

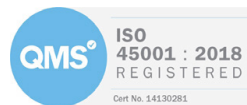
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# PHASE 1 ENVIRONMENTAL DESK STUDY REPORT

job number	C4013/23/E/6099	date	08.01.2024
site address	Colne Vale Industrial Estate, Colne Vale Road, Milnsbridge, Huddersfield, West Yorkshire, HD3 4NY		
written by	J. Finch	checked by	S. Alexander
issued by	S. Hale		

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## Report on a Phase One Desk Study

Location:	<b>Colne Vale Industrial Estate</b> Colne Vale Road, Milnsbridge, Huddersfield, West Yorkshire, HD3 4NY	
For:	Colne Vale Contractors Limited	
Consultants:	Bamford Architectural Ltd	
Report No.	C4013/23/E/6099	Report date: January 2024

For and on behalf of **Rogers Geotechnical Services Ltd**

<b>James Finch</b> BSc FGS Graduate Engineer	<b>Scott Alexander</b> BSc FGS Senior Geo-environmental Engineer
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### 1. Introduction

The site comprises an area of brownfield land located on the Colne Vale Industrial Estate, Colne Vale Road, Milnsbridge, Huddersfield, West Yorkshire, HD3 4NY. The development site is approximately 0.10 hectares in size, please refer to the site plan in Appendix 1 for the site location. Please note the data in Appendix 2 and 3 is for the entirety of the client's land ownership. The National Grid reference of the site is centred around 411130 415793.

It is understood that the development proposals currently comprise the construction of 3no. new industrial units with associated car parking spaces. In order to assist with this decision-making process, and any planning and construction aspects of the development, a phase one environmental desk study has been commissioned and is the subject of this report.

In accordance with issued guidance, a site walkover was conducted on the 21<sup>st</sup> December 2023 and the following observations were made:

#### **General site description/current site use**

The site comprises a storage yard which houses various heavy plant, vehicles various chemical IBCs, generally inert household, commercial, and industrial waste of construction and demolition rubble.

#### **Site boundaries/access**

Site access can be gained via Colne Vale Road, Milnsbridge, Huddersfield, West Yorkshire, HD3 4NY. The site is generally bounded by a metal security fence and access to the yard is controlled via a gate. The north of the site is not enclosed with uncontrolled access to the river from the yard.

#### **Topography**

The site is of generally level topography across the entire area.

**Surface cover of site**

Concrete covers the surface area of the entire site.

**Visible evidence of contamination/ contaminative sources**

A number of chemical drums and IBCs were noted in the yard. These containers were labelled stating they contained AdBlue and Methyl methacrylate. There were no visible signs of leakage from the containers present during the time of the walkover. Household, commercial, and industrial waste generally comprising construction and demolition rubble was present all across the site. Discarded tyres were observed in various locations across the site. Two concrete bins with discarded topsoil and asphalt were observed in the north-east corner of the site.

**Presence of vegetation and wildlife**

There were no obvious signs of invasive flora, fauna, nesting birds, burrowing animals or edible plants observed during the time of the site walkover.

**Services**

The status of underground services is unknown. There were no overhead services present within the site at the time of the walkover.

**Site neighbours**

The site is located within the Colne Vale Industrial Estate and is neighboured to the west south and east by warehouses and to the north by the River Colne.

In order to ensure that the site is fully characterised and to comply with the Environment Act 1995<sup>1</sup>, a Phase One Desk Study has been commissioned by Bamford Architectural Ltd on behalf of the client. The desk study is intended to assess the environmental impact of historical, current and future factors on the development. This report will present the data obtained and provide a conceptual ground model and preliminary risk assessment as well as discussing the scope of any intrusive investigation that may be required. This report does not consider ecological impacts (e.g. bats) or botanical risks (e.g. Japanese Knotweed).

## 2. Review and Summary of Published Data

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As a part of this desk study the following data has been considered.

- Site Plan - Appendix 1
- Historical maps - Appendix 2
- Groundsure Reports - Appendix 3
- Photographs - Appendix 4

The data obtained from the above-mentioned sources has been summarised below<sup>2</sup>.

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<sup>1</sup>S57 of the Environment Act 1995 inserted the contaminated land regime into the Environmental Protection Act 1990 (Part 2A). The regime 'provides a risk-based approach to the identification and remediation of land where contamination poses an unacceptable risk to human health or the environment' See <http://www.environment-agency.gov.uk/research/planning/40405.aspx>. This places a duty on local authorities to inspect their areas for contaminated land and require its remediation using the 'suitable for use' approach. Much of this duty is discharged via the planning regime under the Town and Country Planning Act 1990 as historical land contamination is a 'material planning consideration.' The local authorities are required to secure the removal of unacceptable risks via remediation of the land, to therefore ensure the site is suitable for its new use. This is fulfilled via completion of a Phase One Environmental Desk Study, Phase Two Intrusive Investigation, Phase Three Remediation Strategy and Phase Four Validation Report. Therefore, as a minimum, once a site has been developed it should not be capable of being designated as 'contaminated land' under Part 2A of the Environmental Protection Act 1990, as inserted by the Environment Act 1995 (see also PPS 23 Planning and Pollution Control Section 8)

<sup>2</sup> This report is a summary only and reference must be made in full to the information provided in the Groundsure Report.

2.1 Historical Land Use

Table 1: Historical Land Use <sup>3</sup>		
HISTORICAL MAPPING SUMMARY		
Map Dates	On site	Within 250m
1854	The site is shown to be on an area of undeveloped land located between two rivers.	River Colne – Adjacent N Huddersfield Narrow Canal – 20m S Railway lines – 150m N
1890 – 1893	Milnsbridge Bottom Chemical Works is now present on site. The remaining area of the site appears to be a yard for the Chemical Works.	Colne Vale Mill – 20m E Old Quarries – 20m N & 40m N Chimneys – 40 m W, 50m W, 55m W Pond – 50m S Tanks – 70m E Britannia Mills – 75m W Milnsbridge Middle Chemical Works – 75m E Worked Ground - 90m N The Mount Quarry – 110m S Colne Vale Dye Works – 150m E Goods Shed and associated railway – 180m N Milnsbridge Top Chemical Works – 220m NE Woollen Mill – 225m W
1905 – 1907	The site remains unchanged.	The Mount Quarry has now been infilled and structures built over the top. Multiple old quarries located 20m N & 40m N are no longer labelled but still appear on the maps. The Woollen Mill located 225m W has been labelled as 'Scarbottom Mills'. Filter Tanks – 25m NE Tanks – 25m SW, 90m SW, 180m NE & 240m NE Worked ground built over – 90m N
1918	The site remains unchanged.	Milnsbridge Top Chemical Works has been relabelled as 'Spring Gate Dye Works'. Multiple chimneys are now labelled – 20m E, 30m W, 80m E, 100m E, 150m W, 180m SW, 180m NE, 190m NE & 245m NE
1930 – 1956	Milnsbridge Bottom Chemical Works has been relabelled as 'Colne Vale Dye & Chemical Works'.	Spring Gate Dye Works no longer appears. The Milnsbridge Bottom Dye & Chemical Works now appear to encapsulate buildings located 70m SW. Spring Gate Works – 230m NE
1960 – 1969	The site remains unchanged.	Colne Vale Mill is now labelled as a 'Warehouse'. All other Mills and Works are no longer named but still appear. Pond no longer shown – 50m S. Premier Service Station – 90m SW Works – 170m SW
1975 – 1978	The site remains unchanged.	Works located 75m E. Goods Shed located 180m N and associated railway no longer appears.
1982 – 1985	Electrical Sub Station is now present to the SW side of the site.	Mills located 75m W and 225m W no longer appear. Multiple Electrical Sub Stations – 105m SE & 180m NE
1990 – 1993	The site remains unchanged.	Works – 180m N
2001 – 2023	The site remains unchanged.	The surrounding land use remains largely unchanged.

NB. All distances given are approximate only.

<sup>3</sup> See Appendix 3

## 2.2 Published Geology and Geological Hazards

<b>Table 2: Geological Data for the Site</b>			
<b>BGS MAPPING DATA</b>			
<b>Strata Type</b>	<b>Strata Name<sup>4</sup></b>	<b>Previous Name<sup>4</sup></b>	<b>Description<sup>5</sup></b>
Made Ground/Fill	N/A	N/A	Not indicated on site although previous construction may have resulted in the presence of made ground.
Superficial Geology	Alluvium	N/A	Normally soft to firm, consolidated, compressible silty clay, but can contain layers of silt, sand, peat and basal gravel. A stronger, desiccated surface zone may be present.
Solid Geology	Millstone Grit Group	Shale Group	The Millstone Grit Group comprises broadly upward-coarsening cyclic sequences of sandstone, siltstone and grey mudstone, with subordinate and typically thin coal seams and seat earth horizons.
<b>GEOLOGICAL FEATURES</b>			
<b>Type</b>	<b>Location</b>	<b>Features</b>	<b>Comments</b>
Mining Activity	On site	Coal mining	The study site is not located within the specified search distance of an identified mining area.
		Non-coal Mining	Underground mine workings are uncommon, although the geology is similar to that worked elsewhere. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.
Faults	Within 250m	-	-
Landslip Deposits	Within 250m	-	-
<b>BGS BOREHOLE DATA</b>			
<b>Reference<sup>6</sup></b>	<b>Location</b>	<b>Strata Description</b>	<b>Depth</b>
SE11NW266	270m E	TARMAC	0.20m
		MADE GROUND (Dark brown clayey SAND)	0.90m
		Brown very clayey SAND	1.10m
		MADE GROUND (Medium dense light brown SANDSTONE)	1.80m
		MADE GROUND (Dark brown clayey SAND)	2.70m
		Light brown SANDSTONE	3.90m
SE11NW265	280m E	TARMAC	0.12m
		Sandstone flags	0.20m
		MADE GROUND (Dark brown clayey SAND)	0.70m
		MADE GROUND (Dark brown very loose slightly clayey SAND)	4.00m

<sup>4</sup> Sources: British Geological Survey (NERC) Map Sheets 77; Huddersfield; Solid and Drift Edition, and Geology of Britain Viewer [online resource from [www.bgs.ac.uk](http://www.bgs.ac.uk)]

<sup>5</sup> Sources: British Geological Survey (NERC) Lexicon of Named Rock Units [online resource from [www.bgs.ac.uk](http://www.bgs.ac.uk)]

<sup>6</sup> <http://www.bgs.ac.uk/discoveringGeology/geologyOfBritain/viewer.html>

		MADE GROUND (Soft light brown sandy CLAY)	4.40m
		Very soft dark grey sandy SILT	5.30m
NATURAL GROUND SUBSIDENCE & HAZARDS <sup>7</sup>			
Type		Risk Rating	
Potential for shrinking or swelling clay ground stability		Very Low.	
Potential for running sand ground stability		Low.	
Potential for compressible ground stability		Moderate.	
Potential for collapsible ground stability hazards		Very Low.	
Potential for landslide ground stability		Moderate.	
Potential for ground dissolution stability		Negligible.	
Radon		The property is in a Radon Affected Area, as between 3 and 5% of properties are above the Action Level. Basic radon <sup>8</sup> protective measures are necessary in the construction of new dwellings or extensions.	

## 2.3 Construction Issues

### 2.3.1 Foundation Construction

On the basis of the prevailing geology and assuming that there are no areas of significantly filled ground, it is anticipated that shallow strip or spread foundations could be utilised at this site. It should be appreciated that an intrusive investigation will be required to validate this opinion. Moreover, it is possible that undifferentiated strata within the Millstone Grit Group may include very fine-grained rocks which are likely to have weathered to cohesive soils at or near the surface. Such soils could be sensitive to soil moisture variations and thus be susceptible to desiccation as result of tree root action. In light of this, it is possible that footings within the zone of influence of trees (existing or previously removed), may need to be founded at extended depths in excess of 1m.

### 2.3.2 Site Won Materials

Where sandstone outcrops, it is possible that the resulting soil may provide a suitable bulk granular fill and may prove suitable for re-compaction.

Should any residual mudstone be encountered at shallow depth over much of the site, this material is likely to be relatively difficult to re-engineer as a construction material. Therefore, depending on the results of laboratory testing, it may be possible to modify/stabilise the soil using lime and/or cement to form a suitable sub-base replacement for pavements and hard standings.

<sup>7</sup> See Groundsure report

<sup>8</sup> In outline, 'basic' radon protective measures involve the fitting of a gas tight ground barrier to protect against radon ingress. This should cover the whole building foot print and be lapped to the damp proof course in the walls and sealed around service penetrations. In addition, the membrane should also act as a damp-proof barrier. 'Full' radon protective measures requires the radon-proof ground barrier, together with a sump in the foundation, ready to take a fan if high levels of radon are detected after occupancy.

### 2.3.3 Disposal of Site Materials

If made ground is present, then contamination/WAC testing will be required to establish the nature of the underlying soil before disposal to a licensed landfill site.

## 2.4 Mining and Natural Cavities

### 2.4.1 Coal Mining

The Groundsure Report states that the site is not within an area that is likely to be affected by coal mining. The site is therefore considered stable with regards to coal mining.

### 2.4.2 Non-Coal Mining

Localised small-scale underground mining may have occurred. Potential for difficult ground conditions are unlikely or localised and are at a level where they need not be considered.

## 2.5 Waste Management and Gas Monitoring

<b>Table 3: Landfill Data and Artificial Ground, Recorded and Anticipated</b>			
<b>ENVIRONMENT AGENCY, LOCAL AUTHORITY, BGS &amp; HISTORIC LANDFILLS</b>			
<b>Waste Type</b>	<b>Location</b>	<b>Comments</b>	<b>Monitoring Requirement</b>
Active Landfill	Within 250m	None recorded within 250m	-
Historic Landfill	66m SW	Waste Type: Inert, Industrial, Liquid sludge	Y
Historic waste sites	On site	Type: Waste Transfer Station (Conversion)	Y
	177m N	Type: Industrial/Waste Transfer	Y
Licenced waste sites	13m W & 34m SW	Type: Metal Recycling Site	N
	134m W	Type: Material Recycling Treatment Facility	Y
	191m N	Type: Household, Commercial & Industrial Waste Transfer Station	N
	200m W	Type: 75kte Vehicle Depollution Facility	N
Waste Exemptions	On site, 35m SW, 50m W, 137m SE, 162m NE & 171m SE	Storing and Treating Waste Exemptions	Y
<b>MADE GROUND &amp; INFILLED GROUNDWORKINGS</b>			
<b>Description</b>	<b>Location</b>	<b>Comments</b>	<b>Monitoring Requirement</b>
	20m N & 40m N	Old Quarries (1890 – 1893)	Y
	65m S	Made Ground (Undivided)	Y
	90m N	Worked Ground	Y

	110m S	The Mount Quarry (1890 – 1893)	Y
	134m N	Made Ground (Undivided)	Y
	110m N	Railway Sidings	Y
	162m NE	Made Ground (Undivided)	Y
	205m NW	Made Ground (Undivided)	Y
	223m SW	Worked Ground (Undivided)	Y
	235m N	Made Ground (Undivided)	Y

2.6 Hydrogeology, Hydrology

Table 4: Ground/Controlled Water Sensitivity and Flooding			
ENVIRONMENT AGENCY AQUIFER DESIGNATION <sup>9</sup>			
Strata	Designation	Description	
Superficial Geology 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.	
Solid Geology 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.	
GROUNDWATER SENSITIVITY <sup>10</sup>			
Description	Location	Details	
Source Protection Zone	-	None recorded within 250m.	
Abstraction Licences	-	None recorded within 250m.	
Records of Part A(2) and Part B Activities and Enforcements	-	None recorded within 250m.	
Records of Licensed Discharge Consents	-	None recorded within 250m.	
High Soil Leaching Potential	On Site	The soil in urban areas can be highly permeable.	
CONTROLLED WATERS <sup>11</sup>			
Description	Location	Details	
River Network Entries	4m N, 12m S	River Colne	
Surface Water Features	Within 250m	1 surface water record present within 250m. Unknown type.	
POLLUTION INCIDENTS <sup>12</sup>			
Pollutant	Receptor	Location	Date
Atmospheric Pollutants and Effects	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)	38m SW	12/09/2003

<sup>9</sup> See Appendix 2

<sup>10</sup> See Appendix 2

<sup>11</sup> See Appendix 2

<sup>12</sup> See Appendix 2

Atmospheric Pollutants and Effects	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 2 (Significant)	50m W	12/05/2009
Atmospheric Pollutants and Effects	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 2 (Significant)	50m W	25/06/2009
Atmospheric Pollutants and Effects	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)	68m W	10/01/2022
Atmospheric Pollutants and Effects	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)	154m NE	17/04/2003
Atmospheric Pollutants and Effects	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)	198m N	02/10/2003
Specific Waste Materials	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)	226m W	04/11/2008
<b>ENVIRONMENT AGENCY FLOOD RISK<sup>13</sup></b>			
<b>Description</b>	<b>Location</b>	<b>Details</b>	
Zone 2	0m E	The site is adjacent to a Zone 2 Flood Plain (Fluvial/Tidal Model)	
Zone 3	0m N	The Site is adjacent to a Zone 3 Flood Plain (Fluvial Model)	
Flood Defences	-	None recorded within 250m.	
Groundwater Flooding Area	-	Low potential for groundwater flooding to occur.	

## 2.7 Sensitive Land Use

<b>Table 5: Sensitive Land Uses within 250m</b>		
<b>REGISTERED SENSITIVE LAND USES<sup>14</sup></b>		
<b>Description</b>	<b>Location</b>	<b>Details</b>
Nitrate Vulnerable Zone	-	None recorded within 250m.
Green Belt Land	6m S	South and West Yorkshire
SSSI	On site	Infrastructure - Airports, helipads and other aviation proposals. Minerals, Oil and Gas - Oil & gas exploration/extraction. Air pollution - Livestock & poultry units with floorspace > 500m <sup>2</sup> , slurry lagoons & digestate stores > 4000m <sup>2</sup> . 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.

## 2.8 Industrial Land Use and Potential Sources of Contamination

In order for a conceptual site model and preliminary risk assessment to be completed the historical maps and Groundsure data requires analysis to identify any past or present activities on the site and in the area that may have the potential to cause contamination on the site. Guidance has been issued by the Environment Agency, NHBC and Chartered Institute of Environmental Health.<sup>15</sup> Within this document, annex 3 provides examples of important contaminants that are associated with individual uses of land. This data assists in the formulation of any chemical testing regime.

<sup>13</sup> See Appendix 2

<sup>14</sup> See Appendix 2

<sup>15</sup> Guidance for the Safe Development of Housing on Land Affected by Contamination, R&D Publication 66: 2008 Volume 1 and 2.

Those that we consider potentially contaminative according to the guidance are given below:

<b>Table 6: Potentially Contaminative Sources</b>		
<b>HISTORICAL</b>		
<b>Land Use</b>	<b>Location</b>	<b>Classification</b>
Chemical/Dye Works	On site 75m E 150m E 220m NE	Chemical Works/Dye Works
Unspecified Mills, Works, Industrial	Onsite 39m NE 47m NW 74m W 150m E 173m W 194m W 207m NE 231m NE	Unspecified works/factories/features.
Electricity Substations	On site 102m S 104m S 168m E 169m E 172m SW 238m NW	
Garages	84m S 181m NE	Road vehicle fuelling, service and repair: garages and filling stations
Service Station	87m S	
<b>CURRENT</b>		
<b>Land Use</b>	<b>Location</b>	<b>Classification</b>
Chemical/Dye Works	On site	Chemical Works/Dye Works
Electricity Sub-station	2m SW 56m E 109m S 128m N 177m SW 178m E 248m NW	Unspecified works/factories/features.
Works	29m E 180m S	
Lynda's Transport	165m N	Road vehicle fuelling, service and repair: garages and filling stations.
Fitzpatrick Fuels	183m N	
Arches Car Repairs & Tyre Disposals	187m NE	
Merlin Motors	249m NE	
<b>TANKS (Buried and Above Ground)</b>		
<b>Land Use</b>	<b>Location</b>	<b>Classification</b>
Storage Tanks	5m W 26m W 71m E 133m W	Road vehicle servicing and repair: garages and filling stations.

### 3. Preliminary Qualitative Risk Assessment

The potential of contamination hazards on the land has been identified and the risks associated with them are assessed in the following preliminary risk assessment in accordance with industry practice and the 'suitable for use' approach. This has been conducted using the source-pathway-receptor approach. This method dictates that there must be a risk contaminant produced at a 'source' in sufficient concentration to cause harm and there must be a 'pathway' for the contaminant to reach an identifiable 'receptor' for the linkage to be proved and a contamination hazard to be considered present. Not all substances are contaminants and not all contaminants are considered to be a risk. Indeed, DEFRA and The Environment Agency state that **'a contaminant is a substance which has the potential to cause harm, while a risk itself is considered to exist if such a substance is present in sufficient concentration to cause harm and a pathway exists for a receptor to be exposed to the substance.'**

R&D Publication 66: 2008 states that the groups at risk of harm (receptors) can be identified by the following categorisation:

1. Humans: site personnel, end users, visitors and adjacent land users.
2. The water environment – receptors: groundwater, surface water, coastal waters and artificial drainage.
3. Ecosystems: plants and animals.
4. Construction/building materials/services

In order to complete a conceptual site model and therefore a preliminary risk assessment, an appraisal of the sources of contamination, potential and actual, on and in the area of the site has therefore been completed with reference to this pollution linkage.<sup>16</sup>

#### 3.1 Conceptual Ground Model & Preliminary Qualitative Risk Assessment

It is understood that the development proposals currently comprise the construction of 3no. new industrial units with associated car parking spaces. In view of the sensitivity of the end users it is considered that the soil screening values (SSVs) for a residential with plant uptake end use should be employed. The preliminary risk assessment has been evaluated with reference to the following ratings and definitions:

<b>N/A -</b>	A source-pathway-receptor linkage is not considered to exist and therefore a risk assessment is not required.
<b>Low -</b>	A pollution linkage is unlikely and/or the likelihood of harm occurring is low and of minor consequence.
<b>Moderate -</b>	The linkage exists but further field or laboratory data is required to confirm that the contaminant has reached the receptor and the levels of contaminant are harmful.
<b>High -</b>	The linkage exists and the available data indicates that significant harm may be caused and remedial action could be necessary.

<sup>16</sup> This assessment has been based on the information as to the proposed development that has been provided by the client. If the plans should change, the assessment should be re-evaluated.

**Table 7: Conceptual Site Model and Preliminary Qualitative Risk Assessment**

CONCEPTUAL SITE MODEL			PRELIMINARY RISK ASSESSMENT	
Pathways	Receptor	Linkage Present?	Risk Rating	Notes
Direct contact/dermal absorption/soil ingestion	Operative	Yes – operatives are likely to come in contact with the soil.	Moderate	There are potential on and off-site sources of contamination that may have caused contamination of the site. Any on site sources of contamination could migrate to neighbouring properties. Further testing required to reach a firm conclusion.
	End User	No – site will be capped with handstanding.	N/A	
	Neighbours	Yes – possible source on site and immediate neighbours are present.	Moderate	
Inhalation of Dust/Vapours	Operative	Yes – contact with soil likely during works and vapours may accumulate in enclosed spaces.	Moderate	There are potential on and off-site sources of contamination that may have caused contamination of the site. Any on site sources of contamination could migrate to neighbouring properties. Construction activities may create dust on and off site, which, if contaminated, could adversely affect operatives, end users and neighbours. In the event that harmful vapours are present they may accumulate in enclosed spaces, affecting operatives, end users and neighbours. Further testing required to reach a firm conclusion.
	End User	Yes – vapours may accumulate in enclosed spaces.	Moderate	
	Neighbours	Yes – neighbouring properties present and possible inhalation of dust during the works.	Moderate	
Ingestion of fruit/vegetables and/or waters	Operative	No – no edible plants or contained water sources in the area of the proposed new works.	N/A	There are potential on and off-site sources of contamination that may have caused contamination of the site. Further testing required to reach a firm conclusion.
	End User	No – site will be capped with handstanding.	N/A	
	Neighbours	Yes – residential dwellings present within 250m of the proposed development.	Moderate	

Migration of hazardous gases via permeable strata	Operative	Yes – possible off-site sources and potential sources on site associated with historical construction and site use.	Moderate	Possible source on site and within 250m. A programme of monitoring is recommended but is suggested to be limited to 4 readings over one month in the first instance. If significant made ground considered capable of producing harmful gases is revealed during the investigation works, the monitoring regime may require reassessment to consider a higher potential risk.
	End User		Moderate	
Spillage/loss/run off direct to receiving water	Neighbours	Yes – possible source on site and controlled waters within 250m.	Moderate	There are potential on and off-site sources of contamination that may have caused contamination of the site.
	Controlled Waters		Moderate	
Migration via permeable unsaturated strata	Controlled Waters	Yes – possible source on site and Secondary A aquifer beneath the site.	Moderate	Controlled waters within 250m.
Run off via drainage/sewers etc	Controlled Waters	Yes – possible source on site.	Moderate	Secondary A aquifer underlies the site. Permeability of underlying geology should be assessed. Further testing required to reach a firm conclusion.
Direct contact with contaminated soils	Plants	No – site will be capped with handstanding.	N/A	No further action required.
Uptake via root system			N/A	
Direct contact with contaminated soils/ Direct contact with contaminated groundwater	Building Materials	Yes – possible source on and off site and foundation and service installation materials may be affected by the site soil.	Moderate	There are potential on and off-site sources of contamination that may have caused contamination of the site. Further testing required to reach a firm conclusion.

Migration of mine gas via permeable strata	Operative	No – not in an area affected by coal mining activity.	N/A	No further action required.
	End User			
Exposure to Radon	Operative	Yes – the property is in a Radon Affected Area, as between 3 and 5% of properties are above the Action Level.	High	The publication BR211 states that basic radon protective measures are necessary in the construction of new dwellings or extensions.
	End User			
Mining Instability	End User	No – not in an area affected by coal mining activity.	N/A	No further action required.
Unexploded Ordnance (UXO) Risk	Operative	Yes – the Zeteca <sup>17</sup> online maps indicate that the site is at low risk from UXO.	Low	Unlikely to be affected by UXO.

Notes:

1. The above data and table is a qualitative assessment of the probable risks identified at this site, based on the information made available to us from the client, third party professional data and walkover survey.
2. Should any additional or new data come to light, the risk assessment should be revisited and any necessary changes made to any recommendations resulting from this study.
3. Where further testing is recommended as part of the risk assessment, this is in order to provide a quantitative assessment of any contamination issues. It should at all times be considered that uncertainties may remain, and therefore any testing regime and ground investigation philosophy should be ready to accommodate any necessary alterations should any data come to light or it become evident that it has not been previously considered.

<sup>17</sup> Pre-desk study assessment [online resource from [www.zeticauxo.com](http://www.zeticauxo.com)].

## 4. Intrusive Investigation

---

### 4.1 Site Investigation Philosophy

The information from the Phase 1 Desk Study shows there are potential sources of contamination on the site and in the surrounding area. In view of the above, any intrusive investigation should be undertaken in accordance with the sampling strategies given in BS10175: 2011 +A2:2017 and CLR4:1994. These two sampling strategies may be classified as:

- Non-Targeted – using a defined sampling pattern (BS10175)
- Targeted – based on prior knowledge and professional judgement (CLR4)

These sampling strategies are considered in more detail below. However, it is emphasised that they can be used individually or in combination depending on the depth of site knowledge.

#### **Non-Targeted Sampling**

If no obvious 'hot spots' of contamination have been identified on a site, it would be recommended that a stratified random pattern of sampling points be considered. This work should be undertaken with reference to BS10175: 2011 +A2: 2017 *Investigation of potentially contaminated sites – Code of practice: 7.6*, and BS5930 2015 + A1:2020, *Code of practice for ground investigations*.

#### **Targeted Sampling**

If a possible 'hot spot' of contamination has been identified on a site, it is recommended that a herringbone pattern of sampling points be considered in the immediate vicinity. If strong evidence of contamination has then been identified, it is recommended that sampling be highly focused to reflect that evidence and the investigator's experience. This work should be undertaken with reference to CLR4, *Sampling Strategies for Contaminated Land, 1994*.

The density of sampling required is defined in BS10175: 2011: +A2: 2017: 7.7.2.2.3, which indicates that an *exploratory* investigation usually requires a lower density sample spacing than does a *main* investigation. The BS goes on to state that *the actual density should depend upon the confidence and robustness required of decisions that will be based on the information obtained. Thus, the area and depth of interest will be related to the contaminants present, the pathways and the receptors. Typical densities of sampling grids can vary from 25m to 50m centres for exploratory investigations, and 10m to 25m centres for main investigations.*

### 4.2 Site Specific Investigation

In view of the information provided above it is considered that an investigation of the site should include the following main elements.

#### 4.2.1 Contamination Assessment

It may be appreciated that BS 10175 clause 7.7.2.2.3 suggests that the number of sampling points at the site should be based on a minimum of three testing locations or the size of the site with respect to the appropriate grid spacing, whichever the greater. On the basis of the site area being

0.10ha, the number of sampling points at the site should be considered with respect to the table below.

Table 8: Summary of Sampling Strategy					
NUMBER OF SAMPLING POINTS					
	Soil	Water	Asbestos	Standpipes	Standpipe Readings
Exploratory Investigation 50m x 50m grid	3	-	3	3	A minimum of 4 readings over 1 month would be required as per risk assessment, however any regime must take into account the guidance detailed below.
Target Areas	Should be assessed during any investigation.				

Chemical testing should be undertaken on the above grid spacing and the following standard testing regime should be undertaken:

- **Metals** – Cd, Cr, Cu, Hg, Ni, Pb, Zn, V.
- **Semi Metals and Non-Metals** – As, Se, Free Cyanide and Phenols.
- **Hydrocarbons** – Polycyclic aromatic hydrocarbons (PAH EPA16), Total petroleum hydrocarbons (TPH CWG), Volatile Organic Compounds (VOCs), Semi-Volatile Organic Compounds (SVOCs), Polychlorinated biphenyls (PCBs).
- **Others** – pH, Organic Content, Nitrate, Phosphate.
- **Asbestos**

### Sampling Method

Investigation should include the installation of three gas monitoring standpipes for subsequent monitoring. Furthermore, soils should be obtained for chemical sampling. The sampling strategy should employ the non-targeted strategy given above in the first instance, i.e. at least three sampling points, if it is anticipated that made ground is significant across the site. However, if the made ground at the site is thought to be localised to specific areas, then the targeted strategy should be used.

It should be possible to carry out the above work with a windowless sampling drilling rig, however, it may be more pragmatic to employ hand-held digging tools for a targeted strategy.

### Gas Monitoring

The final gas monitoring regime should be undertaken in accordance with Table 4.2 of CIRIA C665: 2007: *Assessing risks posed by hazardous ground gasses to buildings*. In that document guidance for the frequency of monitoring is provided on tables 5.5a and 5.5b *Typical/idealised frequency and period of monitoring* on page 60. For convenience, these tables have been combined and reproduced below.

Table 9: Typical/idealised Frequency and Period of Monitoring.					
Sensitivity of development	Generation potential of source				
	Very low	Low	Moderate	High	Very High
Low (commercial)	4/1	6/2	6/3	12/6	12/12
Moderate (flats)	6/2	6/3	9/6	12/12	24/24

High (residential + gardens)	6/3	9/6	12/6	24/12	24/24
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**Notes:**

- a) The first number is the minimum number of readings and the second number is the minimum period in months, for example 4/1 – four sets of readings over 1 month.
- b) At least two sets of readings must be at low and falling atmospheric pressure (but not restricted to periods below 1000mb) known as worst case conditions.
- c) The frequency and period stated are considered to represent typical minimum requirements. Depending on specific circumstances fewer or additional readings may be required (e.g. any such variation subject to site specific justification). The NHBC guidance is also recommending these periods/frequencies of monitoring.
- d) Historical data can be used as part of the data set.
- e) Not all sites will require gas monitoring. However, this would need to be confirmed with demonstrable evidence.
- f) Placing high sensitivity end use on a high hazard site is not normally acceptable unless the source is removed or treated to reduce its gassing potential. Under such circumstances long-term monitoring may not be appropriate or required.
- g) This guidance should be read in conjunction with BS 8576:2013 figure 6 which may justify fewer readings in the first instance, where the generation potential is considered to be very low to low. However, this should be undertaken pragmatically, and further readings obtained according to the above table, where a potentially significant source is identified and initial readings suggest that remedial measures are not necessary.

**4.2.2 Geotechnical Assessment**

In addition to the above contamination assessment which is likely to be required by planning authorities and insurance providers, the following investigation strategy could be considered:

**Sampling Method**

It is anticipated that a windowless sampling drilling rig will be able to gain sufficient data in regard to the near surface soils. Moreover, such equipment should be able to undertake Standard Penetration Testing (SPT) and/or Dynamic Probing.

**Soakaway Design**

Should soakaway data be required for drainage design, trialpits could be excavated and infiltration tests conducted. Alternatively, these tests could be undertaken within boreholes.

**Geotechnical Testing**

An allowance for geotechnical testing of the soils should be included in any ground investigation.

#### 4.2.3 Reporting

The above data will need to be formulated into a formal assessment that should include the following:

- Geotechnical recommendations.
- Contamination assessment.
- Contamination remediation strategy.
- Any recommendations for further work, if required and including validation reports where site remediation is necessary.

As soon as is practicable, and prior to the above, this Phase 1 report should be forwarded to the relevant authorities, in order to ensure they have sufficient time to review and discuss any issues.

## 5. References

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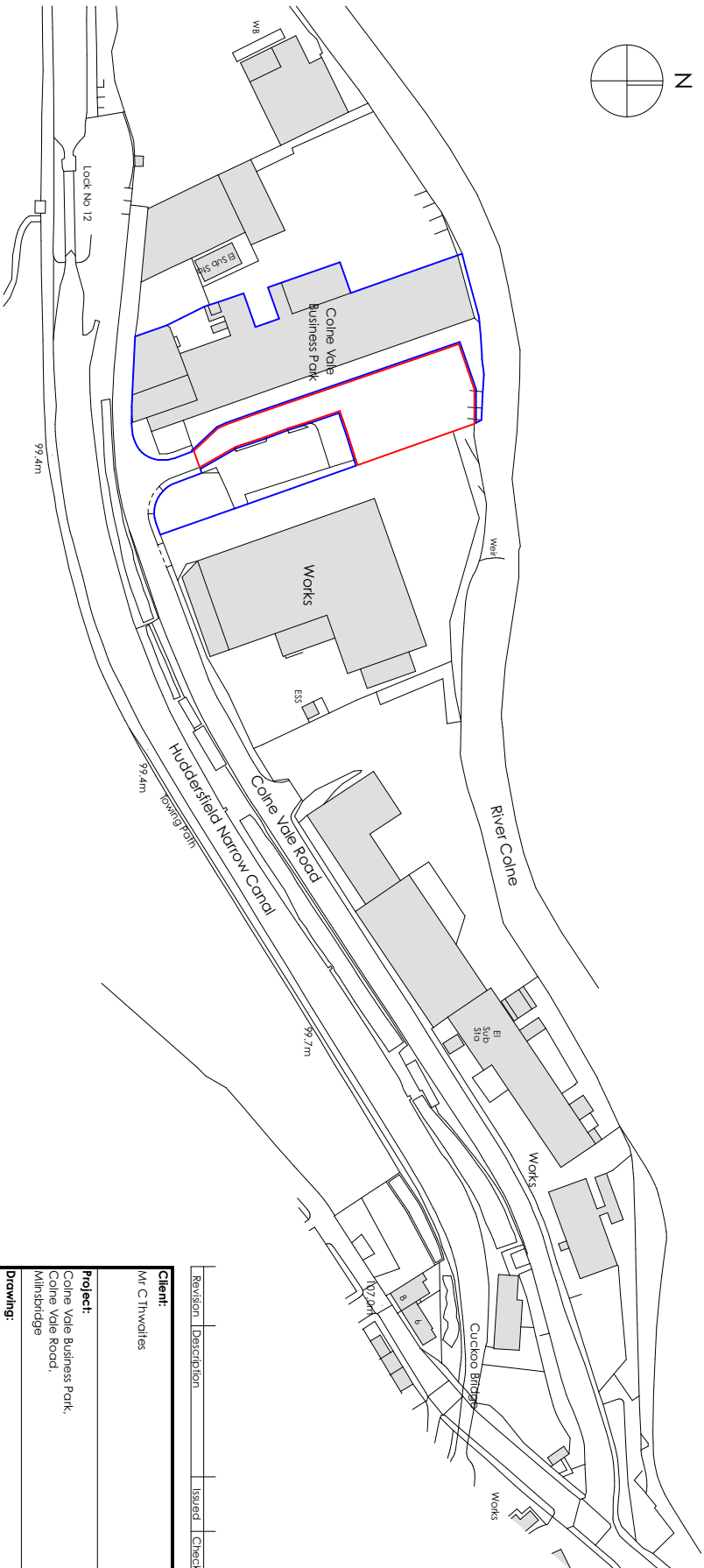
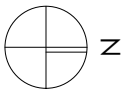
- British Standards Institution (2015), BS5930 2015 + A1:2020: *Code of practice for site investigations*, B.S.I., London.
- British Standards Institution (2007), Amendment No 1 to BS5930: *Code of practice for ground investigations*, B.S.I., London.
- British Standards Institution (2011) +A2:2017, BS 10175: *Investigation of potentially contaminated sites – Code of Practice*, British Standards Institute.
- British Standards Institution (2013), BS 8576 Guidance on Investigations for Ground Gas – Permanent Gases and Volatile Organic Compounds.
- Department for Environment, Food and Rural Affairs and the Environment Agency, DEFRA R&D Publications, Environment Agency, Bristol.
- CLR 2, 1994, *Guidance on preliminary site inspection of contaminated land*, Volume 1.
- CLR 4, 1994, *Sampling Strategies for contaminated land*.
- R&D Publication 66: 2008 Guidance for the Safe Development of Housing on Land Affected by Contamination.
- CIRIA Report C665 (2007), Assessing risks posed by ground gasses in buildings.
- The Environment Agency: Groundwater source protection.

---

## Appendix 1

### Site Plans

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Plan 1:1250

Revision	Description	Issued	Checked	Date

**Client:**  
Mr C Thwaites

**Project:**  
Colne Vale Business Park,  
Colne Vale Road,  
Millsbridge

**Drawing:**  
Site Location Plan

**Drawing Status:**

## PLANNING

<b>Date:</b> JUL 23	<b>Scale @ A3:</b> 1:1250	<b>Drawn by:</b> AB
<b>Project No:</b> 237	<b>Drawing No:</b> (0-) 03	<b>Revision:</b>

### General Notes

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---

## Appendix 2

### Historical Maps

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COLNE VALE ROAD,  
MILNSBRIDGE, HUDDERSFIELD,  
HD3 4NY

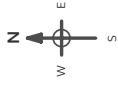
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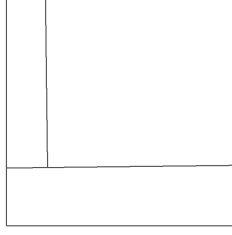
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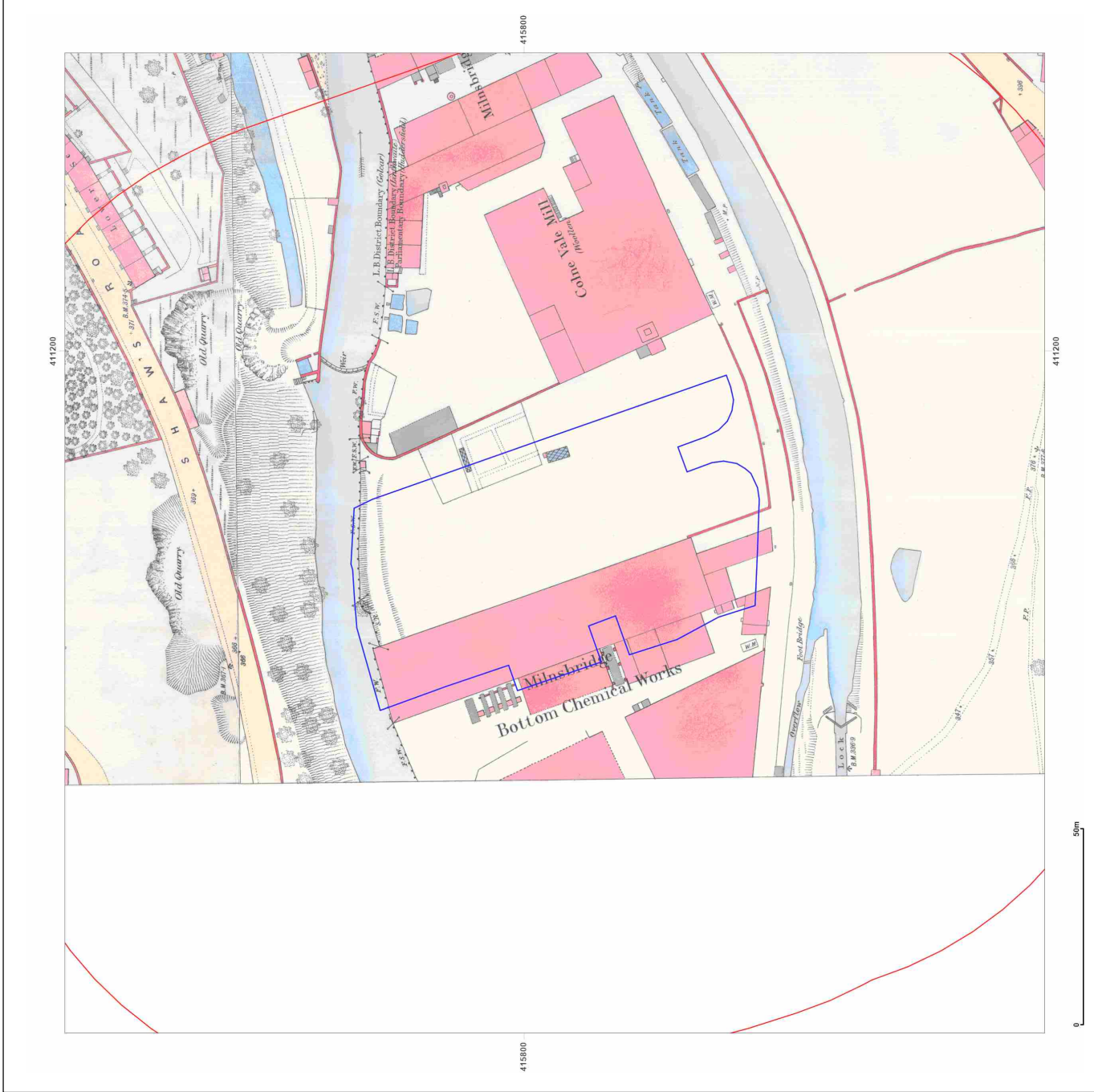


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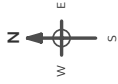
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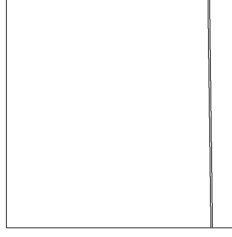
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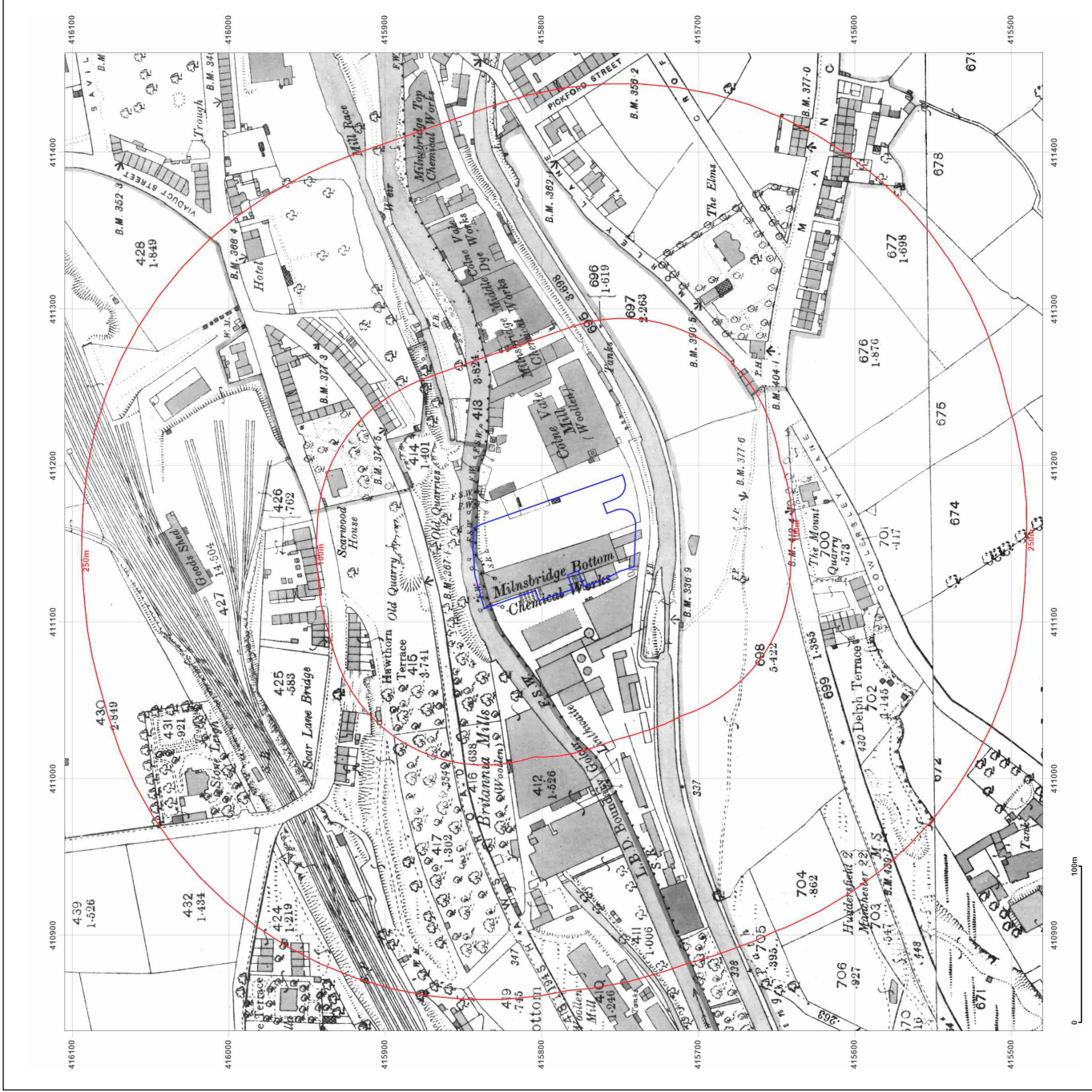


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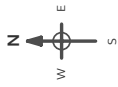
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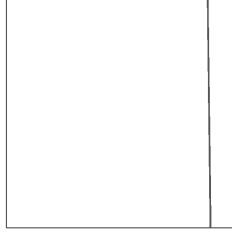
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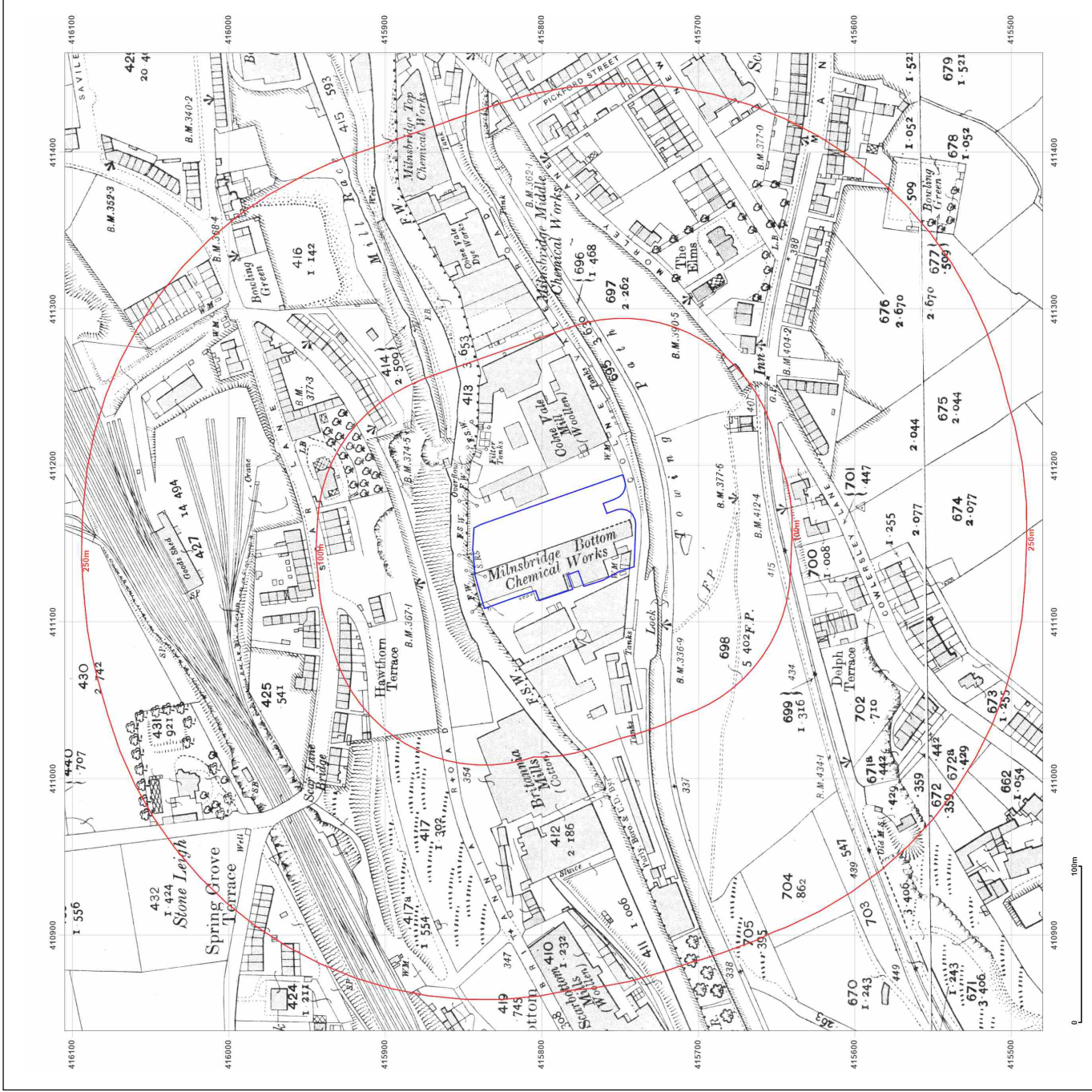


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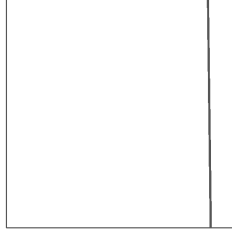
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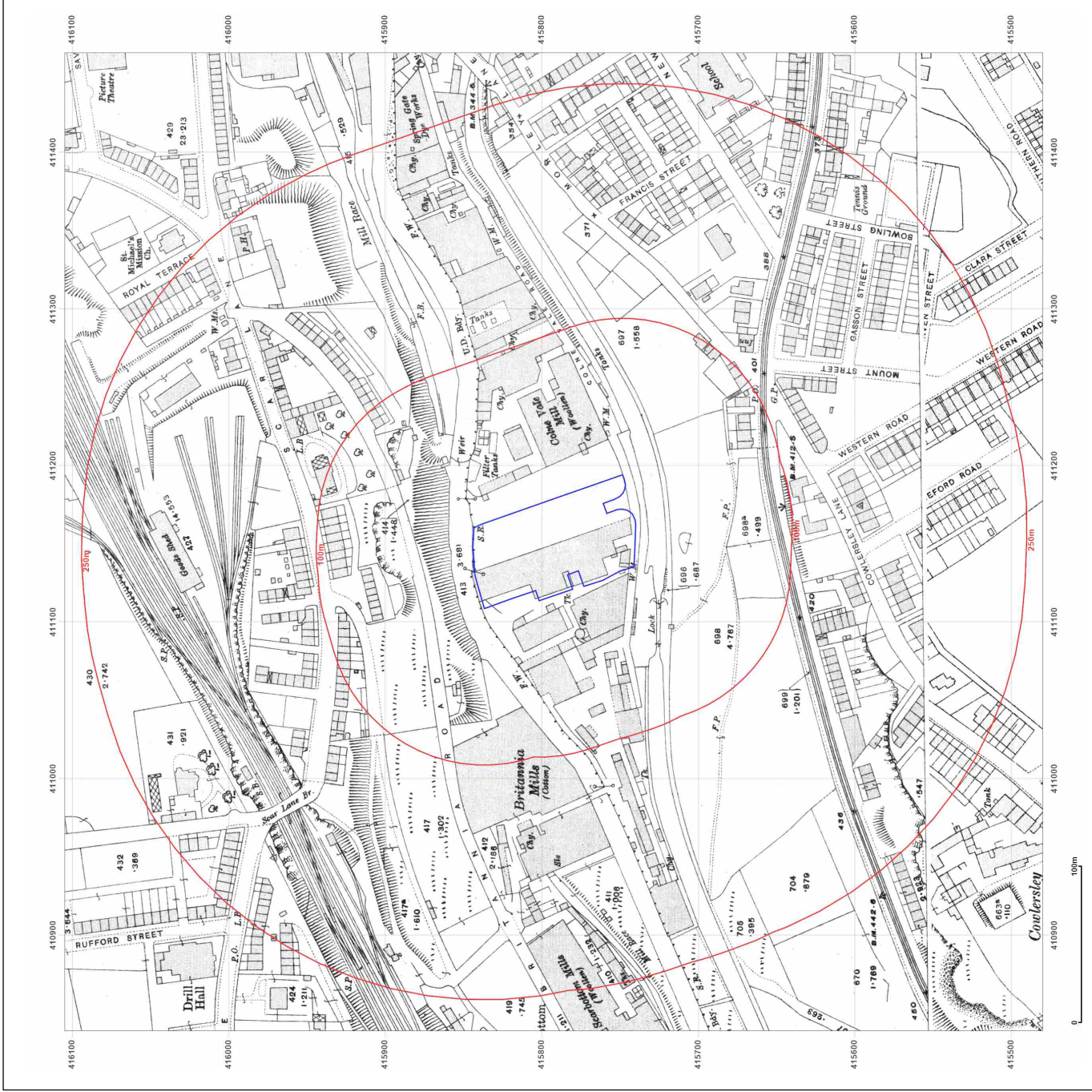


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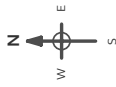
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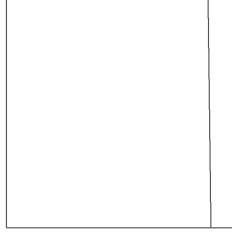
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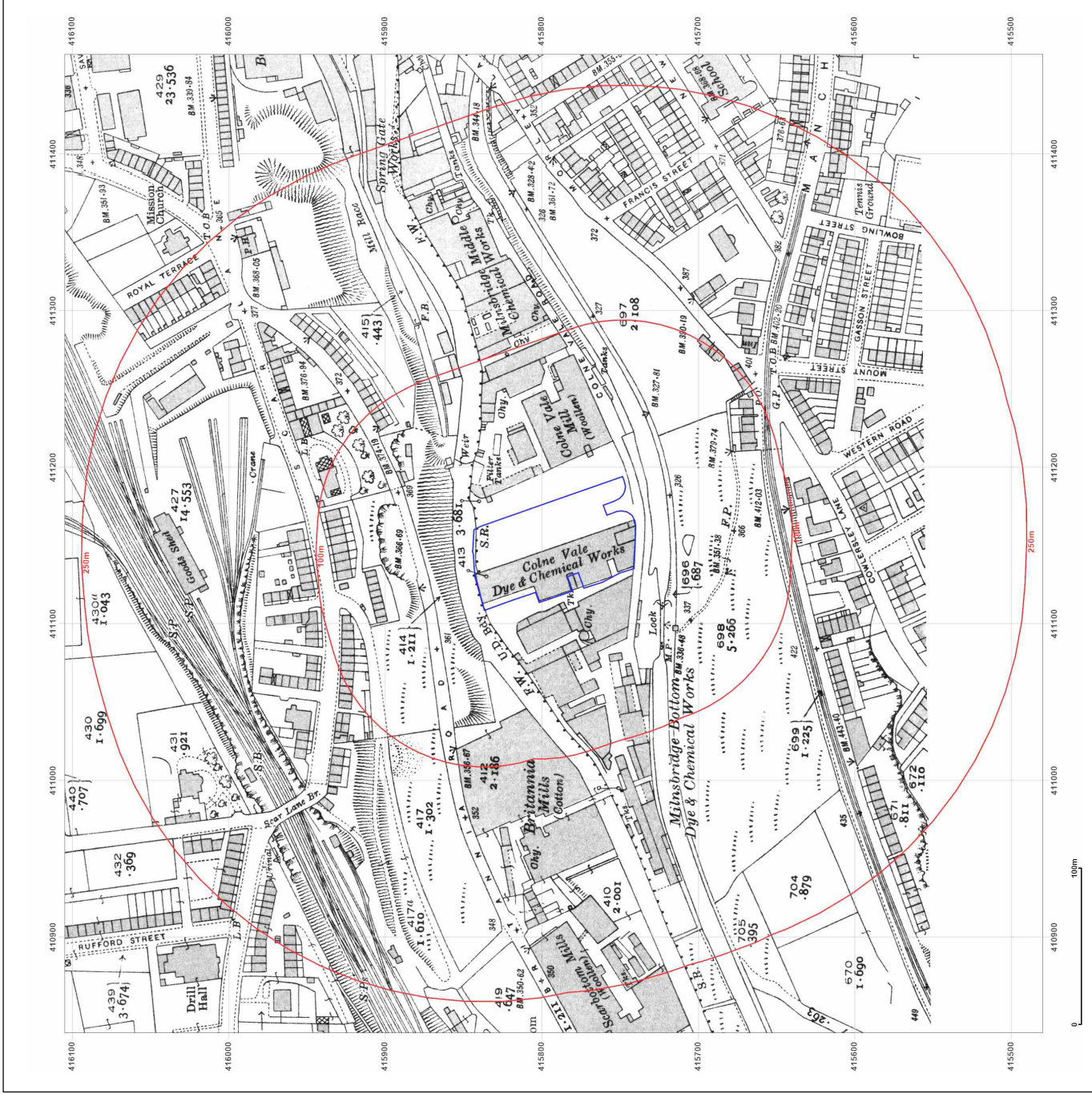


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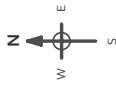
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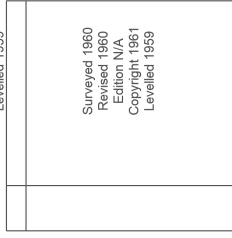
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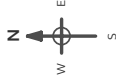
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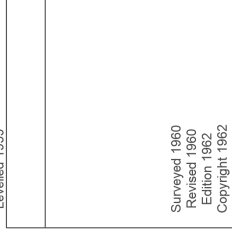
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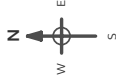
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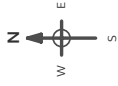
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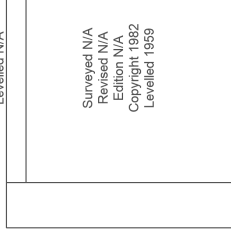
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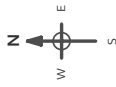
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**Map Name:** National Grid

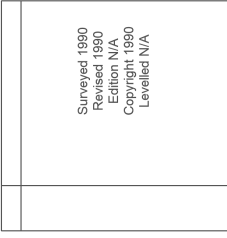
**Map date:** 1990-1993

**Scale:** 1:1,250

**Printed at:** 1:2,000



Surveyed 1958  
Revised N/A  
Edition N/A  
Copyright 1990  
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Revised 1990  
Edition N/A  
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**Site Details:**

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HD3 4NY

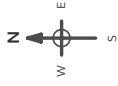
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**Map date:** 1993

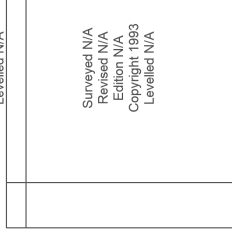
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Revised N/A  
Edition N/A  
Copyright 1983  
Levelled N/A

Surveyed 1983  
Revised 1983  
Edition N/A  
Copyright 1983  
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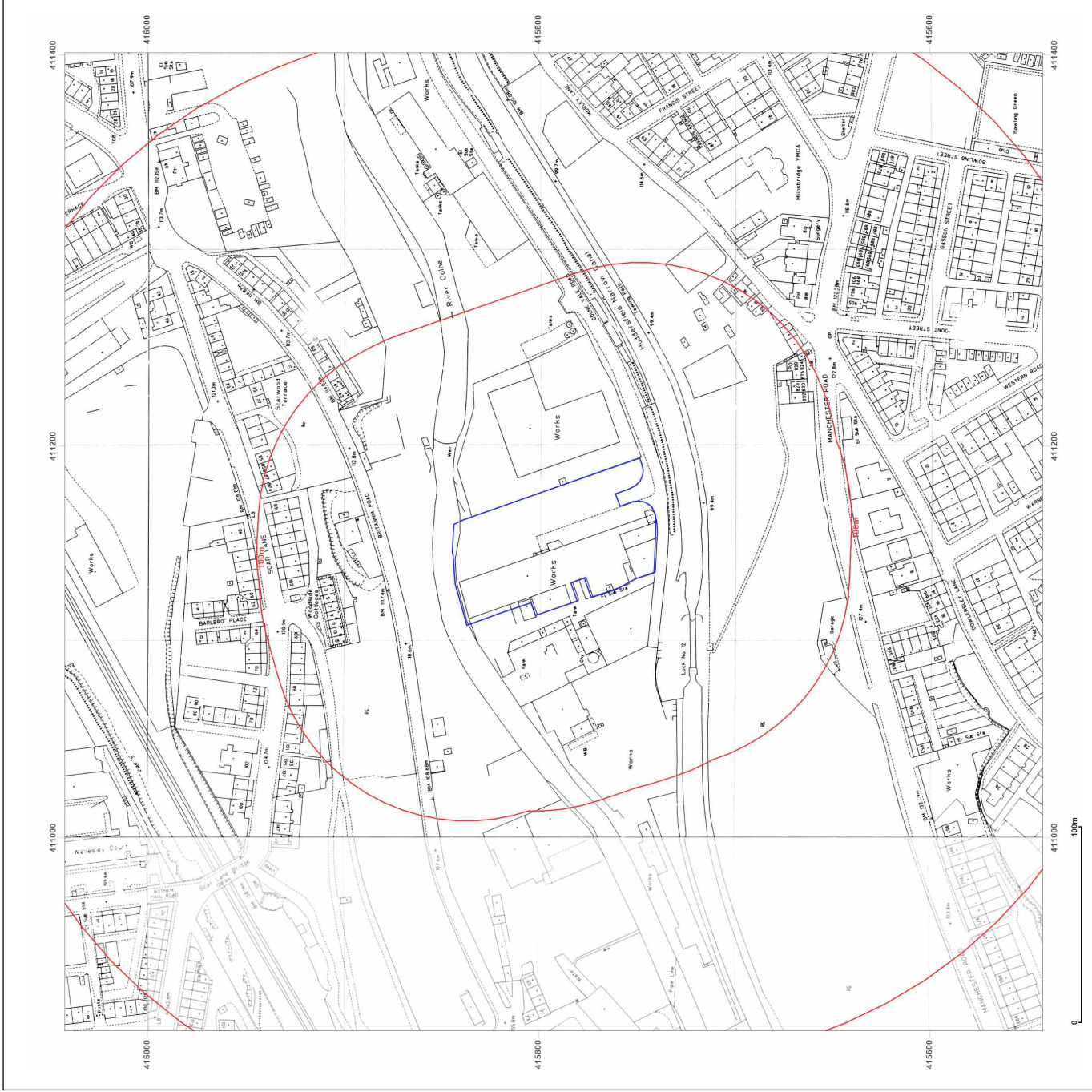


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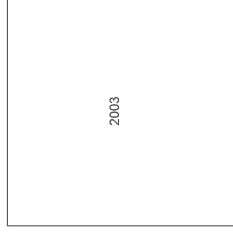
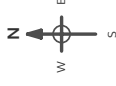
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**Map date:** 2003

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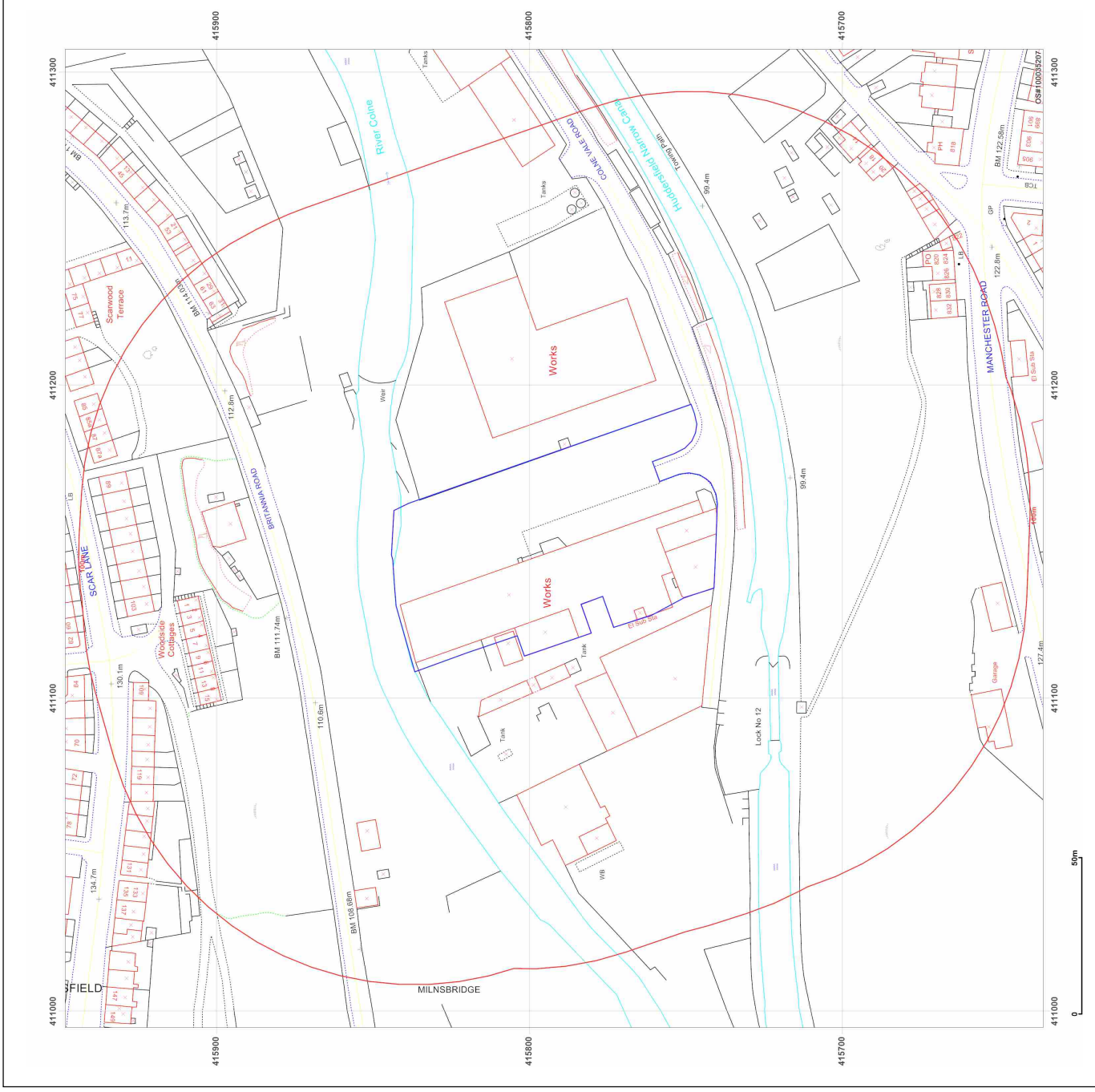


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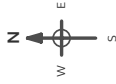
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**Map Name:** County Series

**Map date:** 1854

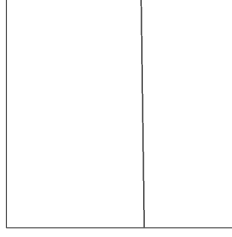
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Surveyed 1850  
Revised N/A  
Edition 1854  
Copyright N/A  
Levelled 1853

Surveyed 1851  
Revised N/A  
Edition 1854  
Copyright N/A  
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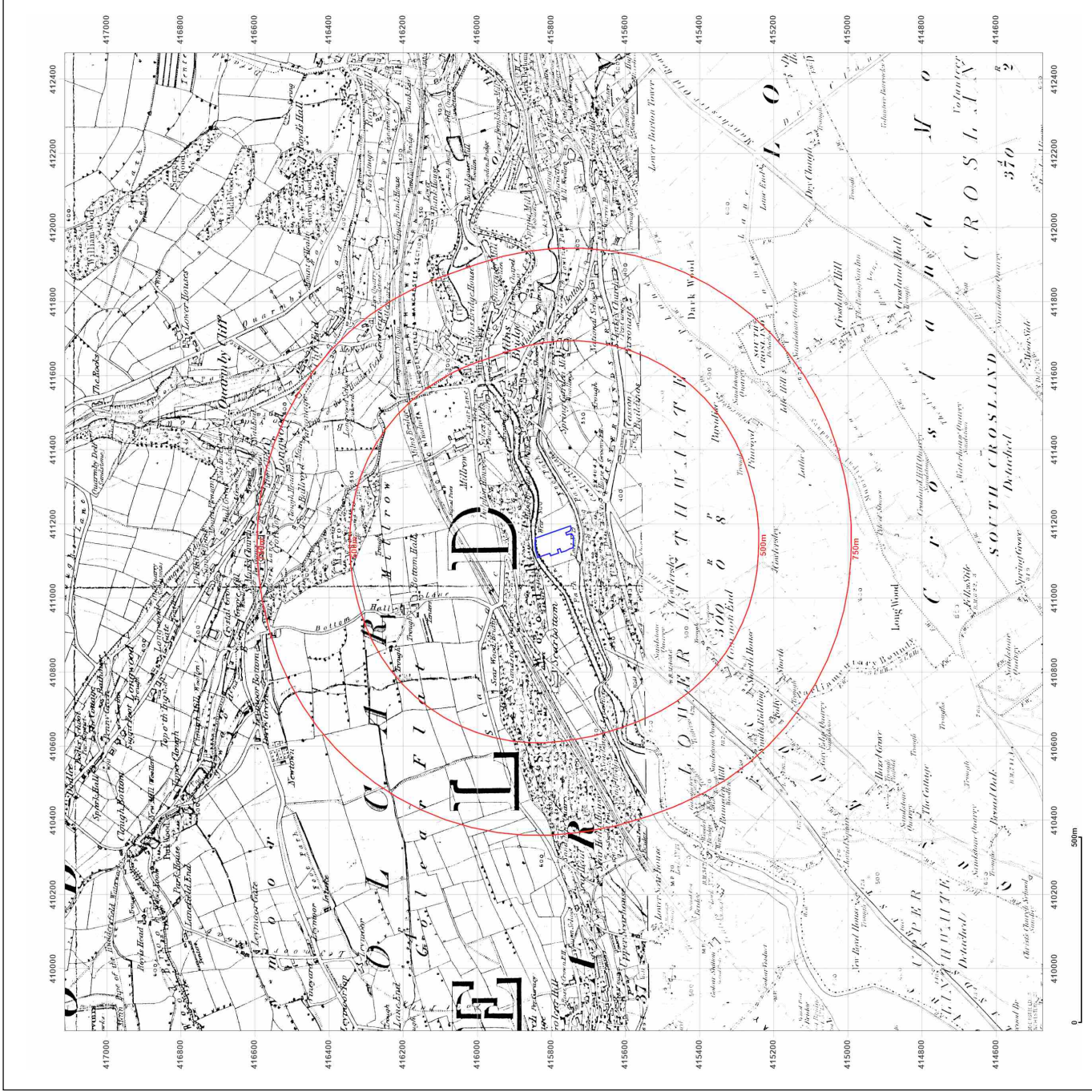
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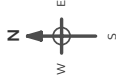
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**Map Name:** County Series

**Map date:** 1890-1891

**Scale:** 1:10,560

**Printed at:** 1:10,560



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Revised 1890  
Edition N/A  
Copyright N/A  
Levelled N/A

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

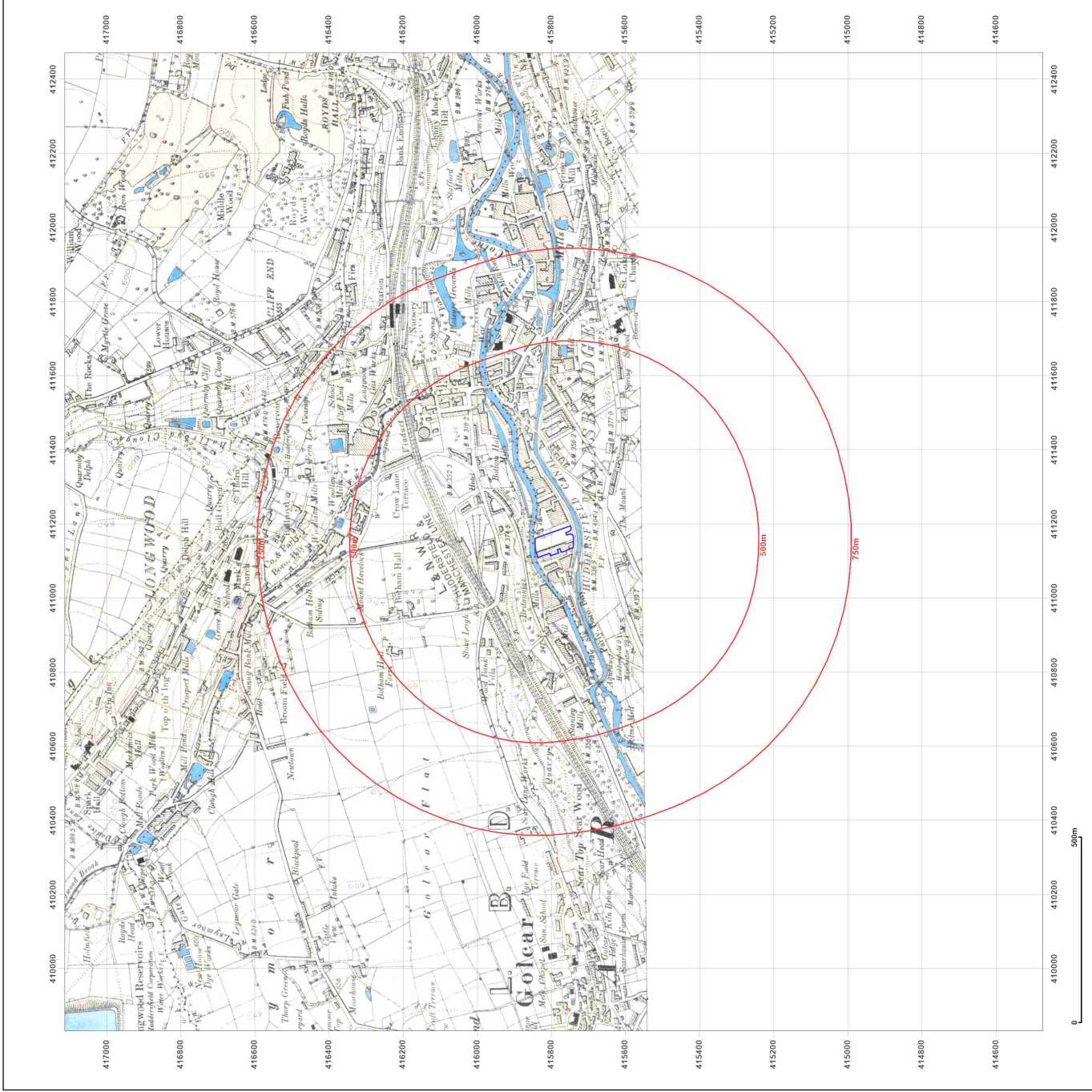


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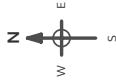
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**Map Name:** County Series

**Map date:** 1905

**Scale:** 1:10,560

**Printed at:** 1:10,560



Surveyed 1890  
Revised 1905  
Edition N/A  
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Surveyed 1891 Revised 1905 Edition N/A Copyright N/A Levelled N/A
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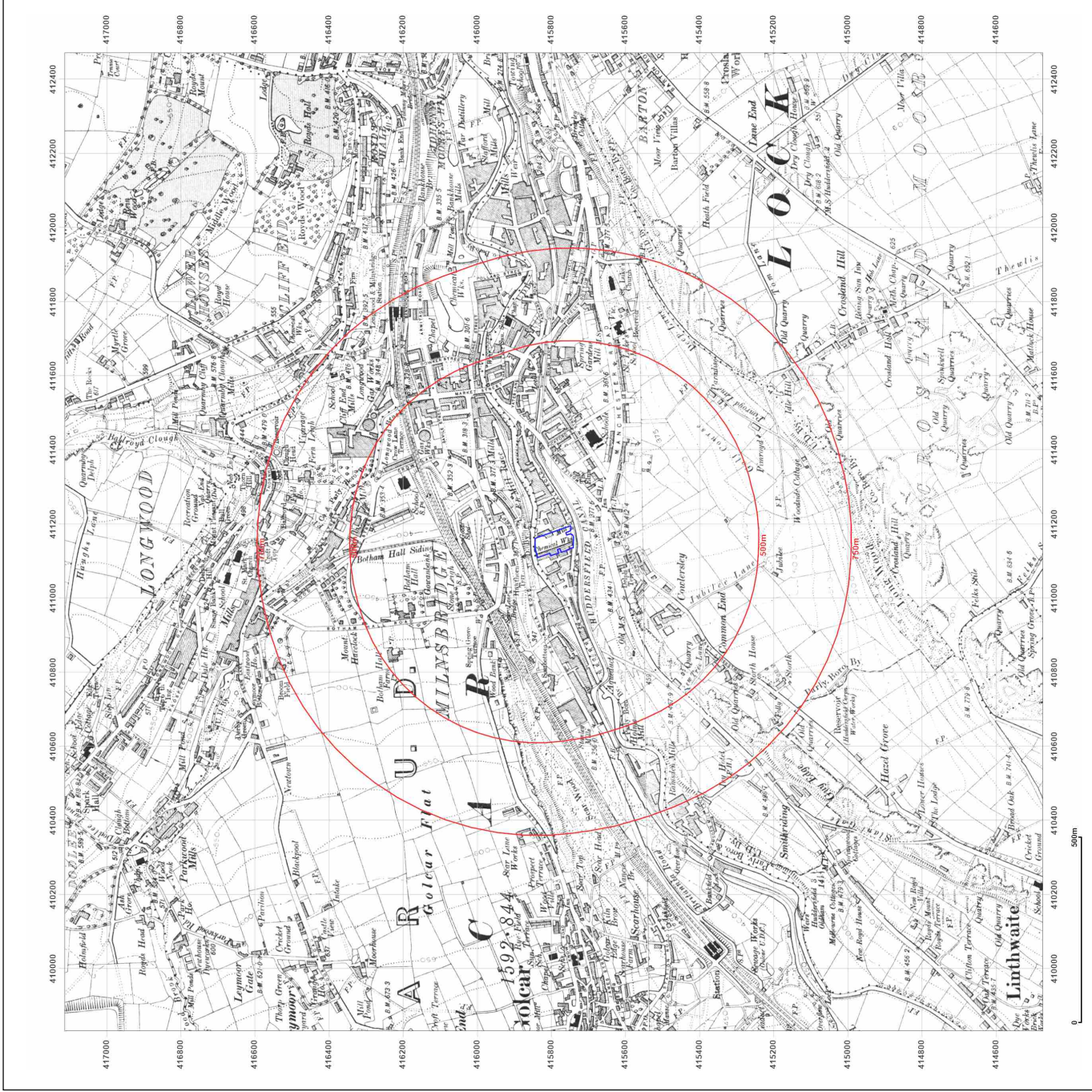


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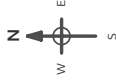
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**Map Name:** County Series

**Map date:** 1930

**Scale:** 1:10,560

**Printed at:** 1:10,560



Surveyed 1849  
Revised 1930  
Edition N/A  
Copyright N/A  
Levelled N/A

Surveyed 1851  
Revised 1930  
Edition N/A  
Copyright N/A  
Levelled N/A



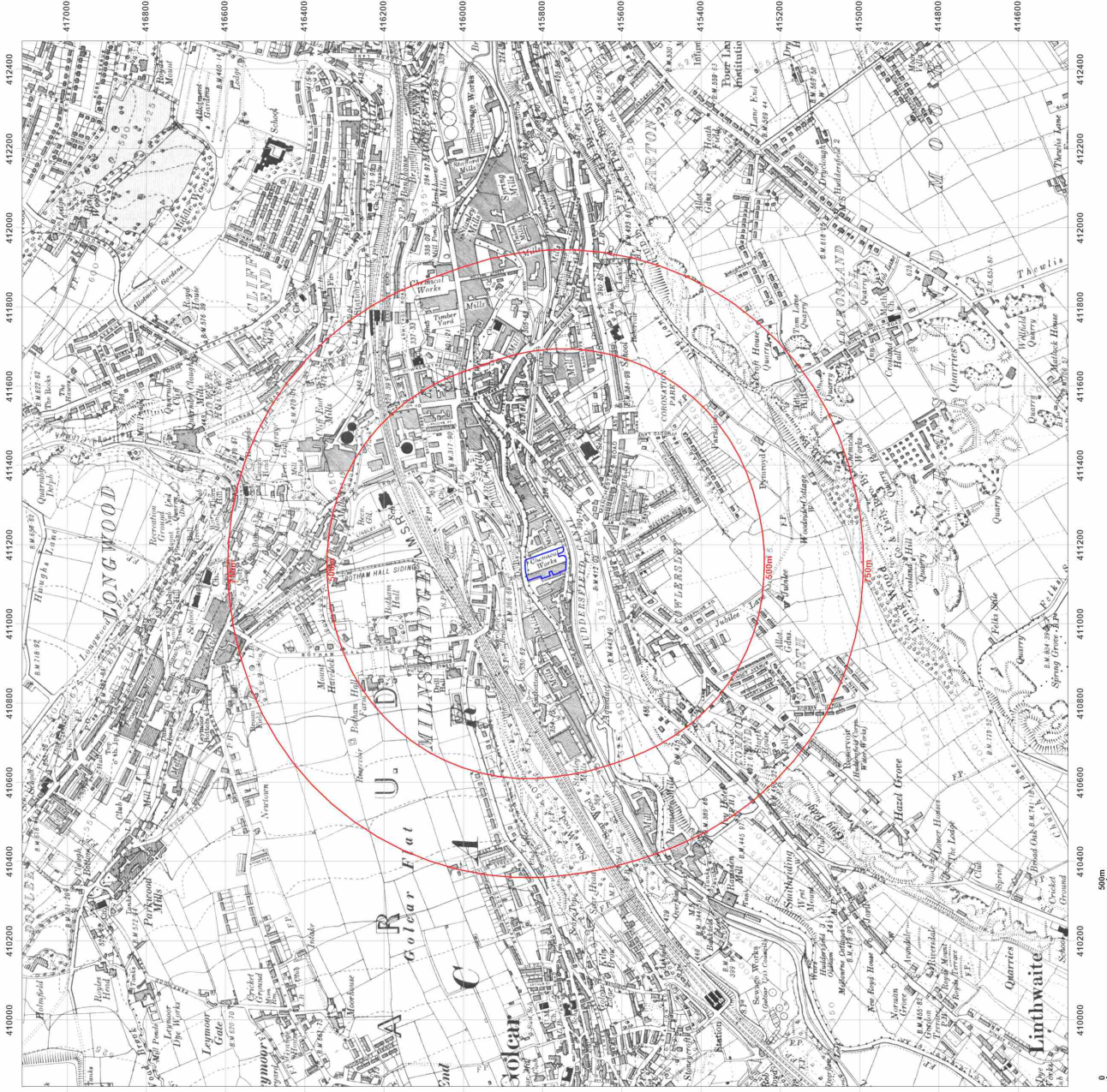
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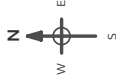
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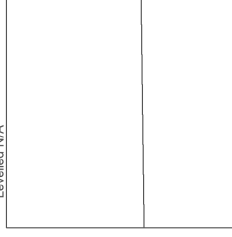
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**Scale:** 1:10,560

**Printed at:** 1:10,560



Surveyed 1849  
Revised 1938  
Edition 1938  
Copyright N/A  
Levelled N/A



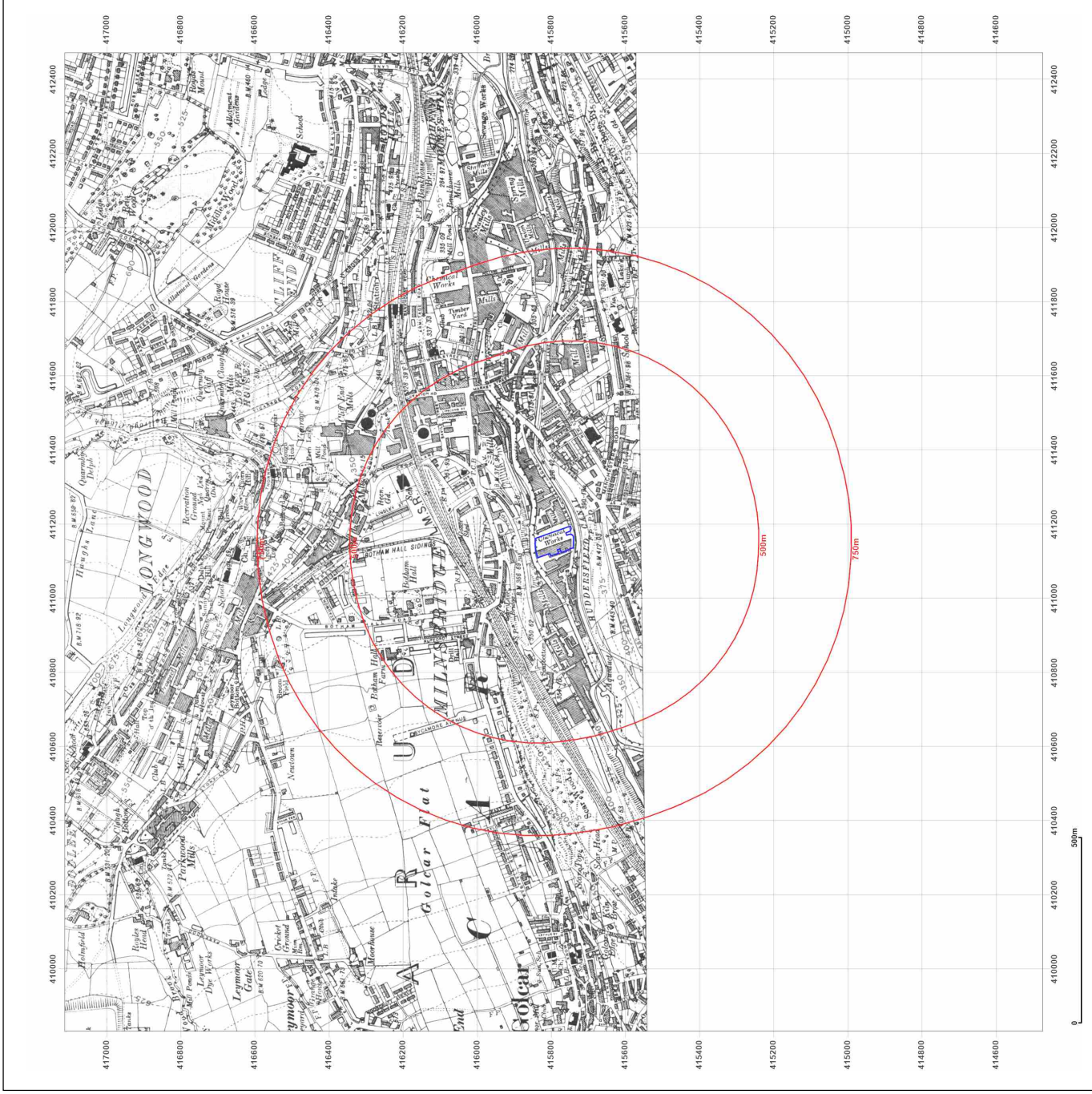
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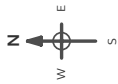
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**Map Name:** County Series

**Map date:** 1948

**Scale:** 1:10,560

**Printed at:** 1:10,560



Surveyed 1849  
Revised 1948  
Edition N/A  
Copyright N/A  
Levelled N/A

Surveyed 1851  
Revised 1948  
Edition N/A  
Copyright N/A  
Levelled N/A

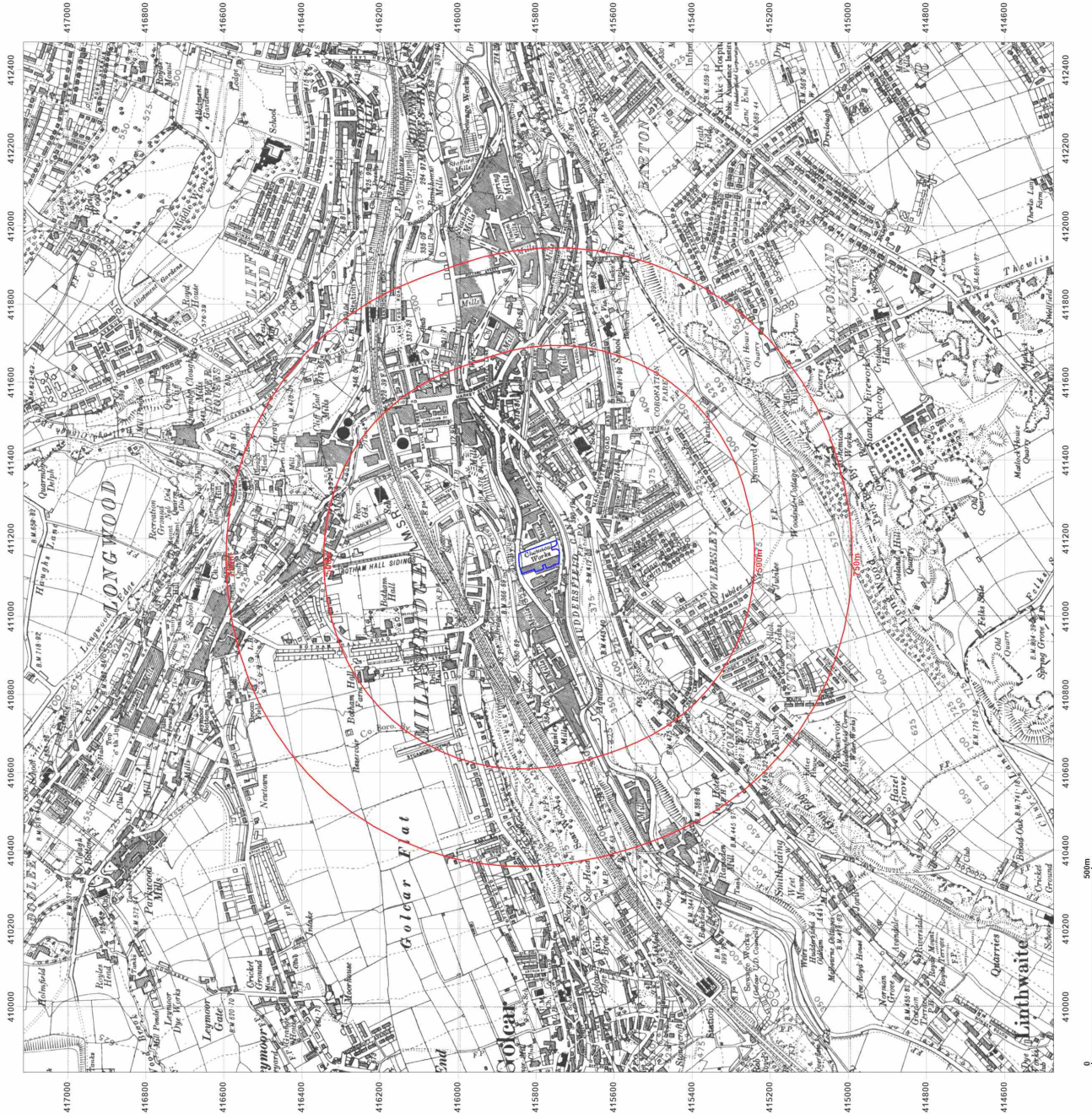


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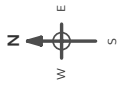
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**Map Name:** Provisional

**Map date:** 1955-1956

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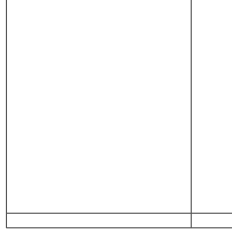


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Revised 1955  
Edition N/A  
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Levelled N/A

Surveyed 1951  
Revised 1951  
Edition N/A  
Copyright 1956  
Levelled N/A

Surveyed N/A  
Revised 1955  
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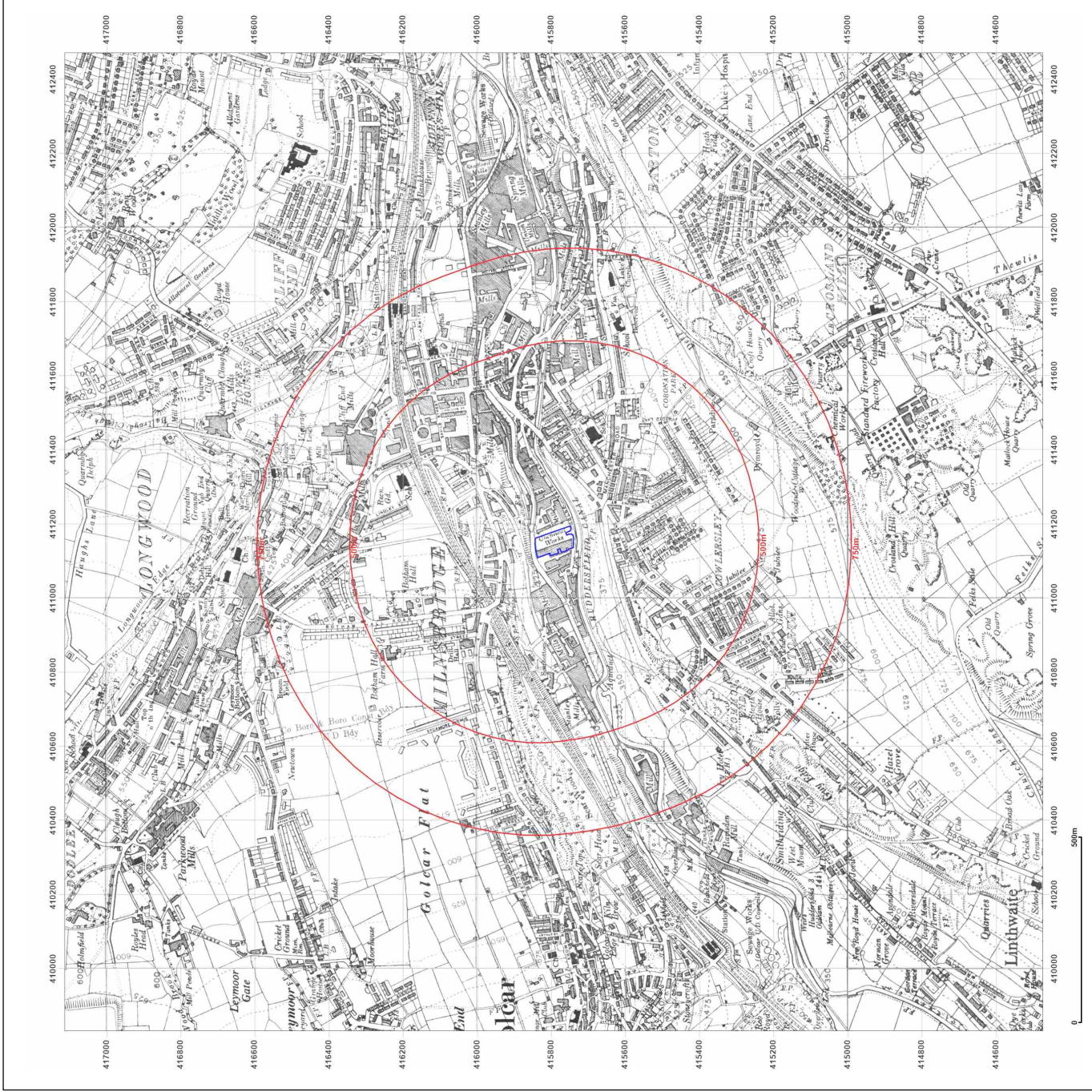
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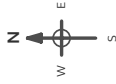
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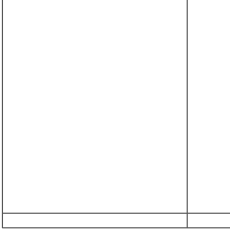
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Surveyed 1966  
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Surveyed 1969  
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Edition N/A  
Copyright N/A  
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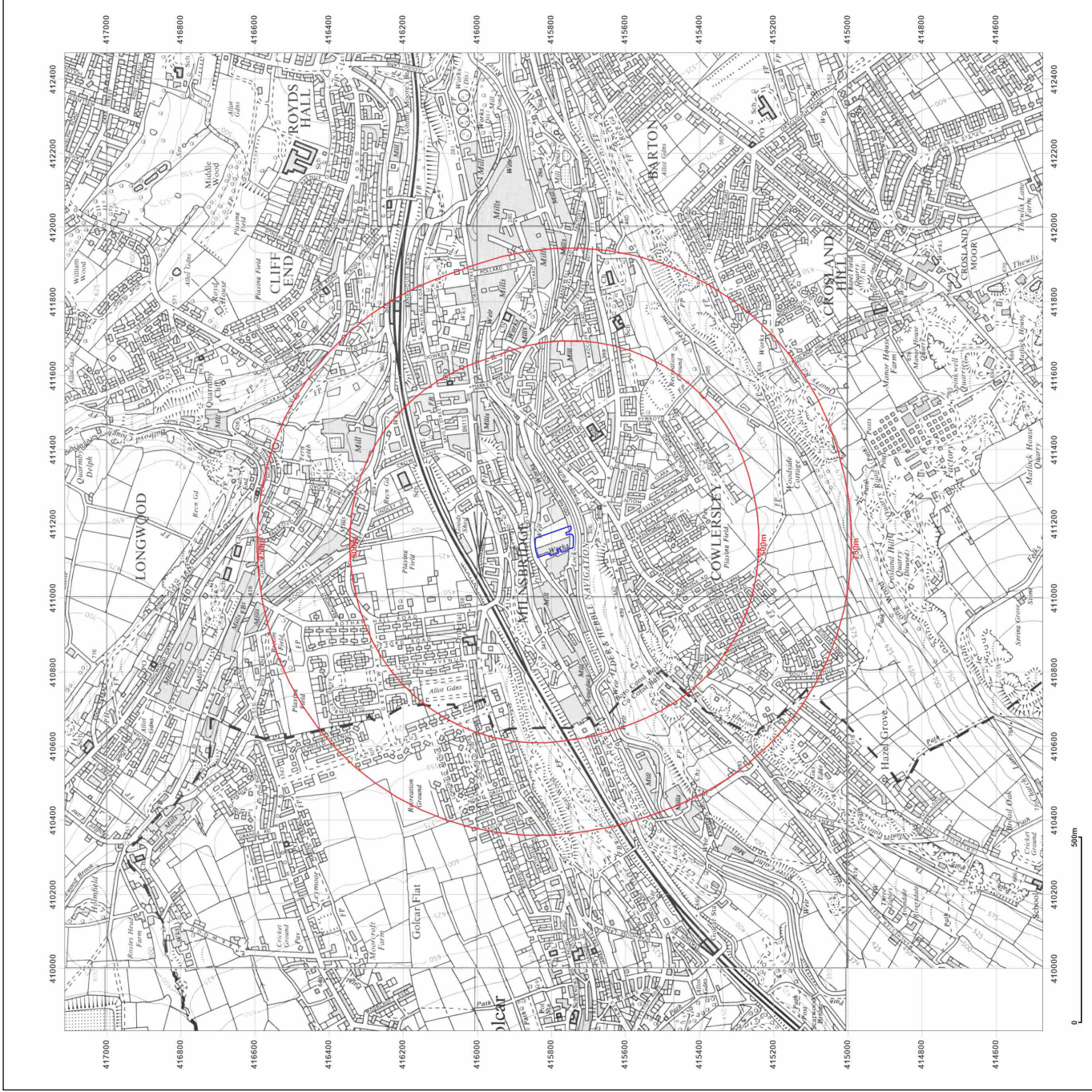


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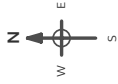
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**Map date:** 1975-1978

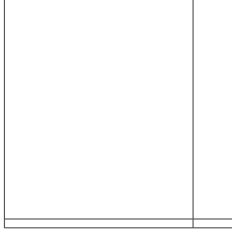
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Levelled N/A

Surveyed 1974  
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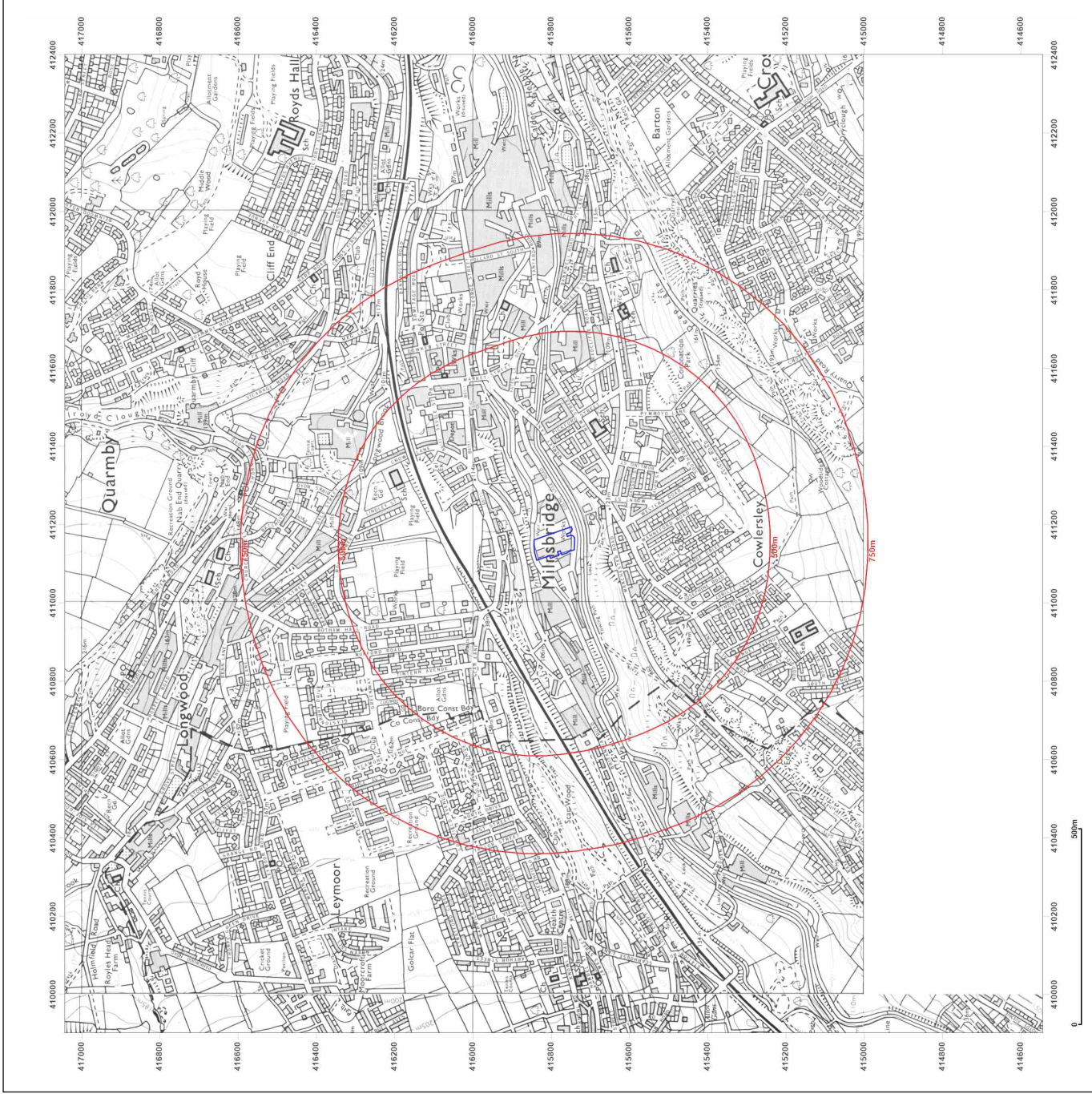


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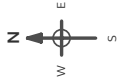
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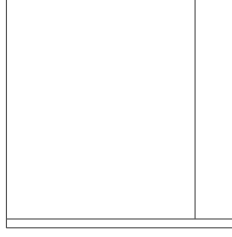
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Revised 1984  
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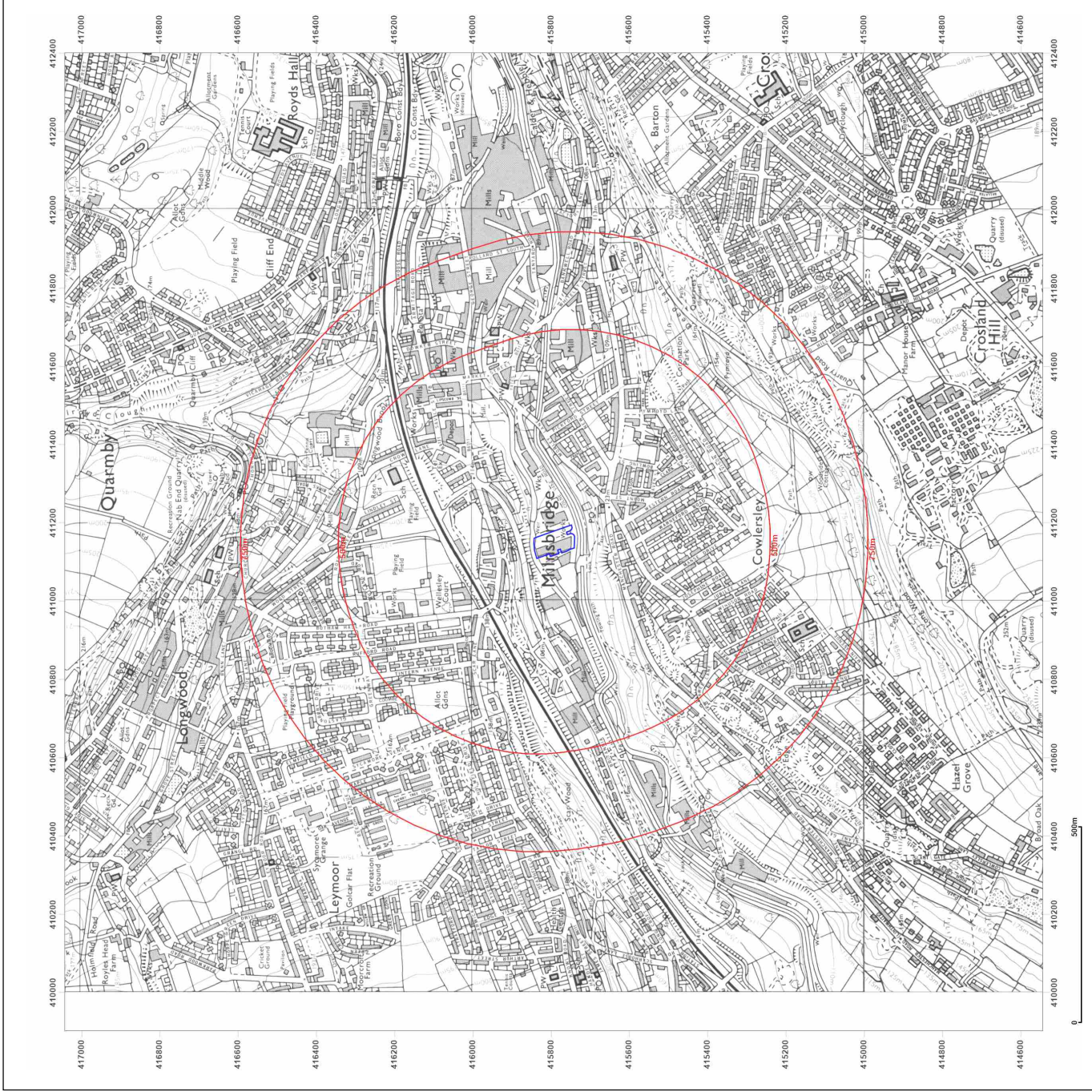


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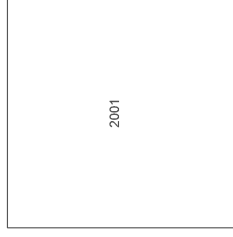
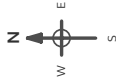
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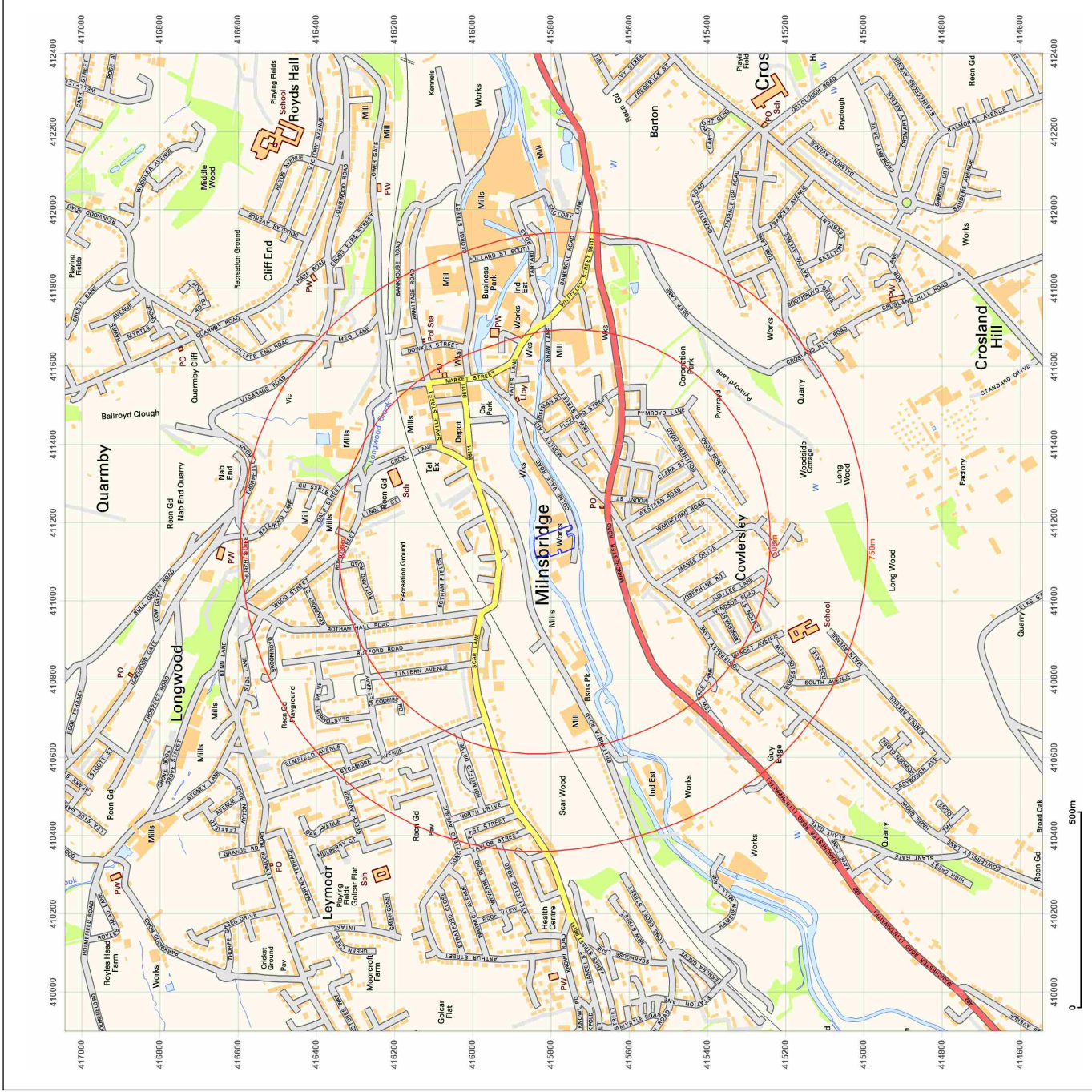
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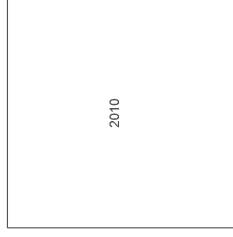
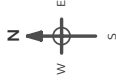


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COLNE VALE ROAD,  
MILNSBRIDGE, HUDDERSFIELD,  
HD3 4NY

**Client Ref:** C4013\_23\_E\_6099\_PO-2838  
**Report Ref:** GS-X6P-WTP-U56-JIN  
**Grid Ref:** 411151, 415792

**Map Name:** National Grid  
**Map date:** 2010  
**Scale:** 1:10,000  
**Printed at:** 1:10,000



2010

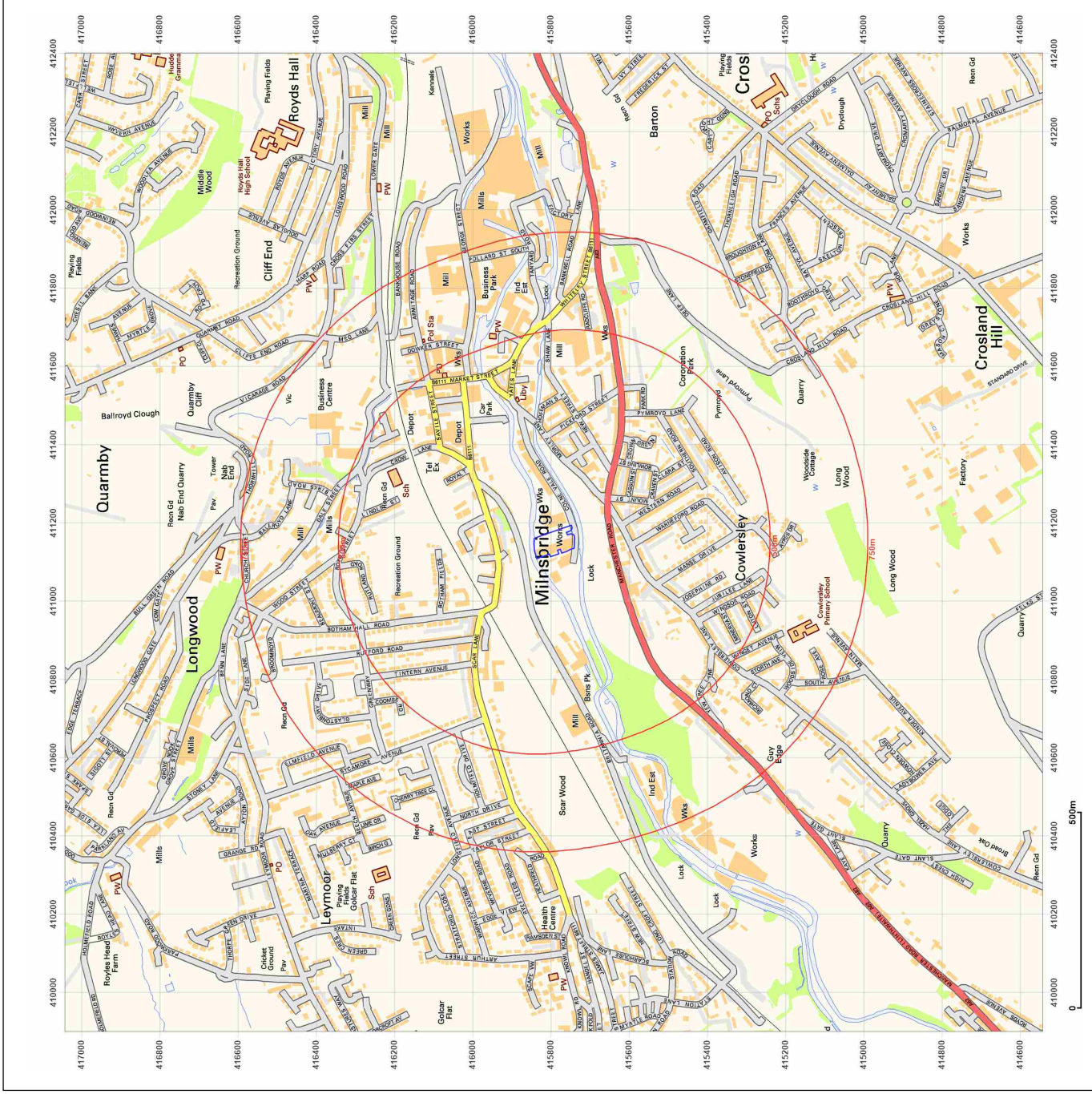


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E: [info@groundsure.com](mailto:info@groundsure.com)  
W: [www.groundsure.com](http://www.groundsure.com)

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Production date: 18 December 2023

Map legend available at:  
[www.groundsure.com/sites/default/files/groundsure\\_legend.pdf](http://www.groundsure.com/sites/default/files/groundsure_legend.pdf)



**Site Details:**

COLNE VALE BUSINESS PARK,  
COLNE VALE ROAD,  
MILNSBRIDGE, HUDDERSFIELD,  
HD3 4NY

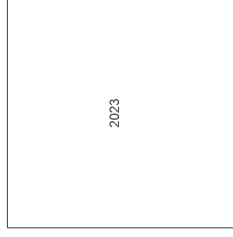
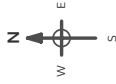
**Client Ref:** C4013\_23\_E\_6099\_PO-2838  
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**Grid Ref:** 411151, 415792

**Map Name:** National Grid

**Map date:** 2023

**Scale:** 1:10,000

**Printed at:** 1:10,000

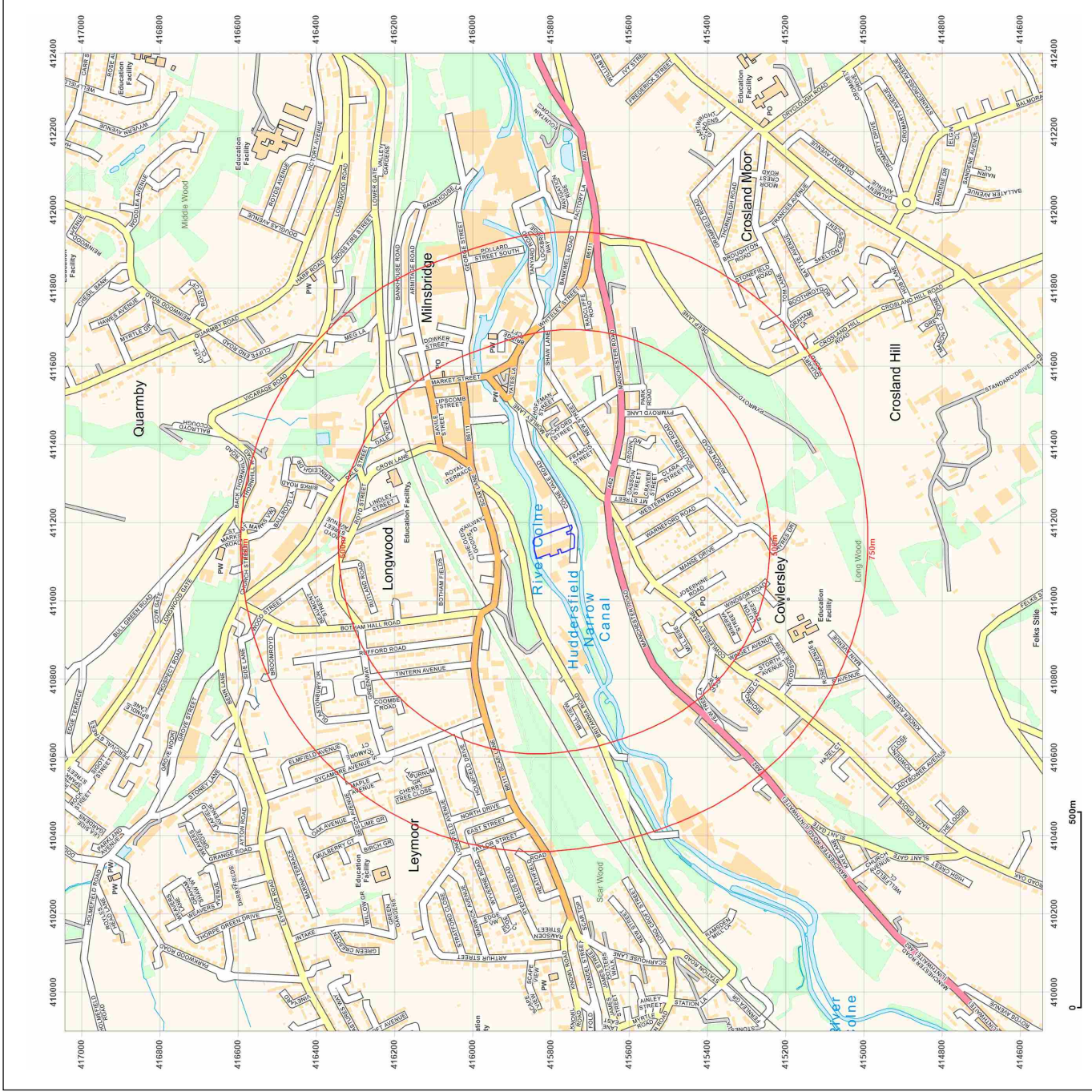


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## Appendix 3

### Groundsure Reports

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COLNE VALE BUSINESS PARK, COLNE VALE ROAD, MILNSBRIDGE, HUDDERSFIELD, HD3 4NY

## Order Details

**Date:** 18/12/2023  
**Your ref:** C4013\_23\_E\_6099\_PO-2838  
**Our Ref:** GS-F16-DXE-TDG-WSP

## Site Details

**Location:** 411130 415793  
**Area:** 0.56 ha  
**Authority:** [Kirklees 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	<a href="#">Past land use &gt;</a>	On site	0-50m	50-250m	250-500m	500-2000m
<a href="#">15 &gt;</a>	<a href="#">1.1 &gt;</a>	<a href="#">Historical industrial land uses &gt;</a>	5	10	43	64	-
<a href="#">20 &gt;</a>	<a href="#">1.2 &gt;</a>	<a href="#">Historical tanks &gt;</a>	0	13	20	16	-
<a href="#">22 &gt;</a>	<a href="#">1.3 &gt;</a>	<a href="#">Historical energy features &gt;</a>	2	0	4	13	-
23	1.4	Historical petrol stations	0	0	0	0	-
<a href="#">23 &gt;</a>	<a href="#">1.5 &gt;</a>	<a href="#">Historical garages &gt;</a>	0	0	4	14	-
24	1.6	Historical military land	0	0	0	0	-
Page	Section	<a href="#">Past land use - un-grouped &gt;</a>	On site	0-50m	50-250m	250-500m	500-2000m
<a href="#">25 &gt;</a>	<a href="#">2.1 &gt;</a>	<a href="#">Historical industrial land uses &gt;</a>	8	12	54	99	-
<a href="#">32 &gt;</a>	<a href="#">2.2 &gt;</a>	<a href="#">Historical tanks &gt;</a>	0	19	27	22	-
<a href="#">34 &gt;</a>	<a href="#">2.3 &gt;</a>	<a href="#">Historical energy features &gt;</a>	3	0	11	25	-
36	2.4	Historical petrol stations	0	0	0	0	-
<a href="#">36 &gt;</a>	<a href="#">2.5 &gt;</a>	<a href="#">Historical garages &gt;</a>	0	0	7	17	-
Page	Section	<a href="#">Waste and landfill &gt;</a>	On site	0-50m	50-250m	250-500m	500-2000m
38	3.1	Active or recent landfill	0	0	0	0	-
38	3.2	Historical landfill (BGS records)	0	0	0	0	-
39	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
<a href="#">39 &gt;</a>	<a href="#">3.4 &gt;</a>	<a href="#">Historical landfill (EA/NRW records) &gt;</a>	0	0	1	0	-
<a href="#">39 &gt;</a>	<a href="#">3.5 &gt;</a>	<a href="#">Historical waste sites &gt;</a>	2	0	1	1	-
<a href="#">41 &gt;</a>	<a href="#">3.6 &gt;</a>	<a href="#">Licensed waste sites &gt;</a>	0	4	8	1	-
<a href="#">44 &gt;</a>	<a href="#">3.7 &gt;</a>	<a href="#">Waste exemptions &gt;</a>	3	3	6	19	-
Page	Section	<a href="#">Current industrial land use &gt;</a>	On site	0-50m	50-250m	250-500m	500-2000m
<a href="#">48 &gt;</a>	<a href="#">4.1 &gt;</a>	<a href="#">Recent industrial land uses &gt;</a>	2	6	22	-	-
<a href="#">50 &gt;</a>	<a href="#">4.2 &gt;</a>	<a href="#">Current or recent petrol stations &gt;</a>	0	0	0	4	-
51	4.3	Electricity cables	0	0	0	0	-
51	4.4	Gas pipelines	0	0	0	0	-
51	4.5	Sites determined as Contaminated Land	0	0	0	0	-



51	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
52	4.7	Regulated explosive sites	0	0	0	0	-
52	4.8	Hazardous substance storage/usage	0	0	0	0	-
<a href="#">52</a> >	<a href="#">4.9</a> >	<a href="#">Historical licensed industrial activities (IPC)</a> >	0	0	7	0	-
<a href="#">53</a> >	<a href="#">4.10</a> >	<a href="#">Licensed industrial activities (Part A(1))</a> >	0	0	0	2	-
<a href="#">54</a> >	<a href="#">4.11</a> >	<a href="#">Licensed pollutant release (Part A(2)/B)</a> >	0	0	0	2	-
54	4.12	Radioactive Substance Authorisations	0	0	0	0	-
<a href="#">54</a> >	<a href="#">4.13</a> >	<a href="#">Licensed Discharges to controlled waters</a> >	0	0	0	24	-
58	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
59	4.15	Pollutant release to public sewer	0	0	0	0	-
59	4.16	List 1 Dangerous Substances	0	0	0	0	-
59	4.17	List 2 Dangerous Substances	0	0	0	0	-
<a href="#">59</a> >	<a href="#">4.18</a> >	<a href="#">Pollution Incidents (EA/NRW)</a> >	0	1	6	6	-
61	4.19	Pollution inventory substances	0	0	0	0	-
61	4.20	Pollution inventory waste transfers	0	0	0	0	-
61	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	<a href="#">Hydrogeology</a> >	On site	0-50m	50-250m	250-500m	500-2000m
<a href="#">62</a> >	<a href="#">5.1</a> >	<a href="#">Superficial aquifer</a> >	Identified (within 500m)				
<a href="#">63</a> >	<a href="#">5.2</a> >	<a href="#">Bedrock aquifer</a> >	Identified (within 500m)				
<a href="#">64</a> >	<a href="#">5.3</a> >	<a href="#">Groundwater vulnerability</a> >	Identified (within 50m)				
65	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
65	5.5	Groundwater vulnerability- local information	None (within 0m)				
<a href="#">66</a> >	<a href="#">5.6</a> >	<a href="#">Groundwater abstractions</a> >	0	0	0	0	22
<a href="#">72</a> >	<a href="#">5.7</a> >	<a href="#">Surface water abstractions</a> >	0	0	0	0	27
<a href="#">79</a> >	<a href="#">5.8</a> >	<a href="#">Potable abstractions</a> >	0	0	0	0	6
80	5.9	Source Protection Zones	0	0	0	0	-
81	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	<a href="#">Hydrology</a> >	On site	0-50m	50-250m	250-500m	500-2000m
<a href="#">82</a> >	<a href="#">6.1</a> >	<a href="#">Water Network (OS MasterMap)</a> >	0	5	1	-	-



<a href="#">83</a> >	<a href="#">6.2</a> >	<a href="#">Surface water features</a> >	1	0	0	-	-
<a href="#">83</a> >	<a href="#">6.3</a> >	<a href="#">WFD Surface water body catchments</a> >	1	-	-	-	-
<a href="#">84</a> >	<a href="#">6.4</a> >	<a href="#">WFD Surface water bodies</a> >	1	1	0	-	-
<a href="#">84</a> >	<a href="#">6.5</a> >	<a href="#">WFD Groundwater bodies</a> >	1	-	-	-	-
Page	Section	<a href="#">River and coastal flooding</a> >	On site	0-50m	50-250m	250-500m	500-2000m
<a href="#">86</a> >	<a href="#">7.1</a> >	<a href="#">Risk of flooding from rivers and the sea</a> >	High (within 50m)				
87	7.2	Historical Flood Events	0	0	0	-	-
87	7.3	Flood Defences	0	0	0	-	-
87	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
87	7.5	Flood Storage Areas	0	0	0	-	-
<a href="#">88</a> >	<a href="#">7.6</a> >	<a href="#">Flood Zone 2</a> >	Identified (within 50m)				
<a href="#">89</a> >	<a href="#">7.7</a> >	<a href="#">Flood Zone 3</a> >	Identified (within 50m)				
Page	Section	<a href="#">Surface water flooding</a> >					
<a href="#">90</a> >	<a href="#">8.1</a> >	<a href="#">Surface water flooding</a> >	1 in 30 year, Greater than 1.0m (within 50m)				
Page	Section	<a href="#">Groundwater flooding</a> >					
<a href="#">92</a> >	<a href="#">9.1</a> >	<a href="#">Groundwater flooding</a> >	Low (within 50m)				
Page	Section	<a href="#">Environmental designations</a> >	On site	0-50m	50-250m	250-500m	500-2000m
93	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
94	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
94	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
94	10.4	Special Protection Areas (SPA)	0	0	0	0	0
94	10.5	National Nature Reserves (NNR)	0	0	0	0	0
<a href="#">95</a> >	<a href="#">10.6</a> >	<a href="#">Local Nature Reserves (LNR)</a> >	0	0	0	0	1
<a href="#">95</a> >	<a href="#">10.7</a> >	<a href="#">Designated Ancient Woodland</a> >	0	0	0	0	1
95	10.8	Biosphere Reserves	0	0	0	0	0
96	10.9	Forest Parks	0	0	0	0	0
96	10.10	Marine Conservation Zones	0	0	0	0	0
<a href="#">96</a> >	<a href="#">10.11</a> >	<a href="#">Green Belt</a> >	0	1	0	0	0
96	10.12	Proposed Ramsar sites	0	0	0	0	0



97	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
97	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
97	10.15	Nitrate Sensitive Areas	0	0	0	0	0
97	10.16	Nitrate Vulnerable Zones	0	0	0	0	0
<b>98 &gt;</b>	<b>10.17 &gt;</b>	<b><u>SSSI Impact Risk Zones &gt;</u></b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
99	10.18	SSSI Units	0	0	0	0	0
Page	Section	<b><u>Visual and cultural designations &gt;</u></b>	On site	0-50m	50-250m	250-500m	500-2000m
100	11.1	World Heritage Sites	0	0	0	-	-
101	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
101	11.3	National Parks	0	0	0	-	-
101	11.4	Listed Buildings	0	0	0	-	-
<b>101 &gt;</b>	<b>11.5 &gt;</b>	<b><u>Conservation Areas &gt;</u></b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>-</b>	<b>-</b>
102	11.6	Scheduled Ancient Monuments	0	0	0	-	-
102	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	<b><u>Agricultural designations &gt;</u></b>	On site	0-50m	50-250m	250-500m	500-2000m
<b>103 &gt;</b>	<b>12.1 &gt;</b>	<b><u>Agricultural Land Classification &gt;</u></b>	Urban (within 250m)				
104	12.2	Open Access Land	0	0	0	-	-
104	12.3	Tree Felling Licences	0	0	0	-	-
104	12.4	Environmental Stewardship Schemes	0	0	0	-	-
104	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	<b><u>Habitat designations &gt;</u></b>	On site	0-50m	50-250m	250-500m	500-2000m
<b>105 &gt;</b>	<b>13.1 &gt;</b>	<b><u>Priority Habitat Inventory &gt;</u></b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>-</b>	<b>-</b>
106	13.2	Habitat Networks	0	0	0	-	-
<b>106 &gt;</b>	<b>13.3 &gt;</b>	<b><u>Open Mosaic Habitat &gt;</u></b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>-</b>	<b>-</b>
106	13.4	Limestone Pavement Orders	0	0	0	-	-
Page	Section	<b><u>Geology 1:10,000 scale &gt;</u></b>	On site	0-50m	50-250m	250-500m	500-2000m
<b>107 &gt;</b>	<b>14.1 &gt;</b>	<b><u>10k Availability &gt;</u></b>	Identified (within 500m)				
<b>108 &gt;</b>	<b>14.2 &gt;</b>	<b><u>Artificial and made ground (10k) &gt;</u></b>	<b>0</b>	<b>1</b>	<b>8</b>	<b>4</b>	<b>-</b>
<b>110 &gt;</b>	<b>14.3 &gt;</b>	<b><u>Superficial geology (10k) &gt;</u></b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>-</b>



111	14.4	Landslip (10k)	0	0	0	0	-
<a href="#">112</a> >	<a href="#">14.5</a> >	<a href="#">Bedrock geology (10k)</a> >	1	1	1	2	-
113	14.6	Bedrock faults and other linear features (10k)	0	0	0	0	-
Page	Section	<a href="#">Geology 1:50,000 scale</a> >	On site	0-50m	50-250m	250-500m	500-2000m
<a href="#">114</a> >	<a href="#">15.1</a> >	<a href="#">50k Availability</a> >	Identified (within 500m)				
<a href="#">115</a> >	<a href="#">15.2</a> >	<a href="#">Artificial and made ground (50k)</a> >	0	0	3	2	-
116	15.3	Artificial ground permeability (50k)	0	0	-	-	-
<a href="#">117</a> >	<a href="#">15.4</a> >	<a href="#">Superficial geology (50k)</a> >	1	0	0	0	-
<a href="#">118</a> >	<a href="#">15.5</a> >	<a href="#">Superficial permeability (50k)</a> >	Identified (within 50m)				
118	15.6	Landslip (50k)	0	0	0	0	-
118	15.7	Landslip permeability (50k)	None (within 50m)				
<a href="#">119</a> >	<a href="#">15.8</a> >	<a href="#">Bedrock geology (50k)</a> >	1	1	1	2	-
<a href="#">120</a> >	<a href="#">15.9</a> >	<a href="#">Bedrock permeability (50k)</a> >	Identified (within 50m)				
120	15.10	Bedrock faults and other linear features (50k)	0	0	0	0	-
Page	Section	<a href="#">Boreholes</a> >	On site	0-50m	50-250m	250-500m	500-2000m
<a href="#">121</a> >	<a href="#">16.1</a> >	<a href="#">BGS Boreholes</a> >	0	1	14	-	-
Page	Section	<a href="#">Natural ground subsidence</a> >					
<a href="#">123</a> >	<a href="#">17.1</a> >	<a href="#">Shrink swell clays</a> >	Very low (within 50m)				
<a href="#">125</a> >	<a href="#">17.2</a> >	<a href="#">Running sands</a> >	Low (within 50m)				
<a href="#">127</a> >	<a href="#">17.3</a> >	<a href="#">Compressible deposits</a> >	Moderate (within 50m)				
<a href="#">129</a> >	<a href="#">17.4</a> >	<a href="#">Collapsible deposits</a> >	Very low (within 50m)				
<a href="#">131</a> >	<a href="#">17.5</a> >	<a href="#">Landslides</a> >	Moderate (within 50m)				
<a href="#">133</a> >	<a href="#">17.6</a> >	<a href="#">Ground dissolution of soluble rocks</a> >	Negligible (within 50m)				
Page	Section	<a href="#">Mining and ground workings</a> >	On site	0-50m	50-250m	250-500m	500-2000m
<a href="#">135</a> >	<a href="#">18.1</a> >	<a href="#">BritPits</a> >	0	0	0	3	-
<a href="#">136</a> >	<a href="#">18.2</a> >	<a href="#">Surface ground workings</a> >	4	11	21	-	-
138	18.3	Underground workings	0	0	0	0	0
138	18.4	Underground mining extents	0	0	0	0	-
138	18.5	Historical Mineral Planning Areas	0	0	0	0	-



<a href="#">138</a> >	<a href="#">18.6</a> >	<a href="#">Non-coal mining</a> >	1	0	0	0	1
139	18.7	JPB mining areas	None (within 0m)				
139	18.8	The Coal Authority non-coal mining	0	0	0	0	-
139	18.9	Researched mining	0	0	0	0	-
140	18.10	Mining record office plans	0	0	0	0	-
140	18.11	BGS mine plans	0	0	0	0	-
140	18.12	Coal mining	None (within 0m)				
140	18.13	Brine areas	None (within 0m)				
140	18.14	Gypsum areas	None (within 0m)				
141	18.15	Tin mining	None (within 0m)				
141	18.16	Clay mining	None (within 0m)				
Page	Section	Ground cavities and sinkholes	On site	0-50m	50-250m	250-500m	500-2000m
142	19.1	Natural cavities	0	0	0	0	-
142	19.2	Mining cavities	0	0	0	0	0
142	19.3	Reported recent incidents	0	0	0	0	-
142	19.4	Historical incidents	0	0	0	0	-
143	19.5	National karst database	0	0	0	0	-
Page	Section	<a href="#">Radon</a> >					
<a href="#">144</a> >	<a href="#">20.1</a> >	<a href="#">Radon</a> >	Between 3% and 5% (within 0m)				
Page	Section	<a href="#">Soil chemistry</a> >	On site	0-50m	50-250m	250-500m	500-2000m
<a href="#">146</a> >	<a href="#">21.1</a> >	<a href="#">BGS Estimated Background Soil Chemistry</a> >	1	4	-	-	-
146	21.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
147	21.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	<a href="#">Railway infrastructure and projects</a> >	On site	0-50m	50-250m	250-500m	500-2000m
148	22.1	Underground railways (London)	0	0	0	-	-
148	22.2	Underground railways (Non-London)	0	0	0	-	-
149	22.3	Railway tunnels	0	0	0	-	-
<a href="#">149</a> >	<a href="#">22.4</a> >	<a href="#">Historical railway and tunnel features</a> >	0	0	24	-	-
150	22.5	Royal Mail tunnels	0	0	0	-	-



150	22.6	Historical railways	0	0	0	-	-			
<b>150</b>	>	<b>22.7</b>	>	<b>Railways</b>	>	0	0	11	-	-
151	22.8	Crossrail 1	0	0	0	0	-			
151	22.9	Crossrail 2	0	0	0	0	-			
151	22.10	HS2	0	0	0	0	-			

## Recent aerial photograph



Capture Date: 30/05/2021

Site Area: 0.56ha



Contact us with any questions at:  
[info@groundsure.com](mailto:info@groundsure.com) ↗  
01273 257 755

Date: 18 December 2023

9

## Recent site history - 2018 aerial photograph



Capture Date: 01/07/2018

Site Area: 0.56ha



## Recent site history - 2012 aerial photograph



Capture Date: 26/03/2012

Site Area: 0.56ha



Contact us with any questions at:  
[info@groundsure.com](mailto:info@groundsure.com) ↗  
01273 257 755

Date: 18 December 2023



## Recent site history - 2000 aerial photograph



Capture Date: 25/08/2000

Site Area: 0.56ha



## Recent site history - 1999 aerial photograph



Capture Date: 05/09/1999

Site Area: 0.56ha



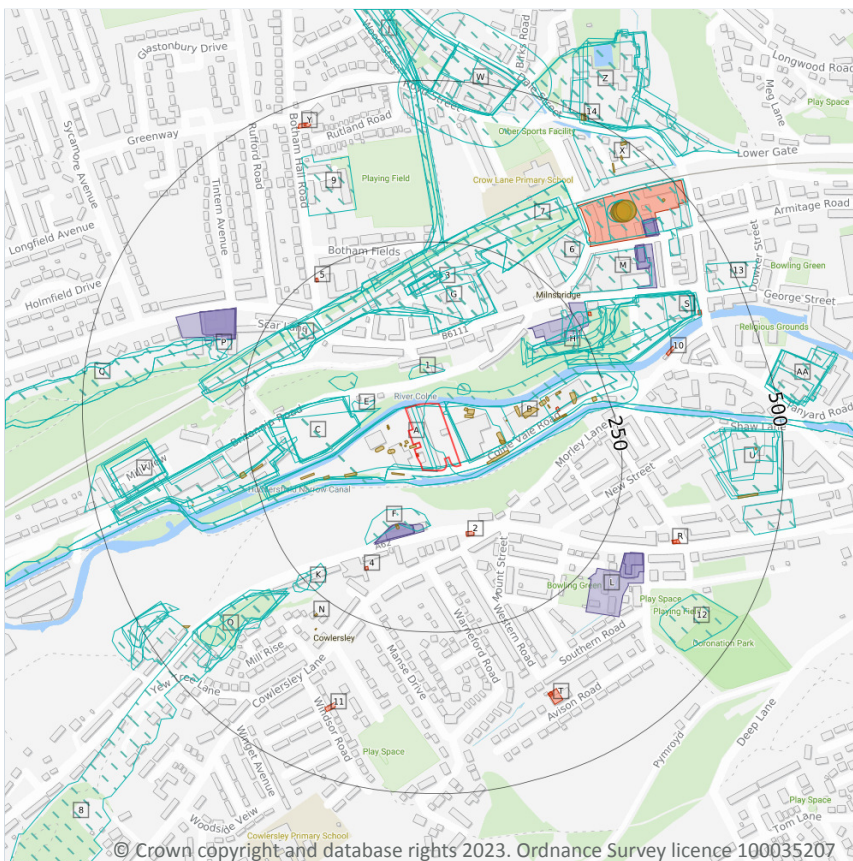
## OS MasterMap site plan



Site Area: 0.56ha







# 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

122

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
A	On site	Chemical Works	1938	1494974



ID	Location	Land use	Dates present	Group ID
<b>A</b>	<b>On site</b>	<b>Unspecified Works</b>	<b>1966 - 1985</b>	<b>1531753</b>
<b>A</b>	<b>On site</b>	<b>Chemical Works</b>	<b>1948 - 1956</b>	<b>1534170</b>
<b>A</b>	<b>On site</b>	<b>Chemical Works</b>	<b>1905</b>	<b>1544898</b>
<b>B</b>	<b>On site</b>	<b>Unspecified Mill</b>	<b>1905</b>	<b>1551279</b>
B	2m NE	Unspecified Mill	1938 - 1948	1535317
B	7m NE	Unspecified Mill	1956	1469107
B	7m NE	Unspecified Works	1966 - 1975	1544077
A	9m S	Disused Canal	1985	1487658
A	9m S	Disused Canal	1975	1532635
B	34m NE	Unspecified Pit	1948	1451750
C	39m NW	Unspecified Mills	1890	1553002
1	41m N	Unspecified Pit	1890	1451748
D	47m NW	Unspecified Commercial/Industrial	1905	1410449
E	49m NW	Unspecified Ground Workings	1948	1412109
F	62m S	Unspecified Heap	1966 - 1985	1555893
C	74m W	Unspecified Mills	1938	1507252
C	75m W	Unspecified Mills	1956	1490892
C	75m W	Unspecified Mill	1966 - 1975	1465396
C	75m W	Unspecified Mills	1948	1547620
E	86m NW	Unspecified Heap	1985	1415060
G	108m N	Railway Sidings	1948	1459483
G	108m N	Railway Sidings	1890 - 1905	1490881
3	112m N	Railway Sidings	1966	1513864
G	112m N	Railway Sidings	1956	1524153
G	136m N	Railway Sidings	1938	1470453
G	136m N	Cuttings	1938	1540567
G	141m N	Cuttings	1890 - 1905	1500214
H	143m NE	Refuse Heap	1905	1436533



ID	Location	Land use	Dates present	Group ID
H	147m NE	Unspecified Ground Workings	1948 - 1956	1535284
B	150m E	Unspecified Works	1985	1478961
G	155m N	Cuttings	1948 - 1956	1537128
H	155m NE	Unspecified Ground Workings	1938	1512291
H	158m NE	Unspecified Mills	1966	1495300
H	158m NE	Unspecified Mill	1975	1534782
G	169m N	Goods Shed	1966	1498776
G	170m N	Goods Shed	1905	1516779
G	170m N	Goods Shed	1948	1530031
G	172m N	Railway Building	1890	1428981
D	173m W	Unspecified Mill	1985	1516809
G	173m N	Goods Shed	1956	1499752
G	174m N	Goods Shed	1938	1494571
I	176m NW	Cuttings	1905	1543600
I	176m NW	Cuttings	1948	1551316
H	181m NE	Unspecified Ground Workings	1966 - 1985	1534432
J	186m N	Railway Sidings	1948	1499311
J	191m N	Railway Sidings	1905	1549680
D	194m W	Unspecified Mills	1938	1555234
D	196m W	Unspecified Mills	1948	1459338
D	197m W	Unspecified Mill	1966 - 1975	1511024
D	197m W	Unspecified Mills	1956	1555957
D	204m W	Unspecified Mill	1890	1488336
H	207m NE	Unspecified Mills	1948	1482660
H	208m NE	Unspecified Mills	1956	1549867
H	209m NE	Unspecified Mills	1938	1481557
K	214m SW	Unspecified Quarry	1890	1426579
H	231m NE	Unspecified Mills	1890	1525708



ID	Location	Land use	Dates present	Group ID
K	237m SW	Unspecified Pit	1905	1451749
M	266m NE	Unspecified Depot	1975 - 1985	1467375
H	272m NE	Unspecified Mills	1905	1498809
6	273m NE	Telephone Exchange	1975 - 1985	1545238
O	278m SW	Unspecified Ground Workings	1956	1515320
7	279m NE	Unspecified Heap	1956 - 1985	1496975
O	281m SW	Unspecified Quarry	1905	1426578
O	281m SW	Unspecified Ground Workings	1948	1506265
8	282m SW	Unspecified Quarries	1930	1492947
P	287m NW	Unspecified Pit	1966 - 1985	1495133
Q	287m W	Unspecified Quarry	1890	1486722
O	301m SW	Unspecified Ground Workings	1966 - 1985	1540941
Q	316m NW	Unspecified Quarry	1905	1520458
Q	316m NW	Unspecified Quarry	1948	1547139
9	317m N	Unspecified Works	1975 - 1985	1538735
M	338m NE	Unspecified Works	1985	1438142
M	339m NE	Gas Works	1905	1414810
S	372m NE	Unspecified Mill	1985	1555220
U	379m E	Unspecified Mill	1938 - 1948	1557841
V	379m W	Unspecified Mill	1975	1475760
V	381m W	Unspecified Commercial/Industrial	1966	1410446
V	381m W	Unspecified Mills	1956	1552096
V	383m W	Unspecified Mills	1890	1474213
U	384m E	Unspecified Mill	1966 - 1985	1473852
V	386m W	Unspecified Mills	1905	1487657
12	388m SE	Unspecified Ground Workings	1966 - 1985	1476216
M	390m NE	Gasometer	1905	1420657
M	390m NE	Unspecified Tank	1948	1501307



ID	Location	Land use	Dates present	Group ID
M	396m NE	Unspecified Tank	1890	1459152
O	397m SW	Unspecified Heap	1966 - 1985	1528915
U	398m E	Unspecified Mill	1956	1541226
M	399m NE	Unspecified Tank	1938	1458793
M	400m NE	Unspecified Tank	1956 - 1966	1488278
U	404m E	Unspecified Mill	1905	1472908
W	405m N	Unspecified Mills	1956	1463582
U	409m E	Unspecified Mill	1890	1529650
X	413m NE	Unspecified Works	1966	1438141
M	423m NE	Unspecified Mills	1985	1419106
O	434m SW	Refuse Heap	1966 - 1985	1461411
O	440m SW	Unspecified Works	1975 - 1985	1531021
U	445m E	Unspecified Works	1985	1438139
O	451m SW	Refuse Heap	1930	1528950
13	453m NE	Unspecified Works	1975 - 1985	1494201
O	453m SW	Refuse Heap	1948	1531573
W	453m N	Unspecified Mills	1890 - 1905	1485105
W	453m N	Unspecified Mills	1948 - 1985	1530813
O	454m SW	Refuse Heap	1956	1516151
W	454m N	Woollen Mills	1890	1411708
W	455m N	Unspecified Commercial/Industrial	1966	1410454
W	455m N	Unspecified Mills	1938	1554151
W	481m N	Unspecified Mills	1948	1472053
W	482m N	Unspecified Mill	1975	1421187
Z	482m N	Unspecified Mills	1956	1467730
Z	484m N	Unspecified Mills	1938	1475711
AA	486m E	Unspecified Mill	1948	1493071
Z	487m NE	Unspecified Mills	1890 - 1905	1529533



ID	Location	Land use	Dates present	Group ID
Z	489m NE	Unspecified Mills	1948	1529420
AA	490m E	Unspecified Mill	1938	1525004
AA	491m E	Unspecified Mill	1956	1490348
W	494m N	Railway Sidings	1890	1473789
AA	495m E	Unspecified Mills	1966 - 1975	1510108
Z	495m NE	Unspecified Mill	1975 - 1985	1489919
Z	495m NE	Unspecified Mill	1966	1514021
AA	495m E	Unspecified Works	1985	1496992
O	498m SW	Unspecified Heap	1966 - 1985	1477853

*This data is sourced from Ordnance Survey / Groundsure.*

## 1.2 Historical tanks

**Records within 500m**

**49**

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
A	1m SW	Unspecified Tank	1918	222893
A	6m W	Unspecified Tank	1996	222894
A	11m W	Unspecified Tank	1982 - 1990	244200
A	17m W	Unspecified Tank	1932	222897
A	29m SW	Tanks	1907	230316
A	30m W	Unspecified Tank	1996	248836
A	30m W	Unspecified Tank	1982 - 1990	244074
A	30m W	Unspecified Tank	1893 - 1907	245684
B	31m NE	Filter Tanks	1932	233301



ID	Location	Land use	Dates present	Group ID
B	33m NE	Filter Tanks	1932	233299
B	36m NE	Filter Tanks	1907 - 1918	241208
B	41m SE	Tanks	1893 - 1932	239428
A	44m W	Tanks	1893	230312
B	68m E	Tanks	1982	236701
B	69m E	Tanks	1990 - 1996	233677
B	89m E	Unspecified Tank	1932	222895
F	92m S	Unspecified Tank	1961	222874
F	94m S	Unspecified Tank	1960	222873
A	96m SW	Tanks	1907	230315
B	108m E	Tanks	1918	230311
B	117m E	Tanks	1990 - 1996	234591
A	139m W	Unspecified Tank	1918	222875
B	147m E	Tanks	1982	230310
B	158m E	Unspecified Tank	1982	222896
B	159m E	Tanks	1982 - 1996	247681
B	159m E	Unspecified Tank	1907	244271
A	160m W	Tanks	1932	230314
B	174m E	Unspecified Tank	1932	244594
B	175m E	Tanks	1982 - 1996	239594
B	182m E	Tanks	1996	230280
B	196m E	Tanks	1918 - 1932	238160
B	226m E	Unspecified Tank	1907	222892
D	232m W	Tanks	1932	230313
D	260m W	Tanks	1893 - 1918	248830
N	276m SW	Unspecified Tank	1913	222876
N	295m SW	Unspecified Tank	1892	222869
D	353m W	Unspecified Tank	1893	222860



ID	Location	Land use	Dates present	Group ID
M	394m NE	Gasometer	1907	229564
M	397m NE	Unspecified Tank	1932	249891
M	397m NE	Unspecified Tank	1893 - 1961	242744
M	401m NE	Unspecified Tank	1961	240836
U	432m E	Tanks	1983 - 1997	247517
O	434m SW	Unspecified Tank	1961	222861
X	449m NE	Tanks	1932	230279
U	456m E	Unspecified Tank	1918 - 1932	249606
M	468m NE	Unspecified Tank	1893	223042
X	472m NE	Tanks	1932	230281
X	490m NE	Unspecified Tank	1932	223040
14	492m NE	Tanks	1893	230284

*This data is sourced from Ordnance Survey / Groundsure.*

### 1.3 Historical energy features

#### Records within 500m

19

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
<b>A</b>	<b>On site</b>	<b>Electricity Substation</b>	<b>1996</b>	<b>139072</b>
<b>A</b>	<b>On site</b>	<b>Electricity Substation</b>	<b>1982 - 1990</b>	<b>140817</b>
2	102m S	Electricity Substation	1982 - 1996	139263
B	168m E	Electricity Substation	1982 - 1996	139874
4	172m SW	Electricity Substation	1982 - 1996	145043
5	238m NW	Electricity Substation	1990 - 1993	135741



ID	Location	Land use	Dates present	Group ID
H	269m NE	Electricity Substation	1982 - 1996	139523
M	338m NE	Gas and Drysaltery Works	1893 - 1907	134687
R	348m SE	Electricity Substation	1983 - 1997	137521
R	348m SE	Electricity Substation	1990	136532
10	357m E	Electricity Substation	1983 - 1997	143457
T	376m SE	Electricity Substation	1993	139143
T	377m SE	Electricity Substation	1990	146224
T	378m SE	Electricity Substation	1993	133379
11	384m S	Electricity Substation	1995	128882
M	394m NE	Gasometer	1907	131421
S	424m NE	Electricity Substation	1983 - 1997	134534
Y	461m N	Electricity Substations	1990 - 1993	144343
Y	464m N	Electricity Substation	1970	128881

*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**

**18**

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
F	84m S	Garage	1996	42473
F	87m S	Service Station	1960 - 1961	45217
F	88m S	Garage	1982 - 1990	45824
H	181m NE	Garage	1996	45835
L	264m SE	Service Station	1961	43615
P	284m NW	Garage	1993	41929
P	284m NW	Garage	1961	41757
P	286m NW	Garage	1960	43210
P	286m NW	Garage	1961	42351
L	288m SE	Service Station	1960	42635
L	290m SE	Garage	1982	41081
M	356m NE	Garage	1993 - 1996	46248
M	373m NE	Garage	1961 - 1984	45078
M	379m NE	Garage	1961	43136
M	412m NE	Garage	1993 - 1996	45042
M	413m NE	Garage	1961	44236
M	413m NE	Garage	1961	42236
M	414m NE	Garage	1984	43627

*This data is sourced from Ordnance Survey / Groundsure.*

## 1.6 Historical military land

**Records within 500m**

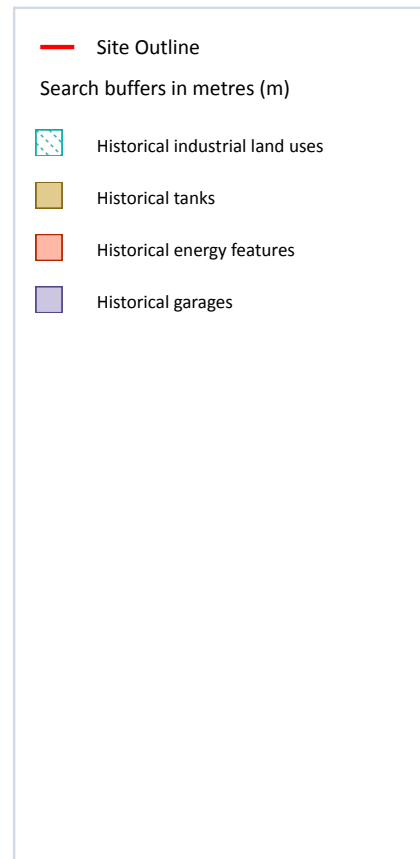
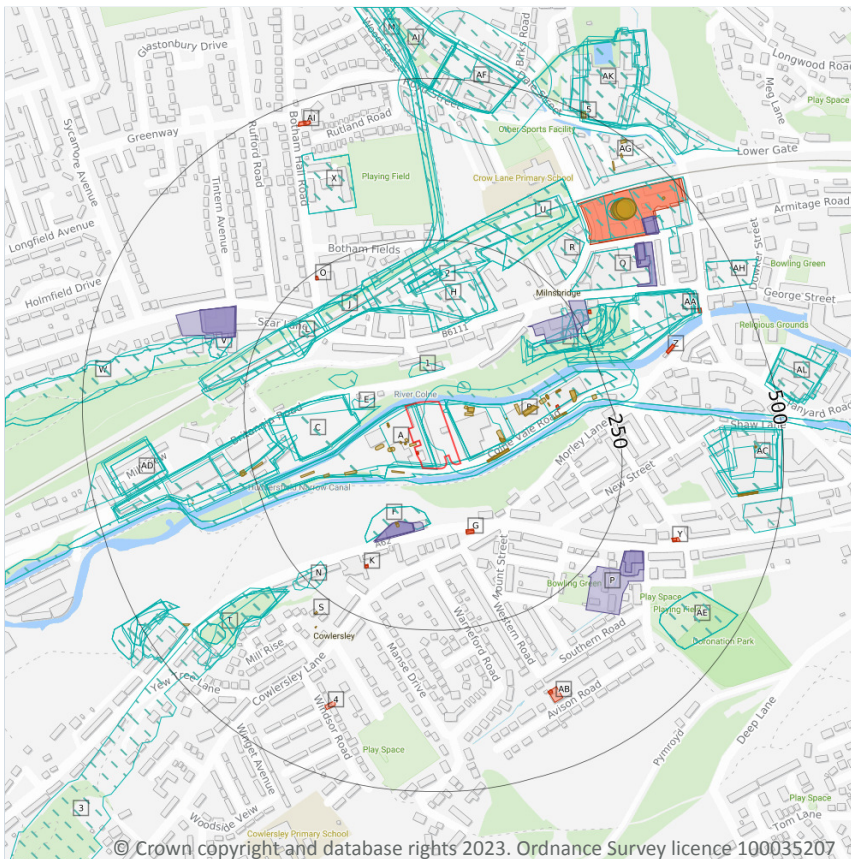
**0**

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

173

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 25 >](#)

ID	Location	Land Use	Date	Group ID
A	On site	Unspecified Works	1975	1531753
A	On site	Chemical Works	1956	1534170
A	On site	Chemical Works	1948	1534170

ID	Location	Land Use	Date	Group ID
<b>A</b>	<b>On site</b>	<b>Chemical Works</b>	<b>1905</b>	<b>1544898</b>
<b>A</b>	<b>On site</b>	<b>Unspecified Works</b>	<b>1985</b>	<b>1531753</b>
<b>A</b>	<b>On site</b>	<b>Unspecified Works</b>	<b>1966</b>	<b>1531753</b>
<b>A</b>	<b>On site</b>	<b>Chemical Works</b>	<b>1938</b>	<b>1494974</b>
<b>B</b>	<b>On site</b>	<b>Unspecified Mill</b>	<b>1905</b>	<b>1551279</b>
B	2m NE	Unspecified Mill	1948	1535317
B	7m NE	Unspecified Works	1975	1544077
B	7m NE	Unspecified Mill	1956	1469107
B	7m NE	Unspecified Works	1966	1544077
A	9m S	Disused Canal	1975	1532635
A	9m S	Disused Canal	1985	1487658
B	9m NE	Unspecified Mill	1938	1535317
B	34m NE	Unspecified Pit	1948	1451750
C	39m NW	Unspecified Mills	1890	1553002
1	41m N	Unspecified Pit	1890	1451748
D	47m NW	Unspecified Commercial/Industrial	1905	1410449
E	49m NW	Unspecified Ground Workings	1948	1412109
F	62m S	Unspecified Heap	1975	1555893
F	62m S	Unspecified Heap	1985	1555893
F	62m S	Unspecified Heap	1966	1555893
C	74m W	Unspecified Mills	1938	1507252
C	75m W	Unspecified Mill	1975	1465396
C	75m W	Unspecified Mills	1956	1490892
C	75m W	Unspecified Mill	1966	1465396
C	75m W	Unspecified Mills	1948	1547620
E	86m NW	Unspecified Heap	1985	1415060
H	108m N	Railway Sidings	1948	1459483
H	108m N	Railway Sidings	1905	1490881



ID	Location	Land Use	Date	Group ID
2	112m N	Railway Sidings	1966	1513864
H	112m N	Railway Sidings	1956	1524153
H	129m N	Railway Sidings	1890	1490881
H	136m N	Railway Sidings	1938	1470453
H	136m N	Cuttings	1938	1540567
H	141m N	Cuttings	1890	1500214
I	143m NE	Refuse Heap	1905	1436533
I	147m NE	Unspecified Ground Workings	1948	1535284
B	150m E	Unspecified Works	1985	1478961
J	155m N	Cuttings	1948	1537128
J	155m N	Cuttings	1905	1500214
I	155m NE	Unspecified Ground Workings	1938	1512291
I	155m NE	Unspecified Ground Workings	1938	1512291
I	158m NE	Unspecified Mill	1975	1534782
I	158m NE	Unspecified Mills	1966	1495300
J	159m NW	Cuttings	1956	1537128
H	169m N	Goods Shed	1966	1498776
H	170m N	Goods Shed	1948	1530031
H	170m N	Goods Shed	1905	1516779
H	172m N	Railway Building	1890	1428981
D	173m W	Unspecified Mill	1985	1516809
H	173m N	Goods Shed	1956	1499752
H	174m N	Goods Shed	1938	1494571
L	176m NW	Cuttings	1948	1551316
L	176m NW	Cuttings	1905	1543600
I	181m NE	Unspecified Ground Workings	1975	1534432
I	181m NE	Unspecified Ground Workings	1985	1534432
I	181m NE	Unspecified Ground Workings	1966	1534432



ID	Location	Land Use	Date	Group ID
M	186m N	Railway Sidings	1948	1499311
M	191m N	Railway Sidings	1905	1549680
D	194m W	Unspecified Mills	1938	1555234
D	196m W	Unspecified Mills	1948	1459338
D	197m W	Unspecified Mill	1975	1511024
D	197m W	Unspecified Mills	1956	1555957
D	197m W	Unspecified Mill	1966	1511024
D	204m W	Unspecified Mill	1890	1488336
I	207m NE	Unspecified Mills	1948	1482660
I	208m NE	Unspecified Mills	1956	1549867
I	209m NE	Unspecified Mills	1938	1481557
N	214m SW	Unspecified Quarry	1890	1426579
I	229m NE	Unspecified Ground Workings	1956	1535284
I	231m NE	Unspecified Mills	1890	1525708
N	237m SW	Unspecified Pit	1905	1451749
Q	266m NE	Unspecified Depot	1975	1467375
Q	266m NE	Unspecified Depot	1985	1467375
I	272m NE	Unspecified Mills	1905	1498809
R	273m NE	Telephone Exchange	1975	1545238
R	273m NE	Telephone Exchange	1985	1545238
T	278m SW	Unspecified Ground Workings	1956	1515320
U	279m NE	Unspecified Heap	1975	1496975
U	279m NE	Unspecified Heap	1956	1496975
U	279m NE	Unspecified Heap	1985	1496975
U	279m NE	Unspecified Heap	1966	1496975
T	281m SW	Unspecified Quarry	1905	1426578
T	281m SW	Unspecified Ground Workings	1948	1506265
3	282m SW	Unspecified Quarries	1930	1492947



ID	Location	Land Use	Date	Group ID
V	287m NW	Unspecified Pit	1975	1495133
V	287m NW	Unspecified Pit	1985	1495133
V	287m NW	Unspecified Pit	1966	1495133
W	287m W	Unspecified Quarry	1890	1486722
D	292m W	Unspecified Mills	1948	1459338
T	301m SW	Unspecified Ground Workings	1975	1540941
T	301m SW	Unspecified Ground Workings	1985	1540941
T	301m SW	Unspecified Ground Workings	1966	1540941
W	316m NW	Unspecified Quarry	1948	1547139
W	316m NW	Unspecified Quarry	1905	1520458
X	317m N	Unspecified Works	1975	1538735
X	317m N	Unspecified Works	1985	1538735
Q	338m NE	Unspecified Works	1985	1438142
Q	339m NE	Gas Works	1905	1414810
AA	372m NE	Unspecified Mill	1985	1555220
AC	379m E	Unspecified Mill	1948	1557841
AD	379m W	Unspecified Mill	1975	1475760
AD	381m W	Unspecified Mills	1956	1552096
AD	381m W	Unspecified Commercial/Industrial	1966	1410446
AD	383m W	Unspecified Mills	1890	1474213
AC	384m E	Unspecified Mill	1975	1473852
AC	384m E	Unspecified Mill	1985	1473852
AC	384m E	Unspecified Mill	1966	1473852
AC	385m E	Unspecified Mill	1938	1557841
AD	386m W	Unspecified Mills	1905	1487657
AE	388m SE	Unspecified Ground Workings	1975	1476216
AE	388m SE	Unspecified Ground Workings	1985	1476216
AE	388m SE	Unspecified Ground Workings	1966	1476216



ID	Location	Land Use	Date	Group ID
Q	390m NE	Unspecified Tank	1948	1501307
Q	390m NE	Gasometer	1905	1420657
Q	396m NE	Unspecified Tank	1890	1459152
T	397m SW	Unspecified Heap	1975	1528915
T	397m SW	Unspecified Heap	1985	1528915
T	397m SW	Unspecified Heap	1966	1528915
AC	398m E	Unspecified Mill	1956	1541226
Q	399m NE	Unspecified Tank	1938	1458793
Q	400m NE	Unspecified Tank	1956	1488278
Q	400m NE	Unspecified Tank	1966	1488278
AC	404m E	Unspecified Mill	1905	1472908
AF	405m N	Unspecified Mills	1956	1463582
AC	409m E	Unspecified Mill	1890	1529650
AG	413m NE	Unspecified Works	1966	1438141
Q	423m NE	Unspecified Mills	1985	1419106
T	434m SW	Refuse Heap	1975	1461411
T	434m SW	Refuse Heap	1985	1461411
T	434m SW	Refuse Heap	1966	1461411
T	440m SW	Unspecified Works	1985	1531021
T	441m SW	Unspecified Works	1975	1531021
AC	445m E	Unspecified Works	1985	1438139
T	451m SW	Refuse Heap	1930	1528950
T	451m SW	Refuse Heap	1930	1528950
AH	453m NE	Unspecified Works	1975	1494201
AH	453m NE	Unspecified Works	1985	1494201
T	453m SW	Refuse Heap	1948	1531573
AF	453m N	Unspecified Mills	1948	1530813
AF	453m N	Unspecified Mills	1905	1485105



ID	Location	Land Use	Date	Group ID
T	454m SW	Refuse Heap	1956	1516151
AF	454m N	Woollen Mills	1890	1411708
AF	455m N	Unspecified Mills	1975	1530813
AF	455m N	Unspecified Mills	1985	1530813
AF	455m N	Unspecified Commercial/Industrial	1966	1410454
AF	455m N	Unspecified Mills	1938	1554151
AJ	481m N	Unspecified Mills	1948	1472053
AJ	482m N	Unspecified Mill	1975	1421187
AK	482m N	Unspecified Mills	1956	1467730
AJ	483m N	Unspecified Mills	1890	1485105
AK	484m N	Unspecified Mills	1938	1475711
AJ	484m N	Unspecified Mills	1956	1530813
AJ	484m N	Unspecified Mills	1966	1530813
AL	486m E	Unspecified Mill	1948	1493071
AJ	486m N	Unspecified Mills	1938	1554151
AK	487m NE	Unspecified Mills	1905	1529533
AK	487m NE	Unspecified Mills	1890	1529533
AK	489m NE	Unspecified Mills	1948	1529420
AL	490m E	Unspecified Mill	1938	1525004
AL	491m E	Unspecified Mill	1956	1490348
AJ	494m N	Railway Sidings	1890	1473789
AL	495m E	Unspecified Mills	1975	1510108
AL	495m E	Unspecified Mills	1966	1510108
AK	495m NE	Unspecified Mill	1975	1489919
AK	495m NE	Unspecified Mill	1966	1514021
AK	495m NE	Unspecified Mill	1985	1489919
AL	495m E	Unspecified Works	1985	1496992
T	498m SW	Unspecified Heap	1975	1477853



ID	Location	Land Use	Date	Group ID
T	498m SW	Unspecified Heap	1985	1477853
T	498m SW	Unspecified Heap	1966	1477853

This data is sourced from Ordnance Survey / Groundsure.

## 2.2 Historical tanks

Records within 500m

68

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 25 >](#)

ID	Location	Land Use	Date	Group ID
A	1m SW	Unspecified Tank	1918	222893
A	6m W	Unspecified Tank	1996	222894
A	11m W	Unspecified Tank	1982	244200
A	11m W	Unspecified Tank	1990	244200
A	17m W	Unspecified Tank	1932	222897
A	29m SW	Tanks	1907	230316
A	30m W	Unspecified Tank	1996	248836
A	30m W	Unspecified Tank	1982	244074
A	30m W	Unspecified Tank	1990	244074
A	30m W	Unspecified Tank	1893	245684
B	31m NE	Filter Tanks	1932	233301
B	33m NE	Filter Tanks	1932	233299
A	35m W	Unspecified Tank	1907	245684
B	36m NE	Filter Tanks	1907	241208
B	37m NE	Filter Tanks	1918	241208
B	41m SE	Tanks	1893	239428
B	42m SE	Tanks	1907	239428
B	42m SE	Tanks	1932	239428



ID	Location	Land Use	Date	Group ID
A	44m W	Tanks	1893	230312
B	68m E	Tanks	1982	236701
B	69m E	Tanks	1990	233677
B	69m E	Tanks	1996	233677
B	89m E	Unspecified Tank	1932	222895
F	92m S	Unspecified Tank	1961	222874
F	94m S	Unspecified Tank	1960	222873
A	96m SW	Tanks	1907	230315
B	108m E	Tanks	1918	230311
B	117m E	Tanks	1990	234591
B	117m E	Tanks	1996	234591
A	139m W	Unspecified Tank	1918	222875
B	147m E	Tanks	1982	230310
B	158m E	Unspecified Tank	1982	222896
B	159m E	Tanks	1982	247681
B	159m E	Tanks	1990	247681
B	159m E	Tanks	1996	247681
B	159m E	Unspecified Tank	1907	244271
A	160m W	Tanks	1932	230314
B	174m E	Unspecified Tank	1932	244594
B	175m E	Tanks	1996	239594
B	175m E	Tanks	1982	239594
B	175m E	Tanks	1990	239594
B	182m E	Tanks	1996	230280
B	196m E	Tanks	1918	238160
B	196m E	Tanks	1932	238160
B	226m E	Unspecified Tank	1907	222892
D	232m W	Tanks	1932	230313



ID	Location	Land Use	Date	Group ID
D	260m W	Tanks	1893	248830
D	263m W	Tanks	1918	248830
S	276m SW	Unspecified Tank	1913	222876
S	295m SW	Unspecified Tank	1892	222869
D	353m W	Unspecified Tank	1893	222860
Q	394m NE	Gasometer	1907	229564
Q	397m NE	Unspecified Tank	1932	249891
Q	397m NE	Unspecified Tank	1893	242744
Q	401m NE	Unspecified Tank	1961	240836
Q	402m NE	Unspecified Tank	1961	242744
AC	432m E	Tanks	1990	247517
AC	432m E	Tanks	1983	247517
AC	433m E	Tanks	1997	247517
AC	433m E	Tanks	1993	247517
T	434m SW	Unspecified Tank	1961	222861
AG	449m NE	Tanks	1932	230279
AC	456m E	Unspecified Tank	1918	249606
AC	456m E	Unspecified Tank	1932	249606
Q	468m NE	Unspecified Tank	1893	223042
AG	472m NE	Tanks	1932	230281
AG	490m NE	Unspecified Tank	1932	223040
5	492m NE	Tanks	1893	230284

*This data is sourced from Ordnance Survey / Groundsure.*

## 2.3 Historical energy features

**Records within 500m**

**39**

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 25 >](#)

ID	Location	Land Use	Date	Group ID
<b>A</b>	<b>On site</b>	<b>Electricity Substation</b>	<b>1996</b>	<b>139072</b>
<b>A</b>	<b>On site</b>	<b>Electricity Substation</b>	<b>1982</b>	<b>140817</b>
<b>A</b>	<b>On site</b>	<b>Electricity Substation</b>	<b>1990</b>	<b>140817</b>
G	102m S	Electricity Substation	1982	139263
G	102m S	Electricity Substation	1990	139263
G	104m S	Electricity Substation	1996	139263
B	168m E	Electricity Substation	1996	139874
B	169m E	Electricity Substation	1982	139874
B	169m E	Electricity Substation	1990	139874
K	172m SW	Electricity Substation	1982	145043
K	172m SW	Electricity Substation	1990	145043
K	173m SW	Electricity Substation	1996	145043
O	238m NW	Electricity Substation	1993	135741
O	238m NW	Electricity Substation	1990	135741
I	269m NE	Electricity Substation	1982	139523
I	269m NE	Electricity Substation	1990	139523
I	270m NE	Electricity Substation	1996	139523
Q	338m NE	Gas and Drysaltery Works	1893	134687
Q	341m NE	Gas and Drysaltery Works	1907	134687
Y	348m SE	Electricity Substation	1997	137521
Y	348m SE	Electricity Substation	1993	137521
Y	348m SE	Electricity Substation	1990	136532
Y	348m SE	Electricity Substation	1983	137521
Z	357m E	Electricity Substation	1990	143457
Z	357m E	Electricity Substation	1983	143457
Z	358m E	Electricity Substation	1997	143457
Z	358m E	Electricity Substation	1993	143457



ID	Location	Land Use	Date	Group ID
AB	376m SE	Electricity Substation	1993	139143
AB	377m SE	Electricity Substation	1990	146224
AB	378m SE	Electricity Substation	1993	133379
4	384m S	Electricity Substation	1995	128882
Q	394m NE	Gasometer	1907	131421
AA	424m NE	Electricity Substation	1990	134534
AA	425m NE	Electricity Substation	1983	134534
AA	425m NE	Electricity Substation	1997	134534
AA	425m NE	Electricity Substation	1993	134534
AI	461m N	Electricity Substations	1993	144343
AI	461m N	Electricity Substations	1990	144343
AI	464m N	Electricity Substation	1970	128881

*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**

**24**

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 25 >](#)

ID	Location	Land Use	Date	Group ID
F	84m S	Garage	1996	42473

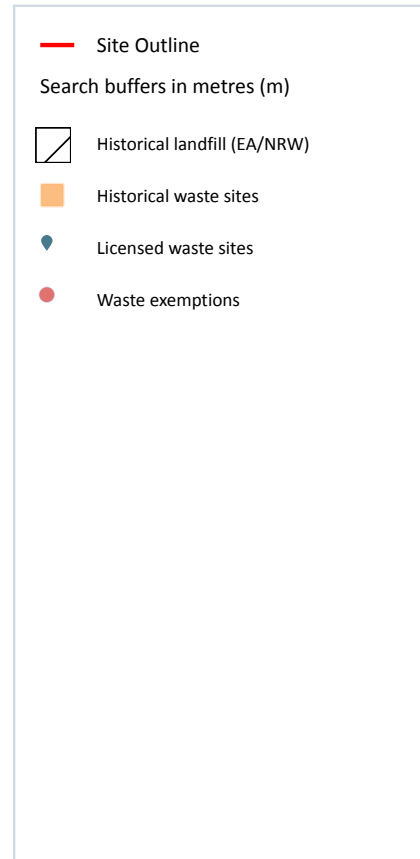
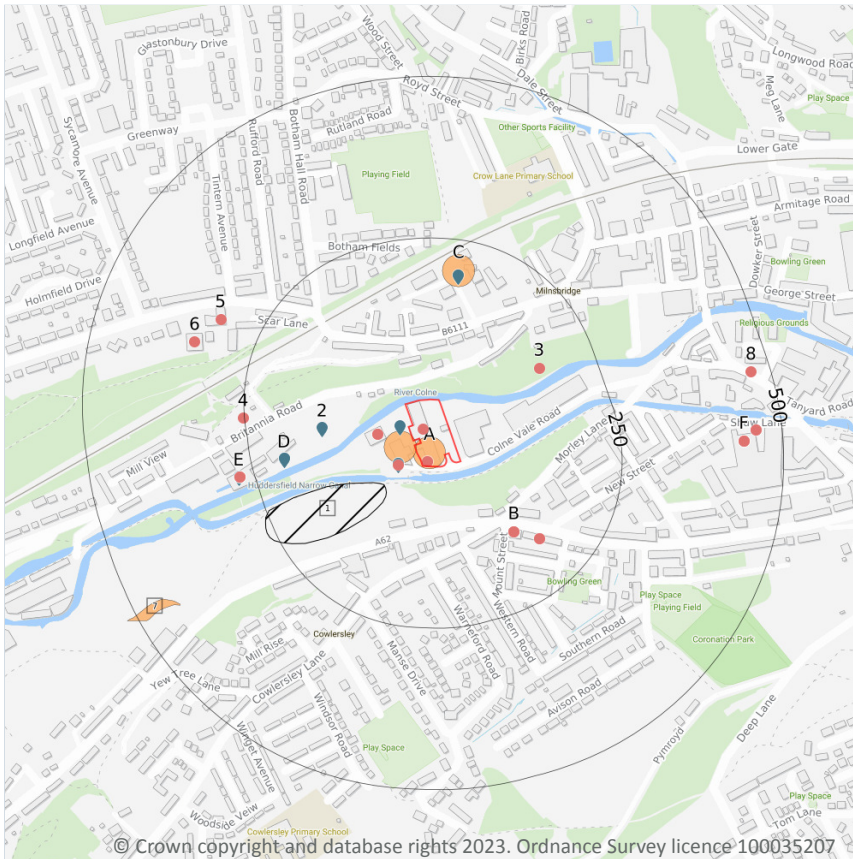


ID	Location	Land Use	Date	Group ID
F	87m S	Service Station	1960	45217
F	88m S	Service Station	1961	45217
F	88m S	Garage	1982	45824
F	88m S	Garage	1990	45824
I	181m NE	Garage	1996	45835
I	241m NE	Garage	1996	45835
P	264m SE	Service Station	1961	43615
V	284m NW	Garage	1993	41929
V	284m NW	Garage	1961	41757
V	286m NW	Garage	1960	43210
V	286m NW	Garage	1961	42351
P	288m SE	Service Station	1960	42635
P	290m SE	Garage	1982	41081
Q	356m NE	Garage	1993	46248
Q	356m NE	Garage	1996	46248
Q	373m NE	Garage	1984	45078
Q	377m NE	Garage	1961	45078
Q	379m NE	Garage	1961	43136
Q	412m NE	Garage	1993	45042
Q	412m NE	Garage	1996	45042
Q	413m NE	Garage	1961	44236
Q	413m NE	Garage	1961	42236
Q	414m NE	Garage	1984	43627

*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

0

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

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

### 3.4 Historical landfill (EA/NRW records)

Records within 500m

1

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 38 >](#)

ID	Location	Details		
1	66m SW	Site Address: Land west of Lock 12 and to the south of Huddersfield Narrow Canal, West Of Lock 12, Huddersfield Licence Holder Address: Directorate of Technical Services, Civic Centre, Huddersfield	Waste Licence: Yes Site Reference: 4700/0722 Waste Type: Inert, Industrial, Liquid sludge Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 03/11/1989 Licence Surrender: 28/04/1994	Operator: - Licence Holder: Kirklees Metropolitan Borough Council First Recorded 30/11/1989 Last Recorded: 30/04/1993

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

### 3.5 Historical waste sites

Records within 500m

4

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 38 >](#)



ID	Location	Address	Further Details	Date
A	On site	Site Address: Unit 2, Colne Vale Road, Colne Vale Business Park, HUDDERSFIELD, West Yorkshire, HD3 4NY	<b>Type of Site: Waste Transfer Station (Conversion)</b> <b>Planning application reference: 2004/62/95031/W0</b> <b>Description: Scheme comprises change of use of industrial unit to waste transfer station An application (ref: 2004/62/95031/W0) for Detailed Planning permission was submitted to Kirklees B.C. on 16th March 2004.</b> <b>Data source: Historic Planning Application</b> <b>Data Type: Point</b>	-
A	On site	Site Address: Colne Vale Business Park, 2, Colne Vale Road, HUDDERSFIELD, West Yorkshire, HD3 4NY	<b>Type of Site: Waste Transfer Station (Conversion)</b> <b>Planning application reference: 2007/62/91974/W0</b> <b>Description: Scheme comprises change of use of industrial unit to waste transfer station. An application (ref: 2007/62/91974/W0) for detailed planning permission was granted by Kirklees B.C. Contract details remain to be finalised. Detailed plans approved.</b> <b>Data source: Historic Planning Application</b> <b>Data Type: Point</b>	-
C	177m N	Site Address: Rail Sidings, Scar Lane, Milnsbridge, HUDDERSFIELD, West Yorkshire, HD3 4	Type of Site: Industrial/Waste Transfer <b>Planning application reference: 94/62/90078/W5</b> <b>Description: New industrial unit. New stone dressing facility. Waste transfer facility 10 garages for private let, 35-40 car parking spaces new access. Construction - pvc coated Cape steel cladding, Artstone, rendered pebble/dash walls; pitched, pvc coated Capeel cladding roof; three roller shutter industrial doors; steel frame, portal frame frame. An application (ref: 94/62/90078/W5) for Detailed Planning permission was submitted to Kirklees B.C. on 11th January 1994.</b> <b>Data source: Historic Planning Application</b> <b>Data Type: Point</b>	-
7	431m SW	Site Address: N/A	Type of Site: Ground Workings and Refuse Heap <b>Planning application reference: N/A</b> <b>Description: N/A</b> <b>Data source: Historic Mapping</b> <b>Data Type: Polygon</b>	1975

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



### 3.6 Licensed waste sites

**Records within 500m**
**13**

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

 Features are displayed on the Waste and landfill map on [page 38 >](#)

ID	Location	Details		
A	13m W	Site Name: Motorworks Site Address: Unit 1, Colne Vale Road, Milnsbridge, Huddersfield, West Yorkshire, HD3 4NY Correspondence Address: -	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 649202 EPR reference: EA/EPR/EP3492ZG Operator: Mr Crispin James Waste Management licence No: 65410 Annual Tonnage: 2499	Issue Date: 09/02/2005 Effective Date: 09/02/2005 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Surrendered
A	34m SW	Site Name: J S Bamforth & Co Ltd Site Address: Top Vale Works, Colne Vale Road, Milnsbridge, Huddersfield, West Yorkshire, HD3 4NW Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: JSB001 EPR reference: EA/EPR/GP3095ZG/V002 Operator: J S Bamforth & Co Ltd Waste Management licence No: 61008 Annual Tonnage: 100000	Issue Date: 06/03/1991 Effective Date: - Modified: 11/12/2006 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
A	34m SW	Site Name: J S Bamforth & Co Ltd Site Address: Top Vale Works, Colne Vale Road, Milnsbridge, Huddersfield, West Yorkshire, HD3 4NW Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 642275 EPR reference: EA/EPR/EB3309HC Operator: J S Bamforth Recycling Limited Waste Management licence No: 61008 Annual Tonnage: 100000	Issue Date: 06/03/1991 Effective Date: 06/03/1991 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued



ID	Location	Details		
A	34m SW	Site Name: Milnsbridge Metals Ltd T/A Melarose Metals Site Address: Top Vale Works, Colne Vale Road, Milnsbridge, Huddersfield, West Yorkshire, HD3 4NW Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: 642758 EPR reference: EA/EPR/LB3707TF Operator: Milnsbridge Metals Limited Waste Management licence No: 61008 Annual Tonnage: 0	Issue Date: 06/03/1991 Effective Date: 28/02/2023 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
2	134m W	Site Name: Britannia Road Site Site Address: 65, Britannia Road, Milnsbridge, Huddersfield, West Yorkshire, HD3 4QG Correspondence Address: -	Type of Site: Material Recycling Treatment Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 642081 EPR reference: EA/EPR/JP3592ZN Operator: Mallinson Recycling Limited Waste Management licence No: 65491 Annual Tonnage: 24999	Issue Date: 07/09/2006 Effective Date: 07/09/2006 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
C	191m N	Site Name: I M Contractors Ltd Site Address: The Old Railway Sidings, Scar Lane, Milnesbridge, West Yorkshire Correspondence Address: The Barn, 27, Brook Lane, Golcar, Huddersfield, HD7 4JA	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: IMC001 EPR reference: - Operator: I M (contractors) Limited Waste Management licence No: 61054 Annual Tonnage: 0	Issue Date: 19/12/1996 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
C	191m N	Site Name: I M Contractors Ltd Site Address: The Old Railway Sidings, Scar Lane, Milnesbridge, West Yorkshire, WF9 3AP Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 651933 EPR reference: EA/EPR/FP3595ZV Operator: I M (Contractors) Limited Waste Management licence No: 61054 Annual Tonnage: 8520	Issue Date: 19/12/1996 Effective Date: 19/12/1996 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Surrendered



ID	Location	Details		
D	200m W	Site Name: Britannia Motor Spares Site Address: Bottom Yard, Britannia Road, Milnsbridge, Huddersfield, West Yorkshire, HD3 4QG Correspondence Address: -	Type of Site: 75kte Vehicle Depollution Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: BRI215 EPR reference: EA/EPR/EP3994VW/A001 Operator: Mr Shahid Ijaz & Mr Tariq Mahmood Waste Management licence No: 101224 Annual Tonnage: 74999	Issue Date: 05/03/2010 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
D	200m W	Site Name: Britannia Motor Spares Site Address: Bottom Yard, Britannia Road, Milnsbridge, Huddersfield, West Yorkshire, HD3 4QG Correspondence Address: -	Type of Site: 75kte Vehicle Depollution Facility Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: HUS022 EPR reference: EA/EPR/EP3994VW/A001 Operator: Mr Atif Hussain & Mr Saakib Rauf Waste Management licence No: 101224 Annual Tonnage: 74999	Issue Date: 05/03/2010 Effective Date: 02/03/2012 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred
D	200m W	Site Name: Britannia Motor Spares Site Address: Bottom Yard, Britannia Road, Milnsbridge, Huddersfield, West Yorkshire, HD3 4QG Correspondence Address: -	Type of Site: 75kte Vehicle Depollution Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: HUS022 EPR reference: EA/EPR/EP3994VW/A001 Operator: Mr Atif Hussain & Mr Saakib Rauf Waste Management licence No: 101224 Annual Tonnage: 74999	Issue Date: 05/03/2010 Effective Date: 02/03/2012 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred



ID	Location	Details		
D	200m W	Site Name: Britannia Motor Spares Site Address: Bottom Yard, Britannia Road, Milnsbridge, Huddersfield, West Yorkshire, HD3 4QG Correspondence Address: -	Type of Site: 75kte Vehicle Depollution Facility Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CRB002 EPR reference: EA/EPR/JB3607FW/T001 Operator: Christian Borg Waste Management licence No: 101224 Annual Tonnage: 74999	Issue Date: 05/03/2010 Effective Date: 11/01/2021 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred
D	200m W	Site Name: Home Cars Ltd Site Address: Bottom Yard, Britannia Road, Milnsbridge, Huddersfield, West Yorkshire, HD3 4QG Correspondence Address: -	Type of Site: 75kte Vehicle Depollution Facility Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 642308 EPR reference: EA/EPR/LB3203UA Operator: Home Cars Limited Waste Management licence No: 101224 Annual Tonnage: 74999	Issue Date: 05/03/2010 Effective Date: 05/03/2010 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
E	275m W	Site Name: Britannia Road Site Site Address: 65, Britannia Road, Milnsbridge, Huddersfield, W Yorkshire, HD3 4QG Correspondence Address: Bowling Iron Works, Bowling Back Lane, Bradford, W Yorkshire, BD4 8SS	Type of Site: - Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: MAL003 EPR reference: - Operator: Mallinson Recycling Ltd Waste Management licence No: 65491 Annual Tonnage: 24999	Issue Date: 07/09/2006 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued

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

### 3.7 Waste exemptions

Records within 500m

31

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 38](#) >



ID	Location	Site	Reference	Category	Sub-Category	Description
A	On site	-	WEX358531	Storing waste exemption	Not on a farm	Storage of waste in a secure place
A	On site	-	WEX295034	Storing waste exemption	Not on a Farm	Storage of waste in a secure place
A	On site	Malarose Metals, Colne Vale Road, Huddersfield, HD3 4NY	WEX351216	Treating waste exemption	Not on a farm	Recovery of scrap metal
A	35m SW	-	WEX318375	Treating waste exemption	Not on a farm	Recovery of scrap metal
A	50m W	TOP VALE WORKS, COLNE VALE ROAD, HUDDERSFIELD, HD3 4NY	WEX157672	Storing waste exemption	Not on a Farm	Storage of waste in a secure place
A	50m W	TOP VALE WORKS, COLNE VALE ROAD, HUDDERSFIELD, HD3 4NY	WEX157672	Storing waste exemption	Not on a Farm	Storage of waste in secure containers
B	137m SE	903, MANCHESTER ROAD, HUDDERSFIELD, HD4 5SX	WEX271186	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
B	137m SE	903, MANCHESTER ROAD, HUDDERSFIELD, HD4 5SX	WEX131428	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
B	137m SE	6, KNOWLE GREEN, SHEFFIELD, S17 3AP	WEX100256	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
3	162m NE	TOP VALE WORKS COLNE VALE ROAD HUDDERSFIELD HD3 4NY	EPR/XE5542ZL /A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in a secure place
B	171m SE	903 Manchester Road HUDDERSFIELD HD4 5SX	EPR/DF0403TA /A001	Treating waste exemption	Non-Agricultural Waste Only	Sorting and de-naturing of controlled drugs for disposal
B	171m SE	903 Manchester Road HUDDERSFIELD HD4 5SX	EPR/FF0832YH /A001	Treating waste exemption	Non-Agricultural Waste Only	Sorting and de-naturing of controlled drugs for disposal
4	252m W	-	WEX257009	Disposing of waste exemption	Not on a farm	Burning waste in the open
E	274m W	-	WEX367207	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)



ID	Location	Site	Reference	Category	Sub-Category	Description
E	274m W	-	WEX367207	Treating waste exemption	Not on a farm	Recovery of scrap metal
E	274m W	-	WEX367207	Treating waste exemption	Not on a farm	Sorting mixed waste
E	274m W	-	WEX367207	Storing waste exemption	Not on a farm	Storage of waste in secure containers
E	274m W	-	WEX367207	Storing waste exemption	Not on a farm	Storage of waste in a secure place
5	315m NW	Colne Valley Garden Centre Scar Lane Huddersfield West Yorkshire HD3 4QA	EPR/XF0505LC /A001	Treating waste exemption	Both agricultural and non-agricultural waste	Aerobic composting and associated prior treatment
6	340m W	SCAR LANE, HUDDERSFIELD, HD3 4QA	WEX112748	Treating waste exemption	Not on a farm	Aerobic composting and associated prior treatment
F	439m E	NEW STREET, MILNSBRIDGE, HUDDERSFIELD, HD3 4LN	WEX274752	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
F	439m E	NEW STREET, MILNSBRIDGE, HUDDERSFIELD, HD3 4LN	WEX274752	Treating waste exemption	Not on a farm	Recovery of textiles
F	439m E	NEW STREET, MILNSBRIDGE, HUDDERSFIELD, HD3 4LN	WEX281788	Treating waste exemption	Not on a farm	Recovery of textiles
F	439m E	NEW STREET, MILNSBRIDGE, HUDDERSFIELD, HD3 4LN	WEX281788	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
F	439m E	NEW STREET, MILNSBRIDGE, HUDDERSFIELD, HD3 4LN	WEX143031	Treating waste exemption	Not on a farm	Recovery of textiles
F	439m E	NEW STREET, MILNSBRIDGE, HUDDERSFIELD, HD3 4LN	WEX143031	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
F	439m E	NEW STREET, MILNSBRIDGE, HUDDERSFIELD, HD3 4LN	WEX134742	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
F	439m E	NEW STREET, MILNSBRIDGE, HUDDERSFIELD, HD3 4LN	WEX134742	Treating waste exemption	Not on a farm	Recovery of textiles

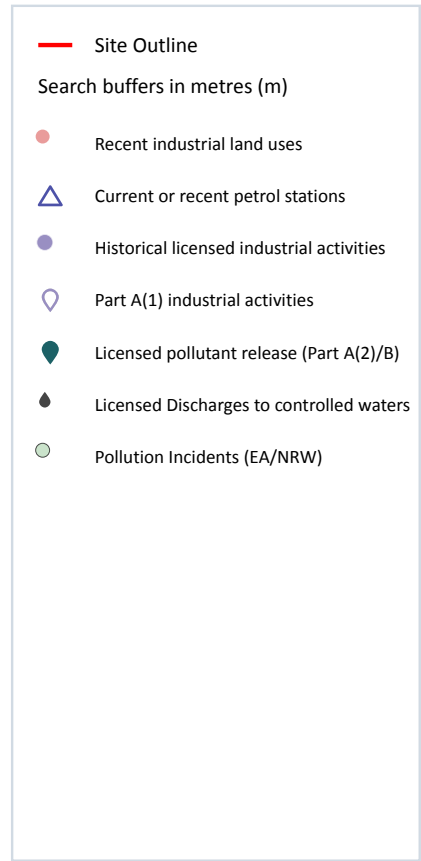
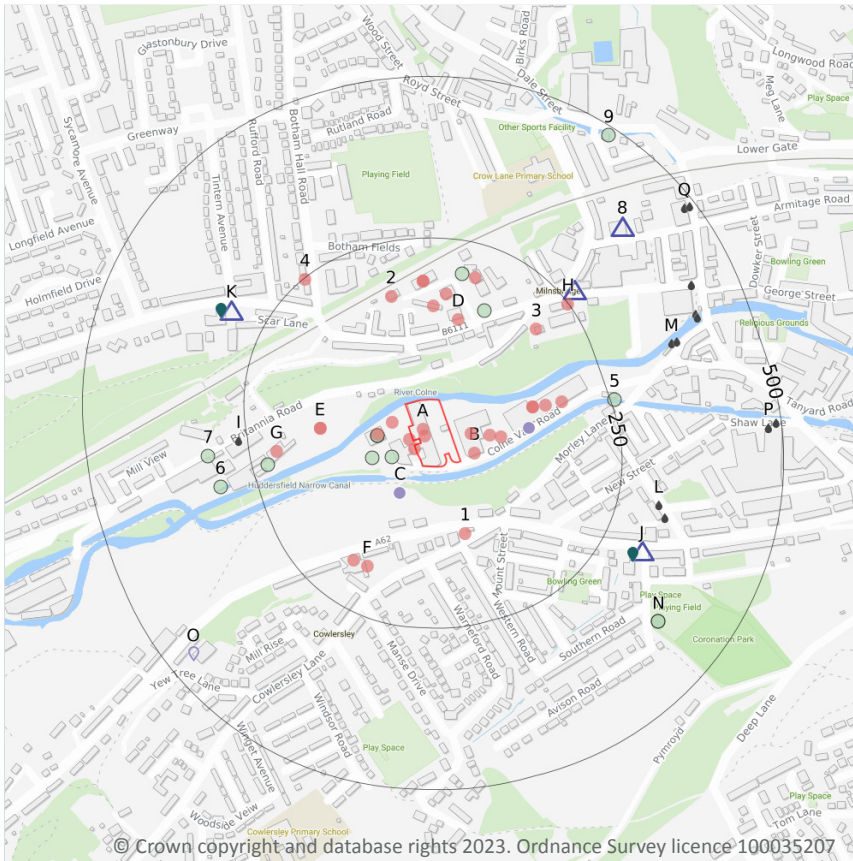


ID	Location	Site	Reference	Category	Sub-Category	Description
F	460m E	Pennine Blending New Street HUDDERSFIELD West Yorkshire HD3 4LN	EPR/QF0100H G/A001	Treating waste exemption	Non-Agricultural Waste Only	Recovery of textiles
F	460m E	Pennine Blending New Street HUDDERSFIELD West Yorkshire HD3 4LN	EPR/QF0100H G/A001	Treating waste exemption	Non-Agricultural Waste Only	Preparatory treatments (baling, sorting, shredding etc)
8	470m E	11 Market Street HUDDERSFIELD HD3 4ND	EPR/BF0135W D/A001	Disposing of waste exemption	Both agricultural and non-agricultural waste	Burning waste in the open

*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

30

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on [page 48 >](#)

ID	Location	Company	Address	Activity	Category
A	On site	E T P Chemicals Ltd	Unit 3 and 4 Colne Vale Business Park, Colne Vale Road, Milnsbridge, Huddersfield, West Yorkshire, HD3 4NY	Colours, Chemicals and Water Softeners and Supplies	Industrial Products
A	On site	Business Park	West Yorkshire, HD3	Business Parks and Industrial Estates	Industrial Features



ID	Location	Company	Address	Activity	Category
A	2m SW	Electricity Sub Station	West Yorkshire, HD3	Electrical Features	Infrastructure and Facilities
A	5m W	Tank	West Yorkshire, HD3	Tanks (Generic)	Industrial Features
B	25m SE	Midland Automation Ltd	Unit 3 Milnsbridge Business Centre, Colne Vale Road, Milnsbridge, Huddersfield, West Yorkshire, HD3 4NY	Electrical Components	Industrial Products
A	26m W	Tank	West Yorkshire, HD3	Tanks (Generic)	Industrial Features
B	29m E	Works	West Yorkshire, HD3	Unspecified Works Or Factories	Industrial Features
A	50m W	J S Bamforth & Co Ltd	J S Bamforth and Co Ltd Top Vale Works 14, Colne Vale Road, Milnsbridge, Huddersfield, West Yorkshire, HD3 4NY	Scrap Metal Merchants	Recycling Services
B	56m E	Electricity Sub Station	West Yorkshire, HD3	Electrical Features	Infrastructure and Facilities
B	71m E	Tank	West Yorkshire, HD3	Tanks (Generic)	Industrial Features
1	109m S	Electricity Sub Station	West Yorkshire, HD4	Electrical Features	Infrastructure and Facilities
D	128m N	Electricity Sub Station	West Yorkshire, HD3	Electrical Features	Infrastructure and Facilities
B	133m E	Tanks	West Yorkshire, HD3	Tanks (Generic)	Industrial Features
B	133m E	Tank	West Yorkshire, HD3	Tanks (Generic)	Industrial Features
E	137m W	Mallinson Recycling Ltd	65, Britannia Road, Milnsbridge, Huddersfield, West Yorkshire, HD3 4QG	Stone Quarrying and Preparation	Extractive Industries
E	137m W	P G Stone Yorkshire	65, Britannia Road, Milnsbridge, Huddersfield, West Yorkshire, HD3 4QG	Stone Quarrying and Preparation	Extractive Industries
D	145m N	Ecoblast Supplies Ltd	Unit 2-3 Old Railway Goods Yard, Scar Lane, Huddersfield, West Yorkshire, HD3 4PE	General Purpose Machinery	Industrial Products
B	153m E	Specialist Glass Products Ltd	-, Colne Vale Road, Milnsbridge, Huddersfield, West Yorkshire, HD3 4NY	Glass	Industrial Products
D	165m N	K P Motor Engineers Ltd	Unit 7 Old Railway Goods Yard, Scar Lane, Milnsbridge, Huddersfield, West Yorkshire, HD3 4PE	Vehicle Repair, Testing and Servicing	Repair and Servicing
2	167m N	Huddfabs Ltd	Unit 11 Old Railway Goods Yard, Scar Lane, Milnsbridge, Huddersfield, West Yorkshire, HD3 4PE	Metalworkers Including Blacksmiths	Construction Services



ID	Location	Company	Address	Activity	Category
F	177m SW	Electricity Sub Station	West Yorkshire, HD4	Electrical Features	Infrastructure and Facilities
B	178m E	Electricity Sub Station	West Yorkshire, HD3	Electrical Features	Infrastructure and Facilities
F	180m SW	Works	West Yorkshire, HD4	Unspecified Works Or Factories	Industrial Features
D	183m N	Lynda's Transport	Unit 10 Old Railway Goods Yard, Scar Lane, Milnsbridge, Huddersfield, West Yorkshire, HD3 4PE	Distribution and Haulage	Transport, Storage and Delivery
D	183m N	Fitzpatrick Fuels	Old Railway Goods Yard, Scar Lane, Milnsbridge, Huddersfield, West Yorkshire, HD3 4PE	Fuel Distributors and Suppliers	Household, Office, Leisure and Garden
3	187m NE	Arches Car Repairs & Tyre Disposals	43, Scar Lane, Milnsbridge, Huddersfield, West Yorkshire, HD3 4QH	Vehicle Repair, Testing and Servicing	Repair and Servicing
D	198m N	Top Glass UK	Unit 9 Old Railway Goods Yard, Scar Lane, Huddersfield, West Yorkshire, HD3 4PE	Conservatories	Consumer Products
G	208m W	Trojan Baths	Unit 4, Britannia Mills Trading Estate, Britannia Road, Milnsbridge, Huddersfield, West Yorkshire, HD3 4QG	Bathroom Fixtures, Fittings and Sanitary Equipment	Consumer Products
4	248m NW	Electricity Sub Station	West Yorkshire, HD3	Electrical Features	Infrastructure and Facilities
H	249m NE	Merlin Motors	47, Scar Lane, Milnsbridge, Huddersfield, West Yorkshire, HD3 4QH	Vehicle Repair, Testing and Servicing	Repair and Servicing

This data is sourced from Ordnance Survey.

## 4.2 Current or recent petrol stations

Records within 500m

4

Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on [page 48 >](#)

ID	Location	Company	Address	LPG	Status
H	270m NE	UNBRANDED	45, Scar Lane, Milnsbridge, Huddersfield, West Yorkshire, HD3 4QH	No	Closed
K	306m NW	JET	Scar Lane, Milnsbridge, Huddersfield, West Yorkshire, HD3 4QA	No	Open



ID	Location	Company	Address	LPG	Status
J	313m SE	ASDA EXPRESS	819, Manchester Road, Pymroyd Lane, Milnsbridge, Huddersfield, West Yorkshire, HD4 5SX	No	Open
8	391m NE	OBSOLETE	Savile Street, Milnsbridge, Huddersfield, West Yorkshire, HD3 4PG	Not Applicable	Obsolete

*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

0

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.

*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 48 >](#)

ID	Location	Details	
C	54m SW	Operator: Croda Colours Ltd (dissolved) Address: Colne Vale Works, Colne Vale Road, Huddersfield, West Yorkshire, HD3 4NX Process: Manufacture And Use Of Organic Chemicals Permit Number: AK6900	Original Permit Number: IPCAPP Date Approved: 31-1-1994 Effective Date: 14-2-1994 Status: Superseded By Variation
C	54m SW	Operator: Croda Colours Ltd (dissolved) Address: Colne Vale Works, Colne Vale Road, Huddersfield, West Yorkshire, HD3 4NX Process: Manufacture And Use Of Organic Chemicals Permit Number: AO7061	Original Permit Number: IPCMINVAR Date Approved: 10-10-1994 Effective Date: 31-10-1994 Status: Superseded By Variation
C	54m SW	Operator: Croda Colours Ltd (dissolved) Address: Colne Vale Works, Colne Vale Road, Huddersfield, West Yorkshire, HD3 4NX Process: Manufacture And Use Of Organic Chemicals Permit Number: AY4292	Original Permit Number: IPCMINVAR Date Approved: 27-5-1997 Effective Date: 1-6-1997 Status: Superseded By Variation

ID	Location	Details	
C	54m SW	Operator: Croda Colours Ltd (dissolved) Address: Colne Vale Works, Colne Vale Road, Huddersfield, West Yorkshire, HD3 4NX Process: Manufacture And Use Of Organic Chemicals Permit Number: BD9246	Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Superseded By Variation
C	54m SW	Operator: Croda Colours Ltd (dissolved) Address: Colne Vale Works, Colne Vale Road, Huddersfield, West Yorkshire, HD3 4NX Process: Manufacture And Use Of Organic Chemicals Permit Number: BG9161	Original Permit Number: IPCMINVAR Date Approved: 15-9-1999 Effective Date: 17-9-1999 Status: Surrendered
B	117m E	Operator: Croda International Plc Address: Croda Colours Ltd, Colne Vale Road, Milnsbridge, Huddersfield, DN14 9AA Process: Inorganic Chemical Processes Permit Number: AO0776	Original Permit Number: IPCAIRAPP Date Approved: 4-11-1994 Effective Date: 14-11-1994 Status: Superseded By Variation
B	117m E	Operator: Croda International Plc Address: Croda Colours Ltd, Colne Vale Road, Milnsbridge, Huddersfield, DN14 9AA Process: Inorganic Chemical Processes Permit Number: BC9526	Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Surrendered

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

## 4.10 Licensed industrial activities (Part A(1))

Records within 500m

2

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 48 >](#)

ID	Location	Details	
O	459m SW	Operator: NOFOSS FUELS LIMITED Installation Name: Biodiesel Plant, Linthwaite Process: ASSOCIATED PROCESS Permit Number: GP3831LR Original Permit Number: GP3831LR	EPR Reference: EPR/GP3831LR Issue Date: 23/04/2007 Effective Date: 23/04/2007 Last date noted as effective: 23/11/2023 Status: Revoked
O	459m SW	Operator: NOFOSS FUELS LIMITED Installation Name: Biodiesel Plant, Linthwaite Process: ORGANIC CHEMICALS; OXYGEN CONTAINING COMPOUNDS EG ALCOHOLS Permit Number: GP3831LR Original Permit Number: GP3831LR	EPR Reference: EPR/GP3831LR Issue Date: 23/04/2007 Effective Date: 23/04/2007 Last date noted as effective: 23/11/2023 Status: Revoked

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



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

Records within 500m

2

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 48 >](#)

ID	Location	Address	Details	
J	303m SE	Co-operative Group, Colne Valley Filling Station, 819 Manchester Road, Milnsbridge, Huddersfield, HD4 5SX	Process: Unloading of Petrol into Storage at Service Stations Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
K	320m NW	Scar Lane Motors Filling Station, Scar Lane, Milnsbridge, Huddersfield, HD3 4PS	Process: Unloading of Petrol into Storage at Service Stations Status: Current 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

24

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 48 >](#)



ID	Location	Address	Details	
I	264m W	YWS UNKNOWN SITES DEFAULT	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: S/CB/51 Permit Version: 2 Receiving Water: VARIES WITH OUTLET	Status: REVISED BY NOTICE, AT DIRECTION OF SEC. OF STATE - 37(2) Issue date: 02/07/1993 Effective Date: 02/07/1993 Revocation Date: 24/01/1995
I	264m W	YWS UNKNOWN SITES DEFAULT	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: S/CB/51 Permit Version: 1 Receiving Water: VARIES WITH OUTLET	Status: TRANSFERRED FROM R(PP)A 1951-1961 Issue date: 27/05/1963 Effective Date: 27/05/1963 Revocation Date: 01/07/1993
L	313m E	PICKFORD STREET CSO, PICKFORD STREET, MILNSBRIDGE, HUDDERSFIELD, WEST YORKSHIRE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: WRA8768 Permit Version: 1 Receiving Water: TRIBUTARY OF THE RIVER COLNE	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 11/03/2005 Effective Date: 01/04/2005 Revocation Date: 23/03/2010
L	313m E	PICKFORD STREET CSO, PICKFORD STREET, MILNSBRIDGE, HUDDERSFIELD, WEST YORKSHIRE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: WRA8768 Permit Version: 2 Receiving Water: TRIBUTARY OF THE RIVER COLNE	Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 24/03/2010 Effective Date: 24/03/2010 Revocation Date: -
L	328m E	YWS UNKNOWN SITES DEFAULT	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: S/CB/51 Permit Version: 3 Receiving Water: VARIES WITH OUTLET	Status: REVISED BY NOTICE, AT DIRECTION OF SEC. OF STATE - 37(2) Issue date: 25/01/1995 Effective Date: 25/01/1995 Revocation Date: 05/03/1995
L	328m E	YWS UNKNOWN SITES DEFAULT	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: S/CB/51 Permit Version: 1 Receiving Water: VARIES WITH OUTLET	Status: TRANSFERRED FROM R(PP)A 1951-1961 Issue date: 27/05/1963 Effective Date: 27/05/1963 Revocation Date: 01/07/1993



ID	Location	Address	Details	
L	328m E	YWS UNKNOWN SITES DEFAULT	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: S/CB/51 Permit Version: 2 Receiving Water: VARIES WITH OUTLET	Status: REVISED BY NOTICE, AT DIRECTION OF SEC. OF STATE - 37(2) Issue date: 02/07/1993 Effective Date: 02/07/1993 Revocation Date: 24/01/1995
M	367m E	MORLEY LANE CSO, MORLEY LANE (OPP NO 9), HUDDERSFIELD, WEST YORKSHIRE, HD3 4NR	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: WRA8588 Permit Version: 1 Receiving Water: RIVER COLNE	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 18/03/2005 Effective Date: 18/03/2005 Revocation Date: 27/08/2020
M	376m E	MORLEY LANE CSO, MORLEY LANE (OPP NO 9), HUDDERSFIELD, WEST YORKSHIRE, HD3 4NR	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: WRA8588 Permit Version: 2 Receiving Water: RIVER COLNE	Status: VARIED UNDER EPR 2010 Issue date: 28/08/2020 Effective Date: 28/08/2020 Revocation Date: -
M	417m NE	SCAR LANE CSO, SCAR LANE (OPP NO 4), HUDDERSFIELD, WEST YORKSHIRE, HD3 4PE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: WRA8780 Permit Version: 3 Receiving Water: RIVER COLNE	Status: VARIED UNDER EPR 2010 Issue date: 28/08/2020 Effective Date: 28/08/2020 Revocation Date: -
M	418m NE	SCAR LANE CSO, SCAR LANE (OPP NO 4), HUDDERSFIELD, WEST YORKSHIRE, HD3 4PE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: WRA8780 Permit Version: 2 Receiving Water: RIVER COLNE	Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 24/03/2010 Effective Date: 24/03/2010 Revocation Date: 27/08/2020
M	418m NE	SCAR LANE CSO, SCAR LANE (OPP NO 4), HUDDERSFIELD, WEST YORKSHIRE, HD3 4PE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: WRA8780 Permit Version: 1 Receiving Water: RIVER COLNE	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 21/03/2005 Effective Date: 21/03/2005 Revocation Date: 23/03/2010
M	428m NE	YWS UNKNOWN SITES DEFAULT	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: S/CB/51 Permit Version: 1 Receiving Water: VARIES WITH OUTLET	Status: TRANSFERRED FROM R(PP)A 1951-1961 Issue date: 27/05/1963 Effective Date: 27/05/1963 Revocation Date: 01/07/1993



ID	Location	Address	Details	
M	428m NE	YWS UNKNOWN SITES DEFAULT	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: S/CB/51 Permit Version: 2 Receiving Water: VARIES WITH OUTLET	Status: REVISED BY NOTICE, AT DIRECTION OF SEC. OF STATE - 37(2) Issue date: 02/07/1993 Effective Date: 02/07/1993 Revocation Date: 24/01/1995
M	428m NE	YWS UNKNOWN SITES DEFAULT	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: S/CB/51 Permit Version: 3 Receiving Water: VARIES WITH OUTLET	Status: REVISED BY NOTICE, AT DIRECTION OF SEC. OF STATE - 37(2) Issue date: 25/01/1995 Effective Date: 25/01/1995 Revocation Date: 05/03/1995
P	479m E	MILNS SHAW LANE NO 2 CSO, SHAW LANE, MILNSBRIDGE, HUDDERSFIELD, WEST YORKSHIRE, HD3 4NE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: WRA8765 Permit Version: 2 Receiving Water: TRIBUTARY OF THE RIVER COLNE	Status: MODIFIED - (WRA 91 SCHD 10 - AS AMENDED BY ENV ACT 1995) Issue date: 24/03/2010 Effective Date: 24/03/2010 Revocation Date: 08/08/2019
P	479m E	YWS UNKNOWN SITES DEFAULT	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: S/CB/51 Permit Version: 2 Receiving Water: VARIES WITH OUTLET	Status: REVISED BY NOTICE, AT DIRECTION OF SEC. OF STATE - 37(2) Issue date: 02/07/1993 Effective Date: 02/07/1993 Revocation Date: 24/01/1995
P	479m E	YWS UNKNOWN SITES DEFAULT	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: S/CB/51 Permit Version: 1 Receiving Water: VARIES WITH OUTLET	Status: TRANSFERRED FROM R(PP)A 1951-1961 Issue date: 27/05/1963 Effective Date: 27/05/1963 Revocation Date: 01/07/1993
P	479m E	YWS UNKNOWN SITES DEFAULT	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: S/CB/51 Permit Version: 3 Receiving Water: VARIES WITH OUTLET	Status: REVISED BY NOTICE, AT DIRECTION OF SEC. OF STATE - 37(2) Issue date: 25/01/1995 Effective Date: 25/01/1995 Revocation Date: 05/03/1995



ID	Location	Address	Details	
P	479m E	MILNS SHAW LANE NO 2 CSO, SHAW LANE, MILNSBRIDGE, HUDDERSFIELD, WEST YORKSHIRE, HD3 4NE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: WRA8765 Permit Version: 1 Receiving Water: TRIBUTARY OF THE RIVER COLNE	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 11/03/2005 Effective Date: 01/04/2005 Revocation Date: 23/03/2010
Q	482m NE	MILNSBRIDGE (MARKET STREET) CSO, MARKET STREET, MILNSBRIDGE, HUDDERSFIELD, WEST YORKSHIRE, HD3 4JY	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: WRA8766 Permit Version: 1 Receiving Water: LONGWOOD BROOK	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 11/03/2005 Effective Date: 01/04/2005 Revocation Date: 23/03/2010
Q	482m NE	MILNSBRIDGE (MARKET STREET) CSO, MARKET STREET, MILNSBRIDGE, HUDDERSFIELD, WEST YORKSHIRE, HD3 4JY	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: WRA8766 Permit Version: 2 Receiving Water: LONGWOOD BROOK	Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 24/03/2010 Effective Date: 24/03/2010 Revocation Date: 08/08/2019
Q	490m NE	MILNSBRIDGE (MARKET STREET) CSO, MARKET STREET, MILNSBRIDGE, HUDDERSFIELD, WEST YORKSHIRE, HD3 4JY	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: WRA8766 Permit Version: 3 Receiving Water: LONGWOOD BROOK	Status: VARIED UNDER EPR 2010 Issue date: 09/08/2019 Effective Date: 09/08/2019 Revocation Date: -
P	491m E	MILNS SHAW LANE NO 2 CSO, SHAW LANE, MILNSBRIDGE, HUDDERSFIELD, WEST YORKSHIRE, HD3 4NE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: WRA8765 Permit Version: 3 Receiving Water: TRIBUTARY OF THE RIVER COLNE	Status: VARIED UNDER EPR 2010 Issue date: 09/08/2019 Effective Date: 09/08/2019 Revocation Date: -

*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

13

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

Features are displayed on the Current industrial land use map on [page 48 >](#)

ID	Location	Details	
A	38m SW	Incident Date: 12/09/2003 Incident Identification: 189513 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
A	50m W	Incident Date: 12/05/2009 Incident Identification: 678111 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 2 (Significant)

ID	Location	Details	
A	50m W	Incident Date: 25/06/2009 Incident Identification: 691136 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 2 (Significant)
A	68m W	Incident Date: 10/01/2022 Incident Identification: 2022352 Pollutant: Specific Waste Materials Pollutant Description: Commercial Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
D	154m NE	Incident Date: 17/04/2003 Incident Identification: 152210 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
D	198m N	Incident Date: 02/10/2003 Incident Identification: 193843 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
G	226m W	Incident Date: 04/11/2008 Incident Identification: 632789 Pollutant: Specific Waste Materials Pollutant Description: Vehicles and Vehicle Parts	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
5	256m E	Incident Date: 05/03/2003 Incident Identification: 141221 Pollutant: Inert Materials and Wastes Pollutant Description: Mineral Materials and Wastes	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
6	305m W	Incident Date: 03/10/2002 Incident Identification: 112309 Pollutant: Specific Waste Materials Pollutant Description: Commercial Waste	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
7	313m W	Incident Date: 18/09/2001 Incident Identification: 31456 Pollutant: Specific Waste Materials Pollutant Description: Tyres	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 2 (Significant)
N	394m SE	Incident Date: 30/09/2005 Incident Identification: 350213 Pollutant: Inert Materials and Wastes Pollutant Description: Soils and Clay	Water Impact: Category 2 (Significant) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
N	394m SE	Incident Date: 07/05/2002 Incident Identification: 76972 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Fumes	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)

ID	Location	Details	
9	486m NE	Incident Date: 22/09/2005 Incident Identification: 348387 Pollutant: Inert Materials and Wastes Pollutant Description: Soils and Clay	Water Impact: Category 2 (Significant) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)

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

#### 4.19 Pollution inventory substances

<b>Records within 500m</b>	<b>0</b>
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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

<b>Records within 500m</b>	<b>0</b>
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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.

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

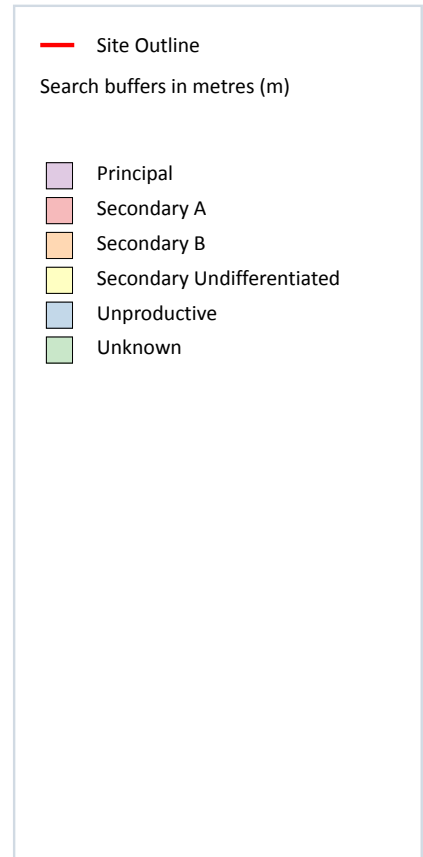
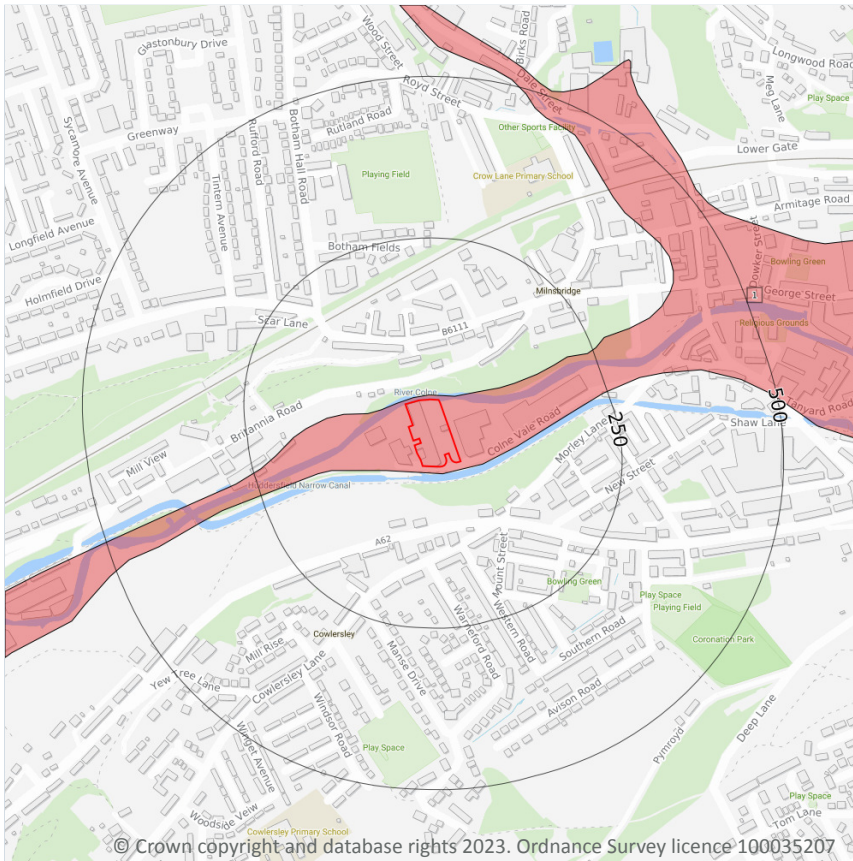
#### 4.21 Pollution inventory radioactive waste

<b>Records within 500m</b>	<b>0</b>
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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

1

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on [page 62](#) >

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

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

