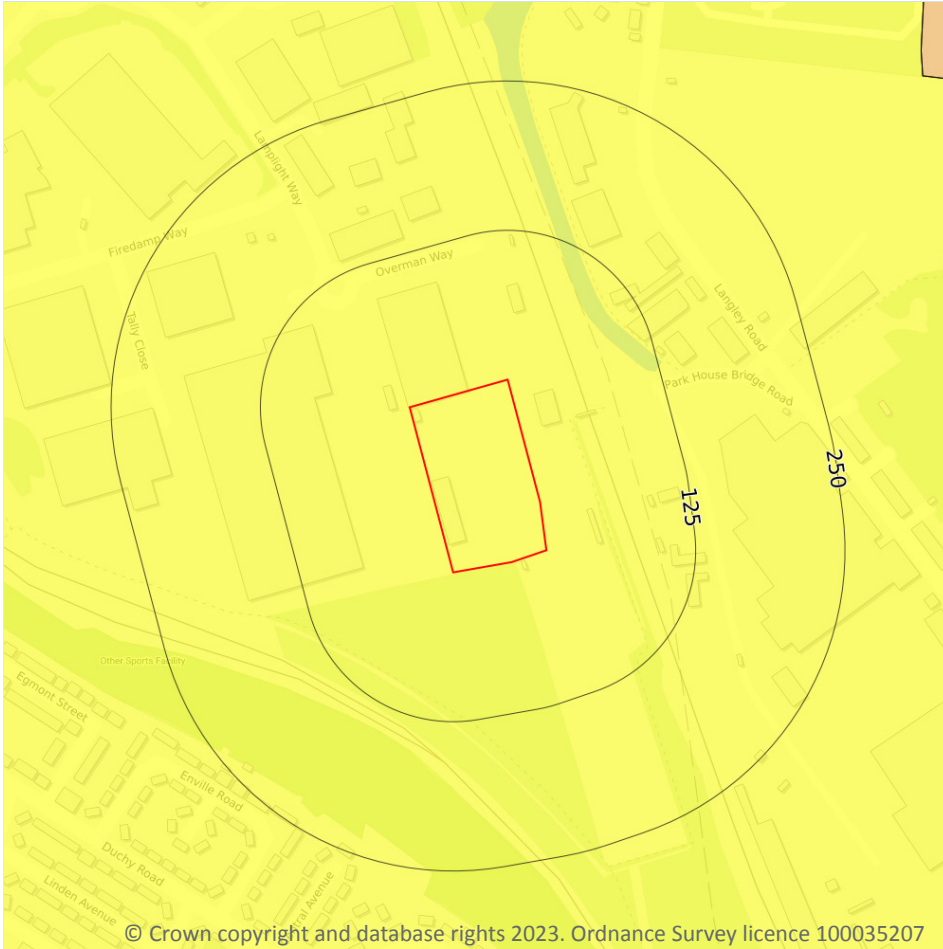
The potential hazard presented by soils that absorb water when wet (making them swell), and lose water as they dry (making them shrink). This shrink-swell behaviour is controlled by the type and amount of clay in the soil, and by seasonal changes in the soil moisture content (related to rainfall and local drainage).

Features are displayed on the Natural ground subsidence - Shrink swell clays map on [page 121](#) >

| Location | Hazard rating | Details |
|----------|---------------|--|
| On site | Negligible | Ground conditions predominantly non-plastic. |

This data is sourced from the British Geological Survey.

Natural ground subsidence - Running sands



17.2 Running sands

Records within 50m

1

The potential hazard presented by rocks that can contain loosely-packed sandy layers that can become fluidised by water flowing through them. Such sands can 'run', removing support from overlying buildings and causing potential damage.

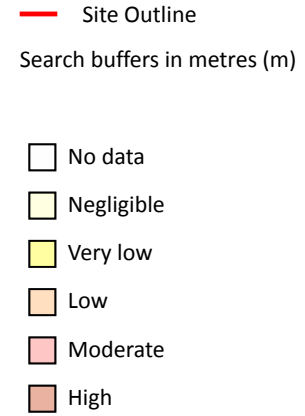
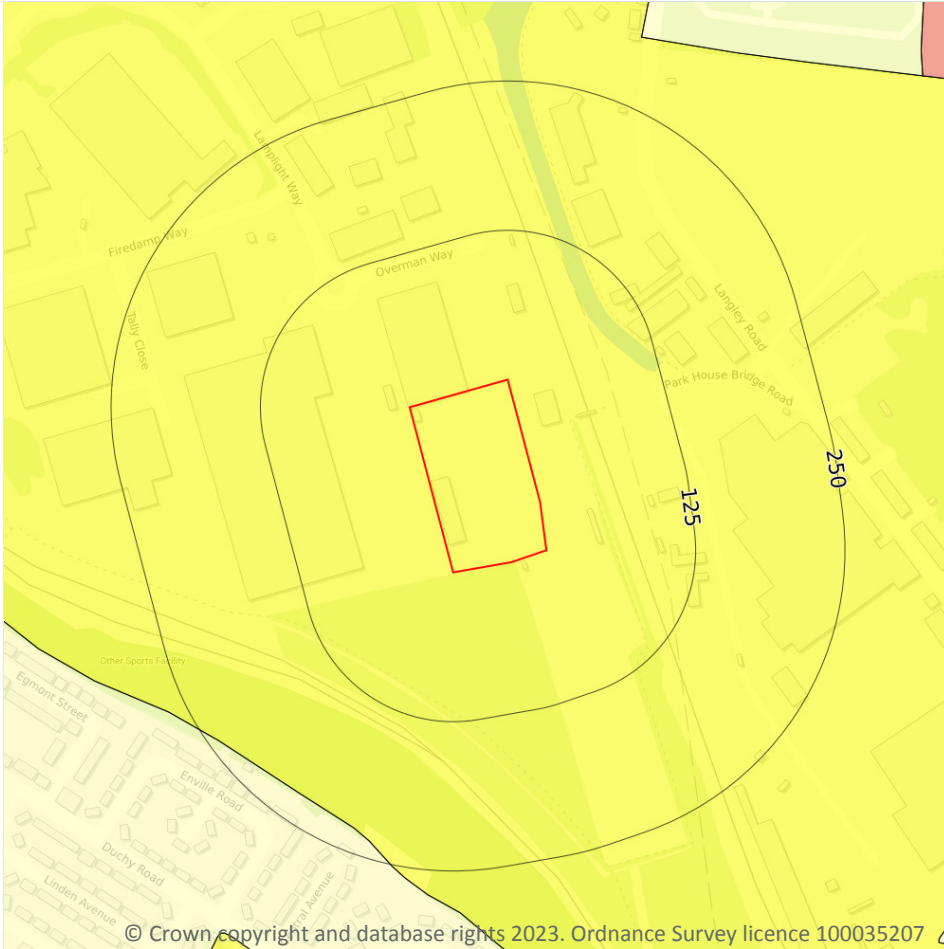
Features are displayed on the Natural ground subsidence - Running sands map on [page 122](#) >

| Location | Hazard rating | Details |
|----------|---------------|---|
| On site | Very low | Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly. |

This data is sourced from the British Geological Survey.



Natural ground subsidence - Compressible deposits



17.3 Compressible deposits

Records within 50m

1

The potential hazard presented by types of ground that may contain layers of very soft materials like clay or peat and may compress if loaded by overlying structures, or if the groundwater level changes, potentially resulting in depression of the ground and disturbance of foundations.

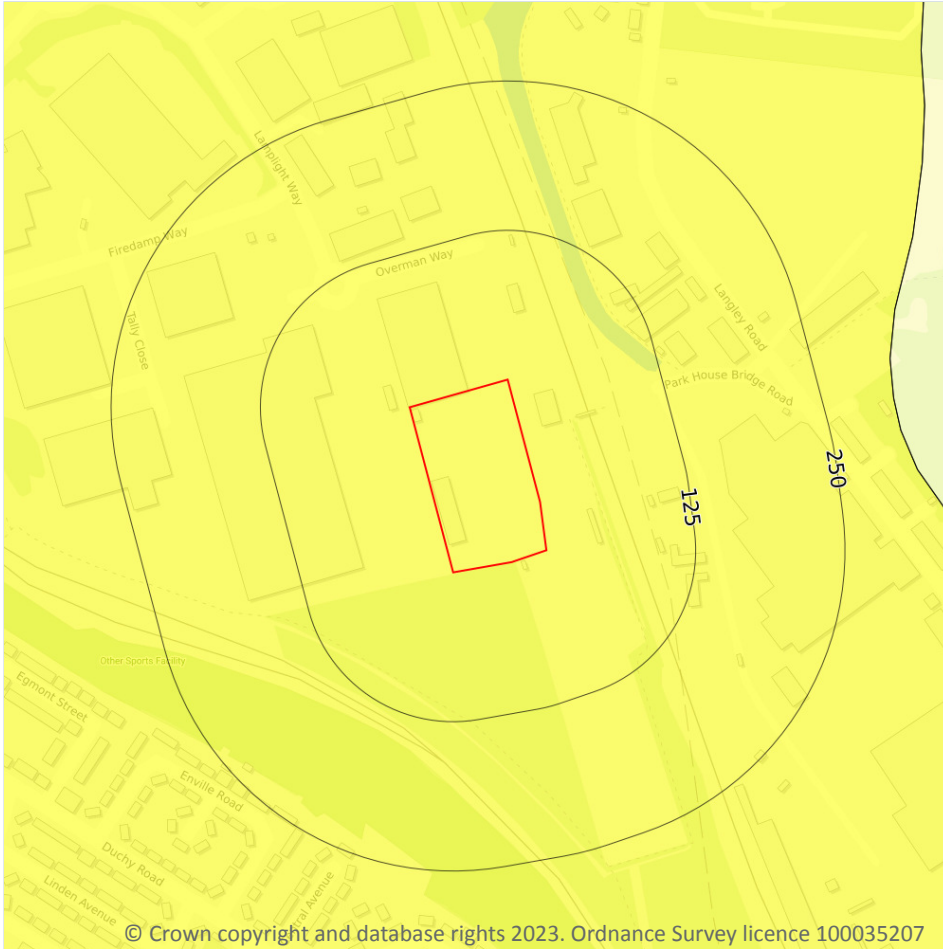
Features are displayed on the Natural ground subsidence - Compressible deposits map on [page 123 >](#)

| Location | Hazard rating | Details |
|----------|---------------|---|
| On site | Very low | Compressibility and uneven settlement problems are not likely to be significant on the site for most land uses. |

This data is sourced from the British Geological Survey.



Natural ground subsidence - Collapsible deposits



— Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.4 Collapsible deposits

Records within 50m

1

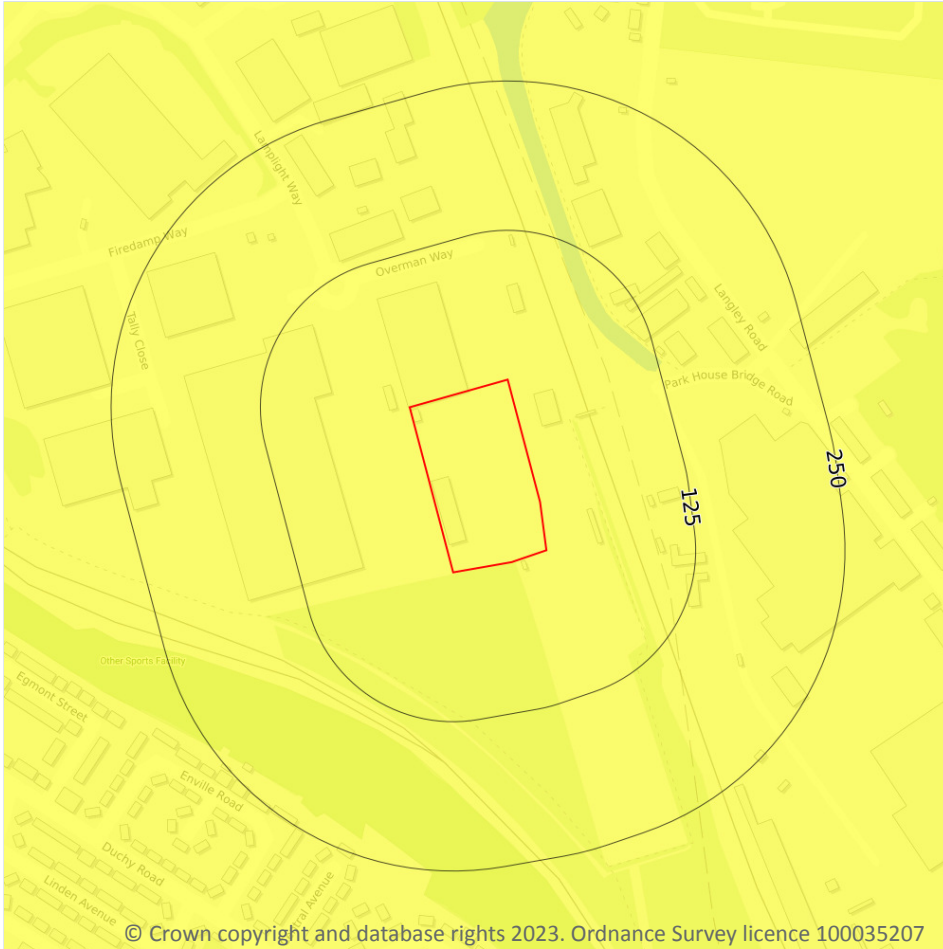
The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

Features are displayed on the Natural ground subsidence - Collapsible deposits map on [page 124 >](#)

| Location | Hazard rating | Details |
|----------|---------------|---|
| On site | Very low | Deposits with potential to collapse when loaded and saturated are unlikely to be present. |

This data is sourced from the British Geological Survey.

Natural ground subsidence - Landslides



— Site Outline
Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.5 Landslides

Records within 50m

1

The potential for landsliding (slope instability) to be a hazard assessed using 1:50,000 scale digital maps of superficial and bedrock deposits, combined with information from the BGS National Landslide Database and scientific and engineering reports.

Features are displayed on the Natural ground subsidence - Landslides map on [page 125 >](#)

| Location | Hazard rating | Details |
|----------|---------------|---|
| On site | Very low | Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered. |

This data is sourced from the British Geological Survey.



Contact us with any questions at:

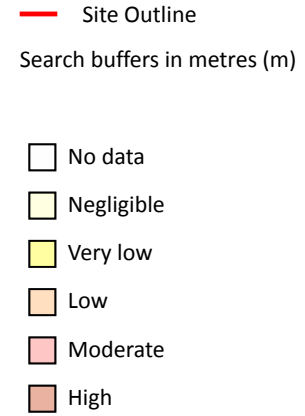
info@groundsure.com

01273 257 755

Date: 13 November 2023



Natural ground subsidence - Ground dissolution of soluble rocks



17.6 Ground dissolution of soluble rocks

Records within 50m

1

The potential hazard presented by ground dissolution, which occurs when water passing through soluble rocks produces underground cavities and cave systems. These cavities reduce support to the ground above and can cause localised collapse of the overlying rocks and deposits.

Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on [page 126 >](#)

| Location | Hazard rating | Details |
|----------|---------------|---|
| On site | Negligible | Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present. |

This data is sourced from the British Geological Survey.



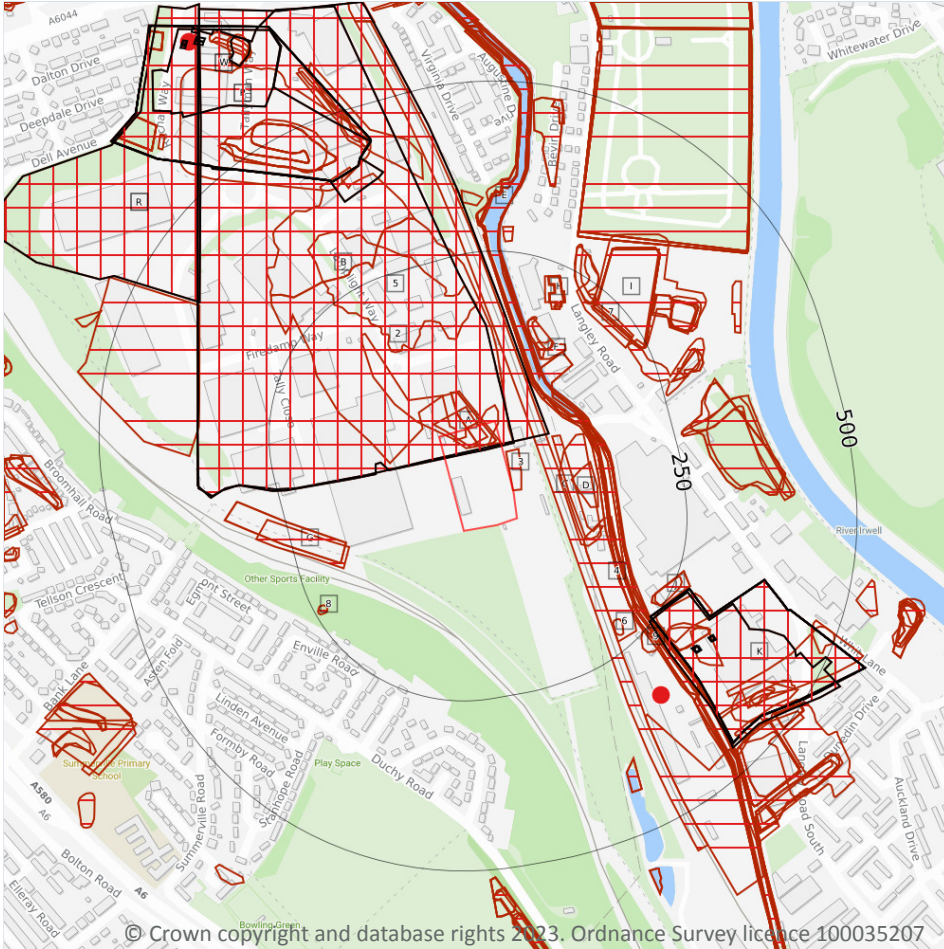
Contact us with any questions at:

info@groundsure.com ↗

01273 257 755

Date: 13 November 2023

18 Mining and ground workings



- Site Outline
- Search buffers in metres (m)
- BritPits
- Surface ground workings
- Underground workings
- Underground mining extents
- Historical mineral planning areas
- TCA non-coal mining
- Non Coal Mining
- Sporadic underground mining of restricted extent possible
- Localised small scale underground mining possible
- Small scale mining possible
- Underground mining known or likely within or in close proximity
- Underground mining known within or in very close proximity

18.1 BritPits

Records within 500m

1

BritPits (an abbreviation of British Pits) is a database maintained by the British Geological Survey of currently active and closed surface and underground mineral workings. Details of major mineral handling sites, such as wharfs and rail depots are also held in the database.

Features are displayed on the Mining and ground workings map on [page 128](#) >

| ID | Location | Details | Description |
|----|----------|---|---|
| 12 | 334m SE | Name: Agecroft Depot Address: Agecroft, SALFORD, Greater Manchester Commodity: Crushed Rock Status: Active | Type: A site where mineral commodities are unloaded from rail trucks and stored Status description: Site which is actively extracting mineral products, or in the case of wharfs and rail depots, is actively handing minerals |



This data is sourced from the British Geological Survey.

18.2 Surface ground workings

Records within 250m

58

Historical land uses identified from Ordnance Survey mapping that involved ground excavation at the surface. These features may or may not have been subsequently backfilled.

Features are displayed on the Mining and ground workings map on [page 128 >](#)

| ID | Location | Land Use | Year of mapping | Mapping scale |
|----|----------|-----------------------------|-----------------|---------------|
| 1 | On site | Unspecified Ground Workings | 1985 | 1:10000 |
| 2 | On site | Refuse Heaps | 1956 | 1:10560 |
| 3 | On site | Unspecified Heap | 1956 | 1:10560 |
| A | On site | Cuttings | 1977 | 1:10000 |
| A | On site | Unspecified Heap | 1977 | 1:10000 |
| A | On site | Unspecified Heap | 1968 | 1:10560 |
| B | On site | Colliery | 1985 | 1:10000 |
| B | On site | Colliery | 1977 | 1:10000 |
| C | 46m NE | Cuttings | 1851 | 1:10560 |
| D | 70m E | Refuse Heap | 1956 | 1:10560 |
| D | 76m NE | Refuse Heap | 1977 | 1:10000 |
| D | 76m NE | Canal | 1894 | 1:10560 |
| D | 76m NE | Canal | 1923 | 1:10560 |
| C | 78m NE | Old Coal Pit | 1851 | 1:10560 |
| D | 80m NE | Canal | 1938 | 1:10560 |
| D | 80m NE | Canal | 1931 | 1:10560 |
| D | 80m NE | Canal | 1916 | 1:10560 |
| D | 80m NE | Canal | 1906 | 1:10560 |
| E | 80m NE | Disused Canal | 1985 | 1:10000 |
| E | 80m NE | Disused Canal | 1977 | 1:10000 |
| E | 80m NE | Canal | 1968 | 1:10560 |
| E | 82m NE | Canal | 1956 | 1:10560 |



| ID | Location | Land Use | Year of mapping | Mapping scale |
|----|----------|-----------------------------|-----------------|---------------|
| D | 87m E | Unspecified Ground Workings | 1923 | 1:10560 |
| 4 | 104m SE | Colliery | 1851 | 1:10560 |
| F | 113m NE | Refuse Heap | 1956 | 1:10560 |
| F | 116m NE | Refuse Heap | 1938 | 1:10560 |
| F | 125m NE | Refuse Heap | 1931 | 1:10560 |
| 5 | 131m N | Water Body | 1931 | 1:10560 |
| G | 169m SW | Cuttings | 1968 | 1:10560 |
| G | 172m SW | Cuttings | 1985 | 1:10000 |
| G | 172m SW | Cuttings | 1977 | 1:10000 |
| H | 185m NE | Refuse Destructor | 1923 | 1:10560 |
| H | 188m NE | Refuse Destructor | 1931 | 1:10560 |
| H | 188m NE | Refuse Destructor | 1916 | 1:10560 |
| H | 190m NE | Refuse Destructor | 1938 | 1:10560 |
| 6 | 207m SE | Unspecified Heap | 1851 | 1:10560 |
| 7 | 210m NE | Cuttings | 1956 | 1:10560 |
| I | 219m NE | Pond | 1894 | 1:10560 |
| H | 220m NE | Refuse Heap | 1938 | 1:10560 |
| I | 222m NE | Reservoir | 1938 | 1:10560 |
| I | 222m NE | Reservoir | 1931 | 1:10560 |
| I | 222m NE | Reservoir | 1916 | 1:10560 |
| I | 222m NE | Reservoir | 1906 | 1:10560 |
| I | 222m NE | Reservoir | 1923 | 1:10560 |
| H | 223m NE | Refuse Heap | 1931 | 1:10560 |
| I | 224m NE | Ponds | 1851 | 1:10560 |
| 8 | 230m SW | Gravel Pit | 1851 | 1:10560 |
| J | 230m SE | Unspecified Heap | 1968 | 1:10560 |
| J | 230m SE | Unspecified Heap | 1956 | 1:10560 |
| J | 232m SE | Unspecified Heap | 1977 | 1:10000 |



| ID | Location | Land Use | Year of mapping | Mapping scale |
|----|----------|------------------|-----------------|---------------|
| K | 244m SE | Colliery | 1923 | 1:10560 |
| K | 244m SE | Colliery | 1938 | 1:10560 |
| K | 244m SE | Colliery | 1931 | 1:10560 |
| K | 244m SE | Colliery | 1916 | 1:10560 |
| K | 244m SE | Colliery | 1906 | 1:10560 |
| K | 247m SE | Colliery | 1894 | 1:10560 |
| 9 | 249m SE | Unspecified Heap | 1851 | 1:10560 |
| J | 249m SE | Refuse Heap | 1956 | 1:10560 |

This is data is sourced from Ordnance Survey/Groundsure.

18.3 Underground workings

Records within 1000m

25

Historical land uses identified from Ordnance Survey mapping that indicate the presence of underground workings e.g. mine shafts.

Features are displayed on the Mining and ground workings map on [page 128 >](#)

| ID | Location | Land Use | Year of mapping | Mapping scale |
|----------|----------------|------------------------|-----------------|----------------|
| B | On site | Colliery | 1985 | 1:10000 |
| B | On site | Colliery | 1977 | 1:10000 |
| K | 244m SE | Colliery | 1938 | 1:10560 |
| K | 244m SE | Colliery | 1931 | 1:10560 |
| K | 244m SE | Colliery | 1916 | 1:10560 |
| K | 244m SE | Colliery | 1906 | 1:10560 |
| K | 244m SE | Colliery | 1923 | 1:10560 |
| K | 247m SE | Colliery | 1889 | 1:10560 |
| J | 320m SE | Unspecified Old Shafts | 1923 | 1:10560 |
| J | 323m SE | Unspecified Old Shafts | 1916 | 1:10560 |
| J | 332m SE | Unspecified Old Shafts | 1923 | 1:10560 |
| J | 333m SE | Unspecified Old Shafts | 1916 | 1:10560 |



| ID | Location | Land Use | Year of mapping | Mapping scale |
|----|----------|--------------------|-----------------|---------------|
| P | 372m NW | Colliery | 1938 | 1:10560 |
| R | 404m NW | Colliery | 1988 | 1:10000 |
| P | 407m NW | Colliery | 1931 | 1:10560 |
| P | 407m NW | Colliery | 1916 | 1:10560 |
| P | 407m NW | Colliery | 1906 | 1:10560 |
| P | 407m NW | Colliery | 1923 | 1:10560 |
| W | 549m NW | Colliery | 1889 | 1:10560 |
| W | 619m NW | Colliery | 1916 | 1:10560 |
| W | 673m NW | Unspecified Shafts | 1931 | 1:10560 |
| W | 676m NW | Unspecified Shafts | 1938 | 1:10560 |
| W | 682m NW | Unspecified Shafts | 1931 | 1:10560 |
| W | 685m NW | Unspecified Shafts | 1938 | 1:10560 |
| W | 692m NW | Unspecified Shafts | 1938 | 1:10560 |

This data is sourced from Ordnance Survey/Groundsure.

18.4 Underground mining extents

Records within 500m

0

This data identifies underground mine workings that could present a potential risk, including adits and seam workings. These features have been identified from BGS Geological mapping and mine plans sourced from the BGS and various collections and sources.

This data is sourced from Groundsure.

18.5 Historical Mineral Planning Areas

Records within 500m

0

Boundaries of mineral planning permissions for England and Wales. This data was collated between the 1940s (and retrospectively to the 1930s) and the mid 1980s. The data includes permitted, withdrawn and refused permissions.

This data is sourced from the British Geological Survey.



18.6 Non-coal mining

Records within 1000m

0

The potential for historical non-coal mining to have affected an area. The assessment is drawn from expert knowledge and literature in addition to the digital geological map of Britain. Mineral commodities may be divided into seven general categories - vein minerals, chalk, oil shale, building stone, bedded ores, evaporites and 'other' commodities (including ball clay, jet, black marble, graphite and chert).

This data is sourced from the British Geological Survey.

18.7 JPB mining areas

Records on site

0

Areas which could be affected by former coal and other mining. This data includes some mine plans unavailable to the Coal Authority.

This data is sourced from Johnson Poole and Bloomer.

18.8 The Coal Authority non-coal mining

Records within 500m

0

This data provides an indication of the potential zone of influence of recorded underground non-coal mining workings. Any and all analysis and interpretation of Coal Authority Data in this report is made by Groundsure, and is in no way supported, endorsed or authorised by the Coal Authority. The use of the data is restricted to the terms and provisions contained in this report. Data reproduced in this report may be the copyright of the Coal Authority and permission should be sought from Groundsure prior to any re-use.

This data is sourced from The Coal Authority.

18.9 Researched mining

Records within 500m

0

This data indicates areas of potential mining identified from alternative or archival sources, including; BGS Geological paper maps, Lidar data, aerial photographs (from World War II onwards), archaeological data services, websites, Tithe maps, and various text/plans from collected books and reports. Some of this data is approximate and Groundsure have interpreted the resultant risk area and, where possible, specific areas of risk have been captured.

This data is sourced from Groundsure.



18.10 Mining record office plans

Records within 500m

0

This dataset is representative of Mining Record Office and/or plan extents held by Groundsure and should be considered approximate. Where possible, plans have been located and any specific areas of risk they depict have been captured.

This data is sourced from Groundsure.

18.11 BGS mine plans

Records within 500m

0

This dataset is representative of BGS mine plans held by Groundsure and should be considered approximate. Where possible, plans have been located and any specific areas of risk they depict have been captured.

This data is sourced from Groundsure.

18.12 Coal mining

Records on site

1

Areas which could be affected by past, current or future coal mining.

| Location | Details |
|----------|---|
| On site | The site is located within a coal mining area as defined by the Coal Authority. A Consultants Coal Mining Report is recommended to further assess coal mining issues at the site. This can be ordered directly through Groundsure or your preferred search provider. |

This data is sourced from the Coal Authority.

18.13 Brine areas

Records on site

0

The Cheshire Brine Compensation District indicates areas that may be affected by salt and brine extraction in Cheshire and where compensation would be available where damage from this mining has occurred. Damage from salt and brine mining can still occur outside this district, but no compensation will be available.

This data is sourced from the Cheshire Brine Subsidence Compensation Board.

18.14 Gypsum areas

Records on site

0

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.15 Tin mining

Records on site

0

Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

18.16 Clay mining

Records on site

0

Generalised areas that may be affected by kaolin and ball clay extraction.

This data is sourced from the Kaolin and Ball Clay Association (UK).



19 Ground cavities and sinkholes

19.1 Natural cavities

Records within 500m

0

Industry recognised national database of natural cavities. Sinkholes and caves are formed by the dissolution of soluble rock, such as chalk and limestone, gulls and fissures by cambering. Ground instability can result from movement of loose material contained within these cavities, often triggered by water.

This data is sourced from Stantec UK Ltd.

19.2 Mining cavities

Records within 1000m

0

Industry recognised national database of mining cavities. Degraded mines may result in hazardous subsidence (crown holes). Climatic conditions and water escape can also trigger subsidence over mine entrances and workings.

This data is sourced from Stantec UK Ltd.

19.3 Reported recent incidents

Records within 500m

0

This data identifies sinkhole information gathered from media reports and Groundsure's own records. This data goes back to 2014 and includes relative accuracy ratings for each event and links to the original data sources. The data is updated on a regular basis and should not be considered a comprehensive catalogue of all sinkhole events. The absence of data in this database does not mean a sinkhole definitely has not occurred during this time.

This data is sourced from Groundsure.

19.4 Historical incidents

Records within 500m

0

This dataset comprises an extract of 1:10,560, 1:10,000, 1:2,500 and 1:1,250 scale historical Ordnance Survey maps held by Groundsure, dating back to the 1840s. It shows shakeholes, deneholes and other 'holes' as noted on these maps. Dene holes are medieval chalk extraction pits, usually comprising a narrow shaft with a number of chambers at the base of the shaft. Shakeholes are an alternative name for suffusion sinkholes, most commonly found in the limestone landscapes of North Yorkshire but also extensively noted around the Brecon Beacons National Park.

Not all 'holes' noted on Ordnance Survey mapping will necessarily be present within this dataset.



This data is sourced from Groundsure.

19.5 National karst database

Records within 500m

0

This is a comprehensive database of national karst information gathered from a wide range of sources. BGS have collected data on five main types of karst feature: Sinkholes, stream links, caves, springs, and incidences of associated damage to buildings, roads, bridges and other engineered works.

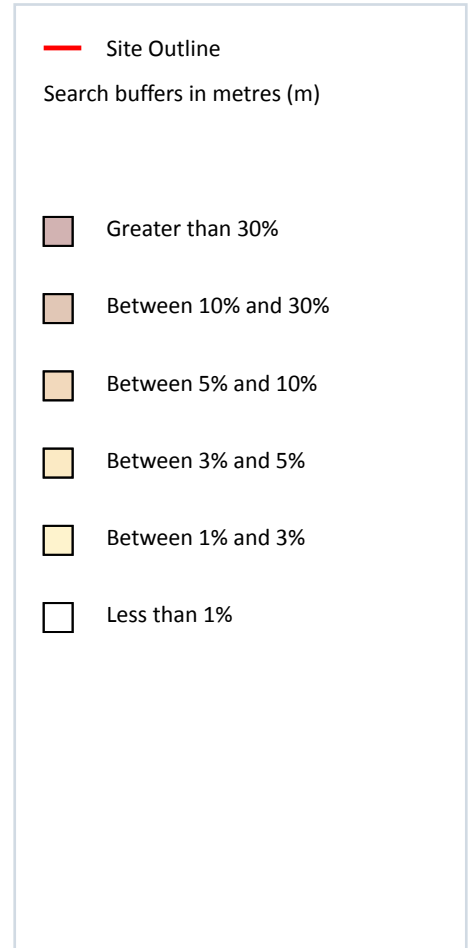
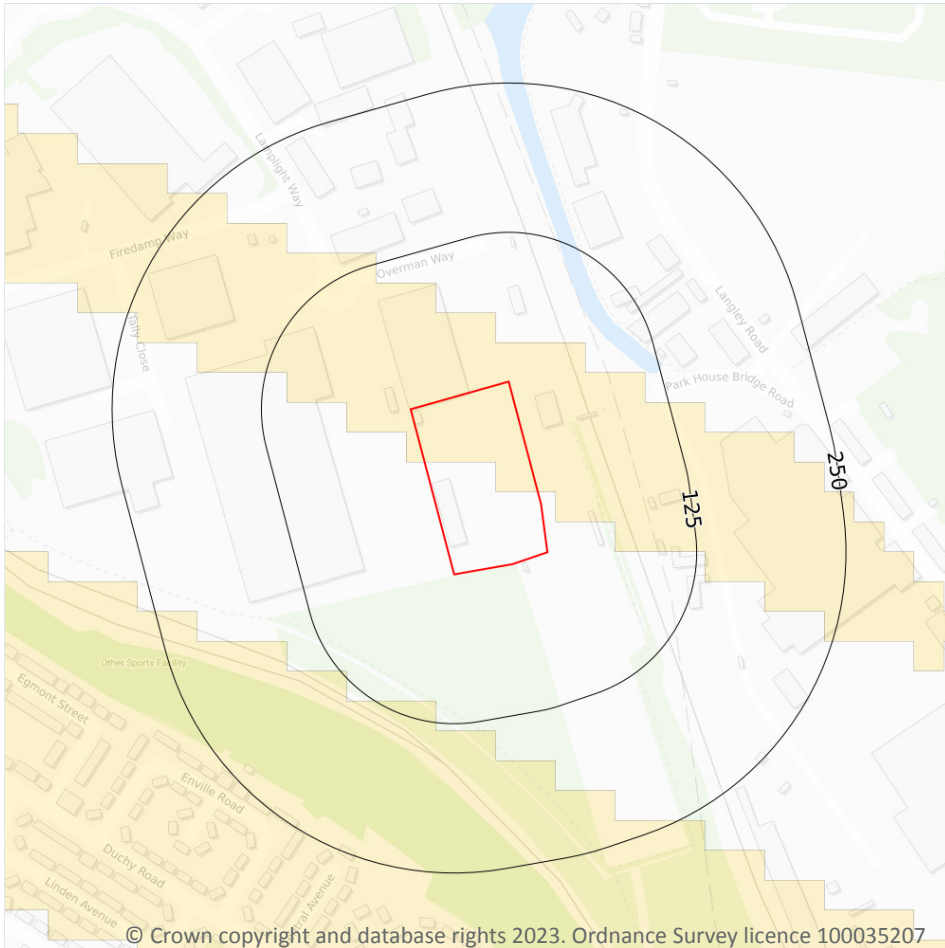
Since the database was set up in 2002 data covering most of the evaporite karst areas of the UK have now been added, along with data covering about 60% of the Chalk, and 35% of the Carboniferous Limestone outcrops. Many of the classic upland karst areas have yet to be included. Recorded so far are: Over 800 caves, 1300 stream sinks, 5600 springs, 10,000 sinkholes.

The database is not yet complete, and not all records have been verified. The absence of data does not mean that karst features are not present at a site. A reliability rating is included with each record.

This data is sourced from the British Geological Survey.



20 Radon



20.1 Radon

Records on site

2

The Radon Potential data classifies areas based on their likelihood of a property having a radon level at or above the Action Level in Great Britain. The dataset is intended for use at 1:50,000 scale and was derived from both geological assessments and indoor radon measurements (more than 560,000 records). A minimum 50m buffer should be considered when searching the maps, as the smallest detectable feature at this scale is 50m. The findings of this section should supersede any estimations derived from the Indicative Atlas of Radon in Great Britain (1:100,000 scale).

Features are displayed on the Radon map on [page 138 >](#)

| Location | Estimated properties affected | Radon Protection Measures required |
|----------|-------------------------------|------------------------------------|
| On site | Between 1% and 3% | None |

| Location | Estimated properties affected | Radon Protection Measures required |
|----------------|-------------------------------|------------------------------------|
| On site | Less than 1% | None |

This data is sourced from the British Geological Survey and UK Health Security Agency.



21 Soil chemistry

21.1 BGS Estimated Background Soil Chemistry

Records within 50m

9

The estimated values provide the likely background concentration of the potentially harmful elements Arsenic, Cadmium, Chromium, Lead and Nickel in topsoil. The values are estimated primarily from rural topsoil data collected at a sample density of approximately 1 per 2 km². In areas where rural soil samples are not available, estimation is based on stream sediment data collected from small streams at a sampling density of 1 per 2.5 km²; this is the case for most of Scotland, Wales and southern England. The stream sediment data are converted to soil-equivalent concentrations prior to the estimation.

| Location | Arsenic | Bioaccessible Arsenic | Lead | Bioaccessible Lead | Cadmium | Chromium | Nickel |
|----------|---------------|-----------------------|-----------|--------------------|-----------|---------------|---------------|
| On site | 25 - 35 mg/kg | No data | 100 mg/kg | 60 mg/kg | 1.8 mg/kg | 60 - 90 mg/kg | 30 - 45 mg/kg |
| On site | 25 - 35 mg/kg | No data | 100 mg/kg | 60 mg/kg | 1.8 mg/kg | 40 - 60 mg/kg | 15 - 30 mg/kg |
| 4m N | 25 - 35 mg/kg | No data | 100 mg/kg | 60 mg/kg | 1.8 mg/kg | 60 - 90 mg/kg | 30 - 45 mg/kg |
| 32m SE | 25 - 35 mg/kg | No data | 100 mg/kg | 60 mg/kg | 1.8 mg/kg | 60 - 90 mg/kg | 30 - 45 mg/kg |
| 33m N | 25 - 35 mg/kg | No data | 100 mg/kg | 60 mg/kg | 1.8 mg/kg | 60 - 90 mg/kg | 30 - 45 mg/kg |
| 33m N | 25 - 35 mg/kg | No data | 100 mg/kg | 60 mg/kg | 1.8 mg/kg | 60 - 90 mg/kg | 30 - 45 mg/kg |
| 38m E | 25 - 35 mg/kg | No data | 100 mg/kg | 60 mg/kg | 1.8 mg/kg | 40 - 60 mg/kg | 15 - 30 mg/kg |
| 49m N | 25 - 35 mg/kg | No data | 100 mg/kg | 60 mg/kg | 1.8 mg/kg | 40 - 60 mg/kg | 15 - 30 mg/kg |
| 49m N | 25 - 35 mg/kg | No data | 100 mg/kg | 60 mg/kg | 1.8 mg/kg | 40 - 60 mg/kg | 15 - 30 mg/kg |

This data is sourced from the British Geological Survey.



21.2 BGS Estimated Urban Soil Chemistry

Records within 50m

0

Estimated topsoil chemistry of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc and bioaccessible Arsenic and Lead in 23 urban centres across Great Britain. These estimates are derived from interpolation of the measured urban topsoil data referred to above and provide information across each city between the measured sample locations (4 per km²).

This data is sourced from the British Geological Survey.

21.3 BGS Measured Urban Soil Chemistry

Records within 50m

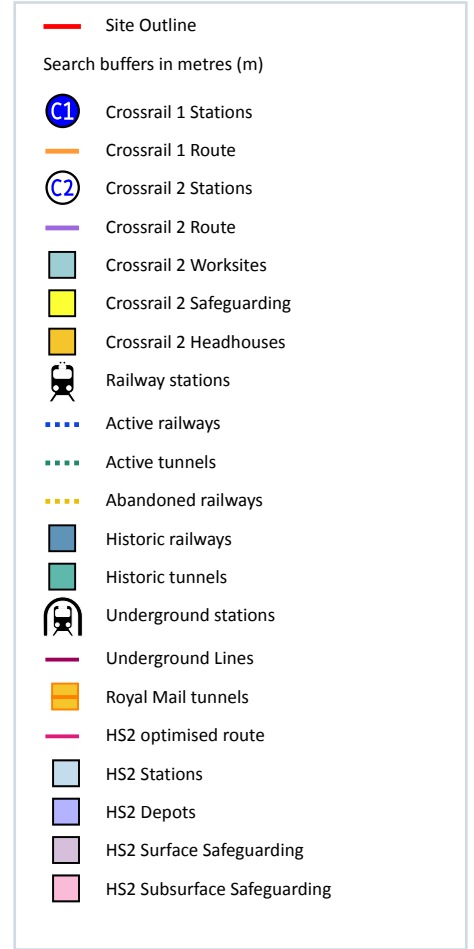
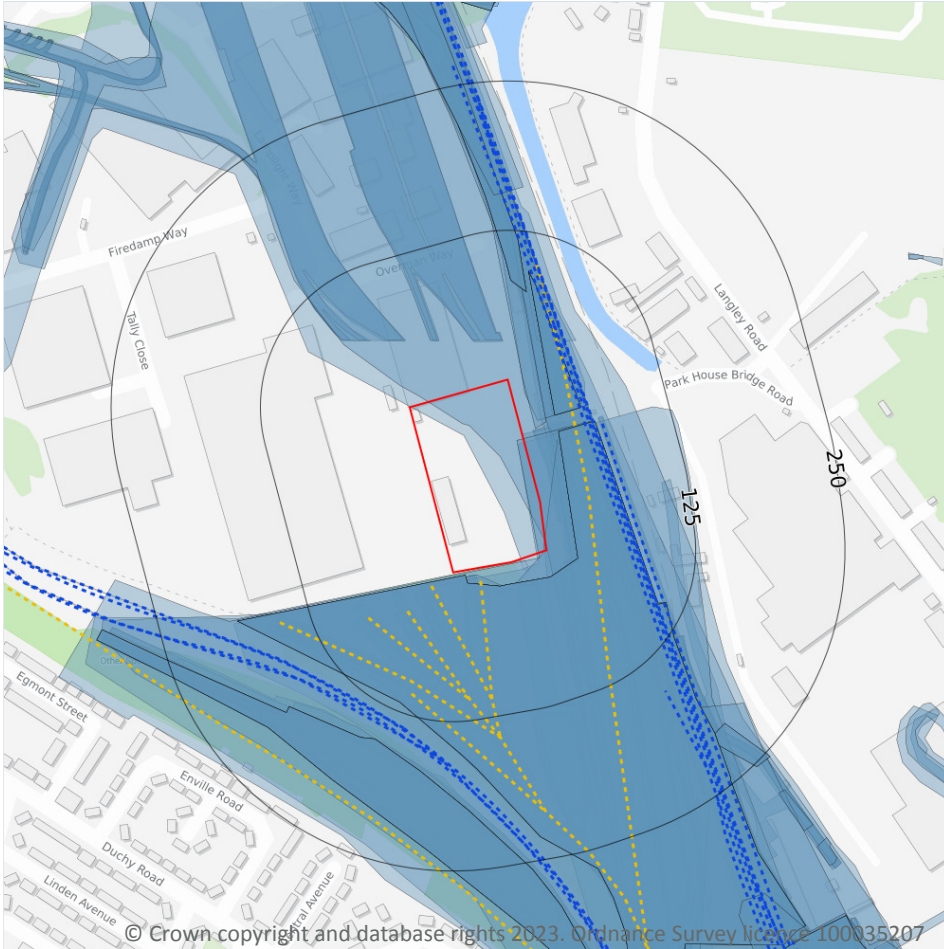
0

The locations and measured total concentrations (mg/kg) of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc in urban topsoil samples from 23 urban centres across Great Britain. These are collected at a sample density of 4 per km².

This data is sourced from the British Geological Survey.



22 Railway infrastructure and projects



22.1 Underground railways (London)

Records within 250m

0

Details of all active London Underground lines, including approximate tunnel roof depth and operational hours.

This data is sourced from publicly available information by Groundsure.

22.2 Underground railways (Non-London)

Records within 250m

0

Details of the Merseyrail system, the Tyne and Wear Metro and the Glasgow Subway. Not all parts of all systems are located underground. The data contains location information only and does not include a depth assessment.



This data is sourced from publicly available information by Groundsure.

22.3 Railway tunnels

Records within 250m

0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

22.4 Historical railway and tunnel features

Records within 250m

57

Railways and tunnels digitised from historical Ordnance Survey mapping as scales of 1:1,250, 1:2,500, 1:10,000 and 1:10,560.

Features are displayed on the Railway infrastructure and projects map on [page 142 >](#)

| Location | Land Use | Year of mapping | Mapping scale |
|----------|-----------------|-----------------|---------------|
| On site | Railway Sidings | 1894 | 10560 |
| On site | Railway Sidings | 1985 | 10000 |
| On site | Railway Sidings | 1968 | 10560 |
| On site | Railway Sidings | 1977 | 10000 |
| On site | Railway Sidings | 1956 | 10560 |
| On site | Railway Sidings | 1923 | 10560 |
| 4m S | Railway Sidings | 1938 | 10560 |
| 4m S | Railway Sidings | 1931 | 10560 |
| 4m S | Railway Sidings | 1916 | 10560 |
| 4m S | Railway Sidings | 1906 | 10560 |
| 5m S | Railway Sidings | 1952 | 1250 |
| 6m S | Railway Sidings | 1952 | 2500 |
| 9m NE | Railway Sidings | 1984 | 1250 |
| 10m NE | Railway Sidings | 1992 | 1250 |
| 11m NE | Railway Sidings | 1923 | 10560 |
| 11m S | Railway Sidings | 1893 | 2500 |
| 11m S | Railway Sidings | 1908 | 2500 |



| Location | Land Use | Year of mapping | Mapping scale |
|----------|-------------------------|-----------------|---------------|
| 12m NE | Railway Sidings | 1894 | 10560 |
| 14m S | Railway Sidings | 1922 | 2500 |
| 14m S | Railway Sidings | 1933 | 2500 |
| 18m SE | Railway Sidings | 1952 | 1250 |
| 21m S | Railway Sidings | 1952 | 1250 |
| 29m NE | Railway Sidings | 1992 | 1250 |
| 31m NE | Railway Sidings | 1938 | 10560 |
| 31m NE | Railway Sidings | 1931 | 10560 |
| 31m NE | Railway Sidings | 1916 | 10560 |
| 31m NE | Railway Sidings | 1906 | 10560 |
| 32m N | Railway Sidings | 1963 | 1250 |
| 33m E | Railway Sidings | 1952 | 1250 |
| 33m N | Railway Sidings | 1965 | 2500 |
| 34m N | Railway Sidings | 1963 | 1250 |
| 46m SE | Railway Sidings | 1952 | 1250 |
| 46m SE | Railway Sidings | 1965 | 1250 |
| 48m NE | Railway Sidings | 1992 | 1250 |
| 50m SE | Railway Sidings | 1982 | 1250 |
| 50m SE | Railway Sidings | 1992 | 1250 |
| 62m SE | Disused Railway Sidings | 1992 | 1250 |
| 63m SE | Railway Sidings | 1982 | 1250 |
| 65m NE | Railway Sidings | 1982 | 1250 |
| 66m NE | Railway Sidings | 1992 | 1250 |
| 70m SE | Railway Sidings | 1952 | 1250 |
| 70m SE | Railway Sidings | 1965 | 1250 |
| 75m N | Railway Sidings | 1916 | 10560 |
| 75m N | Railway Sidings | 1906 | 10560 |
| 75m N | Tramway Sidings | 1938 | 10560 |



| Location | Land Use | Year of mapping | Mapping scale |
|----------|-----------------|-----------------|---------------|
| 75m N | Tramway Sidings | 1931 | 10560 |
| 130m SE | Railway Sidings | 1952 | 2500 |
| 131m SE | Railway Sidings | 1952 | 1250 |
| 131m SE | Railway Sidings | 1965 | 1250 |
| 153m SW | Railway Sidings | 1952 | 1250 |
| 154m S | Railway Sidings | 1938 | 10560 |
| 154m S | Railway Sidings | 1931 | 10560 |
| 154m S | Railway Sidings | 1916 | 10560 |
| 154m S | Railway Sidings | 1906 | 10560 |
| 155m N | Railway Sidings | 1985 | 10000 |
| 208m SE | Railway Sidings | 1916 | 10560 |
| 208m SE | Railway Sidings | 1906 | 10560 |

This data is sourced from Ordnance Survey/Groundsure.

22.5 Royal Mail tunnels

Records within 250m

0

The Post Office Railway, otherwise known as the Mail Rail, is an underground railway running through Central London from Paddington Head District Sorting Office to Whitechapel Eastern Head Sorting Office. The line is 10.5km long. The data includes details of the full extent of the tunnels, the depth of the tunnel, and the depth to track level.

This data is sourced from Groundsure/the Postal Museum.

22.6 Historical railways

Records within 250m

8

Former railway lines, including dismantled lines, abandoned lines, disused lines, historic railways and razed lines.

Features are displayed on the Railway infrastructure and projects map on [page 142 >](#)

| Location | Description |
|----------|-------------|
| 11m S | Abandoned |



| Location | Description |
|----------|-------------|
| 21m SW | Abandoned |
| 40m SE | Abandoned |
| 50m SW | Abandoned |
| 74m SW | Abandoned |
| 97m S | Abandoned |
| 107m S | Abandoned |
| 210m SW | Abandoned |

This data is sourced from OpenStreetMap.

22.7 Railways

Records within 250m

20

Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways. Features are displayed on the Railway infrastructure and projects map on [page 142 >](#)

| Location | Name | Type |
|----------|---|--------------|
| 49m NE | | rail |
| 49m NE | | rail |
| 52m NE | Manchester to Preston Line | rail |
| 55m NE | Not given | Multi Track |
| 56m NE | Not given | Multi Track |
| 56m NE | Manchester to Preston Line | rail |
| 58m NE | Not given | Multi Track |
| 60m NE | Manchester to Preston Line | rail |
| 67m NE | Pendleton Brindle Heath Aggregate Sidings | rail |
| 133m SW | Manchester to Southport Line | rail |
| 134m SW | Not given | Single Track |
| 137m S | Not given | Single Track |
| 137m N | Not given | Multi Track |
| 138m SW | Manchester to Southport Line | rail |



| Location | Name | Type |
|----------|-----------|--------------|
| 141m SW | Not given | Single Track |
| 143m SE | Not given | Multi Track |
| 154m SE | | rail |
| 159m S | Not given | Multi Track |
| 190m N | | rail |
| 250m SE | | rail |

This data is sourced from Ordnance Survey and OpenStreetMap.

22.8 Crossrail 1

Records within 500m

0

The Crossrail railway project links 41 stations over 100 kilometres from Reading and Heathrow in the west, through underground sections in central London, to Shenfield and Abbey Wood in the east.

This data is sourced from publicly available information by Groundsure.

22.9 Crossrail 2

Records within 500m

0

Crossrail 2 is a proposed railway linking the national rail networks in Surrey and Hertfordshire via an underground tunnel through London.

This data is sourced from publicly available information by Groundsure.

22.10 HS2

Records within 500m

0

HS2 is a proposed high speed rail network running from London to Manchester and Leeds via Birmingham. Main civils construction on Phase 1 (London to Birmingham) of the project began in 2019, and it is currently anticipated that this phase will be fully operational by 2026. Construction on Phase 2a (Birmingham to Crewe) is anticipated to commence in 2021, with the service fully operational by 2027. Construction on Phase 2b (Crewe to Manchester and Birmingham to Leeds) is scheduled to begin in 2023 and be operational by 2033.

This data is sourced from HS2 Ltd.



Data providers

Groundsure works with respected data providers to bring you the most relevant and accurate information. To find out who they are and their areas of expertise see <https://www.groundsure.com/sources-reference> ↗.

Terms and conditions

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