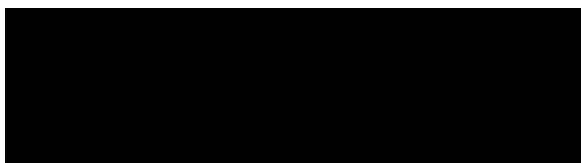




Phase 1 Desk Study Site Investigation Report

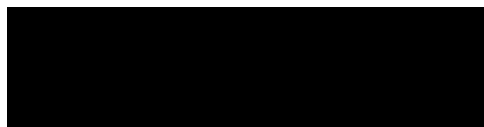
LOCATION	Garden Centre, Barton Upon Humber DN18 5RF
ISSUE DATE	May 2024
FOR	Humberside Garden Centre c/o P&N Design
CLIENT REF.	
OUR REF.	G24098

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Executive Summary

Site Suitability	Desk Study Finding	Preliminary Assessment
Normal Foundations	Competent clay anticipated.	Likely to be suitable
Soakaways	Clay soils unlikely to offer sufficient permeability.	Unlikely to be suitable

Potential Risks	Desk Study Finding	Preliminary Risk Assessment
Radon Gas	Less than 1% of properties affected.	Negligible
Chemical Contamination	Historical nearby and on-site land uses potentially giving rise to a range of inorganic and organic contaminants including asbestos, metals/metalloids, PAHs and petroleum hydrocarbons.	Moderate
Hazardous Gas	Unlikely to be any significant potential source of hazardous gas.	Moderate to Low
Ground Instability/ subsidence	Potential for compressible deposits.	Moderate
Ground Instability/ subsidence	Potential for significant deposits of compressible made/infilled ground.	Low

NB. Arbitrary potential hazard assessment: High (Red), Moderate (Amber), Low (Yellow), Very Low (Green), Negligible (uncoloured)

1. Introduction

In accordance with your instruction, Geoinvestigate Ltd. has carried out a Phase 1 Desk Study Investigation at Garden Centre, Barton Upon Humber DN18 5RF. The location of the site is shown on the Groundsure Enviro+Geo Insight report presented in Appendix 2.

The site currently comprises an area of land some 0.16 ha in size with a garden centre to the north. The site lies to the south of the Humber Estuary and west of an area of wetlands.

It is understood that it is proposed to erect a conservatory to the southern edge of the garden centre.

The purpose of the Phase 1 Desk Study investigation was to review the historical land use and geological information for the site in order to provide an assessment of the potential geotechnical/foundation problems together with a qualitative contamination and ground gas risk assessment.

2. Scope of Works

The investigation comprised a review of the following information:

- An extract from the 1:50,000 BGS geological mapping.
- Historical OS maps of various scales dating back to 1886 (presented in Appendix 1).
- Observations from a walkover study carried out by Liam Lonsdale of Geoinvestigate.
- A GroundSure Enviro+Geo Insight Report. This is included in Appendix 2.

3. Findings of Phase 1 Investigation

3.1 Anticipated Geology

The extract of the 1: 50,000 BGS geological mapping indicates that the site will be underlain by superficial deposits of Tidal Flat clay and silt with bedrock comprising the Ancholme Group mudstone.

Nearby BGS borehole record TA02SW97 shows made ground to 0.60m, underlain by silty clays to 6.20m. A 1.00m thick layer of peat is then present underlain again by clayey silt.

3.2 Historical OS Maps and Historical Land Use

Copies of historical OS maps were obtained for the site covering the period 1886 to 2024. Historical land uses and major features located within the site boundary and externally but potentially within influencing distance are summarised in Table 1. The earliest OS map of 1886 shows the site to comprise a brick yard.

Table 1: Summary of Historical OS Map Land Use & Potential Hazard Identification

Map Feature	Location	Appears	Absent	Notes
Brick yard	Onsite	1886	1983	Potential for made ground associated with clay extraction.
Marsh / Ponds	Onsite / surrounding	1932	Recent	Further evidence of clay extraction and infilling. Potential source of contamination and ground gas
Chimney	80m North	1967	Recent	Evidence of burning / brick firing / manufacture
(Mineral) Railway	Adjacent north	1886	Recent	Railways can be a source of PAH and metals contamination through soot deposition.
Building	Onsite	1888	Recent	Associated with brick yard / clay extraction work. Construction and use are possible sources of contamination.
Tramway	Onsite	1932	1988	Tramways can be a source of PAH and metals contamination through soot deposition.

NB. Arbitrary potential hazard assessment: High (Red), Moderate (Amber), Low (Yellow), Very Low (Green), Negligible (uncoloured)

A review of the historical OS maps has highlighted the land uses most likely to present (or have presented) a hazard or source of potentially harmful contamination to the study area. The primary features of interest are the brickworks, associated clay extraction works and any infilling of land from these.

3.3 GroundSure Enviro + Geo Insight Report

The GroundSure Enviro+Geo Insight Report presented in Appendix 2 provides listings of potentially contaminative current and past land uses together with possible pathway and receptor information. It also covers other potential risks to the site including ground hazards associated with the area’s natural geological setting and man-made hazards such as those arising from development activities. A summary of the relevant Report findings is presented in Table 2 below and on the following pages.

Table 2: GroundSure Enviro+Geo Insight Summary:

Details	Feature	Location relative to site
Past land use		
Historical industrial land uses	Brick Yard (4) Unspecified Works (2) Brick Works (12) Mineral Railway Sidings Railway Sidings (8) Unspecified Pit (30) Unspecified Pits (2) Unspecified Ground Workings (3) Unspecified Heap (5) Clay Pit Tileries (3) Chimney Unspecified Mills (4)	On site (Closest) On site (Closest) On site (Closest) On site On site (Closest) On site (Closest) On site (Closest) 65m NE (Closest) 70m SE (Closest) 256m E 267m W (Closest) 448m W 465m E (Closest)
Historical Tanks	N/A	N/A
Historical Energy Features	Electricity transformer (2)	307m S (closest)
Historical garages	N/A	N/A
Table 2 is continued on the following page		

Table 2 (ctd.): GroundSure Enviro+Geo Insight Summary:

Details	Feature	Location relative to site
Landfill and Other Waste Sites		
Historical landfill (LA/mapping records)	N/A	N/A
Historical landfill (EA/NRW records)	N/A	N/A
Historical waste sites	N/A	N/A
Licensed waste sites	N/A	N/A
Waste exemptions	Using waste exemption	481m SE
Current Land uses		
Recent industrial land uses	Unspecified works or factories Chimneys	37m N 68m N
Current or recent petrol stations	N/A	N/A
Control of Major Accident Hazards (COMAH)	N/A	N/A
Licensed pollutant release (Part A(2)/B)	Manufacture of clay (2)	57m N (closest)
Licensed Discharges to controlled waters	Sewage discharges (2)	97m S (closest)
Pollution Incidents (EA/NRW)	Other pollutant (2) Specific waste materials Oils and fuel	310m E (closest) 445m W 453m SE
Hydrogeology - Superficial aquifer		
Superficial aquifer	Unproductive	Onsite
Bedrock aquifer	Unproductive Principal	Onsite 380m S
Groundwater vulnerability	Unproductive	Onsite
Surface Water Abstractions	Historical (8)	663m SW (closest)
Hydrology		
Water Network (OS MasterMap)	Water year round (2)	59m E (closest)
WFD Surface water body catchments	River	On Site
WFD Surface water bodies	Transitional River	115m N 3469m SE
WFD Groundwater bodies	North Lincolnshire Chalk Unit	Onsite
River and coastal flooding		
Risk of Flooding from Rivers and Sea (RoFRaS)	High High	Onsite 0-50m
Historical Flood Events	Tidal	Onsite
Flood Zone 2	Zone 2 - (Fluvial /Tidal Models)	Onsite
Flood Zone 3	Zone 3 - (Fluvial Models)	Onsite
Surface water flooding		
Surface water flooding	Highest risk on site Highest risk within 50m	1 in 30 year, 0.1m – 0.3m 1 in 30 year, 0.1m – 0.3m
Groundwater flooding		
Groundwater flooding	Highest risk on site Highest risk within 50m	High High
Table 2 is continued on the following page		

NB Arbitrary potential hazard assessment: potentially significant (yellow), or unlikely to be significant (uncoloured). Potential receptors for contamination are highlighted blue.

Table 2 (ctd.): GroundSure Enviro+Geo Insight Summary:

Details	Feature	Location relative to site
Environmental designations		
Sites of Special Scientific Interest (SSSI)	Humber Estuary (3)	76m W (closest)
Conserved Wetland Sites	Humber Estuary (3)	75m W (closest)
Special Areas of Conservation (SAC)	Humber Estuary	84m N
Special Protection Areas (SPA)	Humber Estuary (4)	76m W (closest)
National Nature Reserves (NNR)	Far Ings (2)	76m W (closest)
Local Nature Reserves (LNR)	Waters Edge (2) Far Ings	212m E (closest) 823m SW
Nitrate Vulnerable Zones	Groundwater (3)	597m S (closest)
Visual and cultural designations		
Listed Buildings	Grade II (5)	33m N (closest)
Agricultural and Habitat designations		
Agricultural Land Classification	Grade 3	Onsite
Tree Felling Licenses	Selective fell/thin (conditional)	212m E
Environmental Stewardship Schemes	Higher Level Stewardship (3)	52m W (closest)
Priority Habitat Inventory	Deciduous woodland (4) No main habitat but additional habitats present (5) Reedbeds (9) Coastal saltmarsh (7) Mudflats (2)	11m SW (closest) 29m N (closest) 90m SW (closest) 91m N (closest) 144m N (closest)
Habitat Networks	Network Enhancement Zone 1 Network Enhancement Zone 2 (3) Primary Habitat (2) Associated Habitat Restorable Habitat	Onsite 12m W (closest) 65m SW (closest) 163m N 248m E
Geology 1:10,000 scale		
Artificial and made ground (10k)	Made ground	313m S
Superficial geology (10k)	Tidal flat deposits- clay and silt (2)	Onsite (closest)
Bedrock geology (10k)	Ancholme Group - Mudstone and Siltstone Hunstanton Formation – Chalk Ferriby Chalk Formation - Chalk	Onsite 354m S 368m S
Bedrock faults and other linear features (10k)	N/A	N/A
Geology 1:50,000 scale		
Artificial and made ground (50k)	Made ground (undivided)	350m S
Superficial geology (50k)	Tidal flat deposits (2)	Onsite (closest)
Superficial permeability (50k)	Low to very low	Onsite
Bedrock geology (50k)	Ancholme Group - Mudstone (2) Hunstanton Formation – Chalk Ferriby Chalk Formation - Chalk	Onsite (closest) 380m S 408m S
Bedrock permeability (50k)	Fracture (low to very low)	Onsite
Bedrock faults and other linear features (50k)	N/A	N/A
Natural ground subsidence		
Shrink swell clays	Low	Onsite
Running sands	Moderate	Onsite
Compressible deposits	Moderate	Onsite
Collapsible deposits	Negligible	Onsite
Landslides	Very Low	Onsite
Ground dissolution of soluble rocks	Negligible	Onsite
Table 2 is continued on the following page		

NB Arbitrary potential hazard assessment: potentially significant (yellow), or unlikely to be significant (uncoloured). Potential receptors for contamination are highlighted blue.

Table 2 (ctd.): GroundSure Enviro+Geo Insight Summary:

Details	Feature	Location relative to site
Mining, ground workings and natural cavities		
BritPits	Clay & Shale (13)	56m SW (closest)
Surface ground workings	Brick Works (12) Unspecified Pit (33) Unspecified Pits (2) Brick Yard (4) Ponds (25) Water Bodies (2) Pond (23) Unspecified Ground Workings (3) Unspecified Heap (10)	On site (Closest) On site (Closest) On site (Closest) On site (Closest) On site (Closest) On site (Closest) 9m S (Closest) 65m NE (Closest) 70m SE (Closest)
Underground workings	Unspecified Shaft	767m E
Historical Mineral Planning Areas	Clay (2)	Onsite (closest)
Non-coal mining	N/A	N/A
JPB mining areas	N/A	N/A
Coal mining	N/A	N/A
Radon Risk		
Radon Risk	Less than 1% of properties affected, no protection required	Onsite
Soil chemistry		
Mostly near normal levels recorded.		
Railway infrastructure and projects		
Historical railway and tunnel features	Tramway sidings Mineral railway sidings (4) Railway sidings (5)	Onsite Onsite (closest) Onsite (closest)
Railways	N/A	N/A

NB Arbitrary potential hazard assessment: potentially significant (yellow), or unlikely to be significant (uncoloured). Potential receptors for contamination are highlighted blue.

The GeoInsight report has highlighted no additional potential risks to the site or the intended development arising due to historical or current land uses and the site's geological setting beyond those already discussed save for perhaps the risk of compressible deposits and running sands. The adjacent water features represent viable receptors at the site.

3.4 Walkover Survey Observations

A site reconnaissance visit was undertaken on the 25th April 2024 by Liam Lonsdale of Geoinvestigate.

The site was as described in Section 1 of this report comprising open land with a garden centre to the north. The site currently comprises an area of land some 0.16 ha in size.

The site comprises a hardstanding platform laid paving slab, currently used as an outdoor seating area with garden furniture. The site slopes down to the south to a pond / water feature. No vegetation was noted, and the site is bound by a fence. No tanks, waste storage or asbestos containing material was noted.

The inspection of the surface of the site found no obvious evidence of physical hazards or odours, staining, or residues that might be indicative of the presence of chemical (including hydrocarbon) contamination. On the basis of the walkover inspection only, the risk of a serious contamination hazard occurring at this site would be assessed to be very low given the current condition of the site and use. The hazardous gas risk at the site, based solely on the findings of the walkover survey, would also be assessed to be very low given it is unlikely any substantial gas source exists beneath the site.

It is noted however that despite the apparent lack of evidence of any contamination encountered during the visual inspection described above, any planning application is likely to require confirmation that no contamination is likely to have occurred. Photographs taken during the walkover survey are presented below and on the following page:

Photograph 1: Raised platform /patio onsite



Photograph 2: Looking south onto pond



Photograph 3: Site boundary shown by fence.



Photograph 4: Patio area with garden centre to the north



4. Qualitative Risk Assessment

4.1 Method

In order to assess the potential risks to the site, information obtained on the potential sources of hazard identified in Section 3 have been reviewed and applied to a model of the site. This allows an assessment of the potential sources of contamination to be made by examining the potential pollutant linkages between these and the receptors at the site.

The risk assessment presented comprises a source-pathway-receptor model developed in the context of the intended end use of the site (Commercial use).

It is noted that an alternative land use would present different pollutant linkages with more or less vulnerable receptors and differing pathways for exposure. Were the intended land use to be changed at the site, a revised risk assessment would be required.

Identified potential sources of hazard or contamination, vulnerable receptors, and possible pathways by which they may be exposed are presented in the Conceptual Ground Hazard Model (CGHM) presented in Figure 1, see Section 4.2.

In addition to risks to human health and controlled waters and aquifers posed by contamination and ground gas, the CGHM examines the potential risks to the construction of the development including its buildings from geological or geotechnical hazards.

It allows an overall assessment to be made of the potential hazards and risks to the site and the proposed development with respect to “fitness for purpose”. Superficial geology which is expected to lie beneath the site is likely to have low permeability.

4.2 Risk Assessment

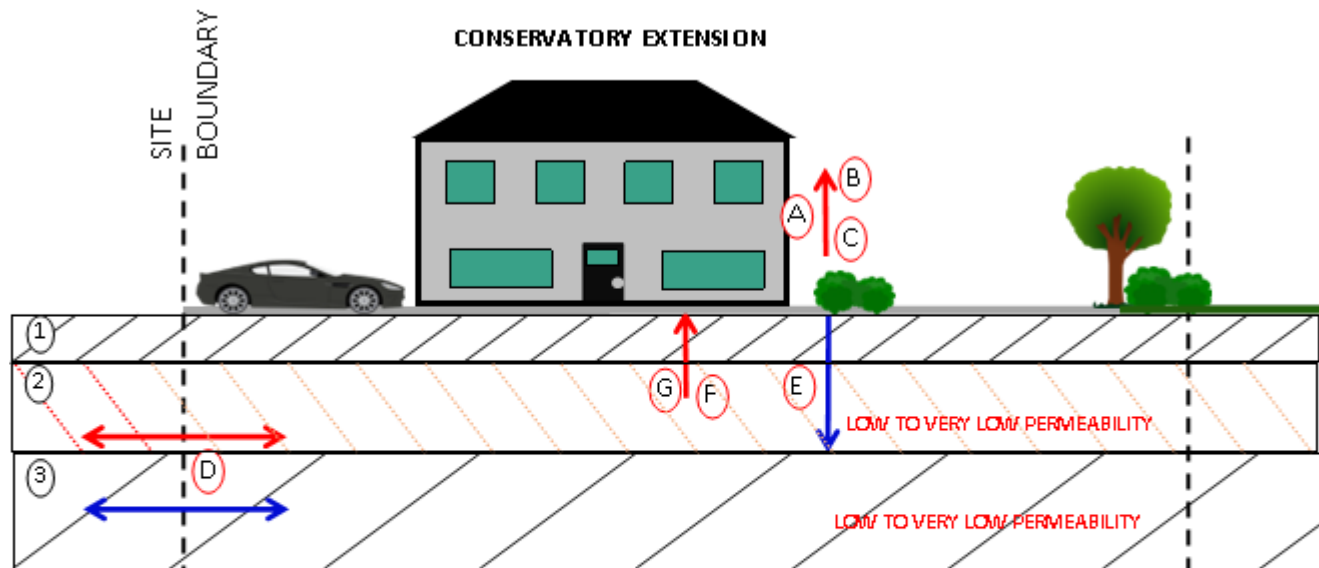
The desk study has highlighted the presence of possible sources of contamination which could potentially affect (or have affected) the site, primarily comprising the brickworks and associated infilling and railway/tramway.

Contamination from external sources would require a favourable pathway for migration into the site.

BGS mapping and borehole records both suggest that the superficial deposits will primarily comprise clay soils which would have intrinsically low permeability. As such, it is quite unlikely that a plausible pathway for contamination migration into or out of the site could exist and thus the risk of contamination migration is probably low. However, an elevated risk of made ground may be attributable to the site, given the former onsite extraction and infilling works. This made ground, and the adjacent water feature might provide a viable potential source of contamination.

Potential receptors at the site would include the end users of the site, workers employed in the construction of the new development, the buildings themselves and their services, plants and vegetation, neighbouring sites (and their users/occupants), nearby surface water and ground water at depth. A representation of the potential hazards and pollutant linkages is shown in Figure 1 overleaf.

Figure 1 – Conceptual Ground Hazard Model of site including a Source, Pathway and Receptor Model



- ① SURFACE —TOPSOIL AND POTENTIAL MADE GROUND PRESENT.
 ② SUPERFICIAL GEOLOGY—TIDAL FLAT DEPOSITS (CLAY AND SILT).
 ③ BEDROCK GEOLOGY —PENNINE LOWER COAL MEASURES (MUDSTONE, SILTSTONE AND SANDSTONE).

IDENTIFIED HAZARDS Including Potential CONTAMINATION SOURCES

- Historical nearby land uses such as brick works.
- Ground surface instability due to potential made ground.
- Potential hazardous gases sourced from made ground near to or within site.

IDENTIFIED RECEPTORS and ASSOCIATED PATHWAY

- A— End Users through Direct Contact / Inhalation / Ingestion. Buildings and hard standing will encompass some of the site, removing any pathway to end users through direct contact in these areas.
- B— Plants and Trees through uptake, likely given the intended end use and configuration of the site.
- C— End Users through cultivation and consumption of vegetables / fruit. Unlikely given the intended end use of the site.
- D— Neighbouring Sites through lateral migration (in soil and water, including surface water run off).
- E— Ground water through leaching of sub-soil.
- F— Buildings and services through direct contact.
- G— End users and buildings through ground gas migration.
- H— Ground stability hazards (etc..)

The CGHM and the summary table below (Table 3) present the most likely potential sources of contamination, gas or geotechnical risk that are considered to be possible either within or near to the study site.

The identified potential contamination sources could feasibly have given rise to harmful and potentially mobile contamination of made ground and/or natural deposits which might underlie the site. Superficial deposits are anticipated to primarily comprise low permeability clay soils and so significant contamination migration into or out of the site is currently thought unlikely to be possible / have occurred. However, given the presence of made ground is it considered possible that contamination migration into or out of the site could occur / have occurred.

Therefore, assuming the worst-case scenario, the potential for harmful contamination to exist at the site from historical sources is assessed to be Moderate (as opposed to very low) owing to the potentially contaminative activities located near to and/or within the study area (primarily concerning the adjacent brickworks / clay extraction and rail/tramway and brickworks).

The hazardous gas risk is currently assessed to be Moderate as it is possible that some potential hazardous gas source exists at or the site or within influencing distance (associated with the made ground deposits).

The actual current level of risk to the development and its users can only be ascertained for certain through confirmation of the ground conditions by a Phase 2 intrusive investigation, including a contamination survey, and a gas monitoring survey.

Table 3: Summary of Conceptual Ground Hazard Model

Potential Source	Nature of Hazard	Associated Contaminants	Pathway	Receptor	Preliminary Risk Rating
Historical land use and development. Possible made ground. Adjacent tramway railway. Brick works / chimney etc	Inorganic and organic chemical contaminants within soil.	-Trace metals -PAHs -Petroleum hydrocarbons -Asbestos	-Direct human contact -Ingestion of soil -Ingestion of dust -Inhalation of vapour -Leaching into ground or surface waters -Overground migration to external sites (soil and water)	-Site Operatives -End Users -Vegetation -Controlled waters -Structures and services -Neighbouring sites/users	Moderate
Possible made ground	Hazardous ground gas migration.	Landfill-type gases (CO ₂ , CH ₄ etc.)	-Inhalation -Explosion risk	-Site Operatives -End Users -Structures	Moderate
Local Geology	Radon gas migration	Radon gas	-Inhalation	-End Users	Negligible
Shallow coal mine workings	Ground instability via risk of settlement / collapse	N/A	Direct	-End Users -Structures	Negligible
Shrink-swell clays	Ground instability vegetation influence / heave	N/A	Direct	-End Users -Structures	Low
Infilled ground	Ground instability via risk of settlement	N/A	Direct	-End Users -Structures	Moderate

NB. Arbitrary potential hazard assessment: High (Red), Moderate (Amber), Low (Yellow), Very Low (Green), Negligible (uncoloured)

5. Conclusions

A summary of the anticipated ground conditions, risks and implications based on the findings of Sections 3 and 4 of this report is presented in Table 4 below:

Table 4: Summary of Phase 1 Desk Study Findings

Concern	Desk Study Finding	Initial Risk Assessment	Potentially Useful Action in a Phase 2 Site Investigation
Normal Foundations	Made ground potentially present underlain by competent clay. It is possible that no made ground is present Potential anticipated.	Possibly unsuitable	Borehole investigation to confirm strength of ground with regard to supporting building loads. Soil analysis might also be included to stablish risk with regard to shrink-swell clay to rule out vegetation influence, or assess strength of any potentially weaker soils.
Soakaways	Clay soils unlikely to offer sufficient permeability.	Unlikely to be suitable	Water infiltration testing to quantify permeability of superficial deposits if granular strata are encountered.
Radon Gas	Less than 1% of properties affected.	Negligible	None. No radon protection required.
Chemical Contamination	Historical nearby and on-site land uses potentially giving rise to a range of inorganic and organic contaminants including asbestos, metals/metalloids, PAHs and petroleum hydrocarbons.	Moderate	Chemical analysis for potential contaminants in soil samples (and potentially leachate). Samples should be recovered from made ground (if found) and topsoil, and also potentially underlying natural sub soils to check for potential leaching and/or migration into the site from possible external sources.
Hazardous Gas	Unlikely to be any significant potential source of hazardous gas.	Moderate	Ground gas monitoring unlikely to be required unless significant (>1m deep) made ground deposits are encountered. Alternative means of assessment may be useful such as those described in CL:AIRE RB17.
Ground Instability/ subsidence	Potential for compressible deposits.	Moderate	Borehole investigation to confirm strength of both natural and made ground and shrinkage potential of any cohesive soils.
	Potential Instability of slope / platform edge.		
	Potential for significant deposits of compressible made/infilled ground.	Low	

NB. Arbitrary potential hazard assessment: High (Red), Moderate (Amber), Low (Yellow), Very Low (Green), Negligible (uncoloured)

The initial risk assessment provided above is tentative as it is based only on the Phase 1 desk study. The risks will need to be reassessed and may perhaps change significantly becoming higher or lower depending on the results of the Phase 2 intrusive investigation and contamination/gas survey, should these be undertaken.

6. Recommendations

In light of the Phase 1 desk study findings, it is recommended that a Phase 2 investigation be undertaken at the site to better explore the possible risks that have been identified. This should include contamination analyses with a geotechnical appraisal of the site to establish correct foundation requirements. As there are relative uncertainties, this work is recommended in order to establish the actual site conditions and to properly assess both geotechnical and environmental risks.

The Phase 2 investigation should be designed to focus on the potential contaminants highlighted in the CGHM (Figure 1 and Table 4).

Table 5: Proposed Phase 2 Site Investigation Specification

Action	Quantities	Justification/Details
Window Sampling Boreholes	Up to 5 boreholes. (up to 4-5m in depth – if achievable)	<p>Establish actual ground conditions and confirm strength of ground.</p> <p>Retrieve samples of possible made ground and natural soils for geotechnical testing and contamination analysis. Potentially recover ground water samples if encountered.</p> <p>Installation of ground gas monitoring wells (if appropriate).</p>
Hand excavated trial pits	Up to 3 (up to 1m in depth – if achievable)	Further inspect condition and composition of soils and recover additional samples for contamination analyses, including in locations which may be difficult for plant to access.
Chemical Contamination Analysis of Soils and Leachate (and possibly ground water if pertinent)	Up to 6 No. samples from topsoil and/or made ground at shallow depth (<1m) and potentially also deeper natural strata or made ground (if encountered).	<p>Quantify risk posed to receptors identified in CGHM (see Figure 1) for revised risk assessment.</p> <p>Determinants should include a range of metals/metalloids, speciated PAH content, petroleum hydrocarbon content, BTEX, asbestos presence, and soil organic matter content (to aid in revised risk assessment).</p>
Gas monitoring	Up to 6 No. visits over 3 months. Preferably including occasions of <1000mb and after sharp drop (may only be required in made ground encountered at site).	<p>Quantify risk posed by potential hazardous gas from made/in-filled ground. Possible analysis of Total Organic Carbon (TOC) to support gas measure recommendations (or in the absence of gas monitoring data) using guidance published in CL:AIRE research bulletin RB17.</p> <p>If no evidence of significant (>1m deep) made ground deposits are encountered, then monitoring may not be necessary or may be cut short (i.e. if there is no feasible significant gas sources).</p>
Geotechnical Testing	<p>Up to 50+ No.</p> <p>Up to 5 No.</p>	<p>Moisture content determination to classify nature of soils.</p> <p>Atterberg Limit determinations to assess the shrinkage and swelling characteristics of the ground should clay soils be encountered.</p>
Provision of Factual and Interpretive Report	N/A	<p>Presentation of findings and implications including:</p> <ul style="list-style-type: none"> • Site plan • Borehole and trial pit logs • Results of geotechnical testing • Contamination analysis results • Ground gas measurements (if appropriate) • Revised CGHM and chemical contamination risk assessment including appropriate soil assessment criteria • Advice regarding any necessary remediation/validation • Advice regarding foundation design etc.

It should be noted that the scope, extent and cost of the Phase 2 work may increase if extensive ground contamination, or extensive amounts of made ground or drift deposits were found to exist at the site and/or the Local Authority or the Environment Agency require additional information.

END OF REPORT



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APPENDIX 1
HISTORICAL MAP RECORD

Site Details:

GARDEN CENTRE, THE OLD
TILE YARD, ACCESS ROAD TO
WORKS OFF FAR INGS ROAD,
BARTON UPON HUMBER,
NORTH LINCOLNSHIRE, DN18
5RF

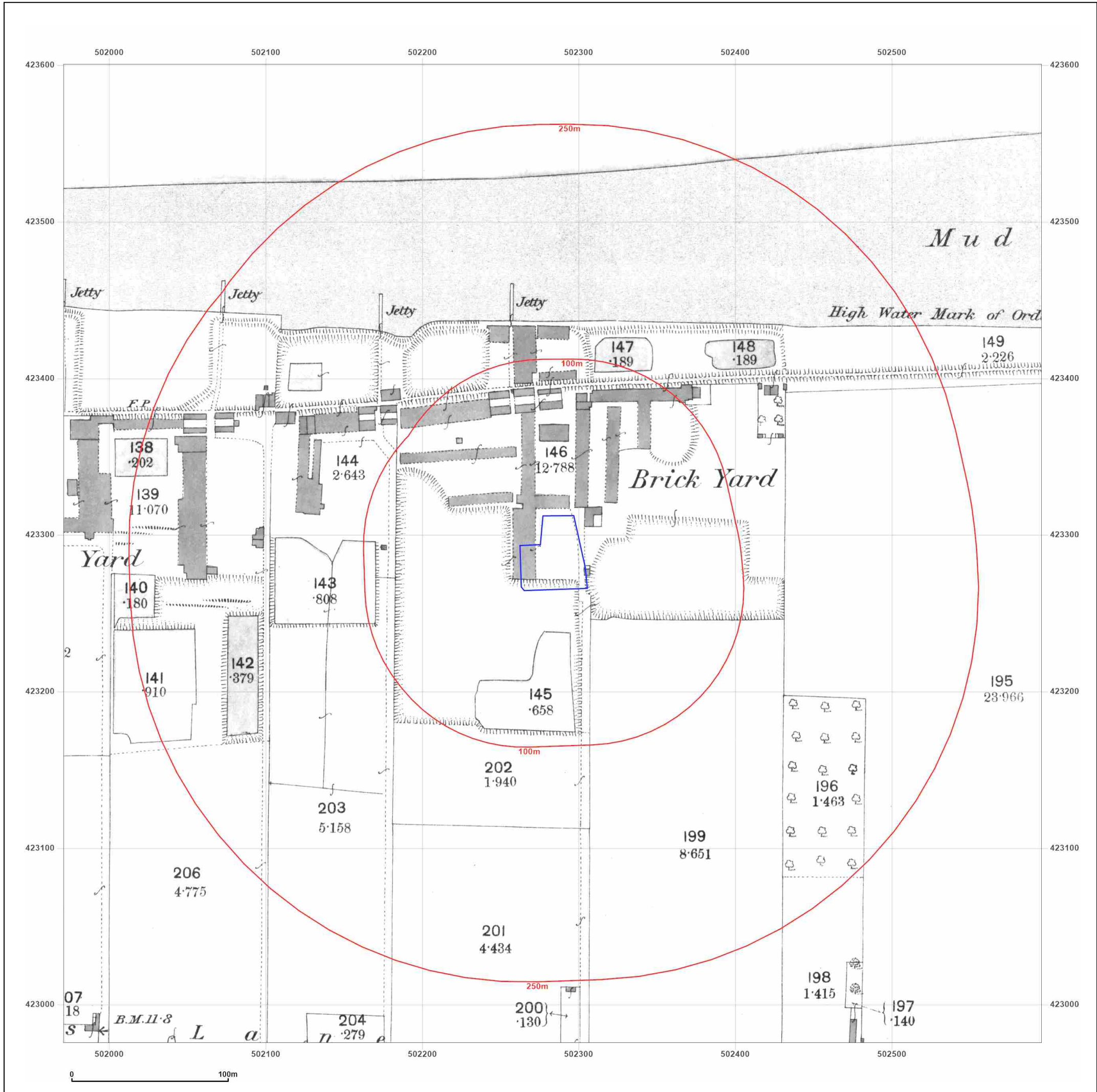
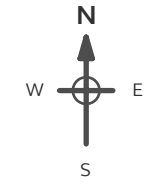
Client Ref: G24098
Report Ref: GS-RS3-VDI-36K-5CH
Grid Ref: 502283, 423288

Map Name: County Series

Map date: 1888

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1888
Revised 1888
Edition N/A
Copyright N/A
Levelled N/A



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Production date: 26 March 2024

Map legend available at:
www.groundsure.com/sites/default/files/groundsure_legend.pdf

Site Details:

GARDEN CENTRE, THE OLD
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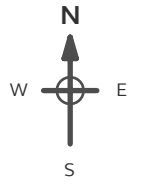
Client Ref: G24098
Report Ref: GS-RS3-VDI-36K-5CH
Grid Ref: 502283, 423288

Map Name: County Series

Map date: 1932

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1932
Revised 1932
Edition N/A
Copyright N/A
Levelled N/A

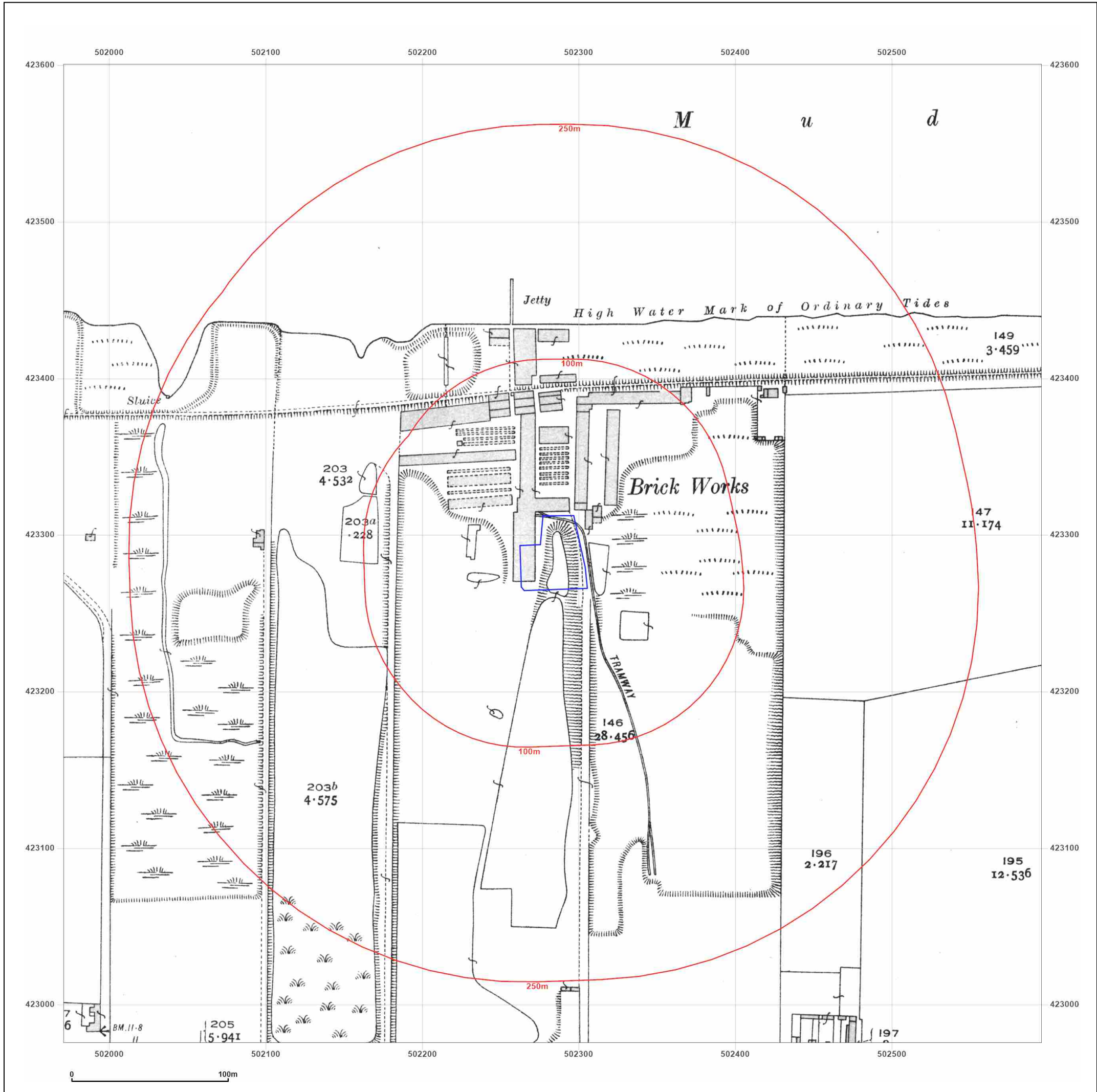


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Production date: 26 March 2024

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Site Details:

GARDEN CENTRE, THE OLD
TILE YARD, ACCESS ROAD TO
WORKS OFF FAR INGS ROAD,
BARTON UPON HUMBER,
NORTH LINCOLNSHIRE, DN18
5RF

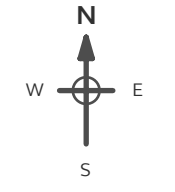
Client Ref: G24098
Report Ref: GS-RS3-VDI-36K-5CH
Grid Ref: 502283, 423288

Map Name: National Grid

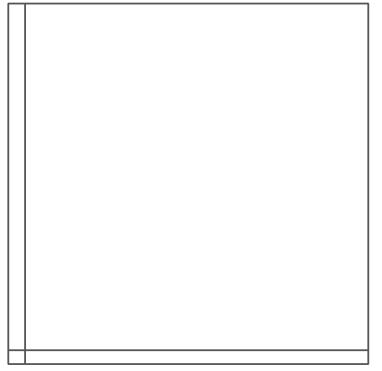
Map date: 1967

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1967
Revised 1967
Edition N/A
Copyright 1968
Levelled 1951



Surveyed 1967
Revised 1967
Edition N/A
Copyright 1968
Levelled 1951

Surveyed 1967
Revised 1967
Edition N/A
Copyright 1968
Levelled 1951

Surveyed 1967
Revised 1967
Edition N/A
Copyright 1968
Levelled 1956

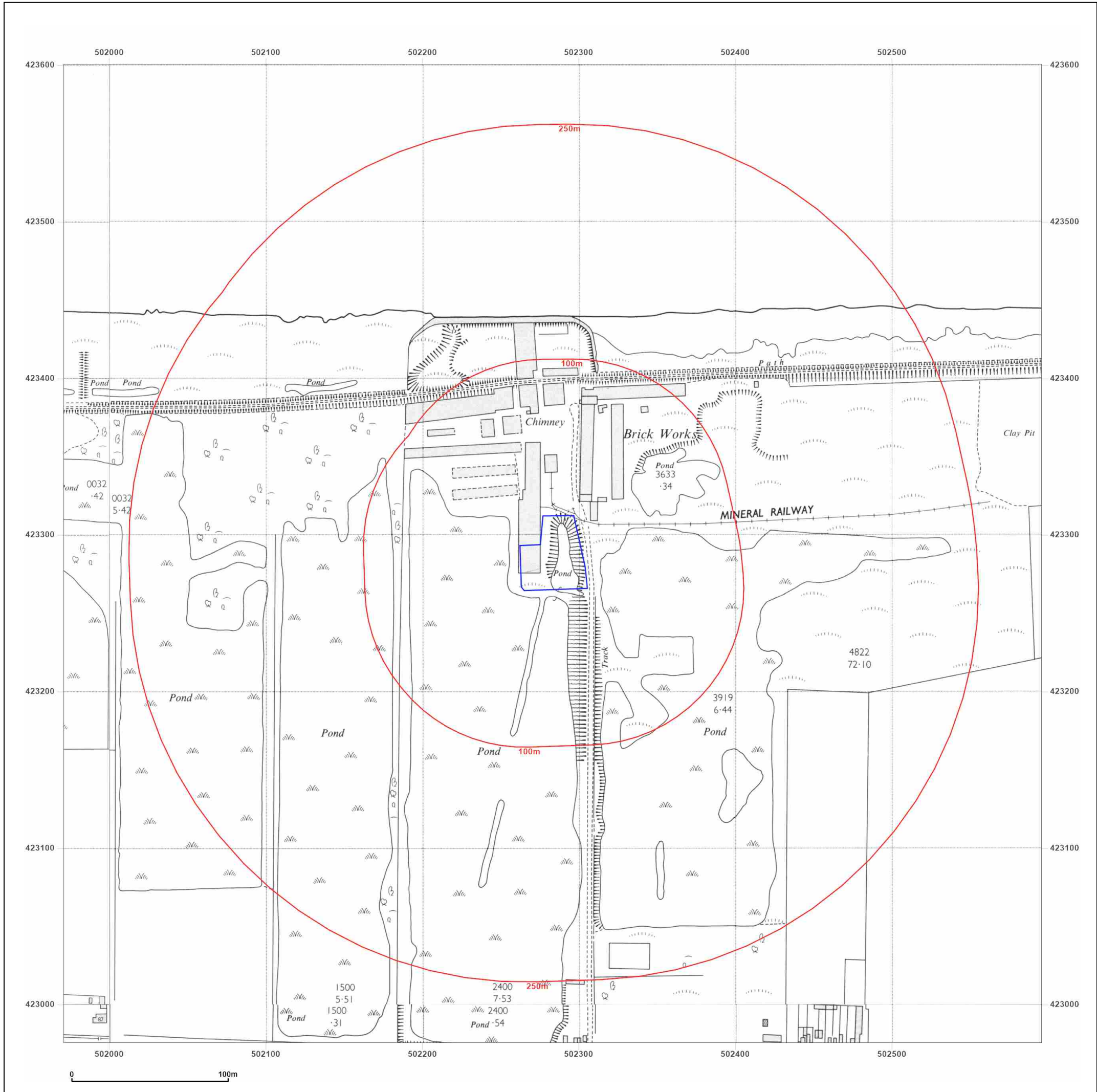


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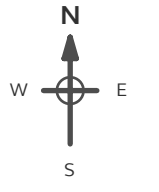


Site Details:

GARDEN CENTRE, THE OLD TILE YARD, ACCESS ROAD TO WORKS OFF FAR INGS ROAD, BARTON UPON HUMBER, NORTH LINCOLNSHIRE, DN18 5RF

Client Ref: G24098
Report Ref: GS-RS3-VDI-36K-5CH
Grid Ref: 502283, 423288

Map Name: National Grid
Map date: 1981-1982
Scale: 1:2,500
Printed at: 1:2,500



Surveyed 1981
 Revised 1981
 Edition N/A
 Copyright 1982
 Levelled 1969

Surveyed 1982
 Revised 1982
 Edition N/A
 Copyright 1983
 Levelled 1969

Powered by

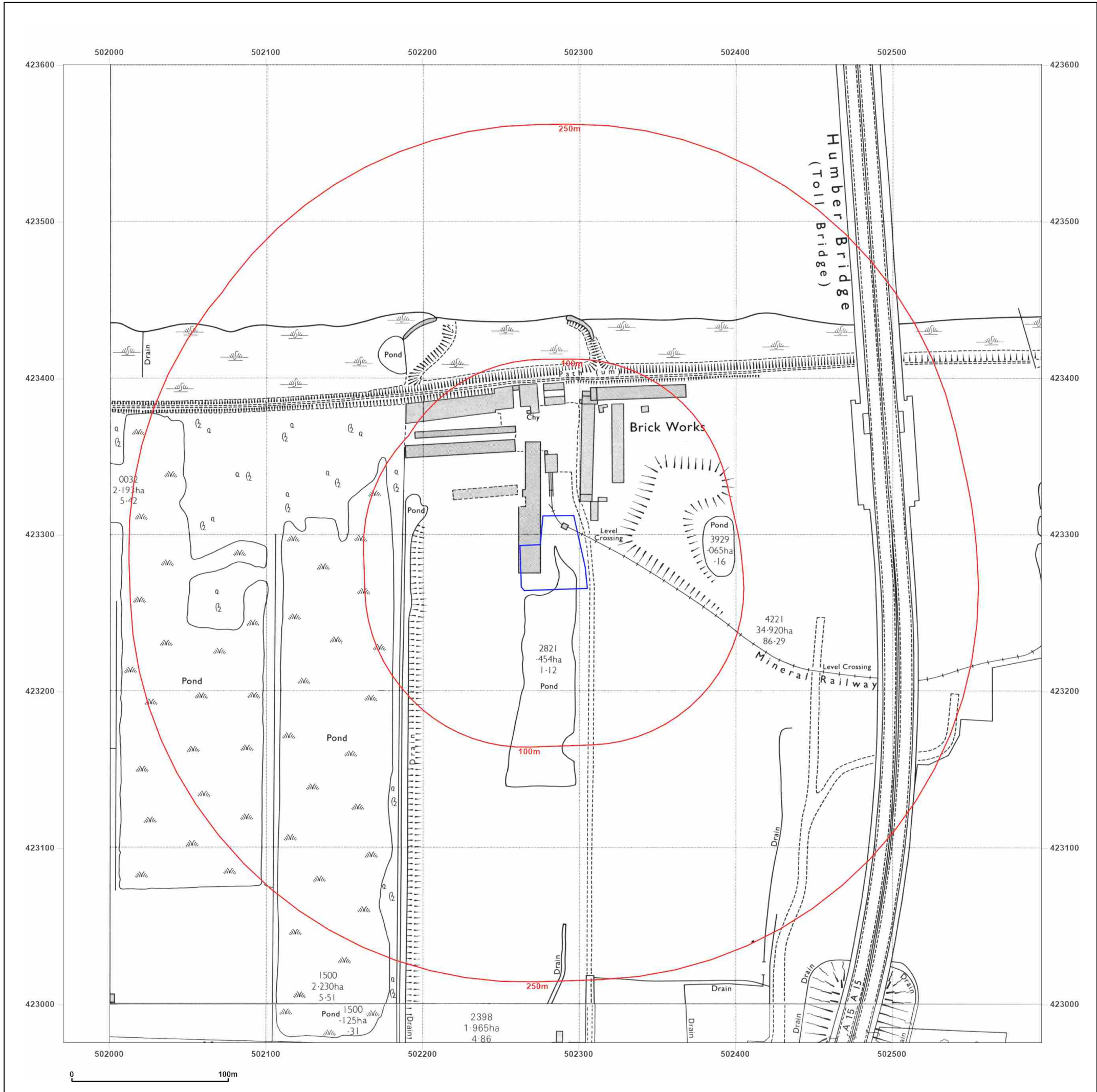


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Client Ref: G24098
Report Ref: GS-RS3-VDI-36K-5CH
Grid Ref: 502283, 423288

Map Name: National Grid

Map date: 1983-1988

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1969
 Revised 1988
 Edition N/A
 Copyright 1988
 Levelled 1969

Surveyed 1983
 Revised 1983
 Edition N/A
 Copyright 1984
 Levelled 1969

Surveyed 1969
 Revised 1982
 Edition N/A
 Copyright 1987
 Levelled 1969

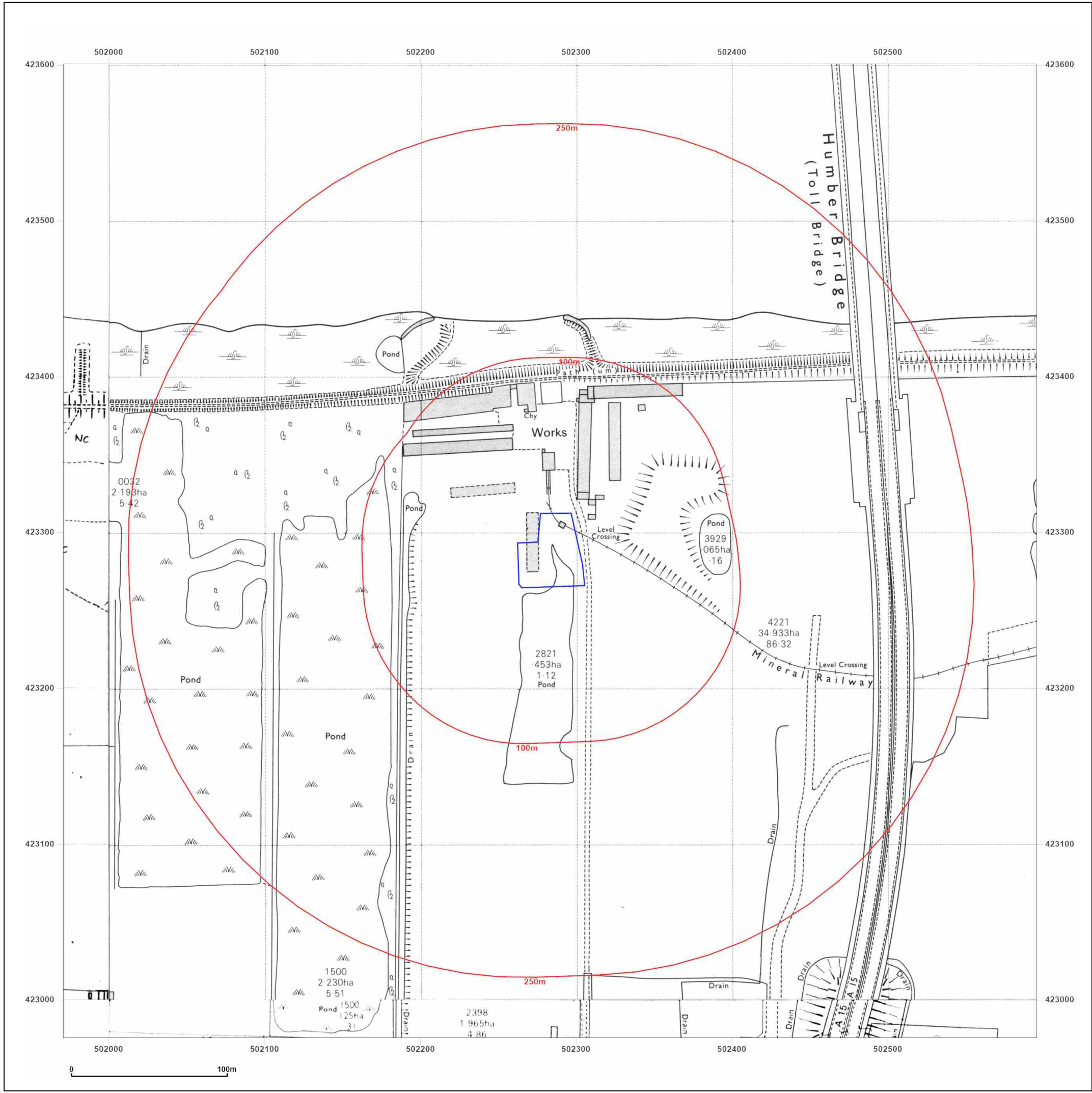


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5RF

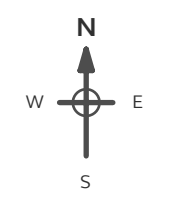
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Report Ref: GS-RS3-VDI-36K-5CH
Grid Ref: 502283, 423288

Map Name: National Grid

Map date: 1988-1993

Scale: 1:2,500

Printed at: 1:2,500



Surveyed N/A	Surveyed 1969
Revised N/A	Revised 1983
Edition N/A	Edition N/A
Copyright 1988	Copyright 1993
Levelled 1969	Levelled 1969

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

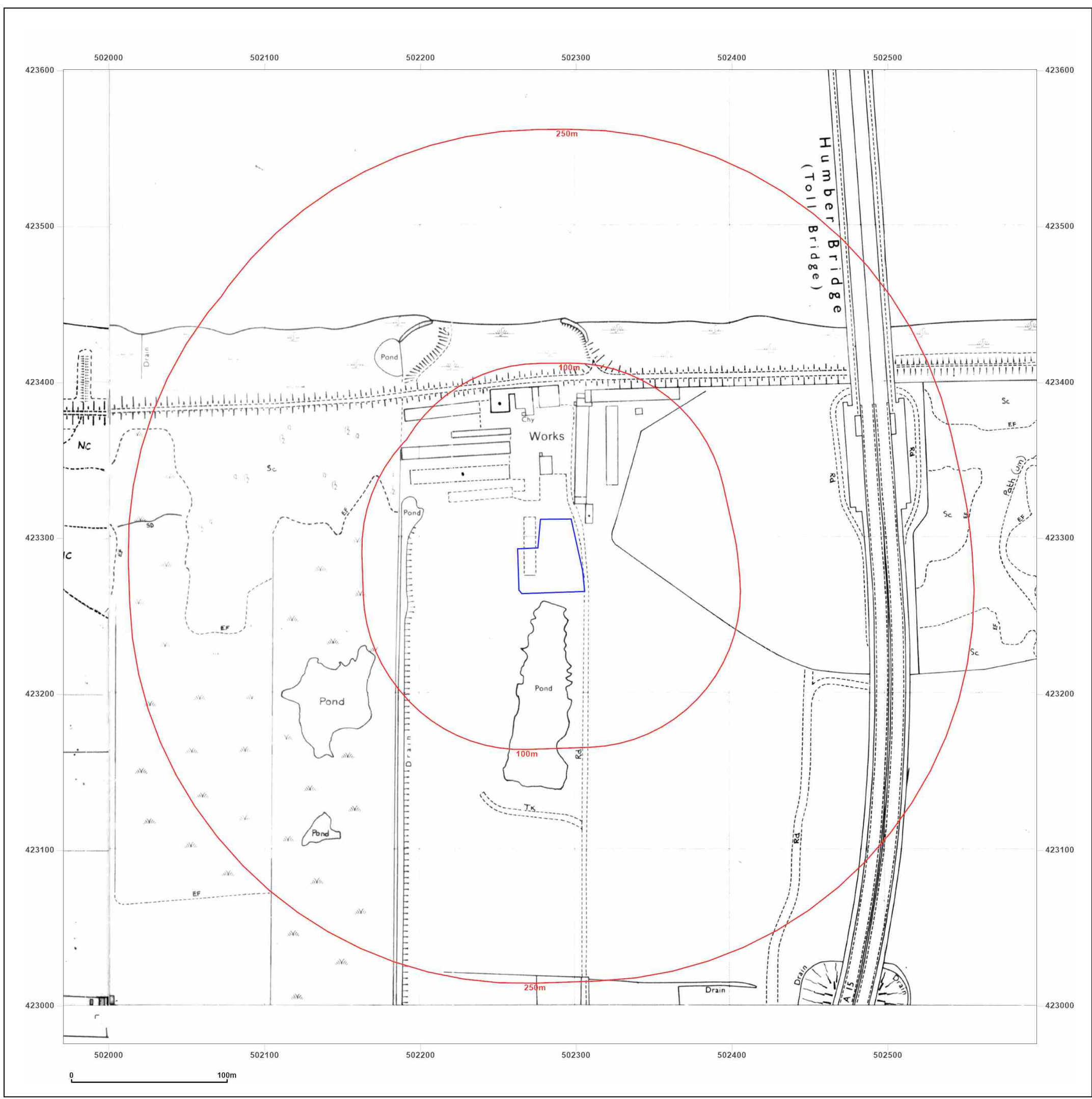


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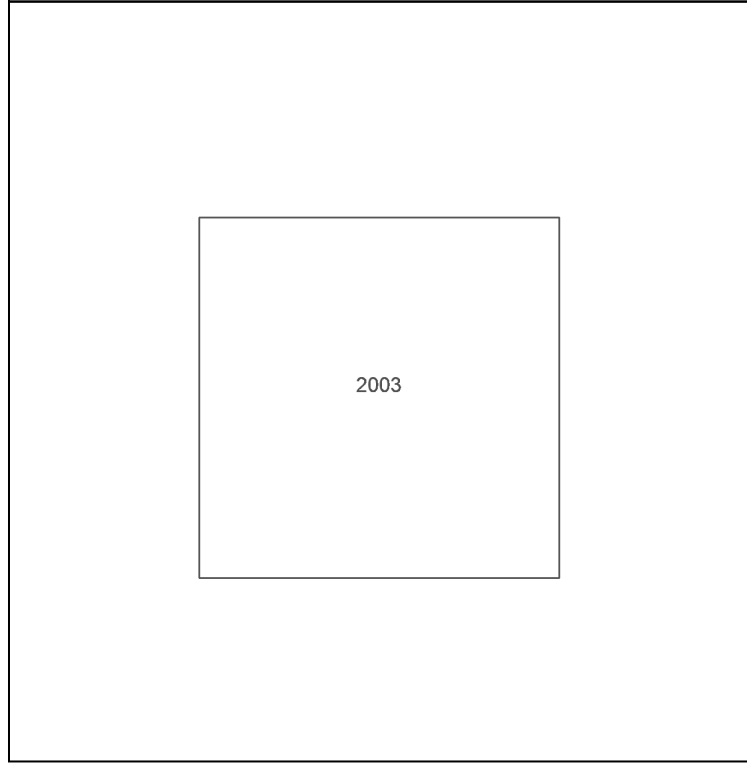
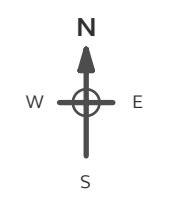
Client Ref: G24098
Report Ref: GS-RS3-VDI-36K-5CH
Grid Ref: 502283, 423288

Map Name: LandLine

Map date: 2003

Scale: 1:1,250

Printed at: 1:1,250

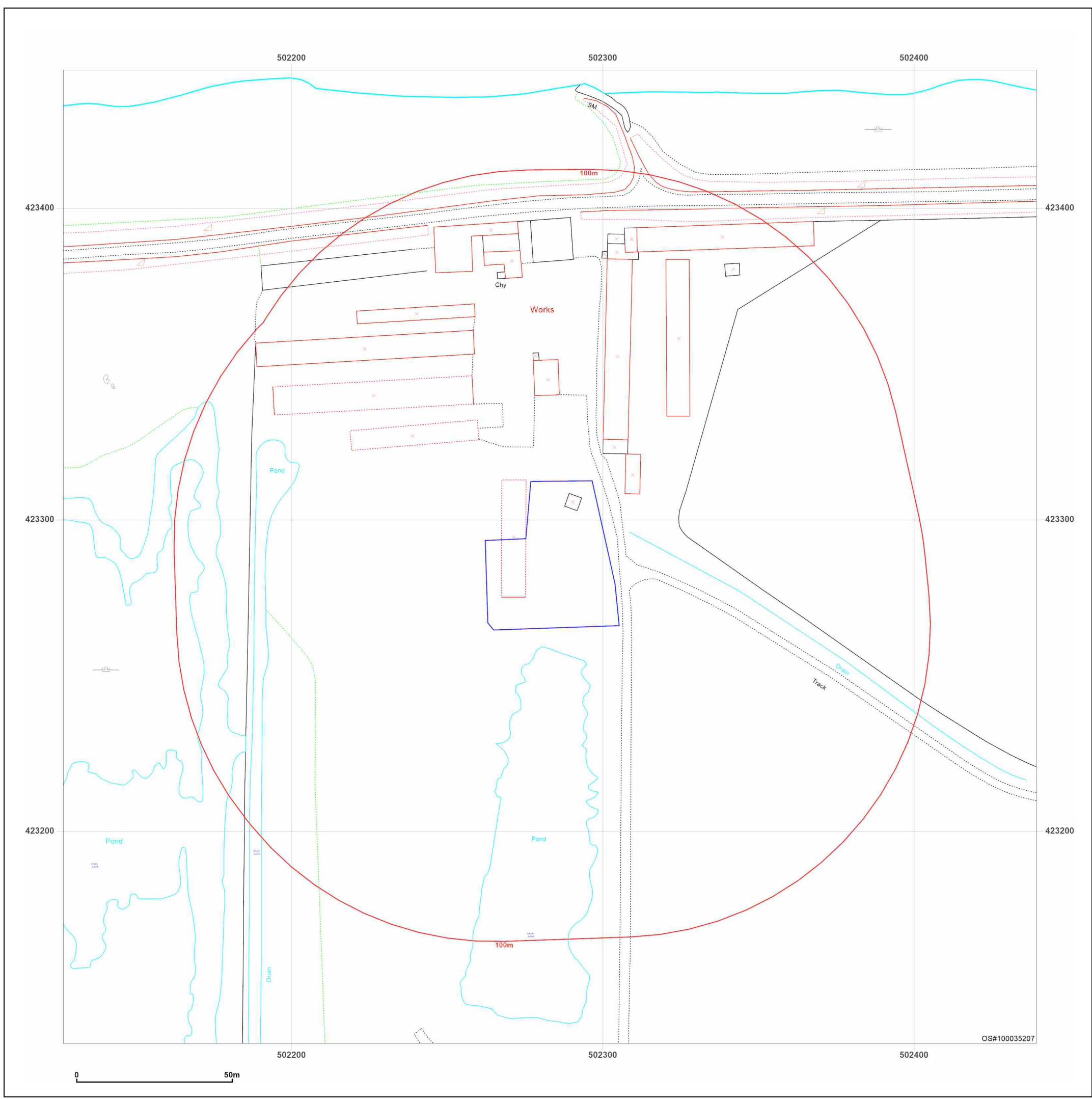


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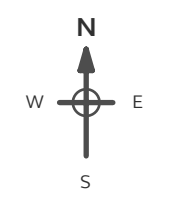
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Report Ref: GS-RS3-VDI-36K-5CH
Grid Ref: 502283, 423288

Map Name: County Series

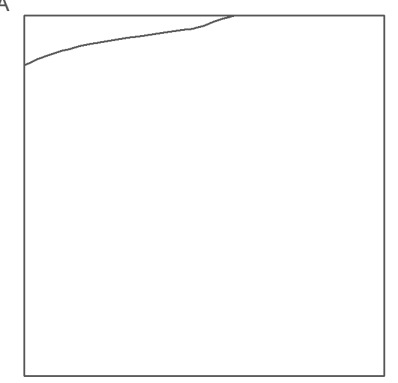
Map date: 1855

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1852
Revised N/A
Edition 1855
Copyright N/A
Levelled N/A

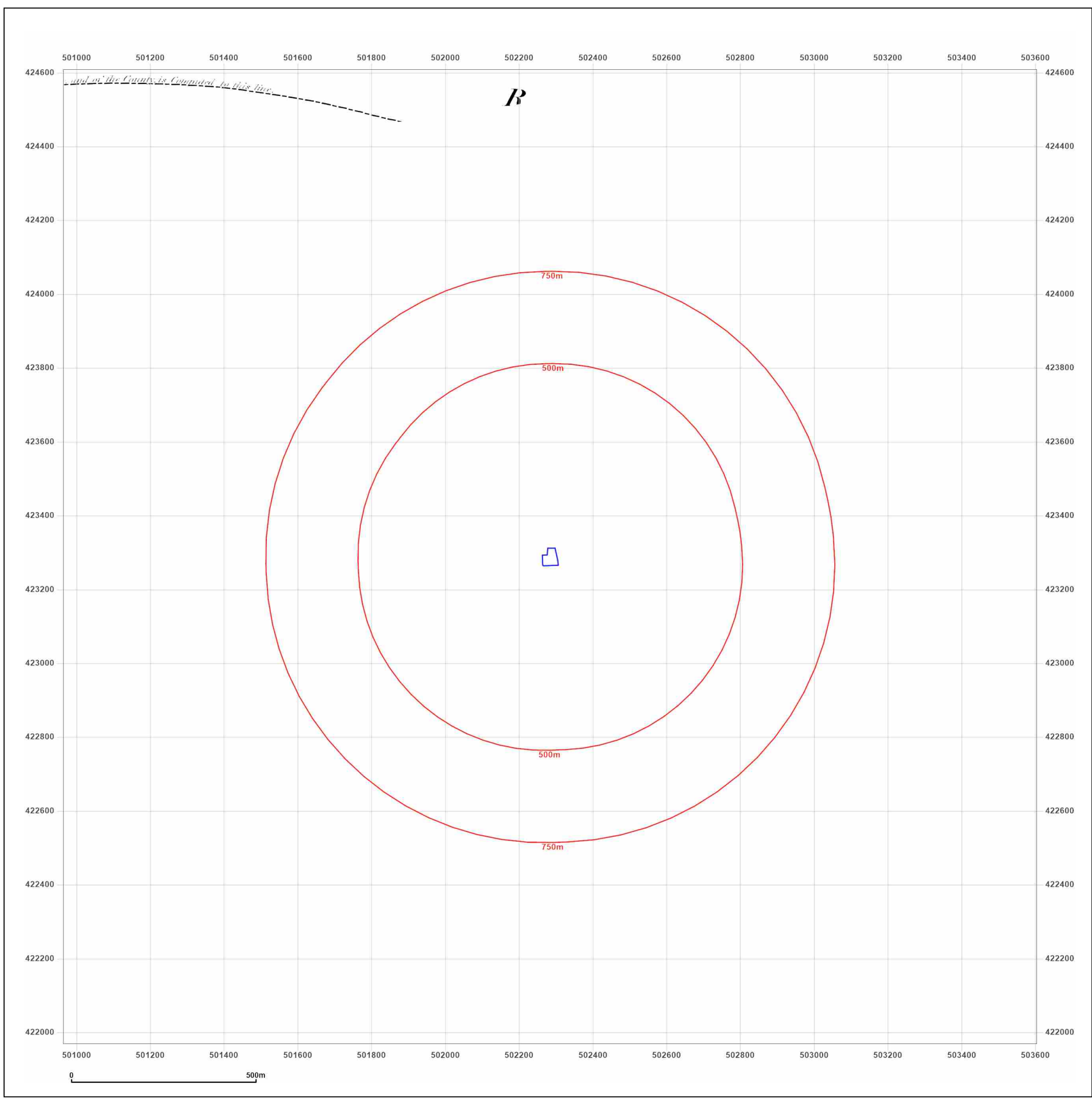


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Client Ref: G24098
Report Ref: GS-RS3-VDI-36K-5CH
Grid Ref: 502283, 423288

Map Name: County Series

Map date: 1886

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1886 Revised N/A Edition N/A Copyright N/A Levelled N/A	Surveyed 1886 Revised N/A Edition N/A Copyright N/A Levelled N/A
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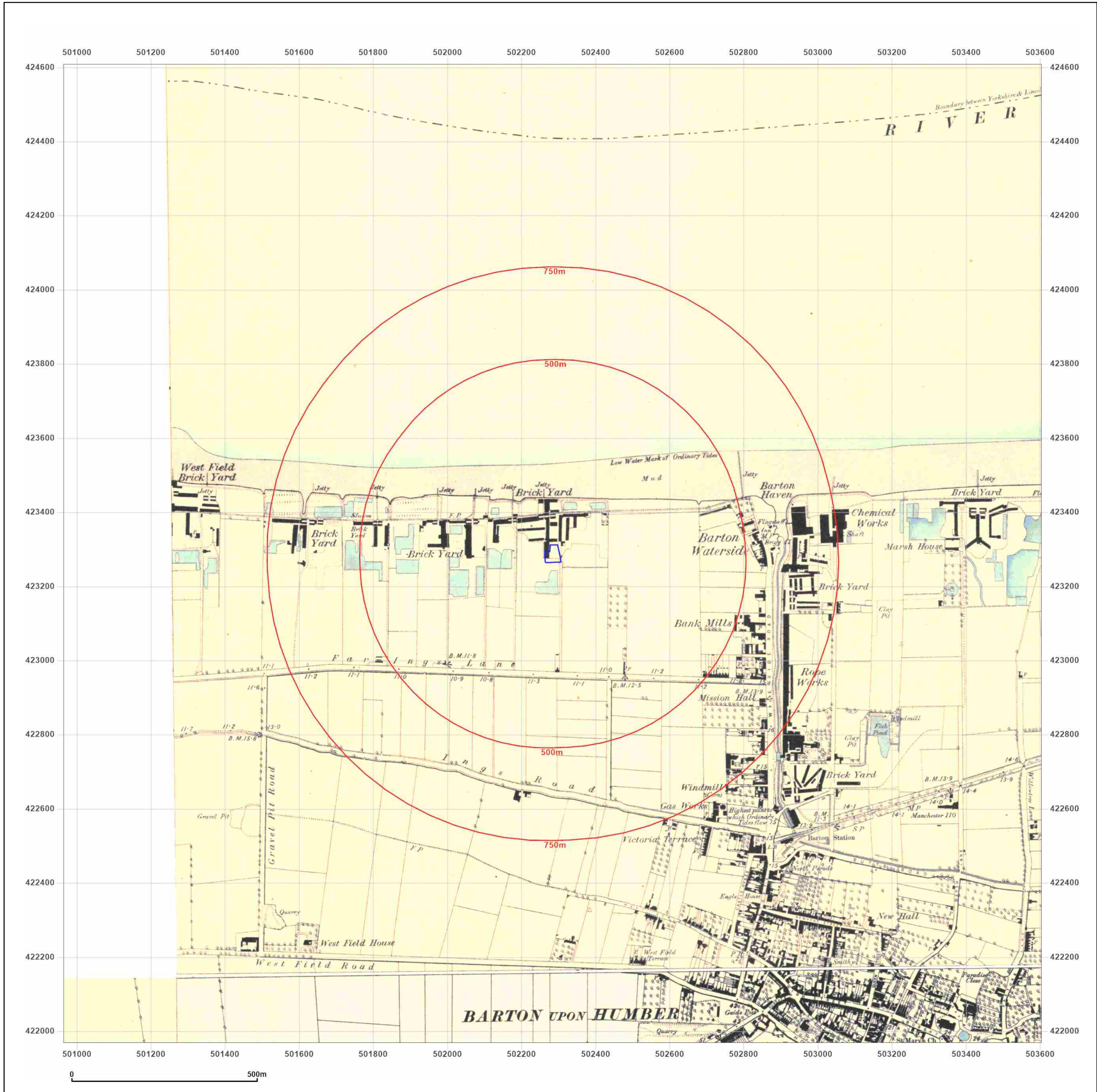


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5RF

Client Ref: G24098
Report Ref: GS-RS3-VDI-36K-5CH
Grid Ref: 502283, 423288

Map Name: County Series

Map date: 1886

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1886
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1886
Revised 1886
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1886
Revised 1886
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1886
Revised 1886
Edition N/A
Copyright N/A
Levelled N/A

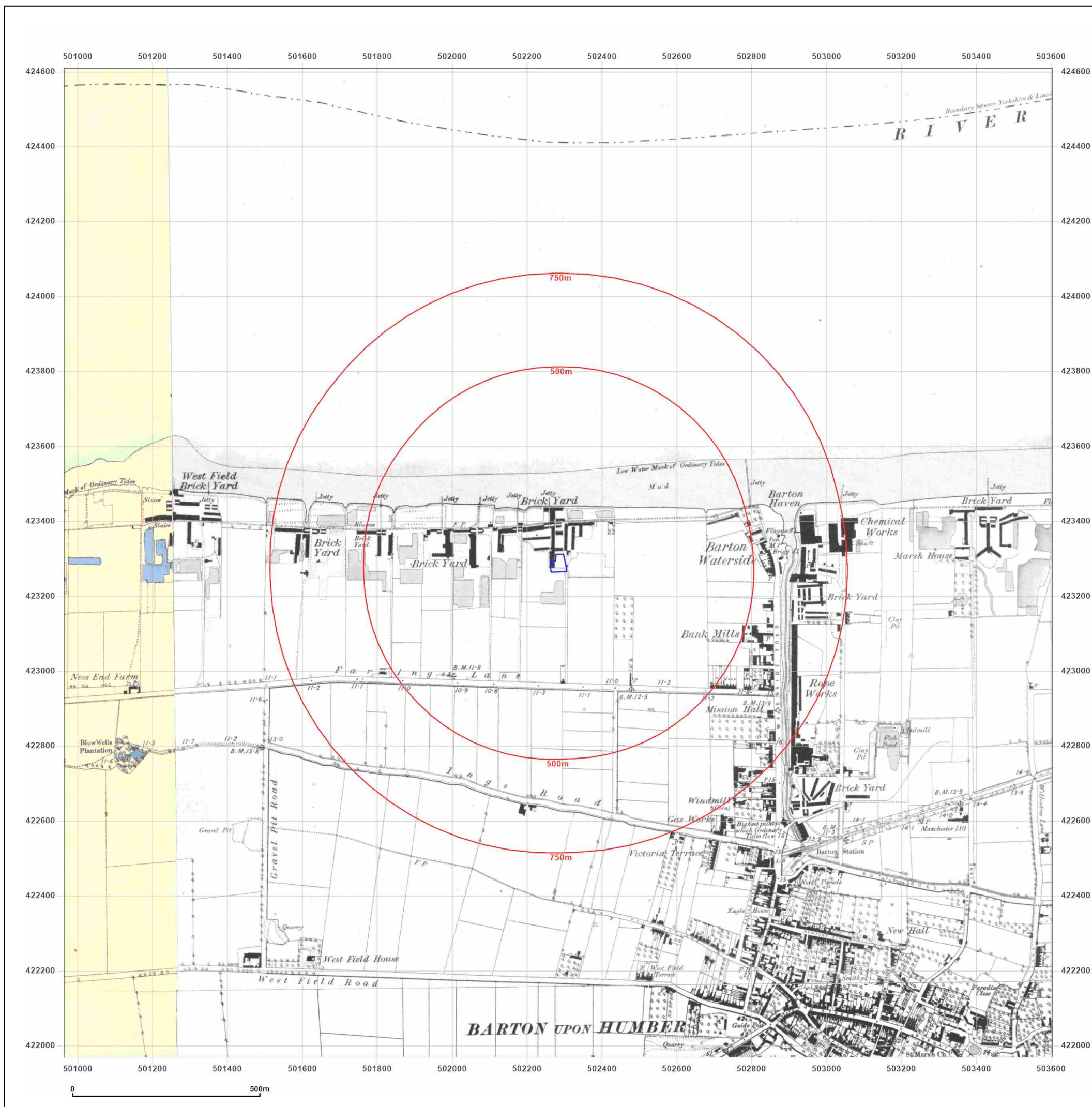


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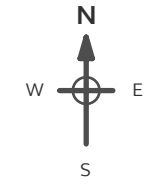
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Map Name: County Series

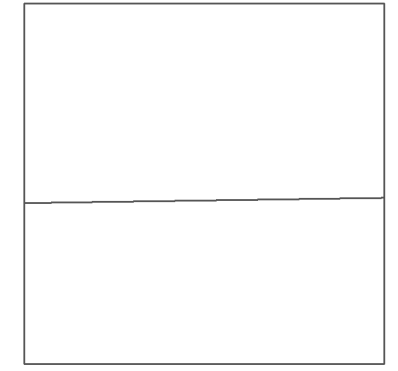
Map date: 1892

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1888
 Revised N/A
 Edition 1892
 Copyright N/A
 Levelled N/A

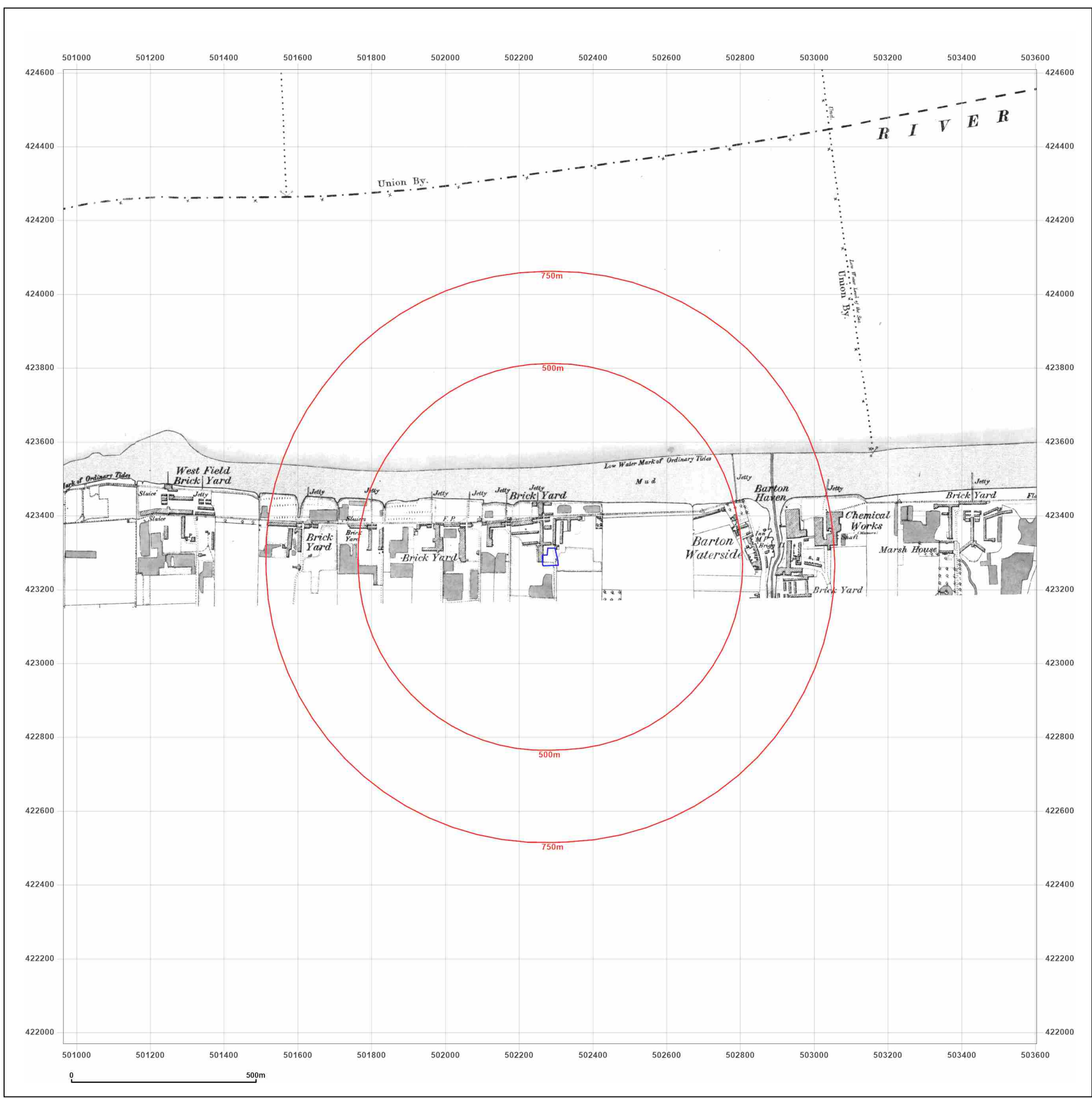


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Client Ref: G24098
Report Ref: GS-RS3-VDI-36K-5CH
Grid Ref: 502283, 423288

Map Name: County Series

Map date: 1906

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1886
Revised 1906
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1886
Revised 1906
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1885
Revised 1906
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1885
Revised 1906
Edition N/A
Copyright N/A
Levelled N/A

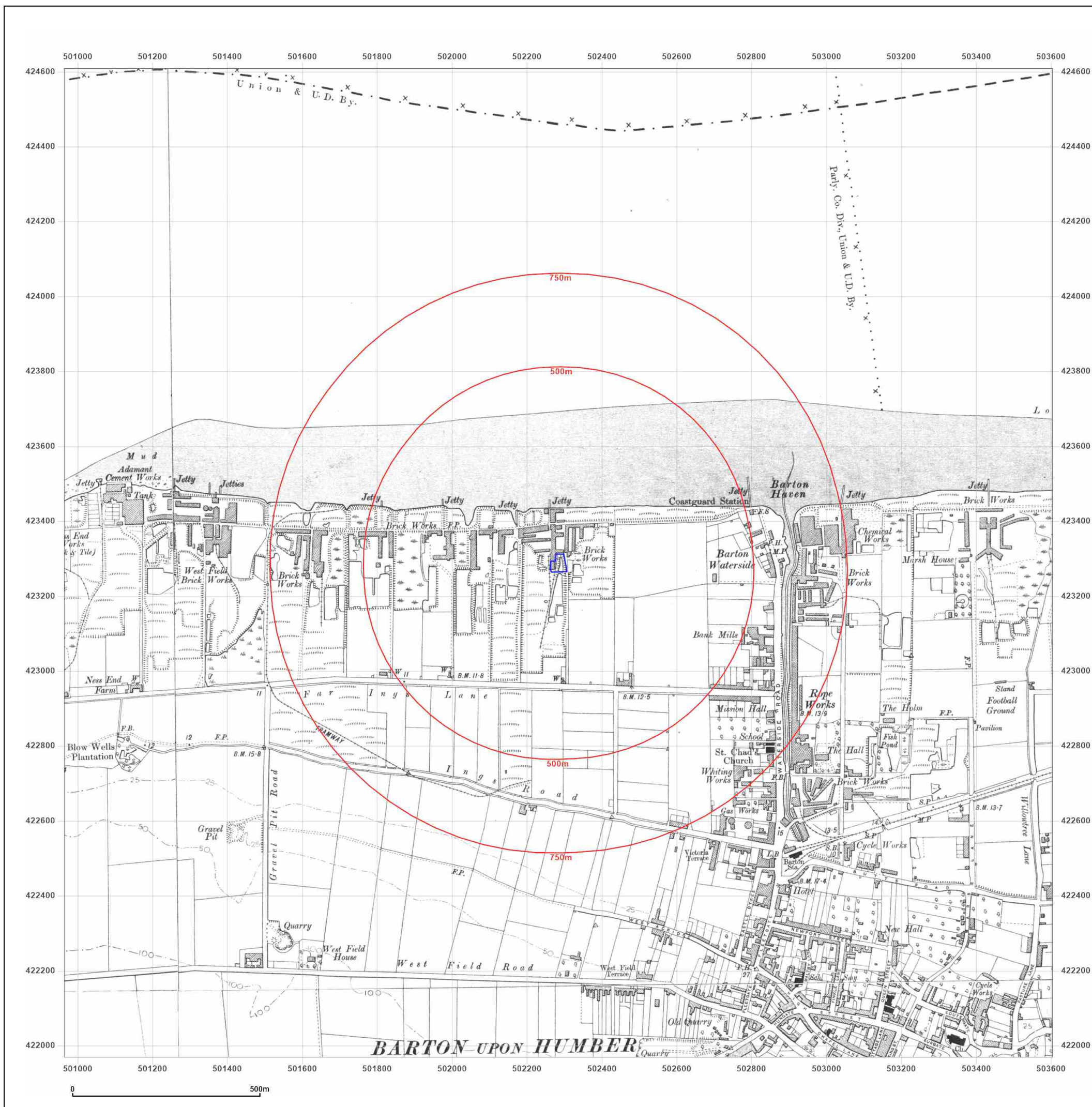


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5RF

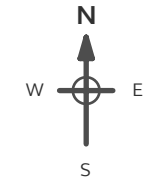
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Grid Ref: 502283, 423288

Map Name: County Series

Map date: 1906-1908

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1852
Revised 1908
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1885
Revised 1906
Edition N/A
Copyright N/A
Levelled N/A

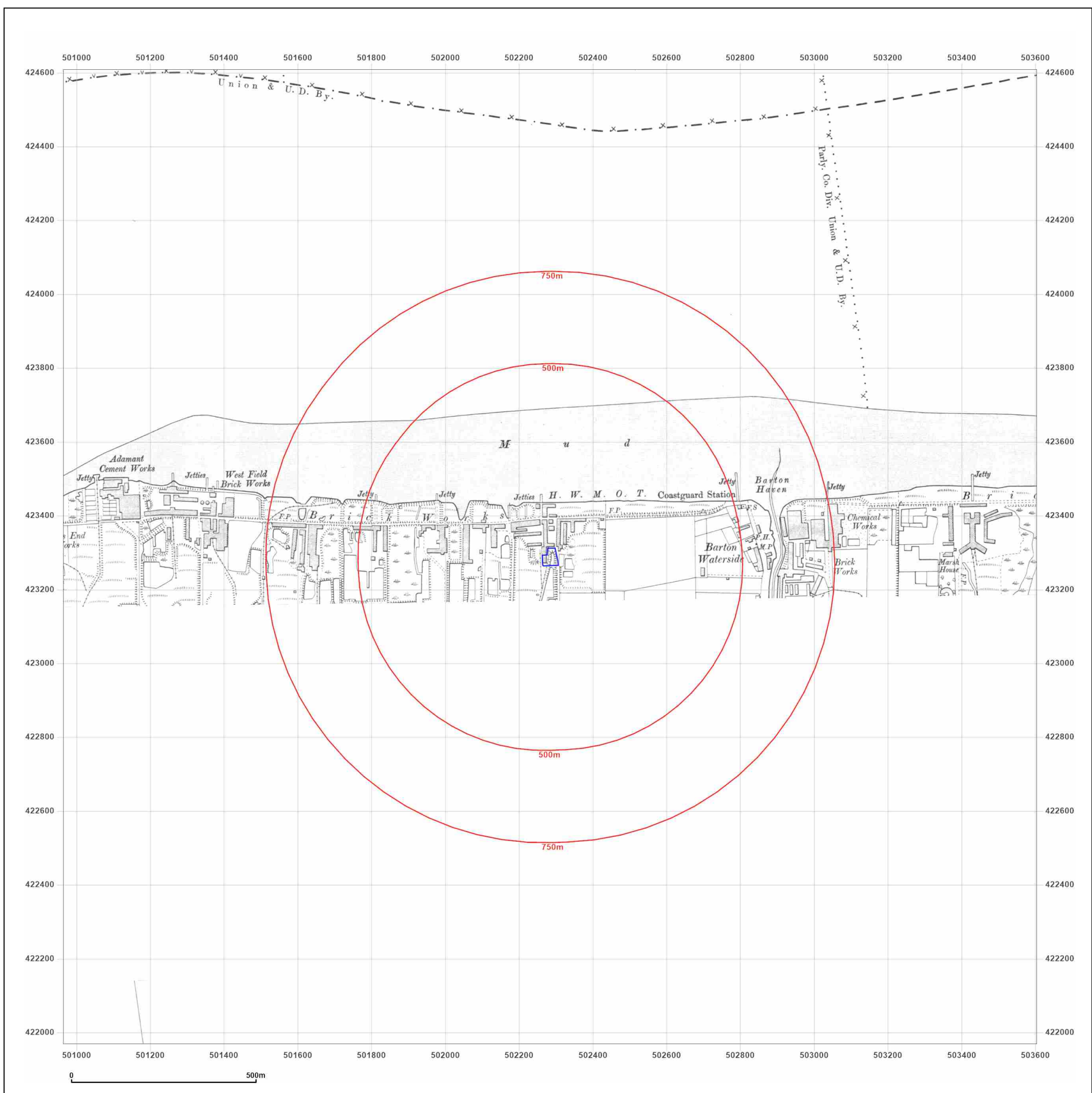


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5RF

Client Ref: G24098
Report Ref: GS-RS3-VDI-36K-5CH
Grid Ref: 502283, 423288

Map Name: County Series

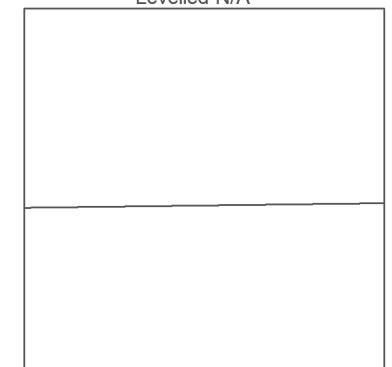
Map date: 1926

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1852
Revised 1926
Edition N/A
Copyright N/A
Levelled N/A

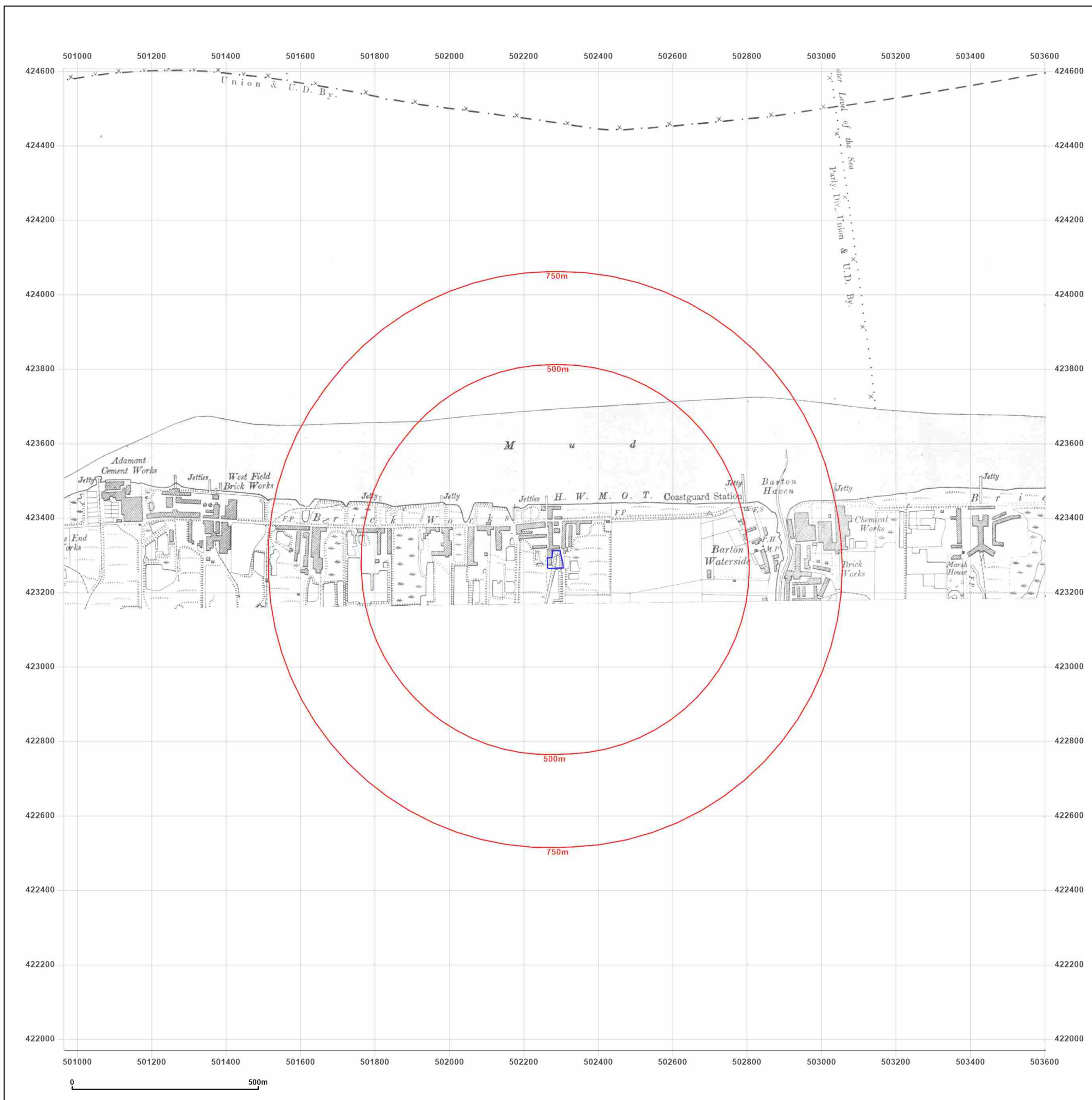


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NORTH LINCOLNSHIRE, DN18
5RF

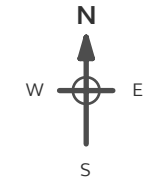
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Grid Ref: 502283, 423288

Map Name: County Series

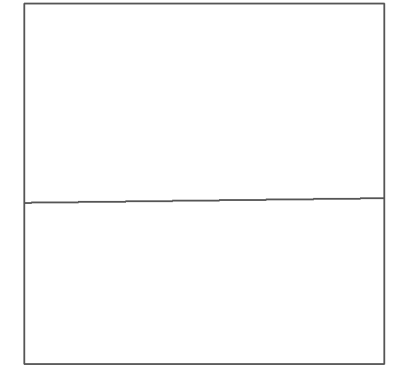
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Printed at: 1:10,560



Surveyed 1852
Revised 1926
Edition N/A
Copyright N/A
Levelled N/A

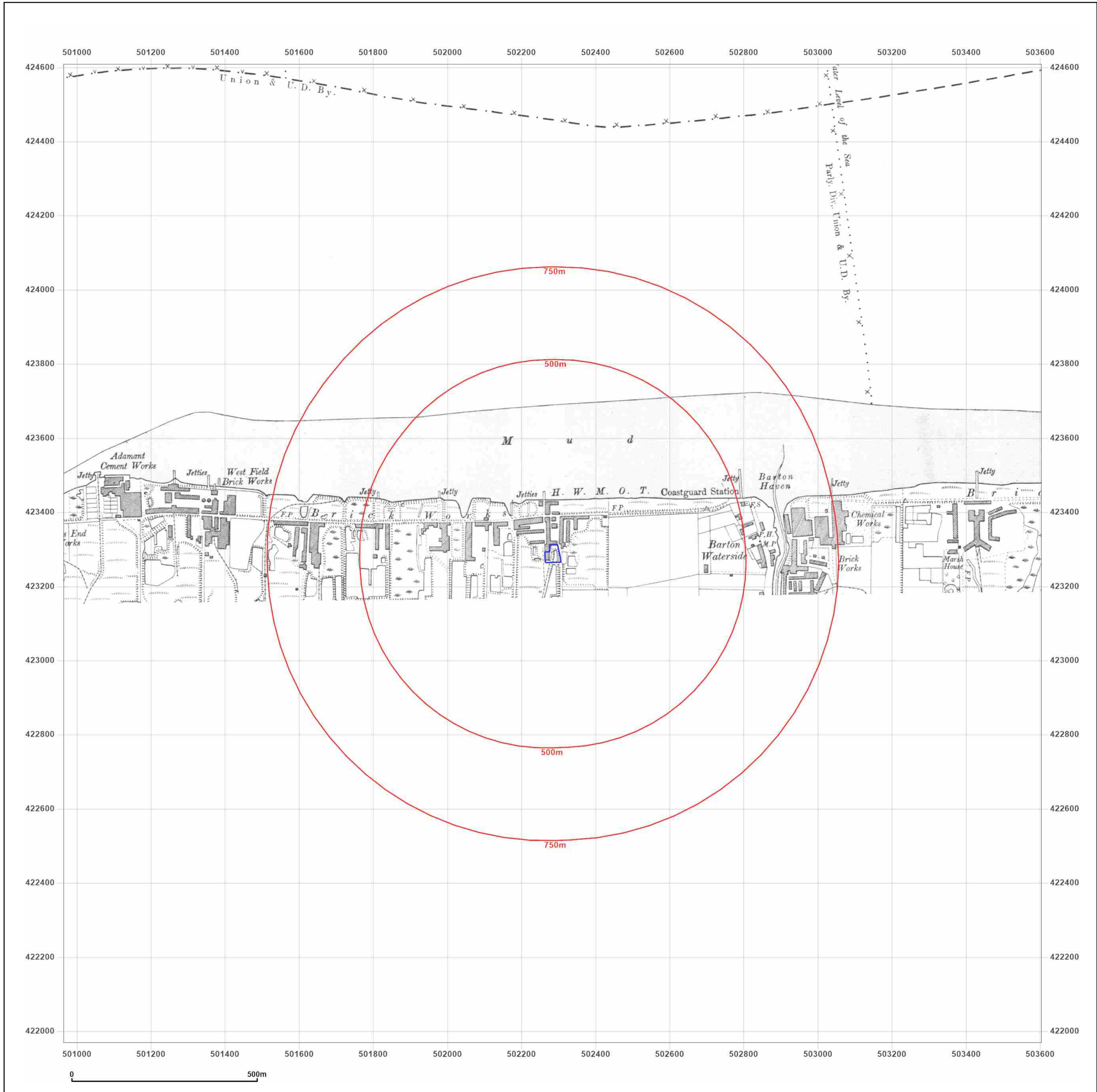


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Client Ref: G24098
Report Ref: GS-RS3-VDI-36K-5CH
Grid Ref: 502283, 423288

Map Name: County Series

Map date: 1930-1933

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1886
Revised 1930
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1885
Revised 1933
Edition N/A
Copyright N/A
Levelled N/A

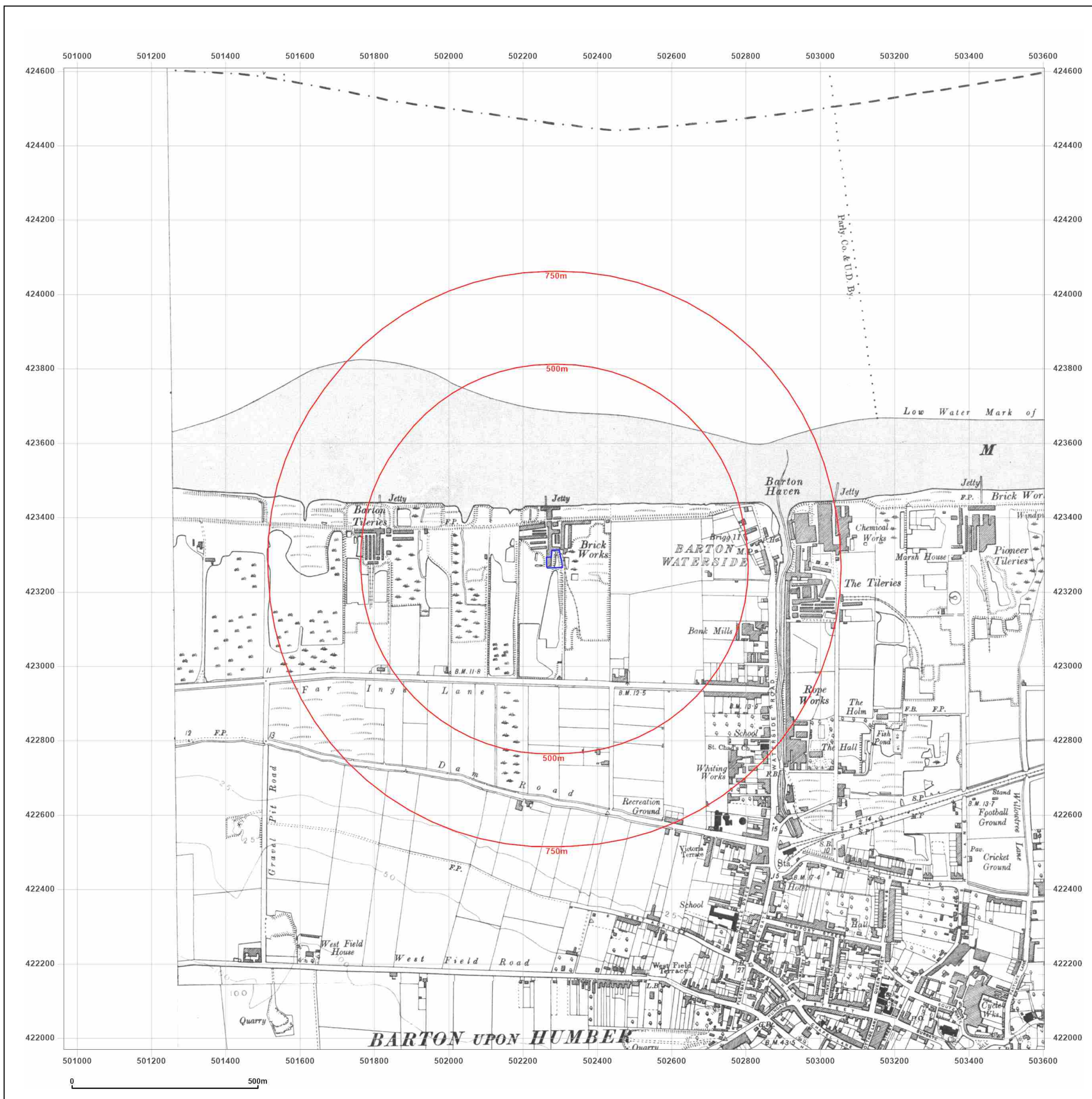


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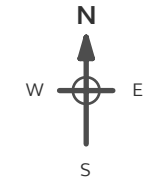
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Map Name: County Series

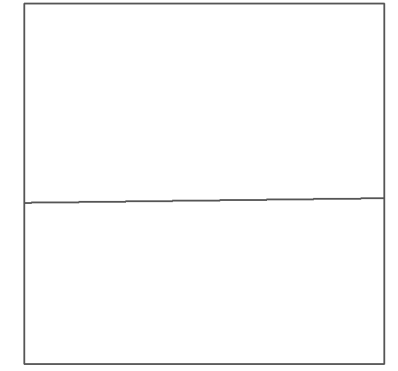
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Printed at: 1:10,560



Surveyed 1852
Revised 1926
Edition N/A
Copyright N/A
Levelled N/A

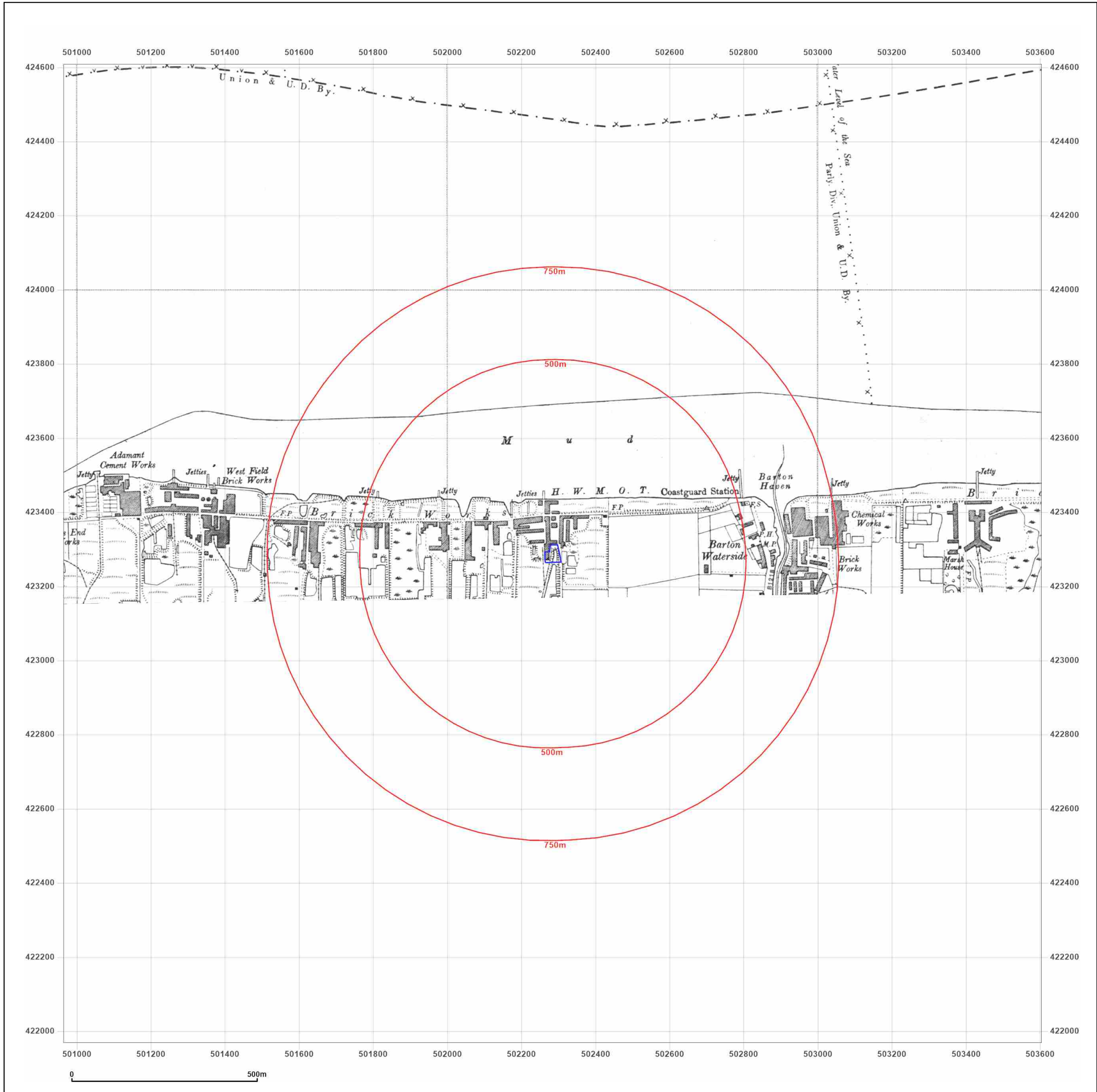


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NORTH LINCOLNSHIRE, DN18
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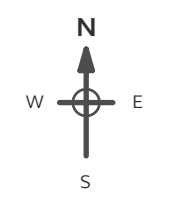
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Grid Ref: 502283, 423288

Map Name: County Series

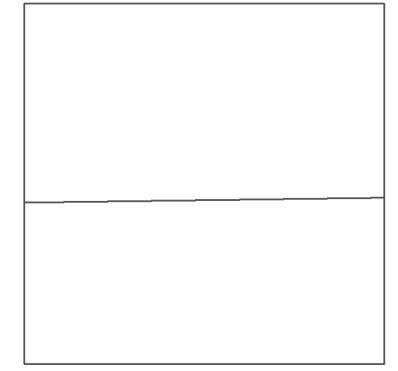
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Printed at: 1:10,560



Surveyed 1852
Revised 1938
Edition N/A
Copyright N/A
Levelled N/A

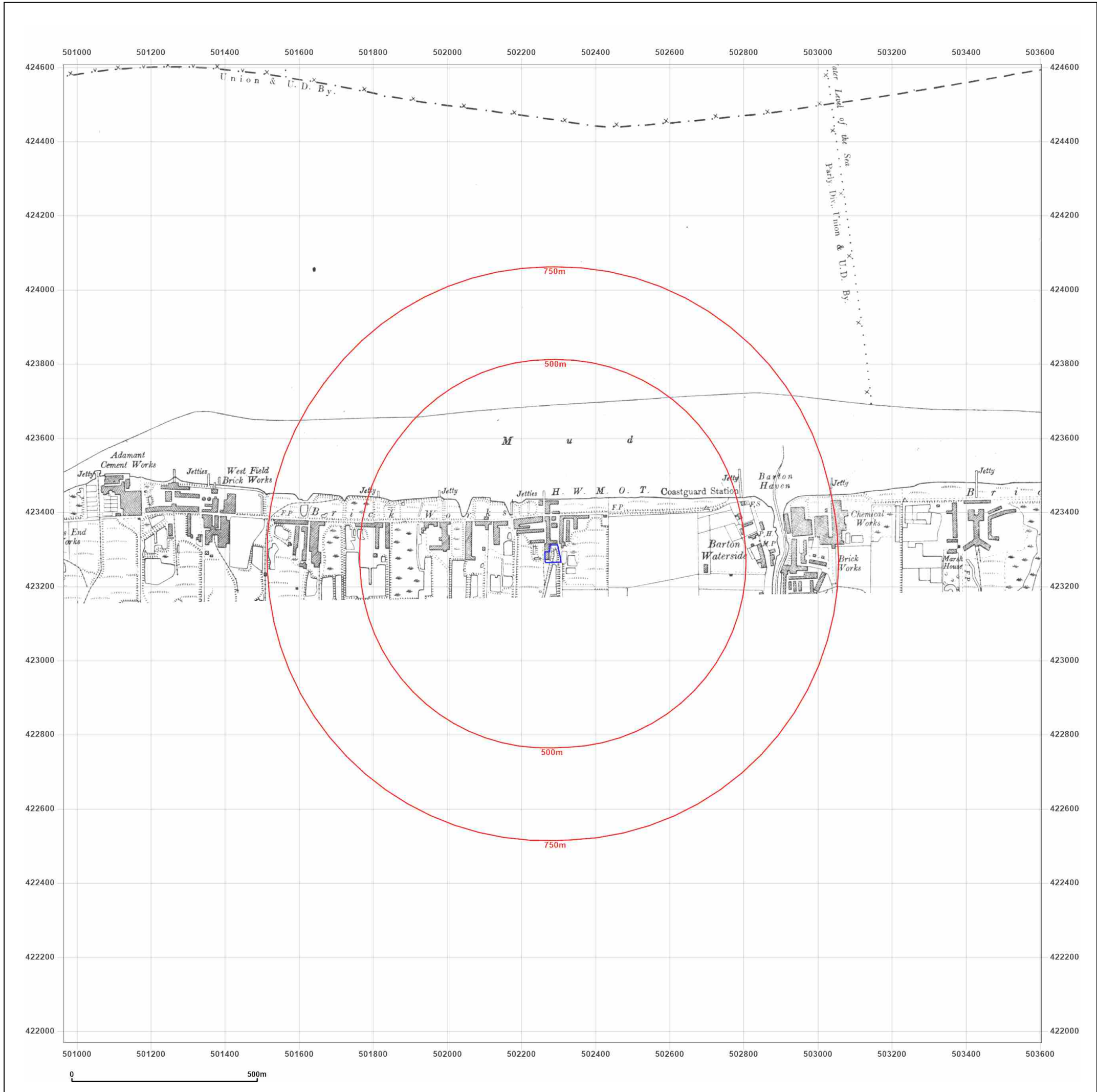


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5RF

Client Ref: G24098
Report Ref: GS-RS3-VDI-36K-5CH
Grid Ref: 502283, 423288

Map Name: County Series

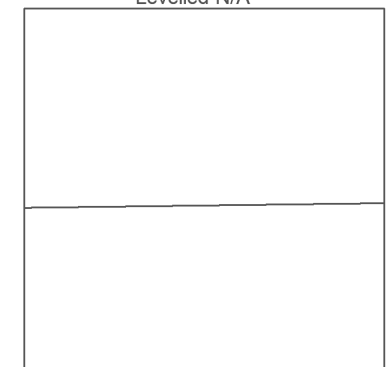
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Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1852
Revised 1948
Edition 1948
Copyright N/A
Levelled N/A

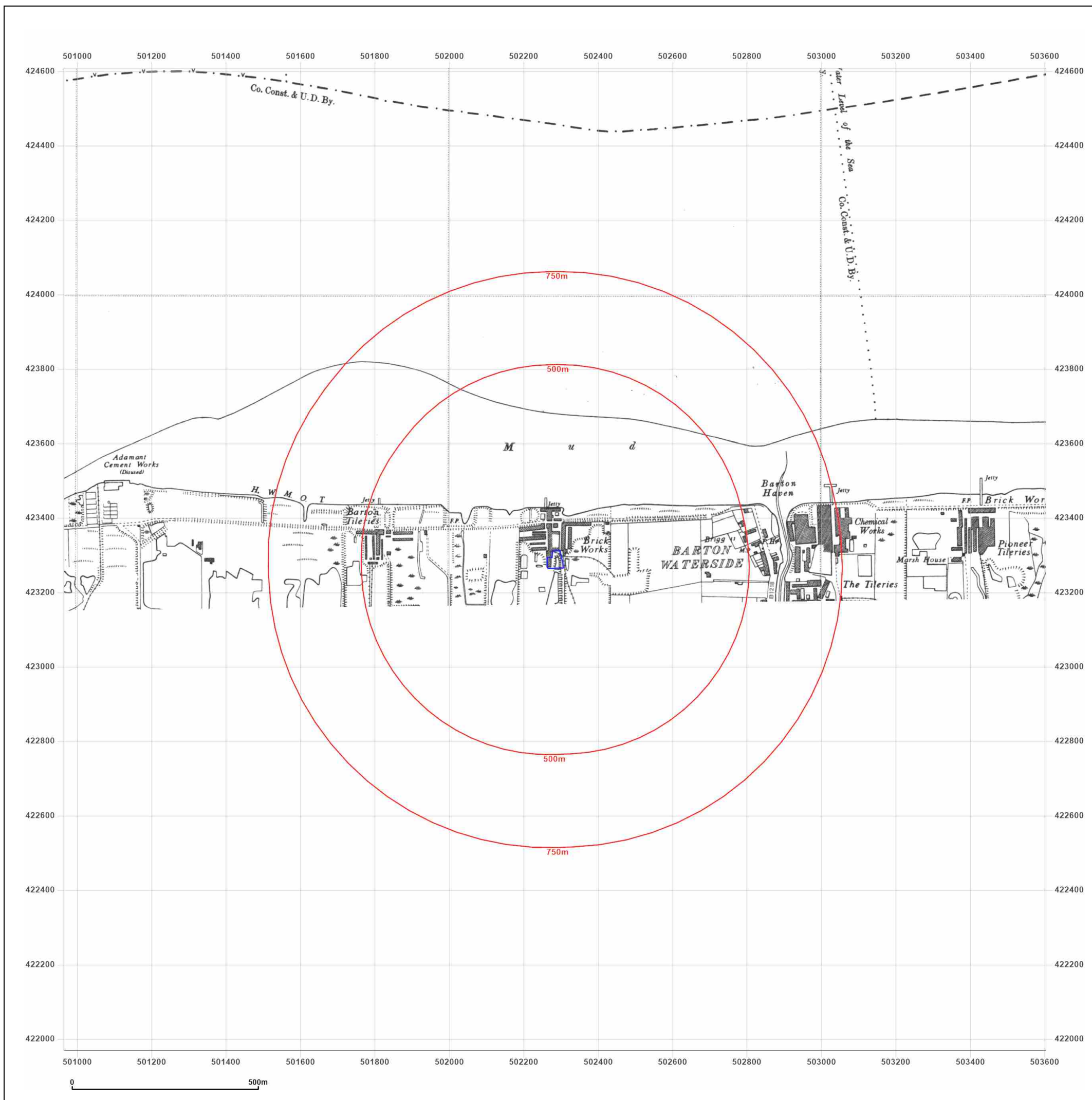


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GARDEN CENTRE, THE OLD
TILE YARD, ACCESS ROAD TO
WORKS OFF FAR INGS ROAD,
BARTON UPON HUMBER,
NORTH LINCOLNSHIRE, DN18
5RF

Client Ref: G24098
Report Ref: GS-RS3-VDI-36K-5CH
Grid Ref: 502283, 423288

Map Name: County Series

Map date: 1947-1950

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1886
Revised 1950
Edition 1950
Copyright N/A
Levelled N/A

Surveyed 1886
Revised 1948
Edition N/A
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Levelled N/A

Surveyed 1885
Revised 1947
Edition N/A
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Surveyed N/A
Revised 1947
Edition N/A
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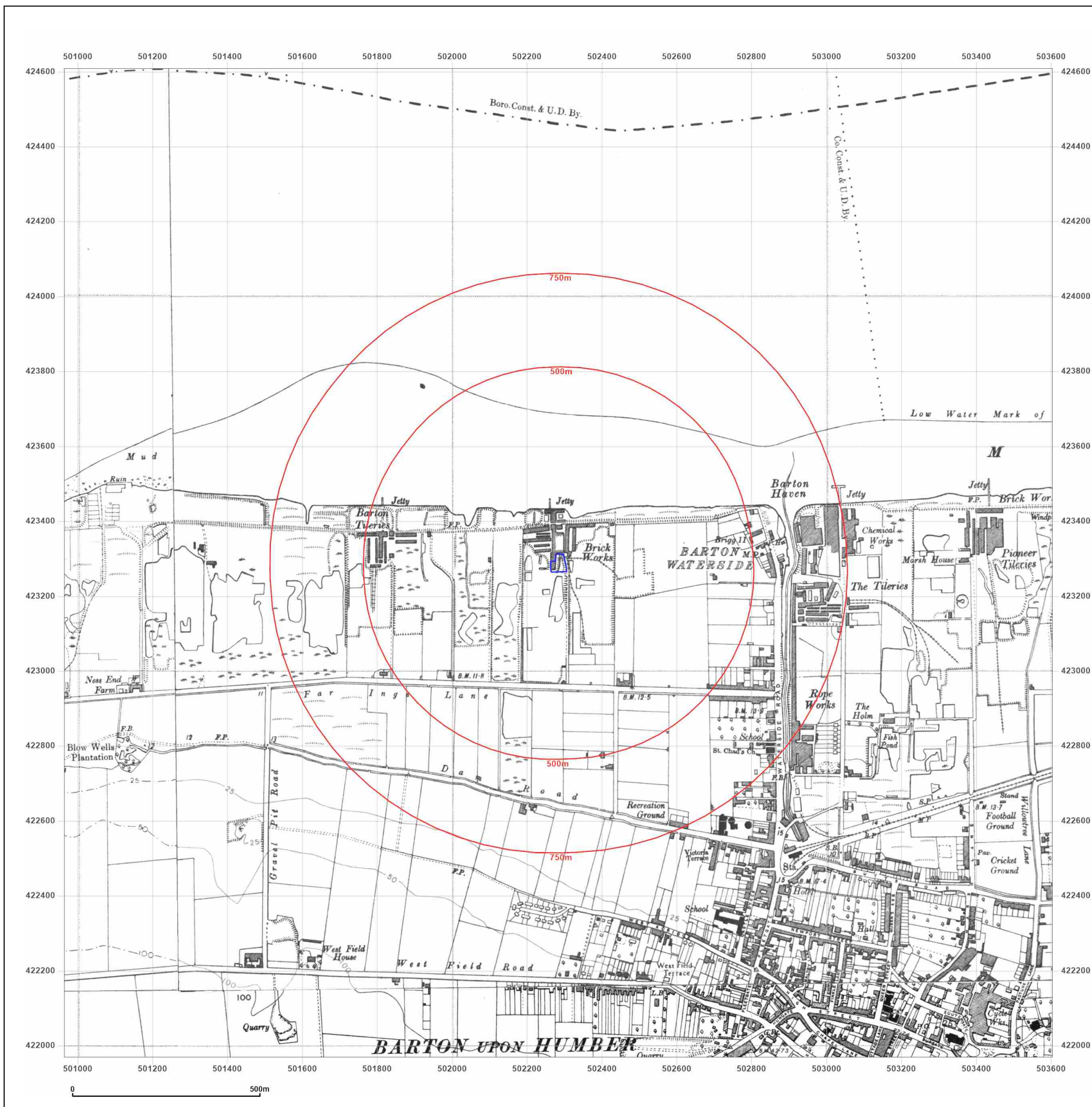


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0 500m

Site Details:

GARDEN CENTRE, THE OLD TILE YARD, ACCESS ROAD TO WORKS OFF FAR INGS ROAD, BARTON UPON HUMBER, NORTH LINCOLNSHIRE, DN18 5RF

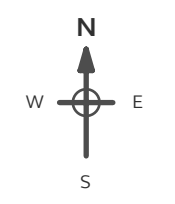
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Report Ref: GS-RS3-VDI-36K-5CH
Grid Ref: 502283, 423288

Map Name: Provisional

Map date: 1956

Scale: 1:10,560

Printed at: 1:10,560



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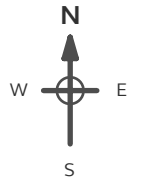


Site Details:

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Client Ref: G24098
Report Ref: GS-RS3-VDI-36K-5CH
Grid Ref: 502283, 423288

Map Name: National Grid
Map date: 1970
Scale: 1:10,000
Printed at: 1:10,000



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 Revised 1970
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Site Details:

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BARTON UPON HUMBER,
NORTH LINCOLNSHIRE, DN18
5RF

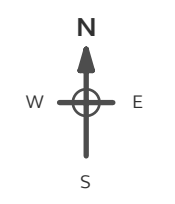
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Report Ref: GS-RS3-VDI-36K-5CH
Grid Ref: 502283, 423288

Map Name: National Grid

Map date: 1979

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1974
Revised 1979
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TILE YARD, ACCESS ROAD TO
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BARTON UPON HUMBER,
NORTH LINCOLNSHIRE, DN18
5RF

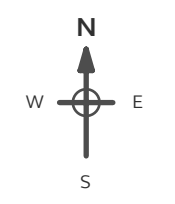
Client Ref: G24098
Report Ref: GS-RS3-VDI-36K-5CH
Grid Ref: 502283, 423288

Map Name: National Grid

Map date: 1993

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1974
Revised 1993
Edition N/A
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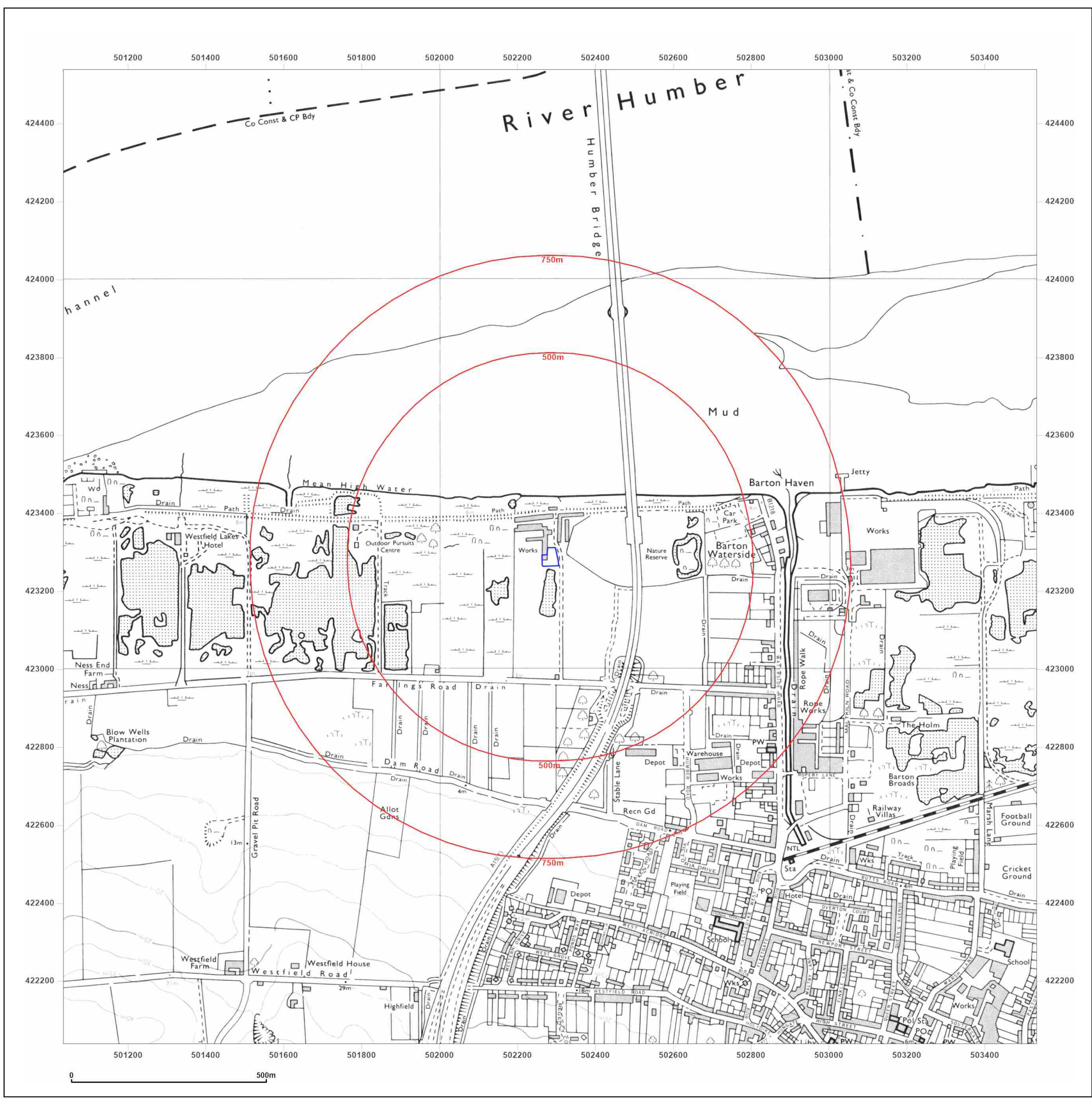


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Site Details:

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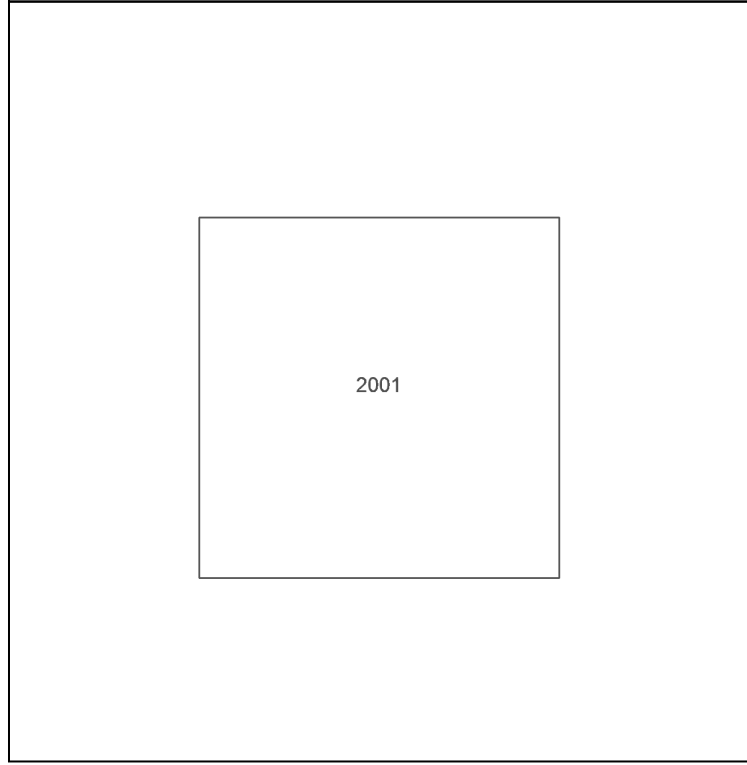
Client Ref: G24098
Report Ref: GS-RS3-VDI-36K-5CH
Grid Ref: 502283, 423288

Map Name: National Grid

Map date: 2001

Scale: 1:10,000

Printed at: 1:10,000

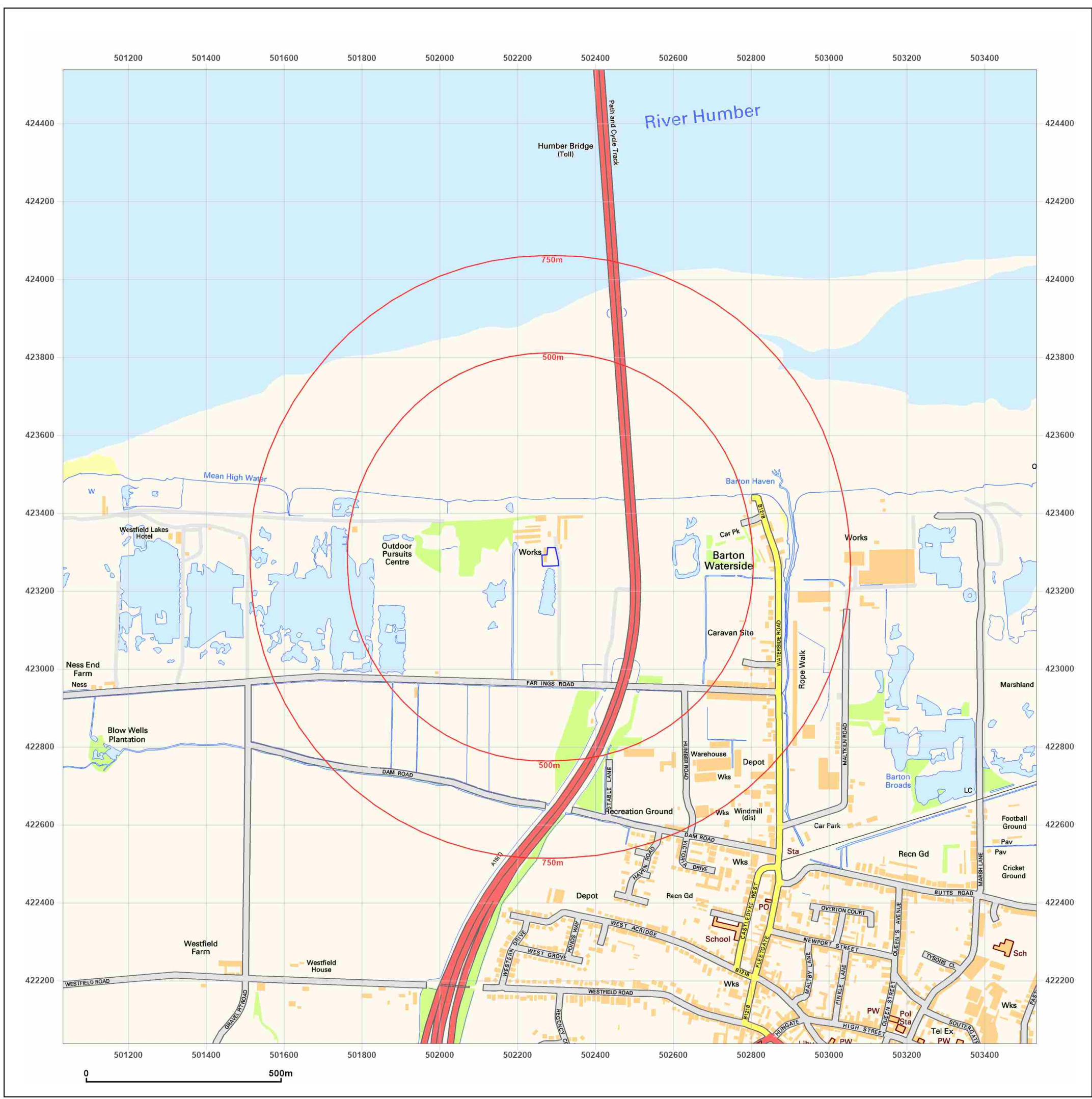


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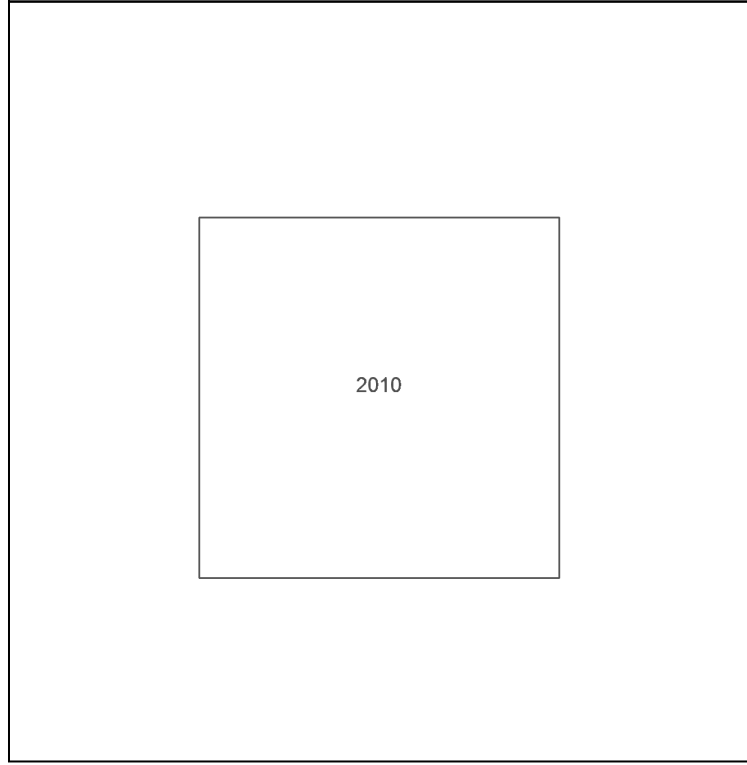
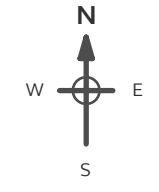
Client Ref: G24098
Report Ref: GS-RS3-VDI-36K-5CH
Grid Ref: 502283, 423288

Map Name: National Grid

Map date: 2010

Scale: 1:10,000

Printed at: 1:10,000

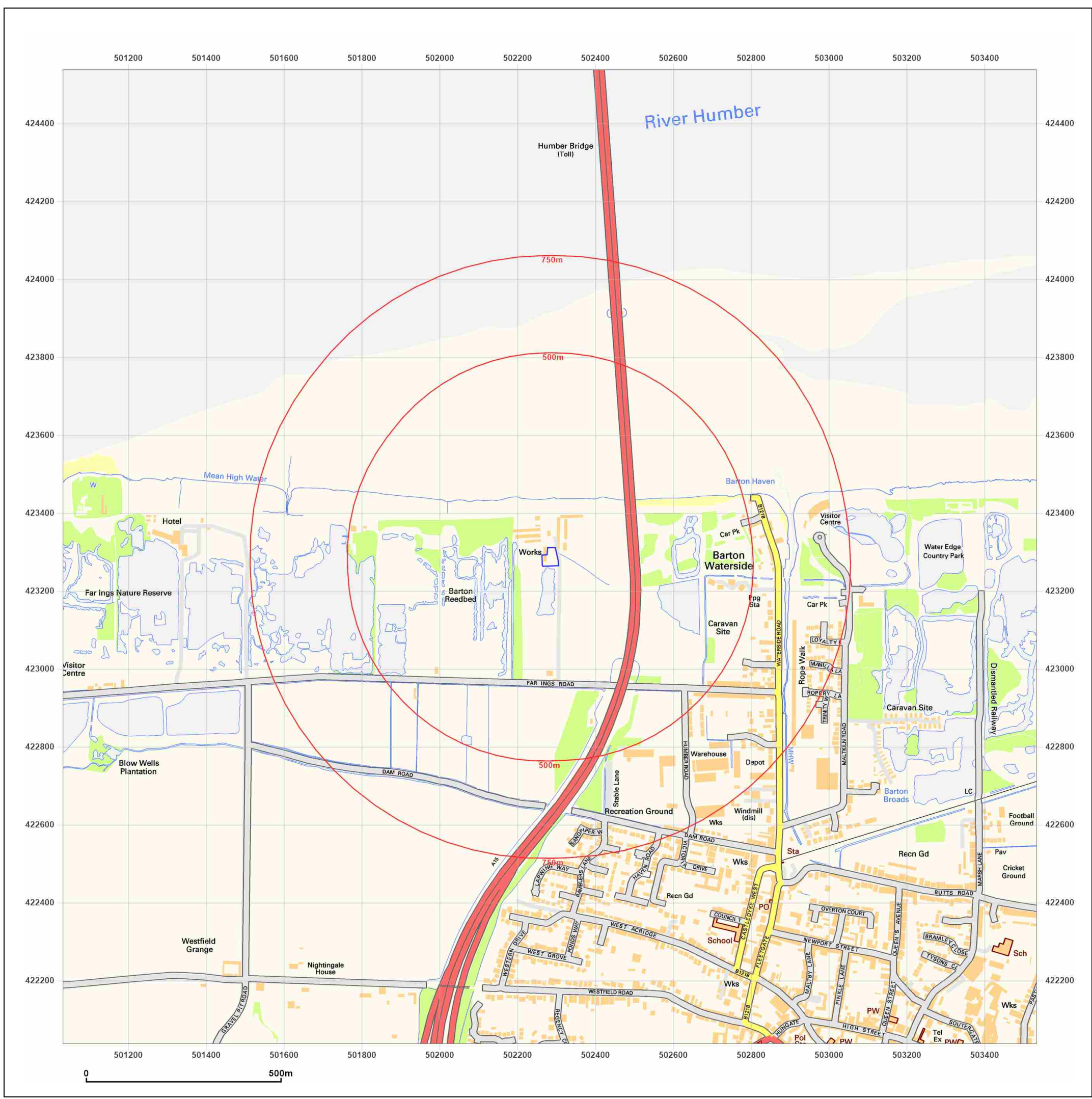


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Site Details:

GARDEN CENTRE, THE OLD TILE YARD, ACCESS ROAD TO WORKS OFF FAR INGS ROAD, BARTON UPON HUMBER, NORTH LINCOLNSHIRE, DN18 5RF

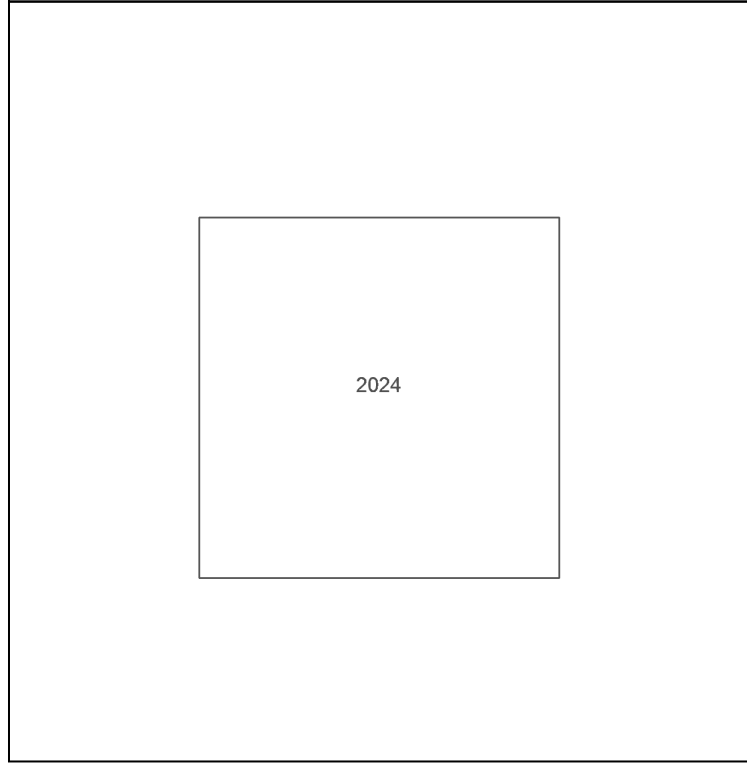
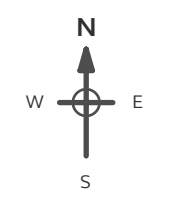
Client Ref: G24098
Report Ref: GS-RS3-VDI-36K-5CH
Grid Ref: 502283, 423288

Map Name: National Grid

Map date: 2024

Scale: 1:10,000

Printed at: 1:10,000

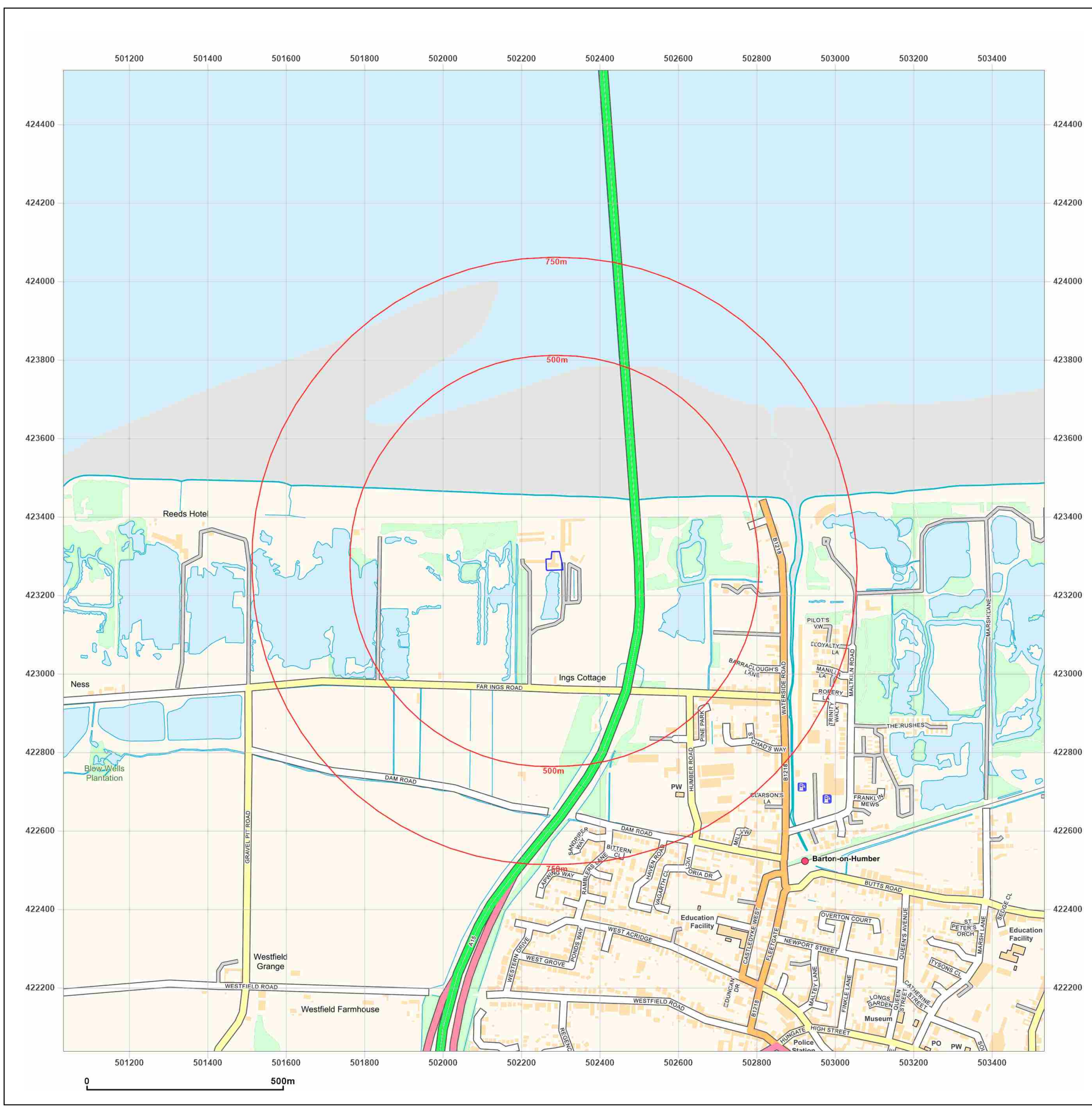


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APPENDIX 2
GROUNDSURE ENVIRO + GEO INSIGHT REPORT

GARDEN CENTRE, THE OLD TILE YARD, ACCESS ROAD TO WORKS OFF FAR INGS ROAD, BARTON UPON HUMBER, NORTH LINCOLNSHIRE, DN18 5RF

Order Details

Date: 26/03/2024
Your ref: G24098
Our Ref: GS-JBF-QJ3-A89-Z5P

Site Details

Location: 502284 423285
Area: 0.16 ha
Authority: [North Lincolnshire Council](#) ↗



[Summary of findings](#)

[p. 2 >](#)

[Aerial image](#)

[p. 9 >](#)

[OS MasterMap site plan](#)

[p.14 >](#)

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Contact us with any questions at:

info@groundsure.com ↗

01273 257 755

Summary of findings

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
15 >	1.1 >	Historical industrial land uses >	23	11	20	22	-
18	1.2	Historical tanks	0	0	0	0	-
19 >	1.3 >	Historical energy features >	0	0	0	2	-
19	1.4	Historical petrol stations	0	0	0	0	-
19	1.5	Historical garages	0	0	0	0	-
20	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped >	On site	0-50m	50-250m	250-500m	500-2000m
21 >	2.1 >	Historical industrial land uses >	25	16	31	26	-
25	2.2	Historical tanks	0	0	0	0	-
25 >	2.3 >	Historical energy features >	0	0	0	2	-
26	2.4	Historical petrol stations	0	0	0	0	-
26	2.5	Historical garages	0	0	0	0	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
27	3.1	Active or recent landfill	0	0	0	0	-
27	3.2	Historical landfill (BGS records)	0	0	0	0	-
28	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
28	3.4	Historical landfill (EA/NRW records)	0	0	0	0	-
28	3.5	Historical waste sites	0	0	0	0	-
28	3.6	Licensed waste sites	0	0	0	0	-
28 >	3.7 >	Waste exemptions >	0	0	0	1	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
30 >	4.1 >	Recent industrial land uses >	0	1	1	-	-
31	4.2	Current or recent petrol stations	0	0	0	0	-
31	4.3	Electricity cables	0	0	0	0	-
31	4.4	Gas pipelines	0	0	0	0	-
31	4.5	Sites determined as Contaminated Land	0	0	0	0	-



31	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
32	4.7	Regulated explosive sites	0	0	0	0	-
32	4.8	Hazardous substance storage/usage	0	0	0	0	-
32	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
32	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
32 >	4.11 >	<u>Licensed pollutant release (Part A(2)/B) ></u>	0	0	2	0	-
33	4.12	Radioactive Substance Authorisations	0	0	0	0	-
33 >	4.13 >	<u>Licensed Discharges to controlled waters ></u>	0	0	1	1	-
34	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
34	4.15	Pollutant release to public sewer	0	0	0	0	-
34	4.16	List 1 Dangerous Substances	0	0	0	0	-
34	4.17	List 2 Dangerous Substances	0	0	0	0	-
34 >	4.18 >	<u>Pollution Incidents (EA/NRW) ></u>	0	0	0	4	-
35	4.19	Pollution inventory substances	0	0	0	0	-
35	4.20	Pollution inventory waste transfers	0	0	0	0	-
36	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	<u>Hydrogeology ></u>	On site	0-50m	50-250m	250-500m	500-2000m
37 >	5.1 >	<u>Superficial aquifer ></u>	Identified (within 500m)				
38 >	5.2 >	<u>Bedrock aquifer ></u>	Identified (within 500m)				
39 >	5.3 >	<u>Groundwater vulnerability ></u>	Identified (within 50m)				
40	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
40 >	5.5 >	<u>Groundwater vulnerability- local information ></u>	Identified (within 0m)				
41	5.6	Groundwater abstractions	0	0	0	0	0
42 >	5.7 >	<u>Surface water abstractions ></u>	0	0	0	0	8
44	5.8	Potable abstractions	0	0	0	0	0
44 >	5.9 >	<u>Source Protection Zones ></u>	0	0	0	1	-
44	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	<u>Hydrology ></u>	On site	0-50m	50-250m	250-500m	500-2000m
45 >	6.1 >	<u>Water Network (OS MasterMap) ></u>	0	0	2	-	-

46 >	6.2 >	Surface water features >	0	2	3	-	-
46 >	6.3 >	WFD Surface water body catchments >	1	-	-	-	-
46 >	6.4 >	WFD Surface water bodies >	0	0	1	-	-
47 >	6.5 >	WFD Groundwater bodies >	1	-	-	-	-
Page	Section	River and coastal flooding >	On site	0-50m	50-250m	250-500m	500-2000m
48 >	7.1 >	Risk of flooding from rivers and the sea >	High (within 50m)				
49 >	7.2 >	Historical Flood Events >	1	0	0	-	-
49 >	7.3 >	Flood Defences >	0	0	3	-	-
50	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
50	7.5	Flood Storage Areas	0	0	0	-	-
51 >	7.6 >	Flood Zone 2 >	Identified (within 50m)				
52 >	7.7 >	Flood Zone 3 >	Identified (within 50m)				
Page	Section	Surface water flooding >					
53 >	8.1 >	Surface water flooding >	1 in 30 year, 0.1m - 0.3m (within 50m)				
Page	Section	Groundwater flooding >					
55 >	9.1 >	Groundwater flooding >	High (within 50m)				
Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
56 >	10.1 >	Sites of Special Scientific Interest (SSSI) >	0	0	1	0	2
57 >	10.2 >	Conserved wetland sites (Ramsar sites) >	0	0	1	0	2
62 >	10.3 >	Special Areas of Conservation (SAC) >	0	0	1	0	0
62 >	10.4 >	Special Protection Areas (SPA) >	0	0	1	0	3
64 >	10.5 >	National Nature Reserves (NNR) >	0	0	1	0	1
64 >	10.6 >	Local Nature Reserves (LNR) >	0	0	1	0	2
65	10.7	Designated Ancient Woodland	0	0	0	0	0
65	10.8	Biosphere Reserves	0	0	0	0	0
65	10.9	Forest Parks	0	0	0	0	0
65	10.10	Marine Conservation Zones	0	0	0	0	0
66	10.11	Green Belt	0	0	0	0	0
66	10.12	Proposed Ramsar sites	0	0	0	0	0



66	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
66	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
66	10.15	Nitrate Sensitive Areas	0	0	0	0	0
67 >	10.16 >	Nitrate Vulnerable Zones >	0	0	0	0	3
68 >	10.17 >	SSSI Impact Risk Zones >	1	-	-	-	-
69 >	10.18 >	SSSI Units >	0	0	5	1	25
Page	Section	Visual and cultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
119	11.1	World Heritage Sites	0	0	0	-	-
120	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
120	11.3	National Parks	0	0	0	-	-
120 >	11.4 >	Listed Buildings >	0	1	4	-	-
121	11.5	Conservation Areas	0	0	0	-	-
121	11.6	Scheduled Ancient Monuments	0	0	0	-	-
121	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
122 >	12.1 >	Agricultural Land Classification >	Grade 3 (within 250m)				
123	12.2	Open Access Land	0	0	0	-	-
123 >	12.3 >	Tree Felling Licences >	0	0	1	-	-
123 >	12.4 >	Environmental Stewardship Schemes >	0	0	3	-	-
124	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations >	On site	0-50m	50-250m	250-500m	500-2000m
125 >	13.1 >	Priority Habitat Inventory >	0	3	24	-	-
127 >	13.2 >	Habitat Networks >	1	2	5	-	-
127	13.3	Open Mosaic Habitat	0	0	0	-	-
128	13.4	Limestone Pavement Orders	0	0	0	-	-
Page	Section	Geology 1:10,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
129 >	14.1 >	10k Availability >	Identified (within 500m)				
130 >	14.2 >	Artificial and made ground (10k) >	0	0	0	1	-
131 >	14.3 >	Superficial geology (10k) >	1	0	1	0	-

132	14.4	Landslip (10k)	0	0	0	0	-
133 >	14.5 >	Bedrock geology (10k) >	1	0	0	2	-
134	14.6	Bedrock faults and other linear features (10k)	0	0	0	0	-
Page	Section	Geology 1:50,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
135 >	15.1 >	50k Availability >	Identified (within 500m)				
136 >	15.2 >	Artificial and made ground (50k) >	0	0	0	1	-
137	15.3	Artificial ground permeability (50k)	0	0	-	-	-
138 >	15.4 >	Superficial geology (50k) >	1	1	0	0	-
139 >	15.5 >	Superficial permeability (50k) >	Identified (within 50m)				
139	15.6	Landslip (50k)	0	0	0	0	-
139	15.7	Landslip permeability (50k)	None (within 50m)				
140 >	15.8 >	Bedrock geology (50k) >	1	0	0	3	-
141 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
141	15.10	Bedrock faults and other linear features (50k)	0	0	0	0	-
Page	Section	Boreholes >	On site	0-50m	50-250m	250-500m	500-2000m
142 >	16.1 >	BGS Boreholes >	0	0	11	-	-
Page	Section	Natural ground subsidence >					
144 >	17.1 >	Shrink swell clays >	Low (within 50m)				
145 >	17.2 >	Running sands >	Moderate (within 50m)				
146 >	17.3 >	Compressible deposits >	Moderate (within 50m)				
147 >	17.4 >	Collapsible deposits >	Negligible (within 50m)				
148 >	17.5 >	Landslides >	Very low (within 50m)				
149 >	17.6 >	Ground dissolution of soluble rocks >	Negligible (within 50m)				
Page	Section	Mining and ground workings >	On site	0-50m	50-250m	250-500m	500-2000m
151 >	18.1 >	BritPits >	0	0	7	6	-
154 >	18.2 >	Surface ground workings >	25	30	59	-	-
158 >	18.3 >	Underground workings >	0	0	0	0	1
159	18.4	Underground mining extents	0	0	0	0	-
159 >	18.5 >	Historical Mineral Planning Areas >	1	0	1	0	-



159	18.6	Non-coal mining	0	0	0	0	0
159	18.7	JPB mining areas	None (within 0m)				
160	18.8	The Coal Authority non-coal mining	0	0	0	0	-
160	18.9	Researched mining	0	0	0	0	-
160	18.10	Mining record office plans	0	0	0	0	-
160	18.11	BGS mine plans	0	0	0	0	-
161	18.12	Coal mining	None (within 0m)				
161	18.13	Brine areas	None (within 0m)				
161	18.14	Gypsum areas	None (within 0m)				
161	18.15	Tin mining	None (within 0m)				
161	18.16	Clay mining	None (within 0m)				
Page	Section	Ground cavities and sinkholes	On site	0-50m	50-250m	250-500m	500-2000m
162	19.1	Natural cavities	0	0	0	0	-
162	19.2	Mining cavities	0	0	0	0	0
162	19.3	Reported recent incidents	0	0	0	0	-
162	19.4	Historical incidents	0	0	0	0	-
163	19.5	National karst database	0	0	0	0	-
Page	Section	Radon >					
164 >	20.1 >	Radon >	Less than 1% (within 0m)				
Page	Section	Soil chemistry >	On site	0-50m	50-250m	250-500m	500-2000m
166 >	21.1 >	BGS Estimated Background Soil Chemistry >	1	1	-	-	-
166	21.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
166	21.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects >	On site	0-50m	50-250m	250-500m	500-2000m
167	22.1	Underground railways (London)	0	0	0	-	-
167	22.2	Underground railways (Non-London)	0	0	0	-	-
168	22.3	Railway tunnels	0	0	0	-	-
168 >	22.4 >	Historical railway and tunnel features >	10	0	0	-	-
168	22.5	Royal Mail tunnels	0	0	0	-	-



169	22.6	Historical railways	0	0	0	-	-
169	22.7	Railways	0	0	0	-	-
169	22.8	Crossrail 1	0	0	0	0	-
169	22.9	Crossrail 2	0	0	0	0	-
169	22.10	HS2	0	0	0	0	-

Recent aerial photograph



Capture Date: 11/04/2022

Site Area: 0.16ha



Recent site history - 2019 aerial photograph



Capture Date: 19/09/2019

Site Area: 0.16ha



Recent site history - 2014 aerial photograph



Capture Date: 27/09/2014

Site Area: 0.16ha



Recent site history - 2007 aerial photograph



Capture Date: 26/08/2007

Site Area: 0.16ha



Recent site history - 1999 aerial photograph

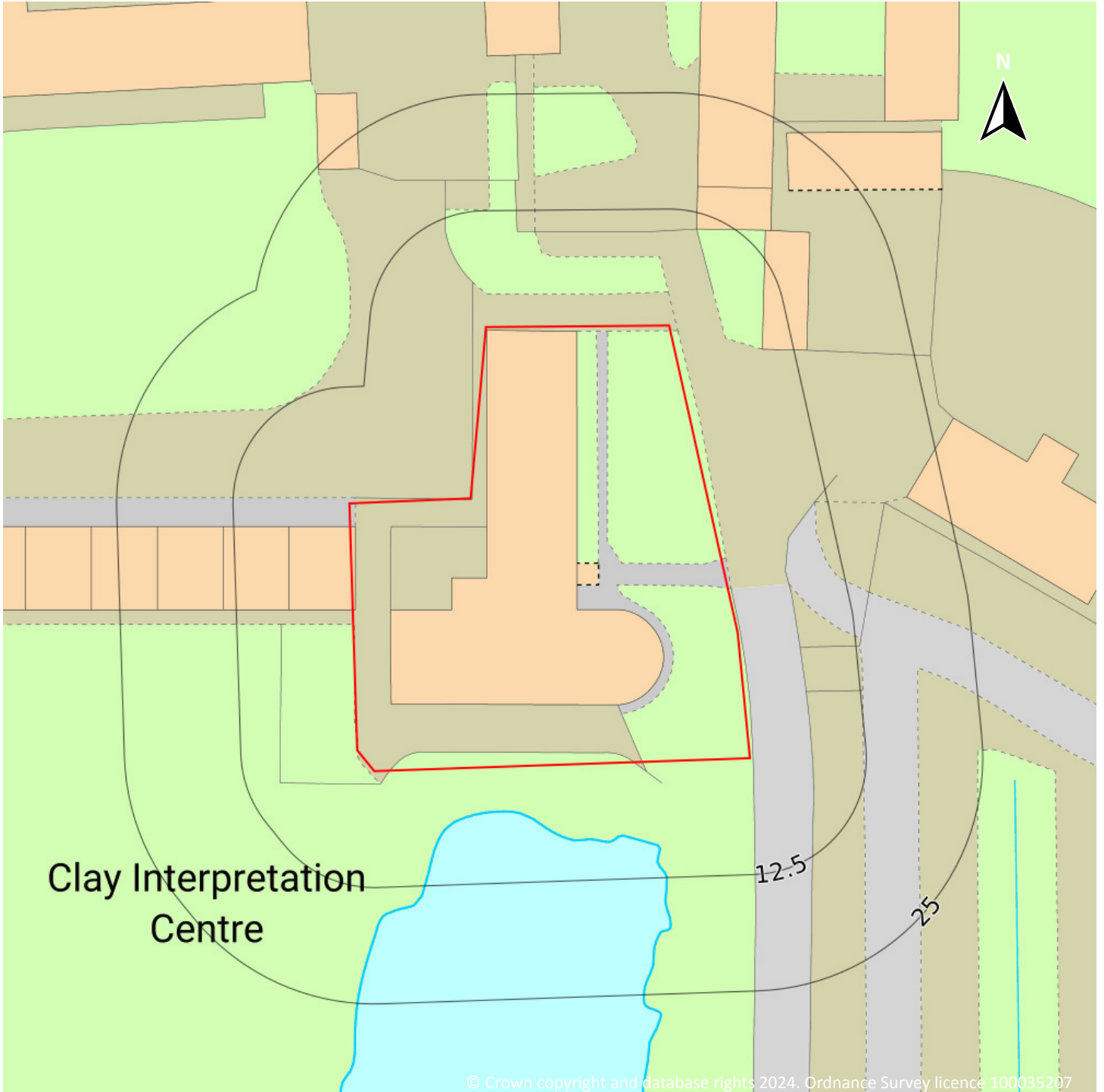


Capture Date: 28/04/1999

Site Area: 0.16ha

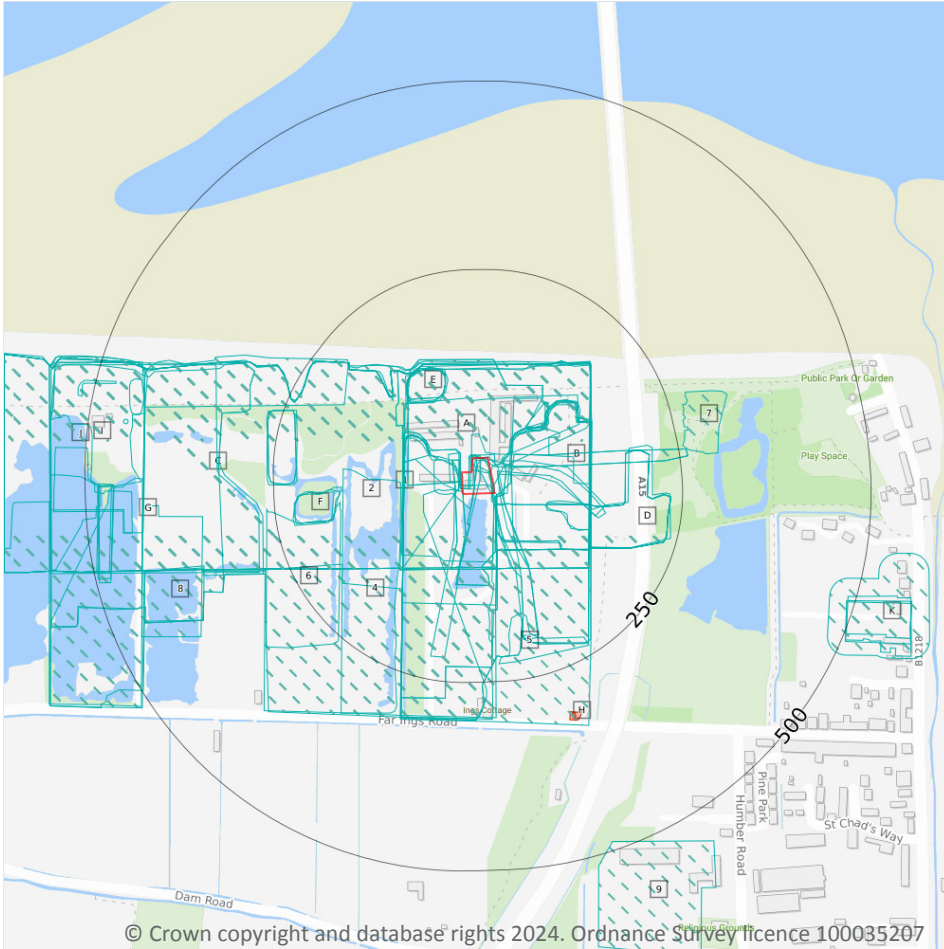


OS MasterMap site plan



Site Area: 0.16ha

1 Past land use



1.1 Historical industrial land uses

Records within 500m

76

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

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

ID	Location	Land use	Dates present	Group ID
1	On site	Brick Yard	1886	1996965

ID	Location	Land use	Dates present	Group ID
2	On site	Brick Yard	1886	1998988
A	On site	Unspecified Works	1993	1986845
A	On site	Brick Works	1970 - 1979	1999459
B	On site	Mineral Railway Sidings	1970	1987207
B	On site	Brick Works	1930	1990306
B	On site	Railway Sidings	1930	1990339
B	On site	Railway Sidings	1948	1990470
B	On site	Railway Sidings	1906	1991263
B	On site	Railway Sidings	1938 - 1948	1992219
B	On site	Brick Works	1948	1993393
B	On site	Brick Works	1956	1995095
B	On site	Unspecified Pit	1886	1995806
B	On site	Unspecified Pit	1906	1996010
B	On site	Railway Sidings	1908	1998742
B	On site	Brick Works	1906	2001292
B	On site	Unspecified Pits	1886 - 1956	2001546
C	On site	Brick Works	1908	1990028
C	On site	Brick Works	1908	1990029
C	On site	Brick Works	1938	1990077
C	On site	Brick Works	1948	1990078
C	On site	Brick Works	1938	1990079
C	On site	Brick Works	1948	1990080
B	1m SE	Unspecified Pit	1886	2001311
B	3m W	Unspecified Pit	1948	1993116
B	3m W	Unspecified Pit	1930 - 1938	2001407
B	4m SW	Unspecified Pit	1948	2001176
B	6m SE	Unspecified Pit	1908	1994264
B	6m SE	Unspecified Pit	1938	1995394



ID	Location	Land use	Dates present	Group ID
B	6m SE	Unspecified Pit	1906	1991101
B	17m NE	Unspecified Pit	1948	1991682
B	24m SE	Unspecified Pit	1948	1991672
B	34m NE	Unspecified Pit	1930	1996099
B	48m NW	Unspecified Pit	1908	2002264
B	65m NE	Unspecified Pit	1886	2001428
B	65m NE	Unspecified Ground Workings	1886	1985855
B	70m SE	Unspecified Heap	1930	1992875
D	71m E	Unspecified Ground Workings	1948	1996692
3	76m W	Brick Works	1906	1999317
4	81m W	Unspecified Pit	1906	1985233
E	88m NW	Unspecified Pit	1930	1999578
E	90m NW	Unspecified Pit	1948 - 1956	1997130
E	91m NW	Unspecified Pit	1906	1993439
E	92m NW	Unspecified Pit	1908	1996869
E	92m NW	Unspecified Pit	1938	1999670
D	131m E	Unspecified Pit	1948	1990746
F	160m W	Unspecified Heap	1948 - 1956	1994312
5	163m S	Unspecified Heap	1930	1990688
F	163m W	Unspecified Heap	1930	1999564
6	163m W	Unspecified Pit	1948 - 1956	2001725
F	170m W	Unspecified Heap	1948	1991311
C	219m W	Unspecified Pit	1906	1999349
C	220m W	Unspecified Pit	1908	1990911
C	220m W	Unspecified Pit	1938	1992514
7	256m E	Clay Pit	1970	1987248
G	267m W	Tileries	1948 - 1956	2001888
G	272m W	Tileries	1948	1997373



ID	Location	Land use	Dates present	Group ID
G	293m W	Unspecified Pits	1956	1992764
8	356m W	Unspecified Pit	1948	1985235
I	421m W	Brick Yard	1886	1998904
J	422m W	Brick Yard	1886	2001081
J	424m W	Unspecified Pit	1948	1996518
I	426m W	Tileries	1930	2001190
I	432m W	Unspecified Pit	1948	1999359
J	438m W	Unspecified Pit	1886	1993441
I	448m W	Chimney	1970 - 1979	1992443
J	461m W	Railway Sidings	1930	2001420
J	462m W	Railway Sidings	1948 - 1956	1998046
J	465m W	Railway Sidings	1948	1998215
K	465m E	Unspecified Mills	1886	2000360
I	474m W	Unspecified Ground Workings	1886	1985887
J	479m W	Unspecified Pit	1948	1997153
9	488m S	Unspecified Works	1979	1986842
K	489m E	Unspecified Mills	1906	1997939
K	489m E	Unspecified Mills	1886	1996602
K	489m E	Unspecified Mills	1930	2000585

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

0

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'.

This data is sourced from Ordnance Survey / Groundsure.



1.3 Historical energy features

Records within 500m

2

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
H	307m S	Electricity Transformer	1969	220514
H	309m S	Electricity Transformer	1974	219981

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

0

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'.

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m

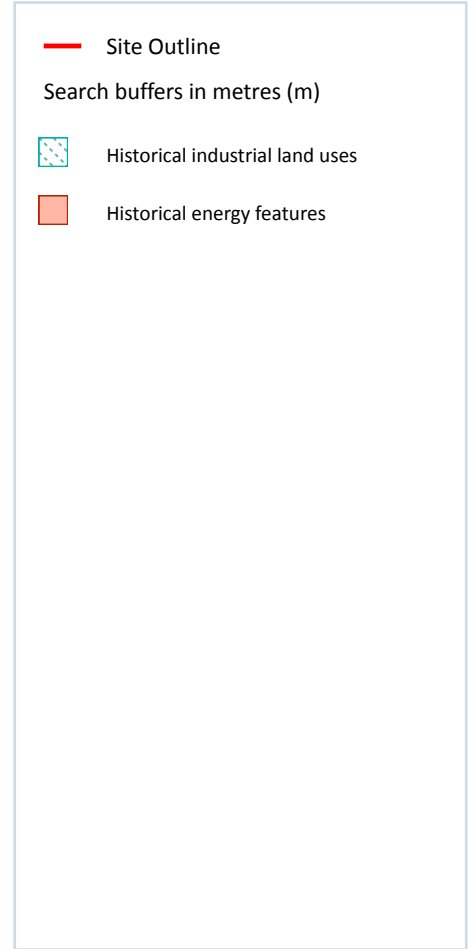
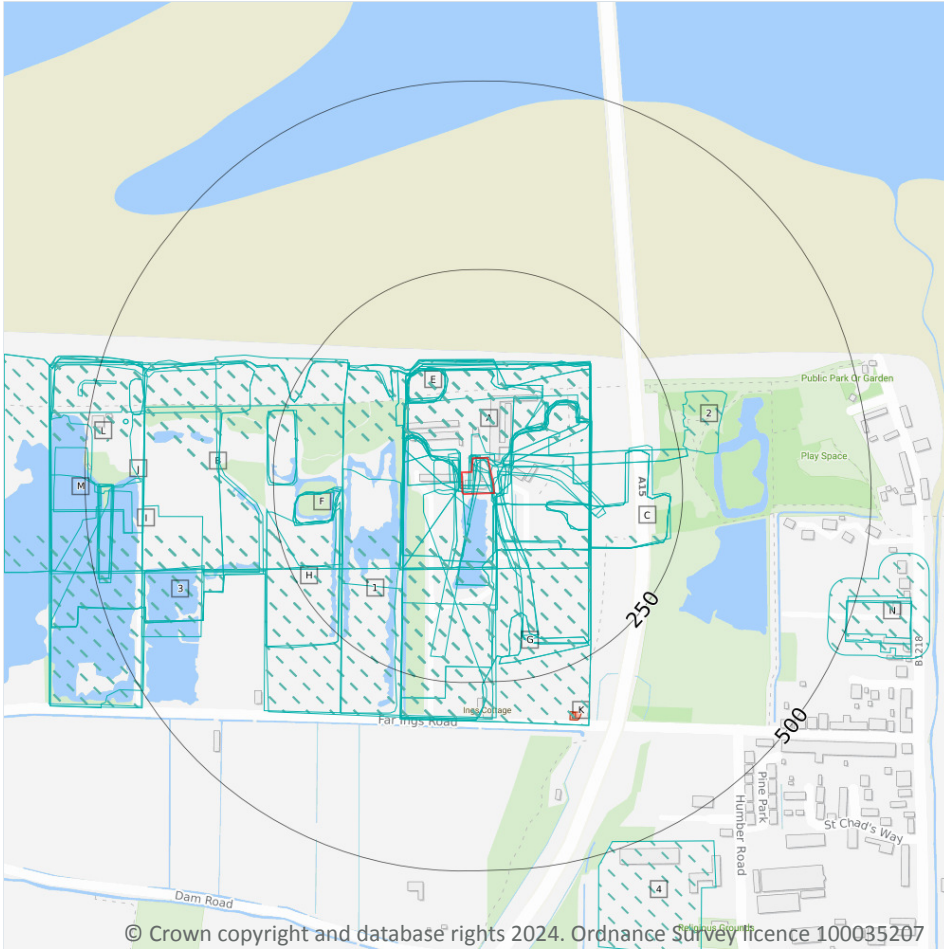
0

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

98

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 21](#) >

ID	Location	Land Use	Date	Group ID
A	On site	Brick Works	1970	1999459
A	On site	Brick Works	1979	1999459
A	On site	Unspecified Works	1993	1986845

ID	Location	Land Use	Date	Group ID
A	On site	Mineral Railway Sidings	1970	1987207
A	On site	Brick Yard	1886	1996965
A	On site	Unspecified Pit	1886	1995806
A	On site	Brick Works	1930	1990306
A	On site	Railway Sidings	1930	1990339
A	On site	Railway Sidings	1938	1992219
A	On site	Railway Sidings	1908	1998742
A	On site	Brick Works	1956	1995095
A	On site	Unspecified Pits	1956	2001546
A	On site	Brick Works	1948	1993393
A	On site	Railway Sidings	1948	1990470
A	On site	Unspecified Pit	1906	1996010
A	On site	Brick Works	1906	2001292
A	On site	Railway Sidings	1906	1991263
A	On site	Unspecified Pits	1886	2001546
A	On site	Brick Yard	1886	1998988
A	On site	Brick Works	1948	1990080
A	On site	Railway Sidings	1948	1992219
A	On site	Brick Works	1930	1990306
A	On site	Brick Works	1948	1990078
B	On site	Brick Works	1938	1990077
B	On site	Brick Works	1908	1990028
A	1m SE	Unspecified Pit	1886	2001311
A	3m W	Unspecified Pit	1948	1993116
A	3m W	Unspecified Pit	1930	2001407
A	3m W	Unspecified Pit	1930	2001407
A	4m SW	Unspecified Pit	1948	2001176
A	4m SW	Unspecified Pit	1948	2001176



ID	Location	Land Use	Date	Group ID
A	6m SE	Unspecified Pit	1938	1995394
A	6m SE	Unspecified Pit	1908	1994264
A	6m SE	Unspecified Pit	1906	1991101
A	17m NE	Unspecified Pit	1948	1991682
A	17m NE	Unspecified Pit	1948	1991682
A	24m SE	Unspecified Pit	1948	1991672
A	34m NE	Unspecified Pit	1930	1996099
A	34m NE	Unspecified Pit	1930	1996099
A	48m NW	Unspecified Pit	1938	2001407
A	48m NW	Unspecified Pit	1908	2002264
A	65m NE	Unspecified Pit	1886	2001428
A	65m NE	Unspecified Ground Workings	1886	1985855
A	70m SE	Unspecified Heap	1930	1992875
A	70m SE	Unspecified Heap	1930	1992875
C	71m E	Unspecified Ground Workings	1948	1996692
C	71m E	Unspecified Ground Workings	1948	1996692
D	76m W	Brick Works	1906	1999317
1	81m W	Unspecified Pit	1906	1985233
E	88m NW	Unspecified Pit	1930	1999578
E	88m NW	Unspecified Pit	1930	1999578
E	90m NW	Unspecified Pit	1956	1997130
E	91m NW	Unspecified Pit	1948	1997130
E	91m NW	Unspecified Pit	1906	1993439
E	92m NW	Unspecified Pit	1938	1999670
E	92m NW	Unspecified Pit	1908	1996869
C	131m E	Unspecified Pit	1948	1990746
D	158m W	Brick Yard	1886	1996965
D	158m W	Brick Yard	1886	1998988



ID	Location	Land Use	Date	Group ID
F	160m W	Unspecified Heap	1948	1994312
F	161m W	Unspecified Heap	1956	1994312
F	163m W	Unspecified Heap	1930	1999564
F	163m W	Unspecified Heap	1930	1999564
G	163m S	Unspecified Heap	1930	1990688
G	163m S	Unspecified Heap	1930	1990688
H	163m W	Unspecified Pit	1948	2001725
H	163m W	Unspecified Pit	1956	2001725
F	170m W	Unspecified Heap	1948	1991311
F	170m W	Unspecified Heap	1948	1991311
B	219m W	Unspecified Pit	1906	1999349
B	220m W	Unspecified Pit	1938	1992514
B	220m W	Unspecified Pit	1908	1990911
2	256m E	Clay Pit	1970	1987248
I	267m W	Tileries	1948	2001888
J	272m W	Tileries	1948	1997373
J	293m W	Tileries	1956	2001888
J	293m W	Unspecified Pits	1956	1992764
3	356m W	Unspecified Pit	1948	1985235
L	421m W	Brick Yard	1886	1998904
I	422m W	Brick Yard	1886	2001081
I	424m W	Unspecified Pit	1948	1996518
L	426m W	Tileries	1930	2001190
L	432m W	Unspecified Pit	1948	1999359
L	432m W	Unspecified Pit	1948	1999359
M	438m W	Unspecified Pit	1886	1993441
L	448m W	Chimney	1970	1992443
L	448m W	Chimney	1979	1992443



ID	Location	Land Use	Date	Group ID
I	461m W	Railway Sidings	1930	2001420
I	462m W	Railway Sidings	1948	1998046
I	463m W	Railway Sidings	1956	1998046
I	465m W	Railway Sidings	1948	1998215
N	465m E	Unspecified Mills	1886	2000360
L	474m W	Unspecified Ground Workings	1886	1985887
M	479m W	Unspecified Pit	1948	1997153
4	488m S	Unspecified Works	1979	1986842
N	489m E	Unspecified Mills	1906	1997939
N	489m E	Unspecified Mills	1886	1996602
N	489m E	Unspecified Mills	1930	2000585

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m	0
----------------------------	----------

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'.

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m	2
----------------------------	----------

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 21](#) >

ID	Location	Land Use	Date	Group ID
K	307m S	Electricity Transformer	1969	220514
K	309m S	Electricity Transformer	1974	219981

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

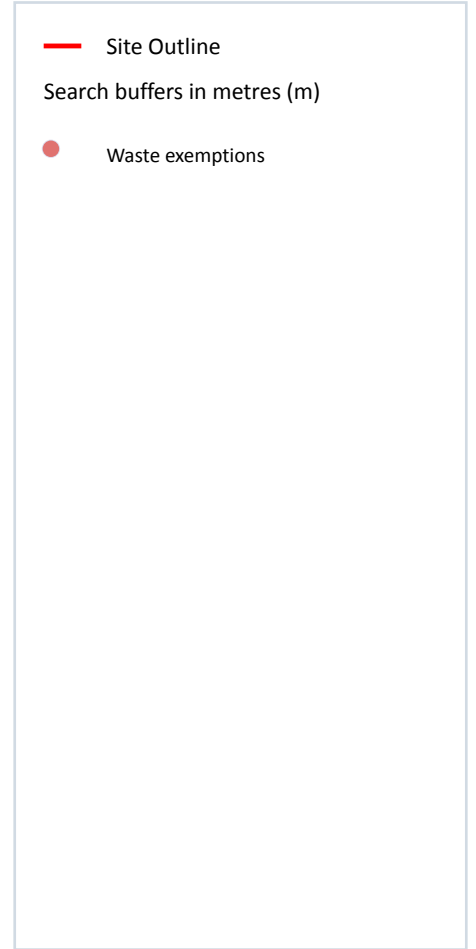
0

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'.

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

0

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.

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

3.5 Historical waste sites

Records within 500m

0

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

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

3.6 Licensed waste sites

Records within 500m

0

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

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

3.7 Waste exemptions

Records within 500m

1

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 27 >](#)

ID	Location	Site	Reference	Category	Sub-Category	Description
1	481m SE	-	WEX268584	Using waste exemption	Not on a farm	Use of waste in construction

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



4 Current industrial land use



- Site Outline
- Search buffers in metres (m)
- Recent industrial land uses
- Licensed pollutant release (Part A(2)/B)
- Licensed Discharges to controlled waters
- Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m **2**

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on [page 30 >](#)

ID	Location	Company	Address	Activity	Category
A	37m N	Works	Lincolnshire, DN18	Unspecified Works Or Factories	Industrial Features
A	68m N	Chimney	Lincolnshire, DN18	Chimneys	Industrial Features

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m	0
---------------------	---

Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m	0
---------------------	---

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m	0
---------------------	---

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m	0
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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

0

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.

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

4.10 Licensed industrial activities (Part A(1))

Records within 500m

0

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

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 30 >](#)

ID	Location	Address	Details	
A	57m N	Gordon Harrison Lintied T/A William Blyth, Ings Tileries, Far Ings Road, Barton On Humber, DN18 5RF	Process: Manufacture of Clay Status: Current Permit Permit Type: Part A2	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
A	72m N	Gordon Harrison Lintied T/A William Blyth, Ings Tileries, Far Ings Road, Barton On Humber, DN18 5RF	Process: Manufacture of Clay Status: Historical Permit Permit Type: Part A2	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	2
----------------------------	----------

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 30 >](#)

ID	Location	Address	Details	
1	97m S	THE OLD TILE WORKS, FAR INGS ROAD, BARTON UPON HUMBER, NORTH LINCOLNSHIRE, DN18 5AZ	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: EPRFB3599DJ Permit Version: 1 Receiving Water: OLD TILE WORKS POND	Status: NEW ISSUED UNDER EPR 2010 Issue date: 20/03/2017 Effective Date: 20/03/2017 Revocation Date: -
6	499m W	BARTON OUTDOOR PURSUITS, FAR INGS ROAD, BARTON-ON-HUMBER, DN18 5RF	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: PRNNF09078 Permit Version: 1 Receiving Water: unnamed pond River Humber	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 19/03/1992 Effective Date: 19/03/1992 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

4

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 30 >](#)

ID	Location	Details	
2	310m E	Incident Date: 20/07/2003 Incident Identification: 175165 Pollutant: Other Pollutant Pollutant Description: Other	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
3	445m W	Incident Date: 12/02/2002 Incident Identification: 57848 Pollutant: Specific Waste Materials Pollutant Description: Vehicles and Vehicle Parts	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
4	445m W	Incident Date: 28/05/2003 Incident Identification: 161411 Pollutant: Other Pollutant Pollutant Description: Microbiological	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
5	453m SE	Incident Date: 26/06/2003 Incident Identification: 169141 Pollutant: Oils and Fuel Pollutant Description: Diesel	Water Impact: Category 3 (Minor) 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

Records within 500m

0

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

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

4.20 Pollution inventory waste transfers

Records within 500m

0

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

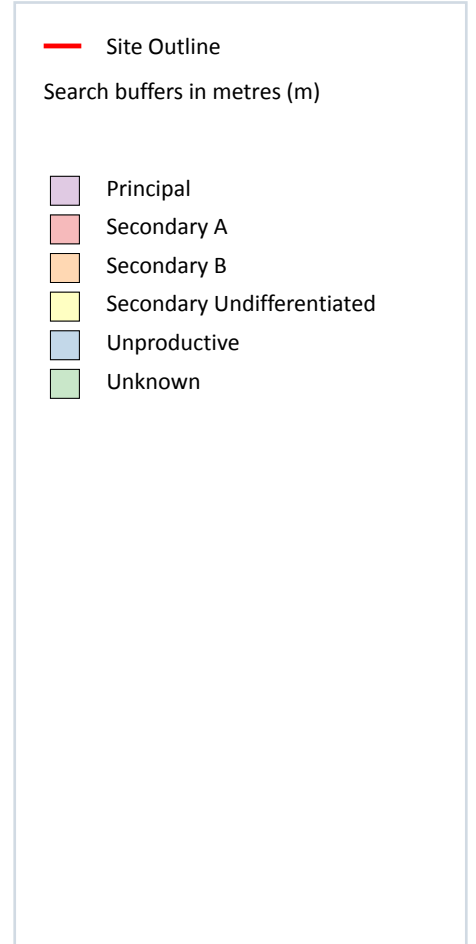
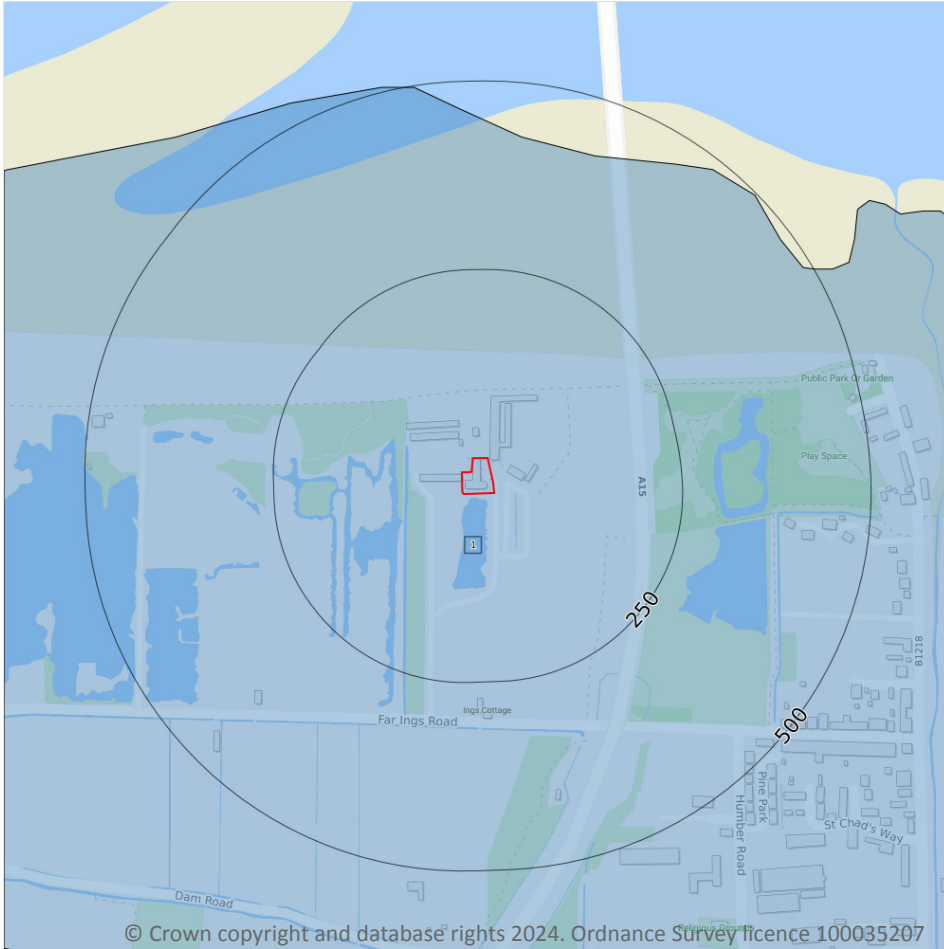
Records within 500m

0

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

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

5 Hydrogeology - Superficial aquifer



5.1 Superficial aquifer

Records within 500m

1

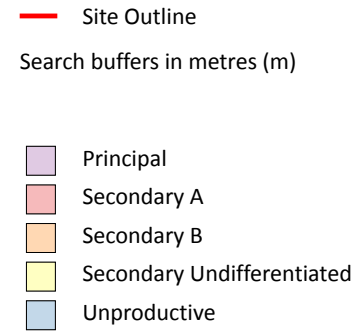
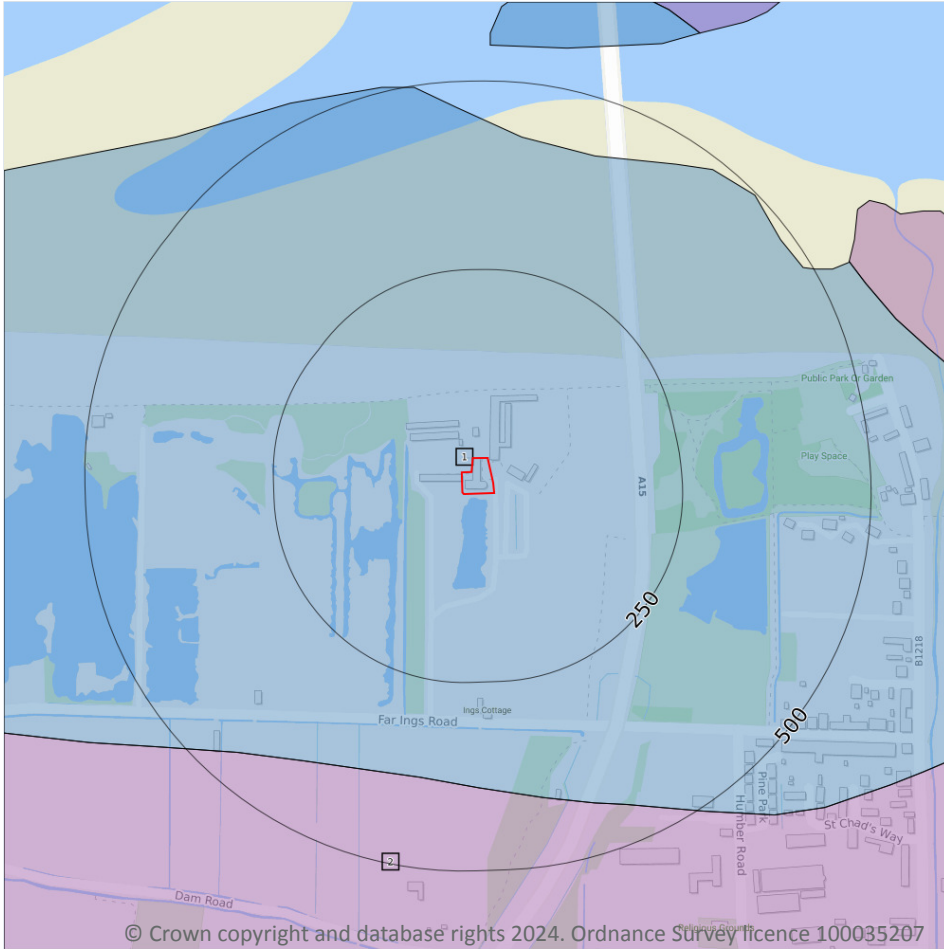
Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on [page 37](#) >

ID	Location	Designation	Description
1	On site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

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

Bedrock aquifer



5.2 Bedrock aquifer

Records within 500m

2

Aquifer status of groundwater held within bedrock geology.

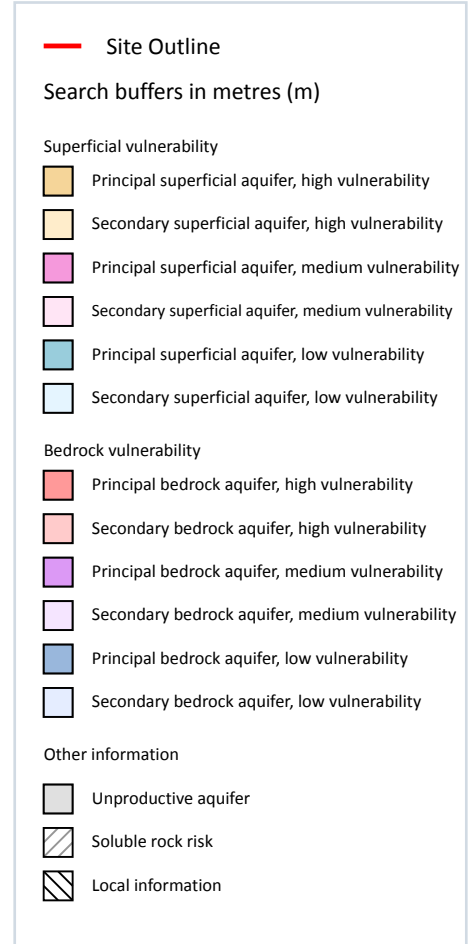
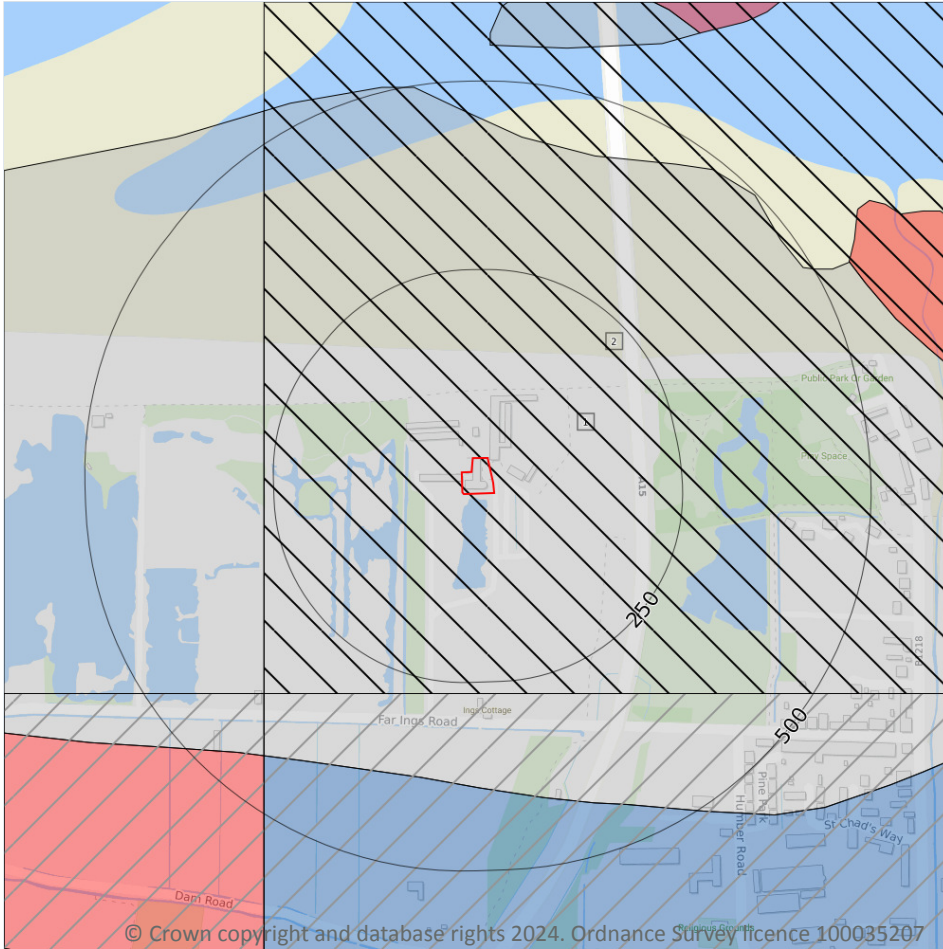
Features are displayed on the Bedrock aquifer map on [page 38](#) >

ID	Location	Designation	Description
1	On site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
2	380m S	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers

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



Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m

1

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

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

Features are displayed on the Groundwater vulnerability map on [page 39](#) >

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: High Infiltration value: No Data% Dilution value: No Datamm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures

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

5.4 Groundwater vulnerability- soluble rock risk

Records on site	0
------------------------	----------

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

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

5.5 Groundwater vulnerability- local information

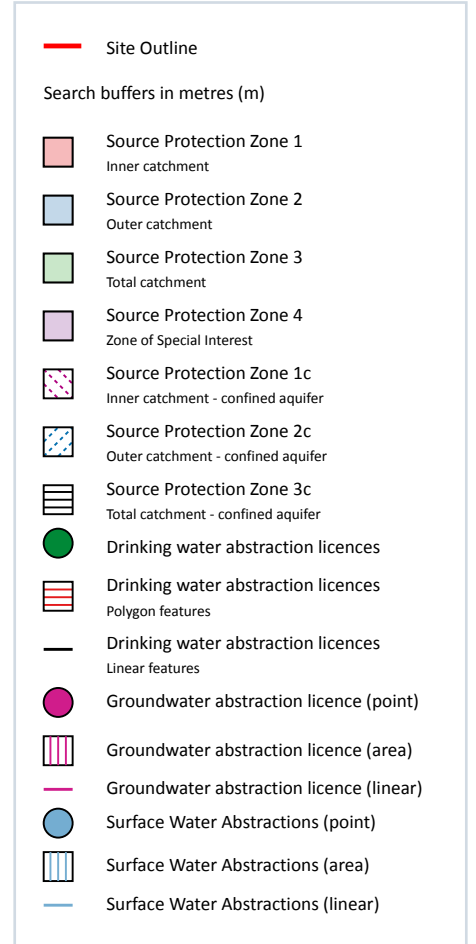
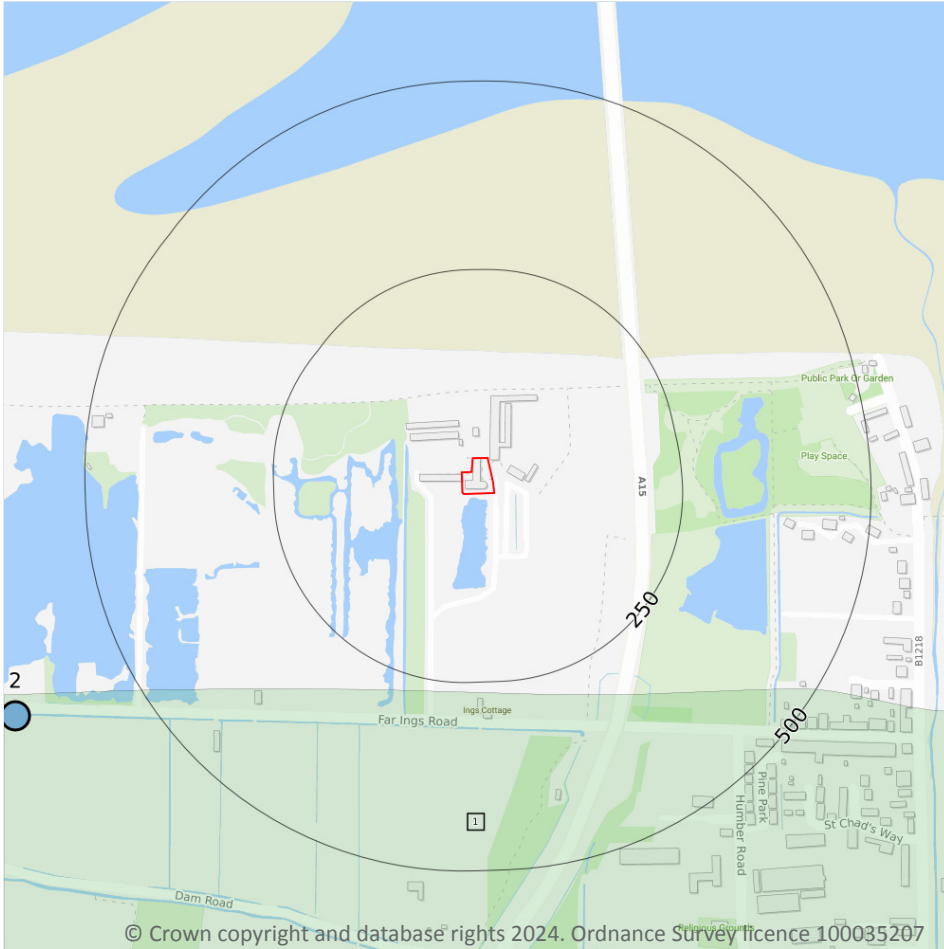
Records on site	1
------------------------	----------

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

ID	Summary	Additional information
2	Low vulnerability area due to presence of protective superficial deposits	Protective superficial deposits present in south Humberbank

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

Abstractions and Source Protection Zones



5.6 Groundwater abstractions

Records within 2000m

0

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

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

5.7 Surface water abstractions

Records within 2000m

8

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

Features are displayed on the Abstractions and Source Protection Zones map on [page 41 >](#)

ID	Location	Details	
2	663m SW	Status: Historical Licence No: 4/29/09/*S/0133 Details: Lake & Pond Throughflow Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: FAR INGS ROAD DRAIN - BARTON Data Type: Point Name: LINCOLNSHIRE WILDLIFE TRUST Easting: 501670 Northing: 422970	Annual Volume (m ³): 36400 Max Daily Volume (m ³): 500 Original Application No: - Original Start Date: 01/08/1992 Expiry Date: 31/03/2017 Issue No: 102 Version Start Date: 11/02/2005 Version End Date: -
-	757m SW	Status: Historical Licence No: 4/29/09/*S/0133 Details: Lake & Pond Throughflow Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: FAR INGS ROAD DRAIN - BARTON Data Type: Point Name: NORTH LINCOLNSHIRE COUNCIL Easting: 501600 Northing: 422900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/08/1992 Expiry Date: 01/03/2017 Issue No: 101 Version Start Date: 01/04/2004 Version End Date: -
-	1191m E	Status: Historical Licence No: 4/29/09/*S/0140 Details: Pollution Remediation Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: RIVER HUMBER - BARTON UPON HUMER Data Type: Point Name: NORTH LINCOLNSHIRE COUNCIL Easting: 503480 Northing: 423470	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: 31/03/2002 Issue No: 1 Version Start Date: 16/03/2000 Version End Date: -
-	1191m E	Status: Historical Licence No: 4/29/09/*S/0141 Details: Make-Up or Top Up Water Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: RIVER HUMBER - BARTON UPON HUMER Data Type: Point Name: NORTH LINCOLNSHIRE COUNCIL Easting: 503480 Northing: 423470	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: 31/03/2020 Issue No: 1 Version Start Date: 01/04/2004 Version End Date: -



ID	Location	Details	
-	1222m W	Status: Historical Licence No: 4/29/09/*S/0144 Details: Make-Up Or Top Up Water Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: UNAMED DRAIN LEADING TO FAR INGS DRAIN - BARTON ON HUMBER Data Type: Point Name: LINCOLNSHIRE WILDLIFE TRUST Easting: 501110 Northing: 422860	Annual Volume (m ³): 46000 Max Daily Volume (m ³): 1000 Original Application No: - Original Start Date: 07/01/2002 Expiry Date: 31/03/2018 Issue No: 1 Version Start Date: 01/04/2004 Version End Date: -
-	1226m W	Status: Historical Licence No: 4/29/09/*S/0144 Details: Make-Up Or Top Up Water Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: UNAMED DRAIN LEADING TO FAR INGS DRAIN - BARTON UPON HUMBER Data Type: Point Name: LINCOLNSHIRE WILDLIFE TRUST Easting: 501110 Northing: 422850	Annual Volume (m ³): 46000 Max Daily Volume (m ³): 1000 Original Application No: - Original Start Date: 07/01/2002 Expiry Date: 31/03/2018 Issue No: 1 Version Start Date: 01/04/2004 Version End Date: -
-	1367m SE	Status: Historical Licence No: 4/29/09/*S/0140 Details: Pollution Remediation Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: BUTTS ROAD DRAIN - BARTON UPON HUMBER Data Type: Point Name: NORTH LINCOLNSHIRE COUNCIL Easting: 503550 Northing: 422700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: 31/03/2002 Issue No: 1 Version Start Date: 16/03/2000 Version End Date: -
-	1367m SE	Status: Historical Licence No: 4/29/09/*S/0141 Details: Make-Up or Top Up Water Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: BUTTS ROAD DRAIN - BARTON UPON HUMBER Data Type: Point Name: NORTH LINCOLNSHIRE COUNCIL Easting: 503550 Northing: 422700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: 31/03/2020 Issue No: 1 Version Start Date: 01/04/2004 Version End Date: -

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



5.8 Potable abstractions

Records within 2000m

0

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

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

5.9 Source Protection Zones

Records within 500m

1

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination. Features are displayed on the Abstractions and Source Protection Zones map on [page 41 >](#)

ID	Location	Type	Description
1	263m S	3	Total catchment

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

5.10 Source Protection Zones (confined aquifer)

Records within 500m

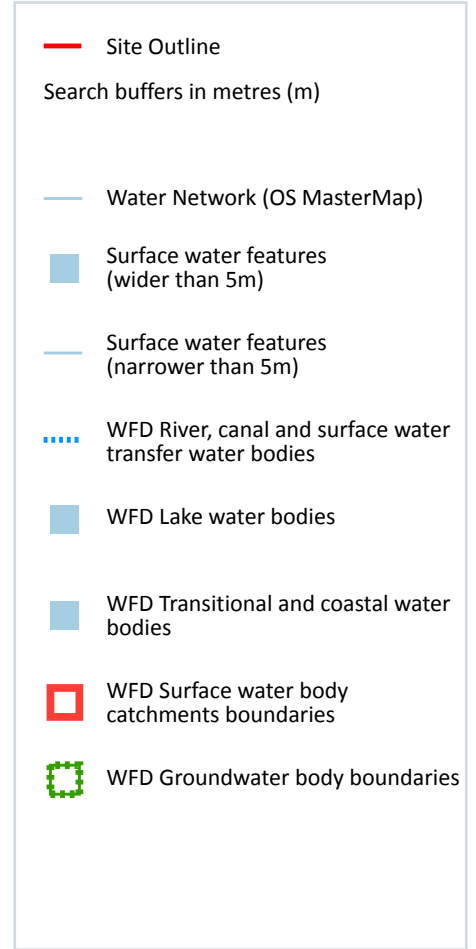
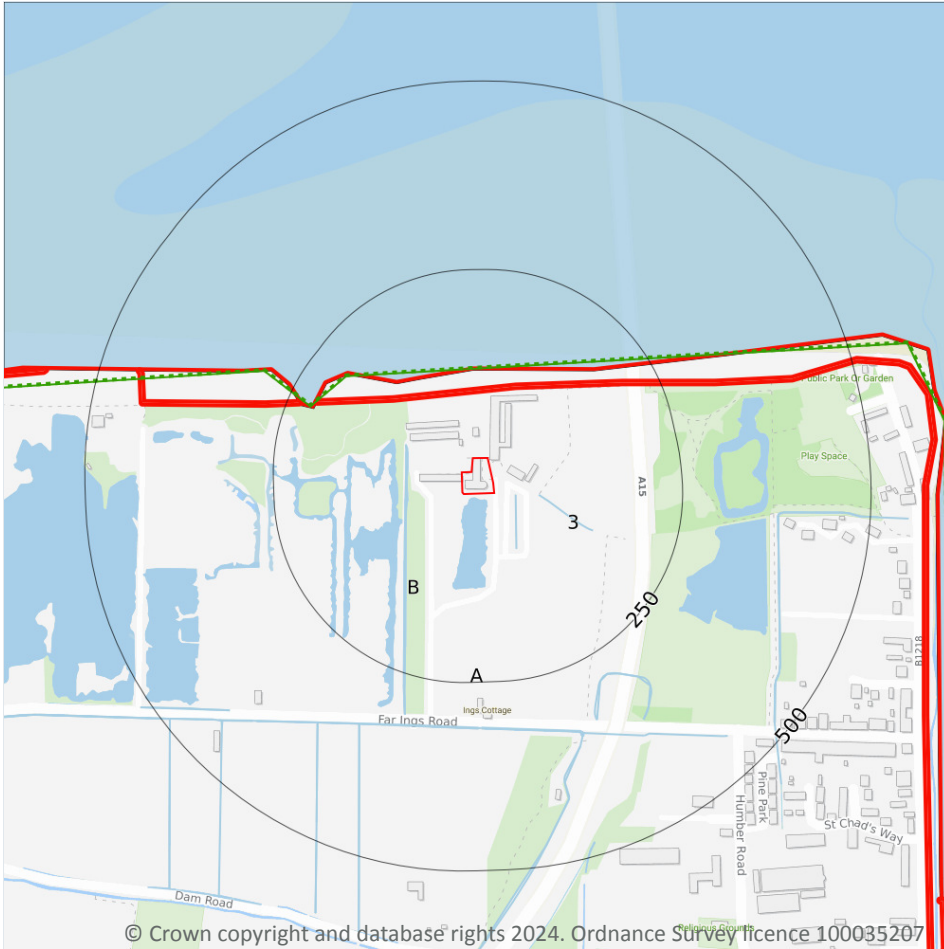
0

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

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



6 Hydrology



6.1 Water Network (OS MasterMap)

Records within 250m

2

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

Features are displayed on the Hydrology map on [page 45 >](#)

ID	Location	Type of water feature	Ground level	Permanence	Name
3	59m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

ID	Location	Type of water feature	Ground level	Permanence	Name
B	73m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m	5
----------------------------	----------

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

Features are displayed on the Hydrology map on [page 45 >](#)

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

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

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

Features are displayed on the Hydrology map on [page 45 >](#)

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
A	On site	River	Barrow Beck	GB104029067605	Becks Northern	Louth Grimsby and Ancholme

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

6.4 WFD Surface water bodies

Records identified	2
---------------------------	----------

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



water body ID in the table to visit the EA Catchment Explorer to find out more about each water body listed.

Features are displayed on the Hydrology map on [page 45 >](#)

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
6	115m N	Transi	HUMBER MIDDLE	GB530402609202 ↗	Moderate	Fail	Moderate	2019
-	3469m SE	River	Barrow Beck	GB104029067605 ↗	Poor	Fail	Poor	2019

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

6.5 WFD Groundwater bodies

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

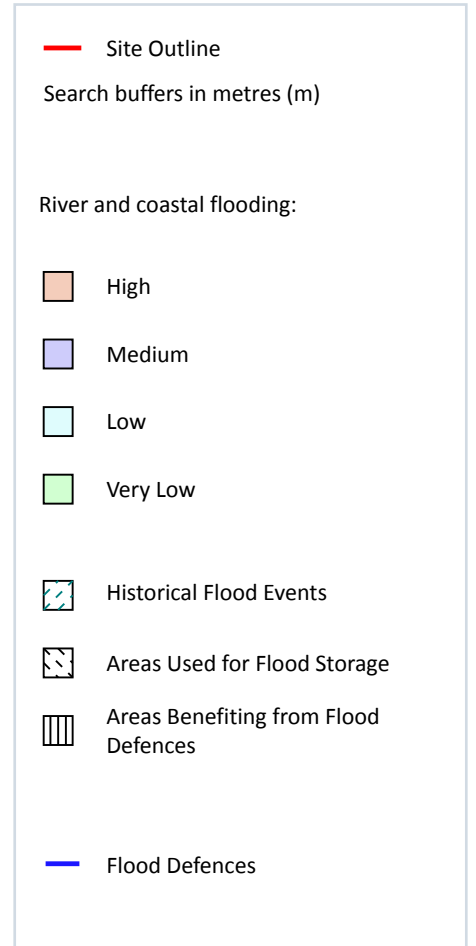
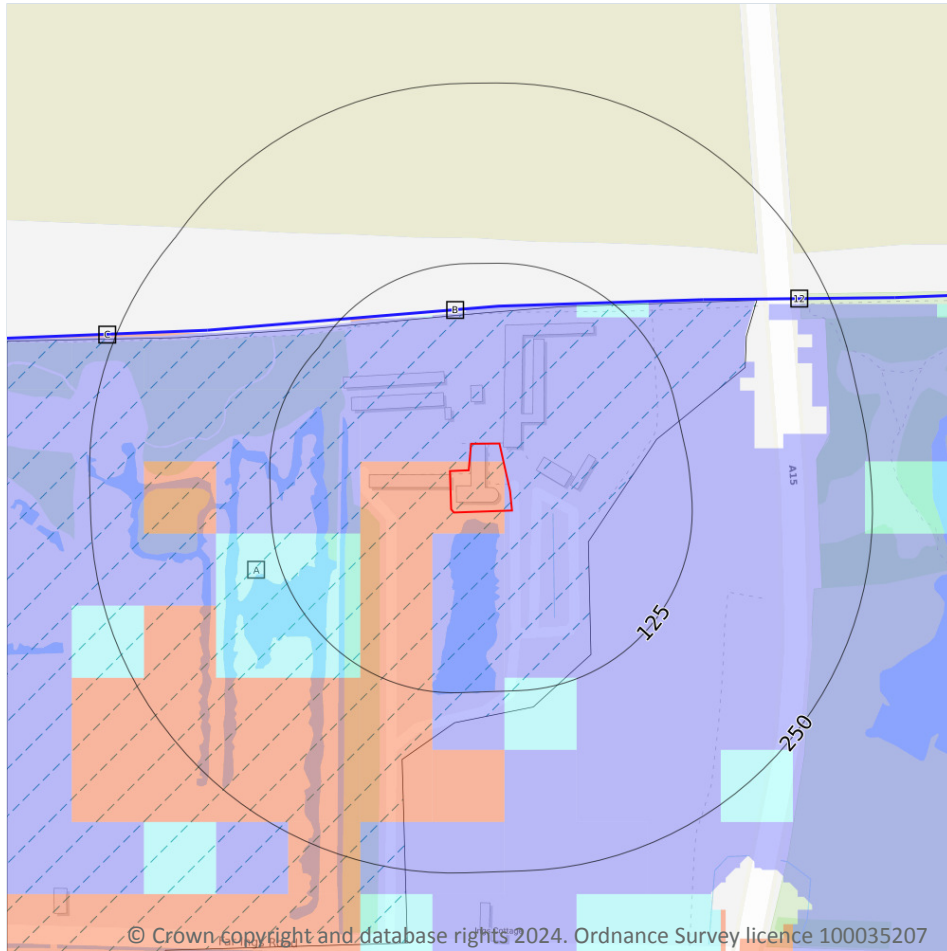
Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

Features are displayed on the Hydrology map on [page 45 >](#)

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
A	On site	North Lincolnshire Chalk Unit	GB40401G401500 ↗	Poor	Poor	Poor	2019

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

7 River and coastal flooding



7.1 Risk of flooding from rivers and the sea

Records within 50m

3

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

Features are displayed on the River and coastal flooding map on [page 48](#) >

Distance	Flood risk category
On site	High
0 - 50m	High

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

7.2 Historical Flood Events

Records within 250m	1
---------------------	---

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

Features are displayed on the River and coastal flooding map on [page 48](#) >

ID	Location	Event name	Date of flood	Flood source	Flood cause	Type of flood
A	On site	Lna_2013_12_Tidal_Witham_Haven	2013-12-05 2013-12-05	Sea	Overtopping of defences	Tidal

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

7.3 Flood Defences

Records within 250m	3
---------------------	---

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

Features are displayed on the River and coastal flooding map on [page 48](#) >

ID	Location	Update
B	94m N	08/11/2022
12	173m NE	08/11/2022
C	195m NW	08/11/2022

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



7.4 Areas Benefiting from Flood Defences

Records within 250m

0

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

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

7.5 Flood Storage Areas

Records within 250m

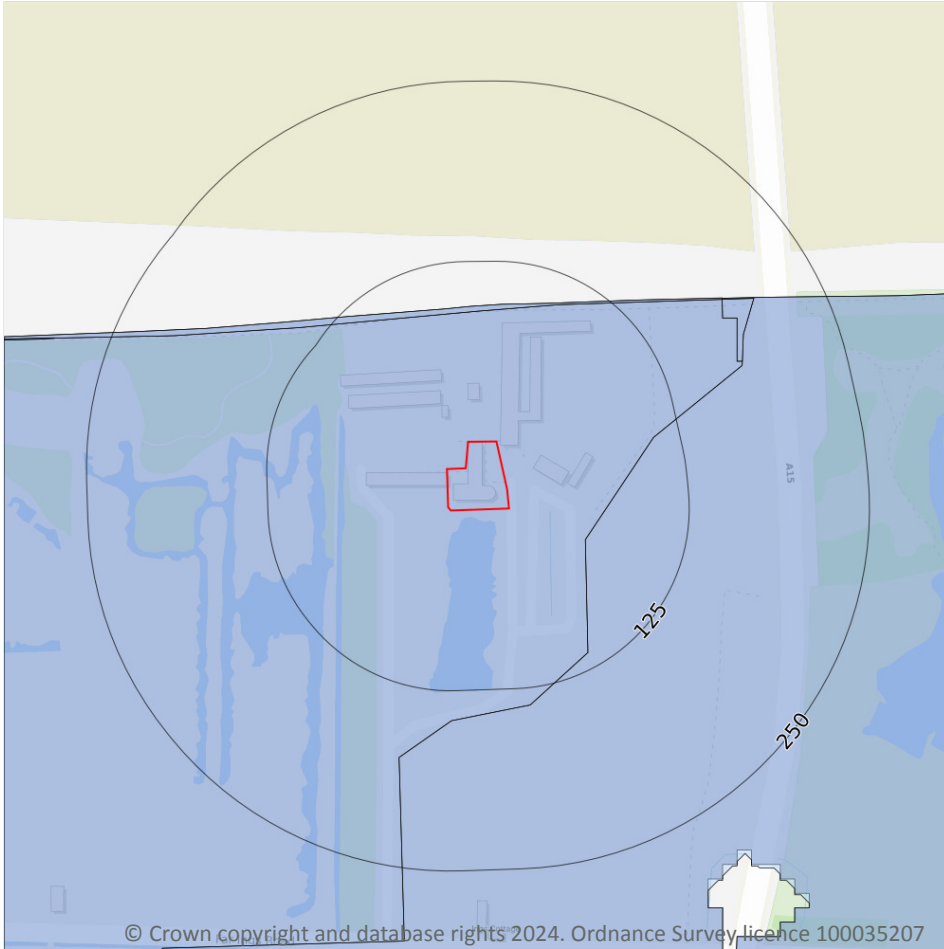
0

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

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



River and coastal flooding - Flood Zones



— Site Outline
Search buffers in metres (m)

Flood zone 2
 Flood zone 3

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7.6 Flood Zone 2

Records within 50m

1

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

Features are displayed on the River and coastal flooding map on [page 48 >](#)

Location	Type
On site	Zone 2 - (Fluvial /Tidal Models)

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

7.7 Flood Zone 3

Records within 50m

1

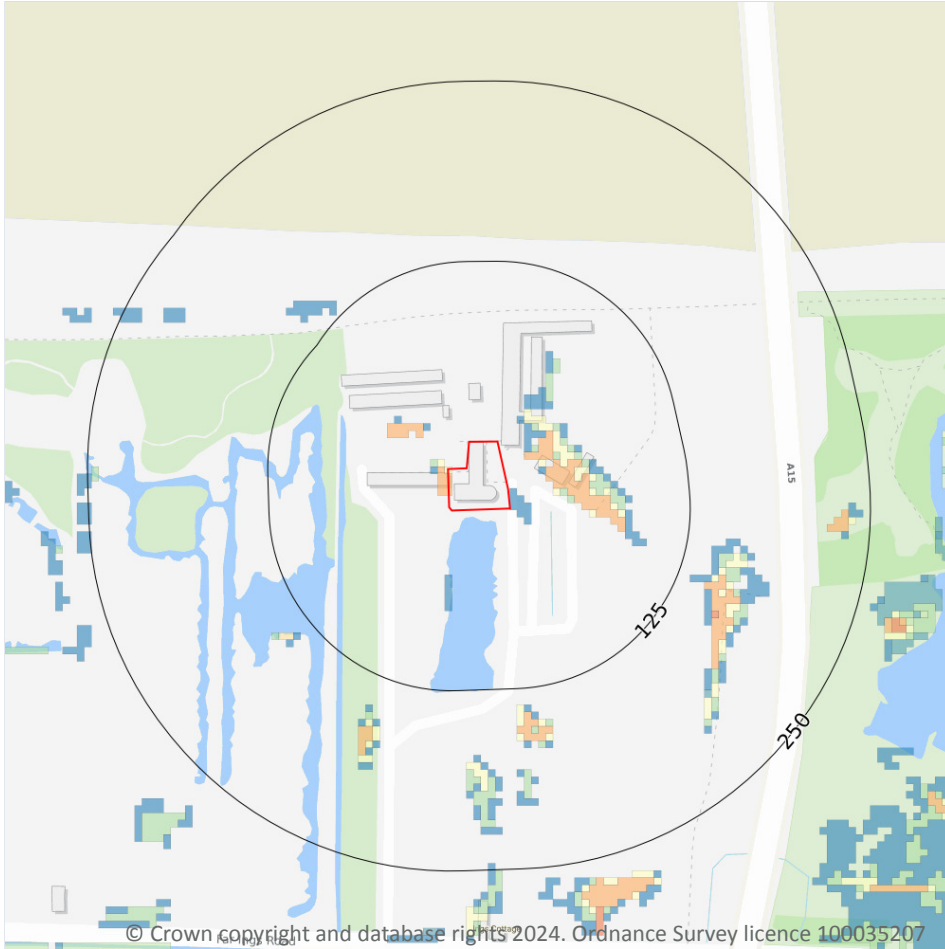
Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

Features are displayed on the River and coastal flooding map on [page 48](#) >

Location	Type
On site	Zone 3 - (Fluvial Models)

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

8 Surface water flooding



8.1 Surface water flooding

Highest risk on site

1 in 30 year, 0.1m - 0.3m

Highest risk within 50m

1 in 30 year, 0.1m - 0.3m

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

Features are displayed on the Surface water flooding map on [page 53 >](#)

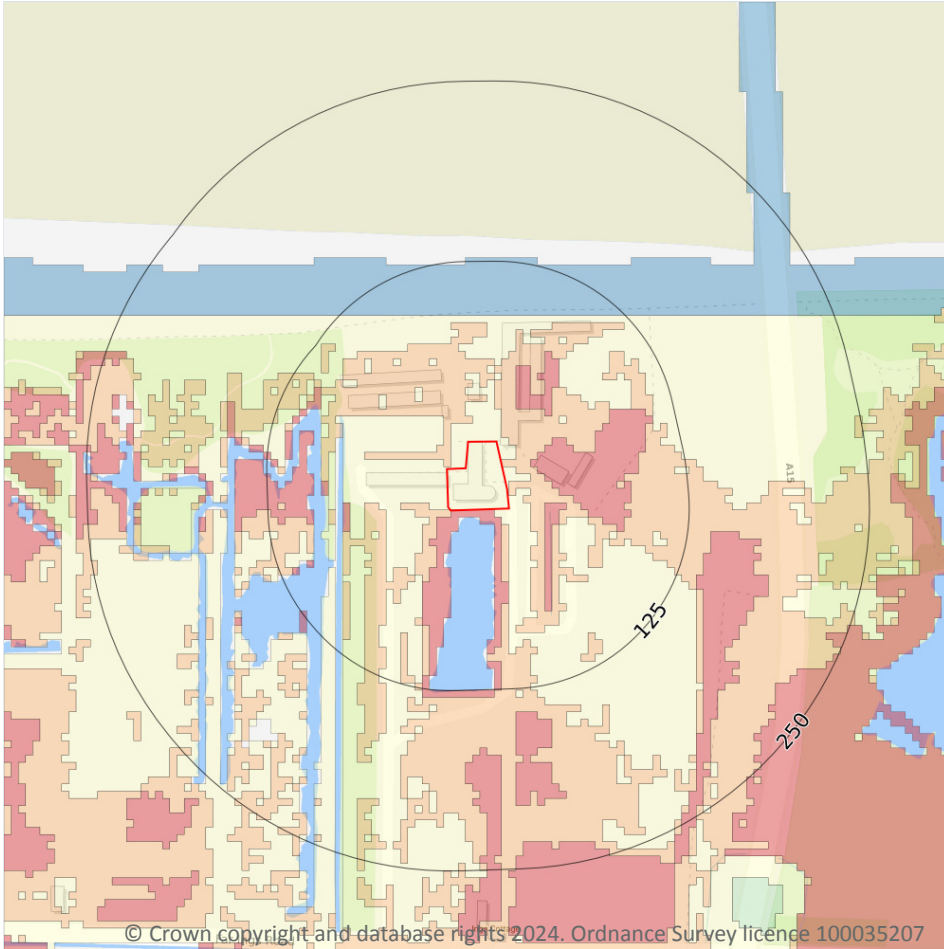
The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.

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

Return period	Maximum modelled depth
1 in 1000 year	Between 0.1m and 0.3m
1 in 250 year	Between 0.1m and 0.3m
1 in 100 year	Between 0.1m and 0.3m
1 in 30 year	Between 0.1m and 0.3m

This data is sourced from Ambiental Risk Analytics.

9 Groundwater flooding



9.1 Groundwater flooding

Highest risk on site

High

Highest risk within 50m

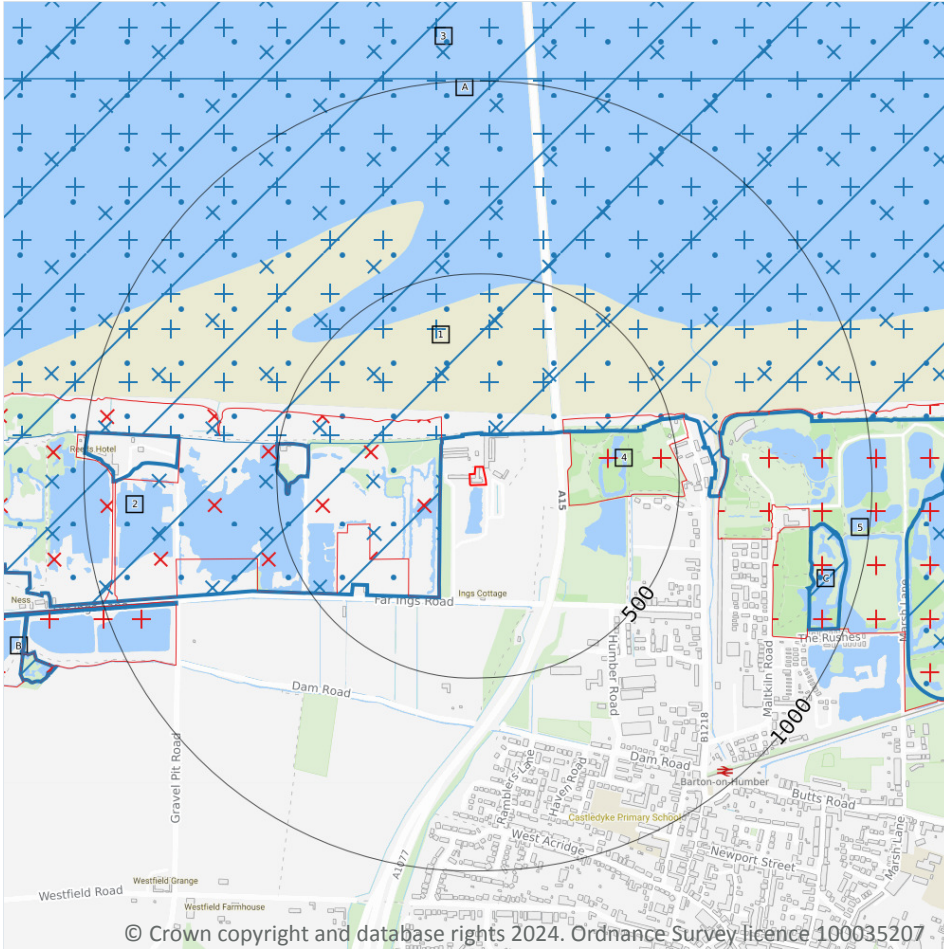
High

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

Features are displayed on the Groundwater flooding map on [page 55 >](#)

This data is sourced from Ambiental Risk Analytics.

10 Environmental designations



10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

3

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

Features are displayed on the Environmental designations map on [page 56](#) >

ID	Location	Name	Data source
A	76m W	Humber Estuary	Natural England

ID	Location	Name	Data source
B	821m SW	Humber Estuary	Natural England
C	849m E	Humber Estuary	Natural England

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

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m

3

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

Features are displayed on the Environmental designations map on [page 56](#) >





ID	Location	Site	Details
A	75m W	Name: Humber Estuary Site status: Listed Data source: Natural England	<p>Overview: The Humber Estuary is the largest macro-tidal estuary on the British North Sea coast. It drains a catchment of some 24,240 square kilometres and is the site of the largest single input of freshwater from Britain into the North Sea. It has the second-highest tidal range in Britain (max 7.4 m) and approximately one-third of the estuary is exposed as mud or sand flats at low tide. The inner estuary supports extensive areas of reedbed with areas of mature and developing saltmarsh backed in places by limited areas of grazing marsh in the middle and outer estuary. On the north Lincolnshire coast the saltmarsh is backed by low sand dunes with marshy slacks and brackish pools. The Estuary regularly supports internationally important numbers of waterfowl in winter and nationally important breeding populations in summer.</p> <p>Ramsar criteria: Ramsar criterion 1 The site is a representative example of a near-natural estuary with the following component habitats: dune systems and humid dune slacks, estuarine waters, intertidal mud and sand flats, saltmarshes, and coastal brackish/saline lagoons. It is a large macro-tidal coastal plain estuary with high suspended sediment loads, which feed a dynamic and rapidly changing system of accreting and eroding intertidal and subtidal mudflats, sandflats, saltmarsh and reedbeds. Examples of both strandline, foredune, mobile, semi-fixed dunes, fixed dunes and dune grassland occur on both banks of the estuary and along the coast. The estuary supports a full range of saline conditions from the open coast to the limit of saline intrusion on the tidal rivers of the Ouse and Trent. Wave exposed sandy shores are found in the outer/open coast areas of the estuary. These change to the more moderately exposed sandy shores and then to sheltered muddy shores within the main body of the estuary and up into the tidal rivers. The lower saltmarsh of the Humber is dominated by common cordgrass <i>Spartina anglica</i> and annual glasswort <i>Salicornia</i> communities. Low to mid marsh communities are mostly represented by sea aster <i>Aster tripolium</i>, common saltmarsh grass <i>Puccinellia maritima</i> and sea purslane <i>Atriplex portulacoides</i> communities. The upper portion of the saltmarsh community is atypical, dominated by sea couch <i>Elytrigia atherica</i> (<i>Elymus pycnanthus</i>) saltmarsh community. In the upper reaches of the estuary, the tidal marsh community is dominated by the common reed <i>Phragmites australis</i> fen and sea club rush <i>Bolboschoenus maritimus</i> swamp with the couch grass <i>Elytrigia repens</i> (<i>Elymus repens</i>) saltmarsh community. Within the Humber Estuary Ramsar site there are good examples of four of the five physiographic types of saline lagoon. Ramsar criterion 3 The Humber Estuary Ramsar site supports a breeding colony of grey seals <i>Halichoerus grypus</i> at Donna Nook. It is the second largest grey seal colony in England and the furthest south regular breeding site on the east coast. The dune slacks at Saltfleetby-Theddlethorpe on the southern extremity of the Ramsar site are the most north-easterly breeding site in Great Britain of the natterjack toad <i>Bufo calamita</i>. Ramsar criterion 5 Assemblages of international importance: 153,934 waterfowl, non-breeding season (5 year peak mean 1996/97-2000/2001) Ramsar criterion 6 – species/populations occurring at levels of international</p>



ID	Location	Site	Details
B	820m SW	Name: Humber Estuary Site status: Listed Data source: Natural England	<p>Overview: The Humber Estuary is the largest macro-tidal estuary on the British North Sea coast. It drains a catchment of some 24,240 square kilometres and is the site of the largest single input of freshwater from Britain into the North Sea. It has the second-highest tidal range in Britain (max 7.4 m) and approximately one-third of the estuary is exposed as mud or sand flats at low tide. The inner estuary supports extensive areas of reedbed with areas of mature and developing saltmarsh backed in places by limited areas of grazing marsh in the middle and outer estuary. On the north Lincolnshire coast the saltmarsh is backed by low sand dunes with marshy slacks and brackish pools. The Estuary regularly supports internationally important numbers of waterfowl in winter and nationally important breeding populations in summer.</p> <p>Ramsar criteria: Ramsar criterion 1 The site is a representative example of a near-natural estuary with the following component habitats: dune systems and humid dune slacks, estuarine waters, intertidal mud and sand flats, saltmarshes, and coastal brackish/saline lagoons. It is a large macro-tidal coastal plain estuary with high suspended sediment loads, which feed a dynamic and rapidly changing system of accreting and eroding intertidal and subtidal mudflats, sandflats, saltmarsh and reedbeds. Examples of both strandline, foredune, mobile, semi-fixed dunes, fixed dunes and dune grassland occur on both banks of the estuary and along the coast. The estuary supports a full range of saline conditions from the open coast to the limit of saline intrusion on the tidal rivers of the Ouse and Trent. Wave exposed sandy shores are found in the outer/open coast areas of the estuary. These change to the more moderately exposed sandy shores and then to sheltered muddy shores within the main body of the estuary and up into the tidal rivers. The lower saltmarsh of the Humber is dominated by common cordgrass <i>Spartina anglica</i> and annual glasswort <i>Salicornia</i> communities. Low to mid marsh communities are mostly represented by sea aster <i>Aster tripolium</i>, common saltmarsh grass <i>Puccinellia maritima</i> and sea purslane <i>Atriplex portulacoides</i> communities. The upper portion of the saltmarsh community is atypical, dominated by sea couch <i>Elytrigia atherica</i> (<i>Elymus pycnanthus</i>) saltmarsh community. In the upper reaches of the estuary, the tidal marsh community is dominated by the common reed <i>Phragmites australis</i> fen and sea club rush <i>Bolboschoenus maritimus</i> swamp with the couch grass <i>Elytrigia repens</i> (<i>Elymus repens</i>) saltmarsh community. Within the Humber Estuary Ramsar site there are good examples of four of the five physiographic types of saline lagoon. Ramsar criterion 3 The Humber Estuary Ramsar site supports a breeding colony of grey seals <i>Halichoerus grypus</i> at Donna Nook. It is the second largest grey seal colony in England and the furthest south regular breeding site on the east coast. The dune slacks at Saltfleetby-Theddlethorpe on the southern extremity of the Ramsar site are the most north-easterly breeding site in Great Britain of the natterjack toad <i>Bufo calamita</i>. Ramsar criterion 5 Assemblages of international importance: 153,934 waterfowl, non-breeding season (5 year peak mean 1996/97-2000/2001) Ramsar criterion 6 – species/populations occurring at levels of international</p>



ID	Location	Site	Details
C	849m E	Name: Humber Estuary Site status: Listed Data source: Natural England	<p>Overview: The Humber Estuary is the largest macro-tidal estuary on the British North Sea coast. It drains a catchment of some 24,240 square kilometres and is the site of the largest single input of freshwater from Britain into the North Sea. It has the second-highest tidal range in Britain (max 7.4 m) and approximately one-third of the estuary is exposed as mud or sand flats at low tide. The inner estuary supports extensive areas of reedbed with areas of mature and developing saltmarsh backed in places by limited areas of grazing marsh in the middle and outer estuary. On the north Lincolnshire coast the saltmarsh is backed by low sand dunes with marshy slacks and brackish pools. The Estuary regularly supports internationally important numbers of waterfowl in winter and nationally important breeding populations in summer.</p> <p>Ramsar criteria: Ramsar criterion 1 The site is a representative example of a near-natural estuary with the following component habitats: dune systems and humid dune slacks, estuarine waters, intertidal mud and sand flats, saltmarshes, and coastal brackish/saline lagoons. It is a large macro-tidal coastal plain estuary with high suspended sediment loads, which feed a dynamic and rapidly changing system of accreting and eroding intertidal and subtidal mudflats, sandflats, saltmarsh and reedbeds. Examples of both strandline, foredune, mobile, semi-fixed dunes, fixed dunes and dune grassland occur on both banks of the estuary and along the coast. The estuary supports a full range of saline conditions from the open coast to the limit of saline intrusion on the tidal rivers of the Ouse and Trent. Wave exposed sandy shores are found in the outer/open coast areas of the estuary. These change to the more moderately exposed sandy shores and then to sheltered muddy shores within the main body of the estuary and up into the tidal rivers. The lower saltmarsh of the Humber is dominated by common cordgrass <i>Spartina anglica</i> and annual glasswort <i>Salicornia</i> communities. Low to mid marsh communities are mostly represented by sea aster <i>Aster tripolium</i>, common saltmarsh grass <i>Puccinellia maritima</i> and sea purslane <i>Atriplex portulacoides</i> communities. The upper portion of the saltmarsh community is atypical, dominated by sea couch <i>Elytrigia atherica</i> (<i>Elymus pycnanthus</i>) saltmarsh community. In the upper reaches of the estuary, the tidal marsh community is dominated by the common reed <i>Phragmites australis</i> fen and sea club rush <i>Bolboschoenus maritimus</i> swamp with the couch grass <i>Elytrigia repens</i> (<i>Elymus repens</i>) saltmarsh community. Within the Humber Estuary Ramsar site there are good examples of four of the five physiographic types of saline lagoon. Ramsar criterion 3 The Humber Estuary Ramsar site supports a breeding colony of grey seals <i>Halichoerus grypus</i> at Donna Nook. It is the second largest grey seal colony in England and the furthest south regular breeding site on the east coast. The dune slacks at Saltfleetby-Theddlethorpe on the southern extremity of the Ramsar site are the most north-easterly breeding site in Great Britain of the natterjack toad <i>Bufo calamita</i>. Ramsar criterion 5 Assemblages of international importance: 153,934 waterfowl, non-breeding season (5 year peak mean 1996/97-2000/2001) Ramsar criterion 6 – species/populations occurring at levels of international</p>



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

10.3 Special Areas of Conservation (SAC)

Records within 2000m

1

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

Features are displayed on the Environmental designations map on [page 56 >](#)

ID	Location	Name	Features of interest	Habitat description	Data source
3	84m N	Humber Estuary	Subtidal sandbanks; Estuaries; Intertidal mudflats and sandflats; Lagoons; Annual vegetation of drift lines; Glasswort and other annuals colonising mud and sand; Cord-grass swards; Atlantic salt meadows; Shifting dunes; Shifting dunes with marram; Dune grassland; Dunes with sea-buckthorn; Sea lamprey; River lamprey; Allis shad; Twaite shad; Grey seal; Common seal.	Bogs, Marshes, Water fringed vegetation, Fens; Salt marshes, Salt pastures, Salt steppes; Coastal sand dunes, Sand beaches, Machair; Tidal rivers, Estuaries, Mud flats, Sand flats, Lagoons (including saltwork basins)	Natural England

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

10.4 Special Protection Areas (SPA)

Records within 2000m

4

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

Features are displayed on the Environmental designations map on [page 56 >](#)

ID	Location	Name	Species of interest	Habitat description	Data source
1	76m W	Humber Estuary	Great bittern; Great bittern; Common shelduck; Eurasian wigeon; Eurasian teal; Mallard; Common pochard; Greater scaup; Common goldeneye; Eurasian marsh harrier; Hen harrier; Eurasian oystercatcher; Pied avocet; Pied avocet; Ringed plover; Ringed plover; European golden plover; Grey plover; Grey plover; Northern lapwing; Red knot; Red knot; Sanderling; Sanderling; Ruff; Bar-tailed godwit; Whimbrel; Eurasian curlew; Common redshank; Common redshank; Common greenshank; Ruddy turnstone; Little tern; Black-tailed godwit; Black-tailed godwit; Dunlin; Dunlin; Dark-bellied brent goose	Salt marshes, Salt pastures, Salt steppes; Inland water bodies (Standing water, Running water); Tidal rivers, Estuaries, Mud flats, Sand flats, Lagoons (including saltwork basins); Coastal sand dunes, Sand beaches, Machair; Bogs, Marshes, Water fringed vegetation, Fens	Natural England
B	821m SW	Humber Estuary	Great bittern; Great bittern; Common shelduck; Eurasian wigeon; Eurasian teal; Mallard; Common pochard; Greater scaup; Common goldeneye; Eurasian marsh harrier; Hen harrier; Eurasian oystercatcher; Pied avocet; Pied avocet; Ringed plover; Ringed plover; European golden plover; Grey plover; Grey plover; Northern lapwing; Red knot; Red knot; Sanderling; Sanderling; Ruff; Bar-tailed godwit; Whimbrel; Eurasian curlew; Common redshank; Common redshank; Common greenshank; Ruddy turnstone; Little tern; Black-tailed godwit; Black-tailed godwit; Dunlin; Dunlin; Dark-bellied brent goose	Salt marshes, Salt pastures, Salt steppes; Inland water bodies (Standing water, Running water); Tidal rivers, Estuaries, Mud flats, Sand flats, Lagoons (including saltwork basins); Coastal sand dunes, Sand beaches, Machair; Bogs, Marshes, Water fringed vegetation, Fens	Natural England
C	849m E	Humber Estuary	Great bittern; Great bittern; Common shelduck; Eurasian wigeon; Eurasian teal; Mallard; Common pochard; Greater scaup; Common goldeneye; Eurasian marsh harrier; Hen harrier; Eurasian oystercatcher; Pied avocet; Pied avocet; Ringed plover; Ringed plover; European golden plover; Grey plover; Grey plover; Northern lapwing; Red knot; Red knot; Sanderling; Sanderling; Ruff; Bar-tailed godwit; Whimbrel; Eurasian curlew; Common redshank; Common redshank; Common greenshank; Ruddy turnstone; Little tern; Black-tailed godwit; Black-tailed godwit; Dunlin; Dunlin; Dark-bellied brent goose	Salt marshes, Salt pastures, Salt steppes; Inland water bodies (Standing water, Running water); Tidal rivers, Estuaries, Mud flats, Sand flats, Lagoons (including saltwork basins); Coastal sand dunes, Sand beaches, Machair; Bogs, Marshes, Water fringed vegetation, Fens	Natural England



ID	Location	Name	Species of interest	Habitat description	Data source
6	1006m N	Humber Estuary	Great bittern; Great bittern; Common shelduck; Eurasian wigeon; Eurasian teal; Mallard; Common pochard; Greater scaup; Common goldeneye; Eurasian marsh harrier; Hen harrier; Eurasian oystercatcher; Pied avocet; Pied avocet; Ringed plover; Ringed plover; European golden plover; Grey plover; Grey plover; Northern lapwing; Red knot; Red knot; Sanderling; Sanderling; Ruff; Bar-tailed godwit; Whimbrel; Eurasian curlew; Common redshank; Common redshank; Common greenshank; Ruddy turnstone; Little tern; Black-tailed godwit; Black-tailed godwit; Dunlin; Dunlin; Dark-bellied brent goose	Salt marshes, Salt pastures, Salt steppes; Inland water bodies (Standing water, Running water); Tidal rivers, Estuaries, Mud flats, Sand flats, Lagoons (including saltwork basins); Coastal sand dunes, Sand beaches, Machair; Bogs, Marshes, Water fringed vegetation, Fens	Natural England

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

10.5 National Nature Reserves (NNR)

Records within 2000m

2

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

Features are displayed on the Environmental designations map on [page 56 >](#)

ID	Location	Name	Data source
2	76m W	Far Ings	Natural England
B	1178m SW	Far Ings	Natural England

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

10.6 Local Nature Reserves (LNR)

Records within 2000m

3

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

Features are displayed on the Environmental designations map on [page 56 >](#)



ID	Location	Name	Data source
4	212m E	Waters Edge	Natural England
5	604m E	Waters Edge	Natural England
B	823m SW	Far Ings	Natural England

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

10.7 Designated Ancient Woodland

Records within 2000m

0

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

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

10.8 Biosphere Reserves

Records within 2000m

0

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

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

10.9 Forest Parks

Records within 2000m

0

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

This data is sourced from the Forestry Commission.

10.10 Marine Conservation Zones

Records within 2000m

0

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

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



10.11 Green Belt

Records within 2000m

0

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

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

10.12 Proposed Ramsar sites

Records within 2000m

0

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

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m

0

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

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

10.14 Potential Special Protection Areas (pSPA)

Records within 2000m

0

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

This data is sourced from Natural England.

10.15 Nitrate Sensitive Areas

Records within 2000m

0

Areas where nitrate concentrations in drinking water sources exceeded or was at risk of exceeding the limit of 50 mg/l set by the 1980 EC Drinking Water Directive. Voluntary agricultural measures as a means of reducing the levels of nitrate were introduced by DEFRA as MAFF, with payments being made to farmers who complied. The scheme was started as a pilot in 1990 in ten areas, later implemented within 32 areas. The scheme was



closed to further new entrants in 1998, although existing agreements continued for their full term. All Nitrate Sensitive Areas fell within the areas designated as Nitrate Vulnerable Zones (NVZs) in 1996 under the EC Nitrate Directive (91/676/EEC).

This data is sourced from Natural England.

10.16 Nitrate Vulnerable Zones

Records within 2000m

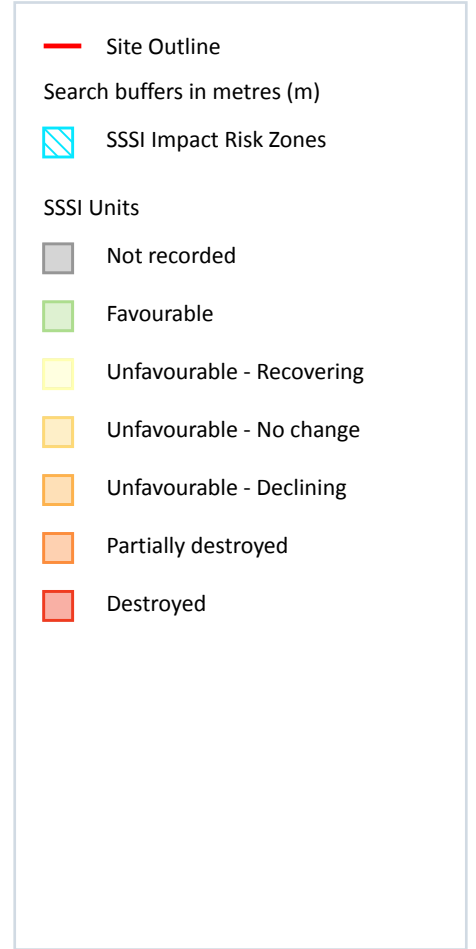
3

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

Location	Name	Type	NVZ ID	Status
597m S	Lincolnshire Chalk	Groundwater	80	Existing
1935m SE	Lincolnshire Chalk	Groundwater	80	Existing
1972m N	Yorkshire Chalk	Groundwater	106	Existing

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

SSSI Impact Zones and Units



10.17 SSSI Impact Risk Zones

Records on site

1

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

Features are displayed on the SSSI Impact Zones and Units map on [page 68](#) >

ID	Location	Type of developments requiring consultation
1	On site	<p>All applications - All planning applications (except householder) outside or extending outside existing settlements/urban areas affecting greenspace, farmland, semi natural habitats or landscape features such as trees, hedges, streams, rural buildings/structures.</p> <p>Infrastructure - Pipelines and underground cables, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals.</p> <p>Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines.</p> <p>Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction.</p> <p>Rural non-residential - Large non residential developments outside existing settlements/urban areas where net additional gross internal floorspace is > 1,000m² or footprint exceeds 0.2ha.</p> <p>Residential - Residential development of 10 units or more.</p> <p>Rural residential - Any residential developments outside of existing settlements/urban areas with a total net gain in residential units.</p> <p>Air pollution - Any development that could cause AIR POLLUTION or DUST either in its construction or operation (incl: industrial/commercial processes, livestock & poultry units, slurry lagoons & digestate stores, manure stores).</p> <p>Combustion - All general combustion processes. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion.</p> <p>Waste - Mechanical and biological waste treatment, inert landfill, non-hazardous landfill, hazardous landfill, household civic amenity recycling facilities construction, demolition and excavation waste, other waste management.</p> <p>Composting - Any composting proposal. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management.</p> <p>Discharges - Any discharge of water or liquid waste that is discharged to ground (ie to seep away) or to surface water, such as a beck or stream.</p> <p>Water supply - Large infrastructure such as warehousing / industry where net additional gross internal floorspace is > 1,000m² or any development needing its own water supply .</p>

This data is sourced from Natural England.

10.18 SSSI Units

Records within 2000m

31

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

Features are displayed on the SSSI Impact Zones and Units map on [page 68 >](#)

ID:	4
Location:	76m W
SSSI name:	Humber Estuary
Unit name:	Barton Reedbeds
Broad habitat:	Standing Open Water And Canals
Condition:	Unfavourable - Declining



Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Avocet, <i>Recurvirostra avosetta</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Bar-tailed godwit, <i>Limosa lapponica</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Bittern, <i>Botaurus stellaris</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Black-tailed godwit, <i>Limosa limosa islandica</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Brent goose (dark-bellied), <i>Branta bernicla bernicla</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Curlew, <i>Numenius arquata</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Dunlin, <i>Calidris alpina alpina</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Golden plover, <i>Pluvialis apricaria</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Goldeneye, <i>Bucephala clangula</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Greenshank, <i>Tringa nebularia</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Grey plover, <i>Pluvialis squatarola</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Knot, <i>Calidris canutus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Lapwing, <i>Vanellus vanellus</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Oystercatcher, <i>Haematopus ostralegus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Pochard, <i>Aythya ferina</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Redshank, <i>Tringa totanus</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Ruff, <i>Philomachus pugnax</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Sanderling, <i>Calidris alba</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Scaup, <i>Aythya marila</i>	Unfavourable - Recovering	29/03/2022
Aggregations of non-breeding birds - Shelduck, <i>Tadorna tadorna</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Teal, <i>Anas crecca</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Whimbrel, <i>Numenius phaeopus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Wigeon, <i>Anas penelope</i>	Unfavourable - Declining	29/03/2022
Assemblages of breeding birds - Lowland open waters and their margins	Favourable	21/04/2022
Avocet, <i>Recurvirostra avosetta</i> - A132-A, nb	Favourable	29/03/2022
Bar-tailed godwit, <i>Limosa lapponica</i> - A157, nb	Unfavourable - Declining	29/03/2022



Feature name	Feature condition	Date of assessment
Bar-tailed godwit, Limosa lapponica - Wintering	-	-
Bittern, Botaurus stellaris - A021, b	Favourable	21/04/2022
Bittern, Botaurus stellaris - A021, nb	Favourable	29/03/2022
Black-tailed godwit, Limosa limosa - Wintering	-	-
Black-tailed godwit, Limosa limosa islandica - A616, nb	Favourable	29/03/2022
Dunlin, Calidris alpina - Passage	-	-
Dunlin, Calidris alpina - Wintering	-	-
Dunlin, Calidris alpina alpina - A672, nb	Unfavourable - No change	29/03/2022
Eutrophic lakes	Unfavourable - Declining	18/07/2013
Golden plover, Pluvialis apricaria - A140, nb	Favourable	29/03/2022
Golden plover, Pluvialis apricaria - Passage	-	-
Golden plover, Pluvialis apricaria - Wintering	-	-
Invert. assemblage M3 saltmarsh, estuary and mudflat	-	-
Knot, Calidris canutus - A143, nb	Favourable	29/03/2022
Knot, Calidris canutus - Passage	-	-
Knot, Calidris canutus - Wintering	-	-
Marsh Harrier, Circus aeruginosus - A081, b	Favourable	21/04/2022
Redshank, Tringa totanus - A162, nb	Unfavourable - Declining	29/03/2022
Redshank, Tringa totanus - Passage	-	-
Ruff, Calidris pugnax - A151, nb	Unfavourable - No change	29/03/2022
Shelduck, Tadorna tadorna - A048, nb	Favourable	29/03/2022
Shelduck, Tadorna tadorna - Wintering	-	-
Vascular plant assemblage	-	-
Waterbird assemblage - Wintering	-	-
Waterbird assemblage	Favourable	29/03/2022

ID: 5
 Location: 84m N
 SSSI name: Humber Estuary
 Unit name: Western Foreshore
 Broad habitat: Littoral Sediment
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Avocet, <i>Recurvirostra avosetta</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Bar-tailed godwit, <i>Limosa lapponica</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Black-tailed godwit, <i>Limosa limosa islandica</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Brent goose (dark-bellied), <i>Branta bernicla bernicla</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Curlew, <i>Numenius arquata</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Dunlin, <i>Calidris alpina alpina</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Golden plover, <i>Pluvialis apricaria</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Goldeneye, <i>Bucephala clangula</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Greenshank, <i>Tringa nebularia</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Grey plover, <i>Pluvialis squatarola</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Knot, <i>Calidris canutus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Lapwing, <i>Vanellus vanellus</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Oystercatcher, <i>Haematopus ostralegus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Pochard, <i>Aythya ferina</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Redshank, <i>Tringa totanus</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Ruff, <i>Philomachus pugnax</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Sanderling, <i>Calidris alba</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Shelduck, <i>Tadorna tadorna</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Teal, <i>Anas crecca</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Turnstone, <i>Arenaria interpres</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Whimbrel, <i>Numenius phaeopus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Wigeon, <i>Anas penelope</i>	Unfavourable - Declining	29/03/2022



Feature name	Feature condition	Date of assessment
Avocet, <i>Recurvirostra avosetta</i> - A132-A, nb	Favourable	29/03/2022
Bar-tailed godwit, <i>Limosa lapponica</i> - A157, nb	Unfavourable - Declining	29/03/2022
Bar-tailed godwit, <i>Limosa lapponica</i> - Wintering	-	-
Black-tailed godwit, <i>Limosa limosa</i> - Wintering	-	-
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	Favourable	29/03/2022
Dunlin, <i>Calidris alpina</i> - Passage	-	-
Dunlin, <i>Calidris alpina</i> - Wintering	-	-
Dunlin, <i>Calidris alpina alpina</i> - A672, nb	Unfavourable - No change	29/03/2022
Estuaries	-	-
Estuary	-	-
Golden plover, <i>Pluvialis apricaria</i> - A140, nb	Favourable	29/03/2022
Golden plover, <i>Pluvialis apricaria</i> - Passage	-	-
Golden plover, <i>Pluvialis apricaria</i> - Wintering	-	-
H1130 Estuaries	-	-
H1310 Salicornia and other annuals colonising mud and sand	-	-
H1330 Atlantic salt meadows (<i>Glauco-Puccinellietalia maritimae</i>)	-	-
Invert. assemblage M3 saltmarsh, estuary and mudflat	-	-
Knot, <i>Calidris canutus</i> - A143, nb	Favourable	29/03/2022
Knot, <i>Calidris canutus</i> - Passage	-	-
Knot, <i>Calidris canutus</i> - Wintering	-	-
Marsh Harrier, <i>Circus aeruginosus</i> - A081, b	Favourable	21/04/2022
Redshank, <i>Tringa totanus</i> - A162, nb	Unfavourable - Declining	29/03/2022
Redshank, <i>Tringa totanus</i> - Passage	-	-
Redshank, <i>Tringa totanus</i> - Wintering	-	-
Ruff, <i>Calidris pugnax</i> - A151, nb	Unfavourable - No change	29/03/2022
SM4-28 - Saltmarsh	Unfavourable - Recovering	12/07/2012
Shelduck, <i>Tadorna tadorna</i> - A048, nb	Favourable	29/03/2022
Shelduck, <i>Tadorna tadorna</i> - Wintering	-	-



Feature name	Feature condition	Date of assessment
Waterbird assemblage - Wintering	-	-
Waterbird assemblage	Favourable	29/03/2022

ID: 7
 Location: 124m N
 SSSI name: Humber Estuary
 Unit name: Western Flats
 Broad habitat: Littoral Sediment
 Condition: Favourable
 Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Avocet, <i>Recurvirostra avosetta</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Bar-tailed godwit, <i>Limosa lapponica</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Black-tailed godwit, <i>Limosa limosa islandica</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Brent goose (dark-bellied), <i>Branta bernicla bernicla</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Curlew, <i>Numenius arquata</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Dunlin, <i>Calidris alpina alpina</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Golden plover, <i>Pluvialis apricaria</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Goldeneye, <i>Bucephala clangula</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Greenshank, <i>Tringa nebularia</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Grey plover, <i>Pluvialis squatarola</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Knot, <i>Calidris canutus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Lapwing, <i>Vanellus vanellus</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Oystercatcher, <i>Haematopus ostralegus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Pochard, <i>Aythya ferina</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Redshank, <i>Tringa totanus</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Ruff, <i>Philomachus pugnax</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Sanderling, <i>Calidris alba</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Shelduck, <i>Tadorna tadorna</i>	Favourable	29/03/2022



Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Teal, <i>Anas crecca</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Turnstone, <i>Arenaria interpres</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Whimbrel, <i>Numenius phaeopus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Wigeon, <i>Anas penelope</i>	Unfavourable - Declining	29/03/2022
Avocet, <i>Recurvirostra avosetta</i> - A132-A, nb	Favourable	29/03/2022
Bar-tailed godwit, <i>Limosa lapponica</i> - A157, nb	Unfavourable - Declining	29/03/2022
Bar-tailed godwit, <i>Limosa lapponica</i> - Wintering	-	-
Black-tailed godwit, <i>Limosa limosa</i> - Wintering	-	-
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	Favourable	29/03/2022
Dunlin, <i>Calidris alpina</i> - Passage	-	-
Dunlin, <i>Calidris alpina</i> - Wintering	-	-
Dunlin, <i>Calidris alpina alpina</i> - A672, nb	Unfavourable - No change	29/03/2022
Estuaries	-	-
Estuary	-	-
Golden plover, <i>Pluvialis apricaria</i> - A140, nb	Favourable	29/03/2022
Golden plover, <i>Pluvialis apricaria</i> - Passage	-	-
Golden plover, <i>Pluvialis apricaria</i> - Wintering	-	-
H1130 Estuaries	-	-
H1140 Mudflats and sandflats not covered by seawater at low tide	-	-
Knot, <i>Calidris canutus</i> - A143, nb	Favourable	29/03/2022
Knot, <i>Calidris canutus</i> - Passage	-	-
Knot, <i>Calidris canutus</i> - Wintering	-	-
Littoral sediment	Favourable	07/01/2021
Redshank, <i>Tringa totanus</i> - A162, nb	Unfavourable - Declining	29/03/2022
Redshank, <i>Tringa totanus</i> - Passage	-	-
Redshank, <i>Tringa totanus</i> - Wintering	-	-
River lamprey, <i>Lampetra fluviatilis</i> - Passage	-	-
Ruff, <i>Calidris pugnax</i> - A151, nb	Unfavourable - No change	29/03/2022



Feature name	Feature condition	Date of assessment
S1095 Sea lamprey, <i>Petromyzon marinus</i>	-	-
S1099 River lamprey, <i>Lampetra fluviatilis</i>	-	-
SM4-28 - Saltmarsh	-	-
Sea lamprey, <i>Petromyzon marinus</i> - Passage	-	-
Sea lamprey, <i>Petromyzon marinus</i>	-	-
Shelduck, <i>Tadorna tadorna</i> - A048, nb	Favourable	29/03/2022
Shelduck, <i>Tadorna tadorna</i> - Wintering	-	-
Waterbird assemblage - Wintering	-	-
Waterbird assemblage	Favourable	29/03/2022

ID: 8
Location: 215m NE
SSSI name: Humber Estuary
Unit name: Barton Central Foreshore
Broad habitat: Fen, Marsh And Swamp - Lowland
Condition: Unfavourable - Recovering
Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Avocet, <i>Recurvirostra avosetta</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Bar-tailed godwit, <i>Limosa lapponica</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Black-tailed godwit, <i>Limosa limosa islandica</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Brent goose (dark-bellied), <i>Branta bernicla bernicla</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Curlew, <i>Numenius arquata</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Dunlin, <i>Calidris alpina alpina</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Golden plover, <i>Pluvialis apricaria</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Goldeneye, <i>Bucephala clangula</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Greenshank, <i>Tringa nebularia</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Grey plover, <i>Pluvialis squatarola</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Knot, <i>Calidris canutus</i>	Favourable	29/03/2022



Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Lapwing, <i>Vanellus vanellus</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Oystercatcher, <i>Haematopus ostralegus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Pochard, <i>Aythya ferina</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Redshank, <i>Tringa totanus</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Ruff, <i>Philomachus pugnax</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Sanderling, <i>Calidris alba</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Shelduck, <i>Tadorna tadorna</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Teal, <i>Anas crecca</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Turnstone, <i>Arenaria interpres</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Whimbrel, <i>Numenius phaeopus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Wigeon, <i>Anas penelope</i>	Unfavourable - Declining	29/03/2022
Avocet, <i>Recurvirostra avosetta</i> - A132-A, nb	Favourable	29/03/2022
Bar-tailed godwit, <i>Limosa lapponica</i> - A157, nb	Unfavourable - Declining	29/03/2022
Bar-tailed godwit, <i>Limosa lapponica</i> - Wintering	-	-
Black-tailed godwit, <i>Limosa limosa</i> - Wintering	-	-
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	Favourable	29/03/2022
Dunlin, <i>Calidris alpina</i> - Passage	-	-
Dunlin, <i>Calidris alpina</i> - Wintering	-	-
Dunlin, <i>Calidris alpina alpina</i> - A672, nb	Unfavourable - No change	29/03/2022
Estuaries	-	-
Estuary	-	-
Golden plover, <i>Pluvialis apricaria</i> - A140, nb	Favourable	29/03/2022
Golden plover, <i>Pluvialis apricaria</i> - Passage	-	-
Golden plover, <i>Pluvialis apricaria</i> - Wintering	-	-
H1130 Estuaries	-	-
H1310 Salicornia and other annuals colonising mud and sand	-	-
H1330 Atlantic salt meadows (<i>Glauco-Puccinellietalia maritima</i>)	-	-
Invert. assemblage M3 saltmarsh, estuary and mudflat	-	-



Feature name	Feature condition	Date of assessment
Knot, <i>Calidris canutus</i> - A143, nb	Favourable	29/03/2022
Knot, <i>Calidris canutus</i> - Passage	-	-
Knot, <i>Calidris canutus</i> - Wintering	-	-
Marsh Harrier, <i>Circus aeruginosus</i> - A081, b	Favourable	21/04/2022
Redshank, <i>Tringa totanus</i> - A162, nb	Unfavourable - Declining	29/03/2022
Redshank, <i>Tringa totanus</i> - Passage	-	-
Redshank, <i>Tringa totanus</i> - Wintering	-	-
Ruff, <i>Calidris pugnax</i> - A151, nb	Unfavourable - No change	29/03/2022
SM4-28 - Saltmarsh	Unfavourable - Recovering	10/08/2010
Shelduck, <i>Tadorna tadorna</i> - A048, nb	Favourable	29/03/2022
Shelduck, <i>Tadorna tadorna</i> - Wintering	-	-
Waterbird assemblage - Wintering	-	-
Waterbird assemblage	Favourable	29/03/2022

ID: 9
 Location: 228m NE
 SSSI name: Humber Estuary
 Unit name: Barton Central Flats
 Broad habitat: Littoral Sediment
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Avocet, <i>Recurvirostra avosetta</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Bar-tailed godwit, <i>Limosa lapponica</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Black-tailed godwit, <i>Limosa limosa islandica</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Brent goose (dark-bellied), <i>Branta bernicla bernicla</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Curlew, <i>Numenius arquata</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Dunlin, <i>Calidris alpina alpina</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Golden plover, <i>Pluvialis apricaria</i>	Favourable	29/03/2022



Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Goldeneye, Bucephala clangula	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Greenshank, Tringa nebularia	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Grey plover, Pluvialis squatarola	Favourable	29/03/2022
Aggregations of non-breeding birds - Knot, Calidris canutus	Favourable	29/03/2022
Aggregations of non-breeding birds - Lapwing, Vanellus vanellus	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Oystercatcher, Haematopus ostralegus	Favourable	29/03/2022
Aggregations of non-breeding birds - Pochard, Aythya ferina	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Redshank, Tringa totanus	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Ruff, Philomachus pugnax	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Sanderling, Calidris alba	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Shelduck, Tadorna tadorna	Favourable	29/03/2022
Aggregations of non-breeding birds - Teal, Anas crecca	Favourable	29/03/2022
Aggregations of non-breeding birds - Turnstone, Arenaria interpres	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Whimbrel, Numenius phaeopus	Favourable	29/03/2022
Aggregations of non-breeding birds - Wigeon, Anas penelope	Unfavourable - Declining	29/03/2022
Avocet, Recurvirostra avosetta - A132-A, nb	Favourable	29/03/2022
Bar-tailed godwit, Limosa lapponica - A157, nb	Unfavourable - Declining	29/03/2022
Bar-tailed godwit, Limosa lapponica - Wintering	-	-
Black-tailed godwit, Limosa limosa - Wintering	-	-
Black-tailed godwit, Limosa limosa islandica - A616, nb	Favourable	29/03/2022
Dunlin, Calidris alpina - Passage	-	-
Dunlin, Calidris alpina - Wintering	-	-
Dunlin, Calidris alpina alpina - A672, nb	Unfavourable - No change	29/03/2022
Estuaries	-	-
Estuary	-	-
Golden plover, Pluvialis apricaria - A140, nb	Favourable	29/03/2022
Golden plover, Pluvialis apricaria - Passage	-	-
Golden plover, Pluvialis apricaria - Wintering	-	-



Feature name	Feature condition	Date of assessment
H1130 Estuaries	-	-
H1140 Mudflats and sandflats not covered by seawater at low tide	-	-
Knot, Calidris canutus - A143, nb	Favourable	29/03/2022
Knot, Calidris canutus - Passage	-	-
Knot, Calidris canutus - Wintering	-	-
Littoral sediment	Unfavourable - Recovering	21/12/2010
Redshank, Tringa totanus - A162, nb	Unfavourable - Declining	29/03/2022
Redshank, Tringa totanus - Passage	-	-
Redshank, Tringa totanus - Wintering	-	-
River lamprey, Lampetra fluviatilis - Passage	-	-
River lamprey, Lampetra fluviatilis	-	-
Ruff, Calidris pugnax - A151, nb	Unfavourable - No change	29/03/2022
S1095 Sea lamprey, Petromyzon marinus	-	-
S1099 River lamprey, Lampetra fluviatilis	-	-
Sea lamprey, Petromyzon marinus - Passage	-	-
Sea lamprey, Petromyzon marinus	-	-
Shelduck, Tadorna tadorna - A048, nb	Favourable	29/03/2022
Shelduck, Tadorna tadorna - Wintering	-	-
Waterbird assemblage - Wintering	-	-
Waterbird assemblage	Favourable	29/03/2022

ID: 10
 Location: 423m W
 SSSI name: Humber Estuary
 Unit name: Outdoor Pursuits Pit
 Broad habitat: Standing Open Water And Canals
 Condition: Unfavourable - Declining
 Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Avocet, Recurvirostra avosetta	Favourable	29/03/2022



Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Bar-tailed godwit, <i>Limosa lapponica</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Bittern, <i>Botaurus stellaris</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Black-tailed godwit, <i>Limosa limosa islandica</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Brent goose (dark-bellied), <i>Branta bernicla bernicla</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Curlew, <i>Numenius arquata</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Dunlin, <i>Calidris alpina alpina</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Golden plover, <i>Pluvialis apricaria</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Goldeneye, <i>Bucephala clangula</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Greenshank, <i>Tringa nebularia</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Grey plover, <i>Pluvialis squatarola</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Knot, <i>Calidris canutus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Lapwing, <i>Vanellus vanellus</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Oystercatcher, <i>Haematopus ostralegus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Pochard, <i>Aythya ferina</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Redshank, <i>Tringa totanus</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Ruff, <i>Philomachus pugnax</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Sanderling, <i>Calidris alba</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Scaup, <i>Aythya marila</i>	Unfavourable - Recovering	29/03/2022
Aggregations of non-breeding birds - Shelduck, <i>Tadorna tadorna</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Teal, <i>Anas crecca</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Whimbrel, <i>Numenius phaeopus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Wigeon, <i>Anas penelope</i>	Unfavourable - Declining	29/03/2022
Assemblages of breeding birds - Lowland open waters and their margins	Favourable	21/04/2022
Avocet, <i>Recurvirostra avosetta</i> - A132-A, nb	Favourable	29/03/2022
Bar-tailed godwit, <i>Limosa lapponica</i> - A157, nb	Unfavourable - Declining	29/03/2022
Bar-tailed godwit, <i>Limosa lapponica</i> - Wintering	-	-
Bittern, <i>Botaurus stellaris</i> - A021, b	Favourable	21/04/2022



Feature name	Feature condition	Date of assessment
Bittern, Botaurus stellaris - A021, nb	Favourable	29/03/2022
Black-tailed godwit, Limosa limosa - Wintering	-	-
Black-tailed godwit, Limosa limosa islandica - A616, nb	Favourable	29/03/2022
Dunlin, Calidris alpina - Passage	-	-
Dunlin, Calidris alpina - Wintering	-	-
Dunlin, Calidris alpina alpina - A672, nb	Unfavourable - No change	29/03/2022
Eutrophic lakes	Unfavourable - Declining	18/07/2013
Golden plover, Pluvialis apricaria - A140, nb	Favourable	29/03/2022
Golden plover, Pluvialis apricaria - Passage	-	-
Golden plover, Pluvialis apricaria - Wintering	-	-
Invert. assemblage M3 saltmarsh, estuary and mudflat	-	-
Knot, Calidris canutus - A143, nb	Favourable	29/03/2022
Knot, Calidris canutus - Passage	-	-
Knot, Calidris canutus - Wintering	-	-
Marsh Harrier, Circus aeruginosus - A081, b	Favourable	21/04/2022
Redshank, Tringa totanus - A162, nb	Unfavourable - Declining	29/03/2022
Redshank, Tringa totanus - Passage	-	-
Redshank, Tringa totanus - Wintering	-	-
Ruff, Calidris pugnax - A151, nb	Unfavourable - No change	29/03/2022
Shelduck, Tadorna tadorna - A048, nb	Favourable	29/03/2022
Shelduck, Tadorna tadorna - Wintering	-	-
Waterbird assemblage - Wintering	-	-
Waterbird assemblage	Favourable	29/03/2022

ID: 11
Location: 571m N
SSSI name: Humber Estuary
Unit name: South Channel Barton
Broad habitat: Littoral Sediment
Condition: Unfavourable - Recovering
Reportable features:



Feature name	Feature condition	Date of assessment
Estuaries	Unfavourable - Recovering	06/04/2010
Estuary	-	-
H1110 Sandbanks which are slightly covered by sea water all the time	-	-
H1130 Estuaries	-	-
River lamprey, Lampetra fluviatilis - Passage	-	-
River lamprey, Lampetra fluviatilis	Unfavourable - Recovering	06/04/2010
S1095 Sea lamprey, Petromyzon marinus	-	-
S1099 River lamprey, Lampetra fluviatilis	-	-
Sea lamprey, Petromyzon marinus - Passage	-	-
Sea lamprey, Petromyzon marinus	Unfavourable - Recovering	06/04/2010
Waterbird assemblage - Wintering	-	-

ID: 14
Location: 734m NE
SSSI name: Humber Estuary
Unit name: Humber Bridge To Grimsby Dock Subtidal
Broad habitat: Littoral Sediment
Condition: Unfavourable - Recovering
Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Pochard, Aythya ferina	Unfavourable - Declining	29/03/2022
Estuaries	Unfavourable - Recovering	21/12/2010
Estuary	-	-
H1110 Sandbanks which are slightly covered by sea water all the time	-	-
H1130 Estuaries	-	-
River lamprey, Lampetra fluviatilis - Passage	-	-
River lamprey, Lampetra fluviatilis	Unfavourable - Recovering	21/12/2010
S1095 Sea lamprey, Petromyzon marinus	-	-
S1099 River lamprey, Lampetra fluviatilis	-	-
Sea lamprey, Petromyzon marinus - Passage	-	-



Feature name	Feature condition	Date of assessment
Sea lamprey, <i>Petromyzon marinus</i>	Unfavourable - Recovering	21/12/2010
Waterbird assemblage - Wintering	-	-

ID: 15
 Location: 752m W
 SSSI name: Humber Estuary
 Unit name: Westfield Lakes
 Broad habitat: Standing Open Water And Canals
 Condition: Unfavourable - Declining
 Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Avocet, <i>Recurvirostra avosetta</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Bar-tailed godwit, <i>Limosa lapponica</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Bittern, <i>Botaurus stellaris</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Black-tailed godwit, <i>Limosa limosa islandica</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Brent goose (dark-bellied), <i>Branta bernicla bernicla</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Curlew, <i>Numenius arquata</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Dunlin, <i>Calidris alpina alpina</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Golden plover, <i>Pluvialis apricaria</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Goldeneye, <i>Bucephala clangula</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Greenshank, <i>Tringa nebularia</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Grey plover, <i>Pluvialis squatarola</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Knot, <i>Calidris canutus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Lapwing, <i>Vanellus vanellus</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Oystercatcher, <i>Haematopus ostralegus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Pochard, <i>Aythya ferina</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Redshank, <i>Tringa totanus</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Ruff, <i>Philomachus pugnax</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Sanderling, <i>Calidris alba</i>	Unfavourable - No change	29/03/2022



Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Scaup, <i>Aythya marila</i>	Unfavourable - Recovering	29/03/2022
Aggregations of non-breeding birds - Shelduck, <i>Tadorna tadorna</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Teal, <i>Anas crecca</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Whimbrel, <i>Numenius phaeopus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Wigeon, <i>Anas penelope</i>	Unfavourable - Declining	29/03/2022
Assemblages of breeding birds - Lowland open waters and their margins	Favourable	21/04/2022
Avocet, <i>Recurvirostra avosetta</i> - A132-A, nb	Favourable	29/03/2022
Bar-tailed godwit, <i>Limosa lapponica</i> - A157, nb	Unfavourable - Declining	29/03/2022
Bar-tailed godwit, <i>Limosa lapponica</i> - Wintering	-	-
Bittern, <i>Botaurus stellaris</i> - A021, b	Favourable	21/04/2022
Bittern, <i>Botaurus stellaris</i> - A021, nb	Favourable	29/03/2022
Black-tailed godwit, <i>Limosa limosa</i> - Wintering	-	-
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	Favourable	29/03/2022
Dunlin, <i>Calidris alpina</i> - Passage	-	-
Dunlin, <i>Calidris alpina</i> - Wintering	-	-
Dunlin, <i>Calidris alpina alpina</i> - A672, nb	Unfavourable - No change	29/03/2022
Eutrophic lakes	Unfavourable - Declining	18/07/2013
Golden plover, <i>Pluvialis apricaria</i> - A140, nb	Favourable	29/03/2022
Golden plover, <i>Pluvialis apricaria</i> - Passage	-	-
Golden plover, <i>Pluvialis apricaria</i> - Wintering	-	-
Invert. assemblage M3 saltmarsh, estuary and mudflat	-	-
Knot, <i>Calidris canutus</i> - A143, nb	Favourable	29/03/2022
Knot, <i>Calidris canutus</i> - Passage	-	-
Knot, <i>Calidris canutus</i> - Wintering	-	-
Marsh Harrier, <i>Circus aeruginosus</i> - A081, b	Favourable	21/04/2022
Redshank, <i>Tringa totanus</i> - A162, nb	Unfavourable - Declining	29/03/2022
Redshank, <i>Tringa totanus</i> - Passage	-	-
Redshank, <i>Tringa totanus</i> - Wintering	-	-



Feature name	Feature condition	Date of assessment
Ruff, <i>Calidris pugnax</i> - A151, nb	Unfavourable - No change	29/03/2022
Shelduck, <i>Tadorna tadorna</i> - A048, nb	Favourable	29/03/2022
Shelduck, <i>Tadorna tadorna</i> - Wintering	-	-
Waterbird assemblage - Wintering	-	-
Waterbird assemblage	Favourable	29/03/2022

ID: 17
 Location: 821m SW
 SSSI name: Humber Estuary
 Unit name: Far Ings East Drain
 Broad habitat: Boundary And Linear Features
 Condition: Favourable
 Reportable features:

Feature name	Feature condition	Date of assessment
Assemblages of breeding birds - Lowland open waters and their margins	Favourable	21/04/2022
Eutrophic lakes	-	-
Invert. assemblage W2 mineral marsh & open water	-	-

ID: A
 Location: 849m E
 SSSI name: Humber Estuary
 Unit name: Watersedge West Pit
 Broad habitat: Standing Open Water And Canals
 Condition: Unfavourable - Declining
 Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Bittern, <i>Botaurus stellaris</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Golden plover, <i>Pluvialis apricaria</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Goldeneye, <i>Bucephala clangula</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Oystercatcher, <i>Haematopus ostralegus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Pochard, <i>Aythya ferina</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Scaup, <i>Aythya marila</i>	Unfavourable - Recovering	29/03/2022



Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Shelduck, Tadorna tadorna	Favourable	29/03/2022
Aggregations of non-breeding birds - Teal, Anas crecca	Favourable	29/03/2022
Aggregations of non-breeding birds - Wigeon, Anas penelope	Unfavourable - Declining	29/03/2022
Assemblages of breeding birds - Lowland open waters and their margins	Favourable	21/04/2022
Bittern, Botaurus stellaris - A021, nb	Favourable	29/03/2022
Eutrophic lakes	Unfavourable - Declining	18/07/2013
Invert. assemblage M3 saltmarsh, estuary and mudflat	-	-
Marsh Harrier, Circus aeruginosus - A081, b	Favourable	21/04/2022
Shelduck, Tadorna tadorna - A048, nb	Favourable	29/03/2022
Shelduck, Tadorna tadorna - Wintering	-	-
Waterbird assemblage - Wintering	-	-
Waterbird assemblage	Favourable	29/03/2022

ID: 18
Location: 1093m W
SSSI name: Humber Estuary
Unit name: Far Ings
Broad habitat: Standing Open Water And Canals
Condition: Unfavourable - Declining
Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Avocet, Recurvirostra avosetta	Favourable	29/03/2022
Aggregations of non-breeding birds - Bar-tailed godwit, Limosa lapponica	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Bittern, Botaurus stellaris	Favourable	29/03/2022
Aggregations of non-breeding birds - Black-tailed godwit, Limosa limosa islandica	Favourable	29/03/2022
Aggregations of non-breeding birds - Brent goose (dark-bellied), Branta bernicla bernicla	Favourable	29/03/2022
Aggregations of non-breeding birds - Curlew, Numenius arquata	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Dunlin, Calidris alpina alpina	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Golden plover, Pluvialis apricaria	Favourable	29/03/2022



Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Goldeneye, <i>Bucephala clangula</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Greenshank, <i>Tringa nebularia</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Grey plover, <i>Pluvialis squatarola</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Knot, <i>Calidris canutus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Lapwing, <i>Vanellus vanellus</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Oystercatcher, <i>Haematopus ostralegus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Pochard, <i>Aythya ferina</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Redshank, <i>Tringa totanus</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Ruff, <i>Philomachus pugnax</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Sanderling, <i>Calidris alba</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Scaup, <i>Aythya marila</i>	Unfavourable - Recovering	29/03/2022
Aggregations of non-breeding birds - Shelduck, <i>Tadorna tadorna</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Teal, <i>Anas crecca</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Whimbrel, <i>Numenius phaeopus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Wigeon, <i>Anas penelope</i>	Unfavourable - Declining	29/03/2022
Assemblages of breeding birds - Lowland open waters and their margins	Favourable	21/04/2022
Avocet, <i>Recurvirostra avosetta</i> - A132-A, b	Favourable	17/01/2023
Avocet, <i>Recurvirostra avosetta</i> - A132-A, nb	Favourable	29/03/2022
Bar-tailed godwit, <i>Limosa lapponica</i> - A157, nb	Unfavourable - Declining	29/03/2022
Bar-tailed godwit, <i>Limosa lapponica</i> - Wintering	-	-
Bittern, <i>Botaurus stellaris</i> - A021, b	Favourable	21/04/2022
Bittern, <i>Botaurus stellaris</i> - A021, nb	Favourable	29/03/2022
Black-tailed godwit, <i>Limosa limosa</i> - Wintering	-	-
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	Favourable	29/03/2022
Dunlin, <i>Calidris alpina</i> - Passage	-	-
Dunlin, <i>Calidris alpina</i> - Wintering	-	-
Dunlin, <i>Calidris alpina alpina</i> - A672, nb	Unfavourable - No change	29/03/2022
Estuary	-	-



Feature name	Feature condition	Date of assessment
Eutrophic lakes	Unfavourable - Declining	20/03/2015
Golden plover, <i>Pluvialis apricaria</i> - A140, nb	Favourable	29/03/2022
Golden plover, <i>Pluvialis apricaria</i> - Passage	-	-
Golden plover, <i>Pluvialis apricaria</i> - Wintering	-	-
Invert. assemblage M3 saltmarsh, estuary and mudflat	-	-
Invert. assemblage W2 mineral marsh & open water	-	-
Knot, <i>Calidris canutus</i> - A143, nb	Favourable	29/03/2022
Knot, <i>Calidris canutus</i> - Passage	-	-
Knot, <i>Calidris canutus</i> - Wintering	-	-
Marsh Harrier, <i>Circus aeruginosus</i> - A081, b	Favourable	21/04/2022
Redshank, <i>Tringa totanus</i> - A162, nb	Unfavourable - Declining	29/03/2022
Redshank, <i>Tringa totanus</i> - Passage	-	-
Redshank, <i>Tringa totanus</i> - Wintering	-	-
Ruff, <i>Calidris pugnax</i> - A151, nb	Unfavourable - No change	29/03/2022
Shelduck, <i>Tadorna tadorna</i> - A048, nb	Favourable	29/03/2022
Shelduck, <i>Tadorna tadorna</i> - Wintering	-	-
Waterbird assemblage - Wintering	-	-
Waterbird assemblage	Favourable	29/03/2022

ID: 19
Location: 1099m E
SSSI name: Humber Estuary
Unit name: Watersedge East Pit
Broad habitat: Standing Open Water And Canals
Condition: Unfavourable - Declining
Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Bittern, <i>Botaurus stellaris</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Curlew, <i>Numenius arquata</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Dunlin, <i>Calidris alpina alpina</i>	Unfavourable - No change	29/03/2022



Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Golden plover, <i>Pluvialis apricaria</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Goldeneye, <i>Bucephala clangula</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Greenshank, <i>Tringa nebularia</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Grey plover, <i>Pluvialis squatarola</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Lapwing, <i>Vanellus vanellus</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Oystercatcher, <i>Haematopus ostralegus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Pochard, <i>Aythya ferina</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Ringed plover, <i>Charadrius hiaticula</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Ruff, <i>Philomachus pugnax</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Scaup, <i>Aythya marila</i>	Unfavourable - Recovering	29/03/2022
Aggregations of non-breeding birds - Shelduck, <i>Tadorna tadorna</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Teal, <i>Anas crecca</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Whimbrel, <i>Numenius phaeopus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Wigeon, <i>Anas penelope</i>	Unfavourable - Declining	29/03/2022
Assemblages of breeding birds - Lowland open waters and their margins	Favourable	21/04/2022
Bittern, <i>Botaurus stellaris</i> - A021, nb	Favourable	29/03/2022
Eutrophic lakes	Unfavourable - Declining	18/07/2013
Invert. assemblage M3 saltmarsh, estuary and mudflat	-	-
Marsh Harrier, <i>Circus aeruginosus</i> - A081, b	Favourable	21/04/2022
Shelduck, <i>Tadorna tadorna</i> - A048, nb	Favourable	29/03/2022
Shelduck, <i>Tadorna tadorna</i> - Wintering	-	-
Waterbird assemblage - Wintering	-	-
Waterbird assemblage	Favourable	29/03/2022

ID: 20
 Location: 1173m SW
 SSSI name: Humber Estuary
 Unit name: Blow Wells Plantation
 Broad habitat: Boundary And Linear Features
 Condition: Favourable
 Reportable features:



Feature name	Feature condition	Date of assessment
Assemblages of breeding birds - Lowland open waters and their margins	Favourable	21/04/2022
Eutrophic lakes	-	-
Invert. assemblage W2 mineral marsh & open water	-	-

ID: 21
 Location: 1195m W
 SSSI name: Humber Estuary
 Unit name: Far Ings West Drain
 Broad habitat: Boundary And Linear Features
 Condition: Favourable
 Reportable features:

Feature name	Feature condition	Date of assessment
Assemblages of breeding birds - Lowland open waters and their margins	Favourable	21/04/2022
Eutrophic lakes	-	-
Invert. assemblage W2 mineral marsh & open water	-	-

ID: 22
 Location: 1196m N
 SSSI name: Humber Estuary
 Unit name: Blacktoft Channel North
 Broad habitat: Littoral Sediment
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Avocet, <i>Recurvirostra avosetta</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Bar-tailed godwit, <i>Limosa lapponica</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Black-tailed godwit, <i>Limosa limosa islandica</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Brent goose (dark-bellied), <i>Branta bernicla bernicla</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Curlew, <i>Numenius arquata</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Dunlin, <i>Calidris alpina alpina</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Golden plover, <i>Pluvialis apricaria</i>	Favourable	29/03/2022



Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Greenshank, <i>Tringa nebularia</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Grey plover, <i>Pluvialis squatarola</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Knot, <i>Calidris canutus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Lapwing, <i>Vanellus vanellus</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Pochard, <i>Aythya ferina</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Redshank, <i>Tringa totanus</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Ruff, <i>Philomachus pugnax</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Sanderling, <i>Calidris alba</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Shelduck, <i>Tadorna tadorna</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Teal, <i>Anas crecca</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Whimbrel, <i>Numenius phaeopus</i>	Favourable	29/03/2022
Avocet, <i>Recurvirostra avosetta</i> - A132-A, nb	Favourable	29/03/2022
Bar-tailed godwit, <i>Limosa lapponica</i> - A157, nb	Unfavourable - Declining	29/03/2022
Bar-tailed godwit, <i>Limosa lapponica</i> - Wintering	-	-
Black-tailed godwit, <i>Limosa limosa</i> - Wintering	-	-
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	Favourable	29/03/2022
Dunlin, <i>Calidris alpina</i> - Passage	-	-
Dunlin, <i>Calidris alpina</i> - Wintering	-	-
Dunlin, <i>Calidris alpina alpina</i> - A672, nb	Unfavourable - No change	29/03/2022
Estuaries	Unfavourable - Recovering	21/12/2010
Estuary	-	-
Golden plover, <i>Pluvialis apricaria</i> - A140, nb	Favourable	29/03/2022
Golden plover, <i>Pluvialis apricaria</i> - Passage	-	-
Golden plover, <i>Pluvialis apricaria</i> - Wintering	-	-
H1110 Sandbanks which are slightly covered by sea water all the time	-	-
H1130 Estuaries	-	-
H1140 Mudflats and sandflats not covered by seawater at low tide	-	-
Knot, <i>Calidris canutus</i> - A143, nb	Favourable	29/03/2022



Feature name	Feature condition	Date of assessment
Knot, Calidris canutus - Passage	-	-
Knot, Calidris canutus - Wintering	-	-
Littoral sediment	-	-
Marsh Harrier, Circus aeruginosus - A081, b	Favourable	21/04/2022
Redshank, Tringa totanus - A162, nb	Unfavourable - Declining	29/03/2022
Redshank, Tringa totanus - Passage	-	-
Redshank, Tringa totanus - Wintering	-	-
River lamprey, Lampetra fluviatilis - Passage	-	-
River lamprey, Lampetra fluviatilis	Unfavourable - Recovering	21/12/2010
Ruff, Calidris pugnax - A151, nb	Unfavourable - No change	29/03/2022
S1095 Sea lamprey, Petromyzon marinus	-	-
S1099 River lamprey, Lampetra fluviatilis	-	-
Sea lamprey, Petromyzon marinus - Passage	-	-
Sea lamprey, Petromyzon marinus	Unfavourable - Recovering	21/12/2010
Shelduck, Tadorna tadorna - A048, nb	Favourable	29/03/2022
Shelduck, Tadorna tadorna - Wintering	-	-
Waterbird assemblage - Wintering	-	-
Waterbird assemblage	Favourable	29/03/2022

ID: -
 Location: 1269m E
 SSSI name: Humber Estuary
 Unit name: Pasture House Fishery
 Broad habitat: Standing Open Water And Canals
 Condition: Unfavourable - Declining
 Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Bittern, Botaurus stellaris	Favourable	29/03/2022
Aggregations of non-breeding birds - Curlew, Numenius arquata	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Dunlin, Calidris alpina alpina	Unfavourable - No change	29/03/2022

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Golden plover, <i>Pluvialis apricaria</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Goldeneye, <i>Bucephala clangula</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Greenshank, <i>Tringa nebularia</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Grey plover, <i>Pluvialis squatarola</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Lapwing, <i>Vanellus vanellus</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Oystercatcher, <i>Haematopus ostralegus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Pochard, <i>Aythya ferina</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Ringed plover, <i>Charadrius hiaticula</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Ruff, <i>Philomachus pugnax</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Scaup, <i>Aythya marila</i>	Unfavourable - Recovering	29/03/2022
Aggregations of non-breeding birds - Shelduck, <i>Tadorna tadorna</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Teal, <i>Anas crecca</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Whimbrel, <i>Numenius phaeopus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Wigeon, <i>Anas penelope</i>	Unfavourable - Declining	29/03/2022
Assemblages of breeding birds - Lowland open waters and their margins	Favourable	21/04/2022
Bittern, <i>Botaurus stellaris</i> - A021, nb	Favourable	29/03/2022
Eutrophic lakes	Unfavourable - Declining	20/03/2015
Invert. assemblage M3 saltmarsh, estuary and mudflat	-	-
Marsh Harrier, <i>Circus aeruginosus</i> - A081, b	Favourable	21/04/2022
Shelduck, <i>Tadorna tadorna</i> - A048, nb	Favourable	29/03/2022
Shelduck, <i>Tadorna tadorna</i> - Wintering	-	-
Waterbird assemblage - Wintering	-	-
Waterbird assemblage	Favourable	29/03/2022

ID: -
 Location: 1352m E
 SSSI name: Humber Estuary
 Unit name: Jubilee Pit
 Broad habitat: Standing Open Water And Canals
 Condition: Unfavourable - No change
 Reportable features:



Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Bittern, Botaurus stellaris	Favourable	29/03/2022
Aggregations of non-breeding birds - Curlew, Numenius arquata	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Dunlin, Calidris alpina alpina	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Golden plover, Pluvialis apricaria	Favourable	29/03/2022
Aggregations of non-breeding birds - Goldeneye, Bucephala clangula	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Greenshank, Tringa nebularia	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Grey plover, Pluvialis squatarola	Favourable	29/03/2022
Aggregations of non-breeding birds - Lapwing, Vanellus vanellus	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Oystercatcher, Haematopus ostralegus	Favourable	29/03/2022
Aggregations of non-breeding birds - Pochard, Aythya ferina	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Ringed plover, Charadrius hiaticula	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Ruff, Philomachus pugnax	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Scaup, Aythya marila	Unfavourable - Recovering	29/03/2022
Aggregations of non-breeding birds - Shelduck, Tadorna tadorna	Favourable	29/03/2022
Aggregations of non-breeding birds - Teal, Anas crecca	Favourable	29/03/2022
Aggregations of non-breeding birds - Whimbrel, Numenius phaeopus	Favourable	29/03/2022
Aggregations of non-breeding birds - Wigeon, Anas penelope	Unfavourable - Declining	29/03/2022
Assemblages of breeding birds - Lowland open waters and their margins	Favourable	21/04/2022
Bittern, Botaurus stellaris - A021, nb	Favourable	29/03/2022
Eutrophic lakes	Unfavourable - No change	18/07/2013
Invert. assemblage M3 saltmarsh, estuary and mudflat	-	-
Marsh Harrier, Circus aeruginosus - A081, b	Favourable	21/04/2022
Shelduck, Tadorna tadorna - A048, nb	Favourable	29/03/2022
Shelduck, Tadorna tadorna - Wintering	-	-
Waterbird assemblage - Wintering	-	-
Waterbird assemblage	Favourable	29/03/2022

ID: -
 Location: 1361m E
 SSSI name: Humber Estuary
 Unit name: Victory
 Broad habitat: Standing Open Water And Canals
 Condition: Unfavourable - Declining
 Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Bittern, Botaurus stellaris	Favourable	29/03/2022
Aggregations of non-breeding birds - Curlew, Numenius arquata	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Dunlin, Calidris alpina alpina	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Golden plover, Pluvialis apricaria	Favourable	29/03/2022
Aggregations of non-breeding birds - Goldeneye, Bucephala clangula	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Greenshank, Tringa nebularia	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Grey plover, Pluvialis squatarola	Favourable	29/03/2022
Aggregations of non-breeding birds - Lapwing, Vanellus vanellus	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Oystercatcher, Haematopus ostralegus	Favourable	29/03/2022
Aggregations of non-breeding birds - Pochard, Aythya ferina	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Ringed plover, Charadrius hiaticula	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Ruff, Philomachus pugnax	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Scaup, Aythya marila	Unfavourable - Recovering	29/03/2022
Aggregations of non-breeding birds - Shelduck, Tadorna tadorna	Favourable	29/03/2022
Aggregations of non-breeding birds - Teal, Anas crecca	Favourable	29/03/2022
Aggregations of non-breeding birds - Whimbrel, Numenius phaeopus	Favourable	29/03/2022
Aggregations of non-breeding birds - Wigeon, Anas penelope	Unfavourable - Declining	29/03/2022
Assemblages of breeding birds - Lowland open waters and their margins	Favourable	21/04/2022
Bittern, Botaurus stellaris - A021, nb	Favourable	29/03/2022
Eutrophic lakes	Unfavourable - Declining	18/07/2013
Invert. assemblage M3 saltmarsh, estuary and mudflat	-	-
Marsh Harrier, Circus aeruginosus - A081, b	Favourable	21/04/2022
Shelduck, Tadorna tadorna - A048, nb	Favourable	29/03/2022



Feature name	Feature condition	Date of assessment
Shelduck, Tadorna tadorna - Wintering	-	-
Waterbird assemblage - Wintering	-	-
Waterbird assemblage	Favourable	29/03/2022

ID: -
 Location: 1361m E
 SSSI name: Humber Estuary
 Unit name: Carp Fishery
 Broad habitat: Standing Open Water And Canals
 Condition: Unfavourable - Declining
 Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Bittern, Botaurus stellaris	Favourable	29/03/2022
Aggregations of non-breeding birds - Curlew, Numenius arquata	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Dunlin, Calidris alpina alpina	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Golden plover, Pluvialis apricaria	Favourable	29/03/2022
Aggregations of non-breeding birds - Goldeneye, Bucephala clangula	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Greenshank, Tringa nebularia	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Grey plover, Pluvialis squatarola	Favourable	29/03/2022
Aggregations of non-breeding birds - Lapwing, Vanellus vanellus	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Oystercatcher, Haematopus ostralegus	Favourable	29/03/2022
Aggregations of non-breeding birds - Pochard, Aythya ferina	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Ringed plover, Charadrius hiaticula	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Ruff, Philomachus pugnax	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Scaup, Aythya marila	Unfavourable - Recovering	29/03/2022
Aggregations of non-breeding birds - Shelduck, Tadorna tadorna	Favourable	29/03/2022
Aggregations of non-breeding birds - Teal, Anas crecca	Favourable	29/03/2022
Aggregations of non-breeding birds - Whimbrel, Numenius phaeopus	Favourable	29/03/2022
Aggregations of non-breeding birds - Wigeon, Anas penelope	Unfavourable - Declining	29/03/2022
Assemblages of breeding birds - Lowland open waters and their margins	Favourable	21/04/2022



Feature name	Feature condition	Date of assessment
Bittern, Botaurus stellaris - A021, nb	Favourable	29/03/2022
Eutrophic lakes	Unfavourable - Declining	18/07/2013
Invert. assemblage M3 saltmarsh, estuary and mudflat	-	-
Marsh Harrier, Circus aeruginosus - A081, b	Favourable	21/04/2022
Shelduck, Tadorna tadorna - A048, nb	Favourable	29/03/2022
Shelduck, Tadorna tadorna - Wintering	-	-
Waterbird assemblage - Wintering	-	-
Waterbird assemblage	Favourable	29/03/2022

ID: -
 Location: 1383m E
 SSSI name: Humber Estuary
 Unit name: Pioneer
 Broad habitat: Standing Open Water And Canals
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Bittern, Botaurus stellaris	Favourable	29/03/2022
Aggregations of non-breeding birds - Curlew, Numenius arquata	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Dunlin, Calidris alpina alpina	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Golden plover, Pluvialis apricaria	Favourable	29/03/2022
Aggregations of non-breeding birds - Goldeneye, Bucephala clangula	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Greenshank, Tringa nebularia	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Grey plover, Pluvialis squatarola	Favourable	29/03/2022
Aggregations of non-breeding birds - Lapwing, Vanellus vanellus	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Oystercatcher, Haematopus ostralegus	Favourable	29/03/2022
Aggregations of non-breeding birds - Pochard, Aythya ferina	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Ringed plover, Charadrius hiaticula	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Ruff, Philomachus pugnax	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Scaup, Aythya marila	Unfavourable - Recovering	29/03/2022



Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Shelduck, <i>Tadorna tadorna</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Teal, <i>Anas crecca</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Whimbrel, <i>Numenius phaeopus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Wigeon, <i>Anas penelope</i>	Unfavourable - Declining	29/03/2022
Assemblages of breeding birds - Lowland open waters and their margins	Favourable	21/04/2022
Bittern, <i>Botaurus stellaris</i> - A021, nb	Favourable	29/03/2022
Eutrophic lakes	Unfavourable - Recovering	18/07/2013
Invert. assemblage M3 saltmarsh, estuary and mudflat	-	-
Invert. assemblage W2 mineral marsh & open water	-	-
Marsh Harrier, <i>Circus aeruginosus</i> - A081, b	Favourable	21/04/2022
Shelduck, <i>Tadorna tadorna</i> - A048, nb	Favourable	29/03/2022
Shelduck, <i>Tadorna tadorna</i> - Wintering	-	-
Waterbird assemblage - Wintering	-	-
Waterbird assemblage	Favourable	29/03/2022

ID: -
 Location: 1433m E
 SSSI name: Humber Estuary
 Unit name: Barton Eastern Foreshore
 Broad habitat: Fen, Marsh And Swamp - Lowland
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Avocet, <i>Recurvirostra avosetta</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Bar-tailed godwit, <i>Limosa lapponica</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Black-tailed godwit, <i>Limosa limosa islandica</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Brent goose (dark-bellied), <i>Branta bernicla bernicla</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Curlew, <i>Numenius arquata</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Dunlin, <i>Calidris alpina alpina</i>	Unfavourable - No change	29/03/2022



Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Golden plover, <i>Pluvialis apricaria</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Goldeneye, <i>Bucephala clangula</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Greenshank, <i>Tringa nebularia</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Grey plover, <i>Pluvialis squatarola</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Knot, <i>Calidris canutus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Lapwing, <i>Vanellus vanellus</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Oystercatcher, <i>Haematopus ostralegus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Pochard, <i>Aythya ferina</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Redshank, <i>Tringa totanus</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Ruff, <i>Philomachus pugnax</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Sanderling, <i>Calidris alba</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Scaup, <i>Aythya marila</i>	Unfavourable - Recovering	29/03/2022
Aggregations of non-breeding birds - Shelduck, <i>Tadorna tadorna</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Teal, <i>Anas crecca</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Turnstone, <i>Arenaria interpres</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Whimbrel, <i>Numenius phaeopus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Wigeon, <i>Anas penelope</i>	Unfavourable - Declining	29/03/2022
Avocet, <i>Recurvirostra avosetta</i> - A132-A, nb	Favourable	29/03/2022
Bar-tailed godwit, <i>Limosa lapponica</i> - A157, nb	Unfavourable - Declining	29/03/2022
Bar-tailed godwit, <i>Limosa lapponica</i> - Wintering	-	-
Black-tailed godwit, <i>Limosa limosa</i> - Wintering	-	-
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	Favourable	29/03/2022
Dunlin, <i>Calidris alpina</i> - Passage	-	-
Dunlin, <i>Calidris alpina</i> - Wintering	-	-
Dunlin, <i>Calidris alpina alpina</i> - A672, nb	Unfavourable - No change	29/03/2022
Estuaries	-	-
Estuary	-	-
Golden plover, <i>Pluvialis apricaria</i> - A140, nb	Favourable	29/03/2022



Feature name	Feature condition	Date of assessment
Golden plover, <i>Pluvialis apricaria</i> - Passage	-	-
Golden plover, <i>Pluvialis apricaria</i> - Wintering	-	-
H1130 Estuaries	-	-
H1310 <i>Salicornia</i> and other annuals colonising mud and sand	-	-
H1330 Atlantic salt meadows (<i>Glauco-Puccinellietalia maritimae</i>)	-	-
Invert. assemblage M3 saltmarsh, estuary and mudflat	-	-
Knot, <i>Calidris canutus</i> - A143, nb	Favourable	29/03/2022
Knot, <i>Calidris canutus</i> - Passage	-	-
Knot, <i>Calidris canutus</i> - Wintering	-	-
Marsh Harrier, <i>Circus aeruginosus</i> - A081, b	Favourable	21/04/2022
Redshank, <i>Tringa totanus</i> - A162, nb	Unfavourable - Declining	29/03/2022
Redshank, <i>Tringa totanus</i> - Passage	-	-
Redshank, <i>Tringa totanus</i> - Wintering	-	-
Ruff, <i>Calidris pugnax</i> - A151, nb	Unfavourable - No change	29/03/2022
SM4-28 - Saltmarsh	Favourable	21/12/2010
Shelduck, <i>Tadorna tadorna</i> - A048, nb	Favourable	29/03/2022
Shelduck, <i>Tadorna tadorna</i> - Wintering	-	-
Waterbird assemblage - Wintering	-	-
Waterbird assemblage	Favourable	29/03/2022

ID: -
 Location: 1501m W
 SSSI name: Humber Estuary
 Unit name: Target Lake
 Broad habitat: Standing Open Water And Canals
 Condition: Unfavourable - Declining
 Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Avocet, <i>Recurvirostra avosetta</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Bar-tailed godwit, <i>Limosa lapponica</i>	Unfavourable - Declining	29/03/2022



Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Bittern, Botaurus stellaris	Favourable	29/03/2022
Aggregations of non-breeding birds - Black-tailed godwit, Limosa limosa islandica	Favourable	29/03/2022
Aggregations of non-breeding birds - Brent goose (dark-bellied), Branta bernicla bernicla	Favourable	29/03/2022
Aggregations of non-breeding birds - Curlew, Numenius arquata	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Dunlin, Calidris alpina alpina	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Golden plover, Pluvialis apricaria	Favourable	29/03/2022
Aggregations of non-breeding birds - Goldeneye, Bucephala clangula	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Greenshank, Tringa nebularia	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Grey plover, Pluvialis squatarola	Favourable	29/03/2022
Aggregations of non-breeding birds - Knot, Calidris canutus	Favourable	29/03/2022
Aggregations of non-breeding birds - Lapwing, Vanellus vanellus	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Oystercatcher, Haematopus ostralegus	Favourable	29/03/2022
Aggregations of non-breeding birds - Pochard, Aythya ferina	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Redshank, Tringa totanus	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Ruff, Philomachus pugnax	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Sanderling, Calidris alba	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Scaup, Aythya marila	Unfavourable - Recovering	29/03/2022
Aggregations of non-breeding birds - Shelduck, Tadorna tadorna	Favourable	29/03/2022
Aggregations of non-breeding birds - Teal, Anas crecca	Favourable	29/03/2022
Aggregations of non-breeding birds - Whimbrel, Numenius phaeopus	Favourable	29/03/2022
Aggregations of non-breeding birds - Wigeon, Anas penelope	Unfavourable - Declining	29/03/2022
Assemblages of breeding birds - Lowland open waters and their margins	Favourable	21/04/2022
Avocet, Recurvirostra avosetta - A132-A, nb	Favourable	29/03/2022
Bar-tailed godwit, Limosa lapponica - A157, nb	Unfavourable - Declining	29/03/2022
Bar-tailed godwit, Limosa lapponica - Wintering	-	-
Bittern, Botaurus stellaris - A021, b	Favourable	21/04/2022
Bittern, Botaurus stellaris - A021, nb	Favourable	29/03/2022



Feature name	Feature condition	Date of assessment
Black-tailed godwit, Limosa limosa - Wintering	-	-
Black-tailed godwit, Limosa limosa islandica - A616, nb	Favourable	29/03/2022
Dunlin, Calidris alpina - Passage	-	-
Dunlin, Calidris alpina - Wintering	-	-
Dunlin, Calidris alpina alpina - A672, nb	Unfavourable - No change	29/03/2022
Estuary	-	-
Eutrophic lakes	Unfavourable - Declining	18/07/2013
Golden plover, Pluvialis apricaria - A140, nb	Favourable	29/03/2022
Golden plover, Pluvialis apricaria - Passage	-	-
Golden plover, Pluvialis apricaria - Wintering	-	-
Invert. assemblage M3 saltmarsh, estuary and mudflat	-	-
Invert. assemblage W2 mineral marsh & open water	-	-
Knot, Calidris canutus - A143, nb	Favourable	29/03/2022
Knot, Calidris canutus - Passage	-	-
Knot, Calidris canutus - Wintering	-	-
Marsh Harrier, Circus aeruginosus - A081, b	Favourable	21/04/2022
Redshank, Tringa totanus - A162, nb	Unfavourable - Declining	29/03/2022
Redshank, Tringa totanus - Passage	-	-
Redshank, Tringa totanus - Wintering	-	-
Ruff, Calidris pugnax - A151, nb	Unfavourable - No change	29/03/2022
Shelduck, Tadorna tadorna - A048, nb	Favourable	29/03/2022
Shelduck, Tadorna tadorna - Wintering	-	-
Waterbird assemblage - Wintering	-	-
Waterbird assemblage	Favourable	29/03/2022

ID: -
 Location: 1543m E
 SSSI name: Humber Estuary
 Unit name: Hoe Hill
 Broad habitat: Standing Open Water And Canals
 Condition: Unfavourable - Declining



Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Bittern, Botaurus stellaris	Favourable	29/03/2022
Aggregations of non-breeding birds - Curlew, Numenius arquata	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Dunlin, Calidris alpina alpina	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Golden plover, Pluvialis apricaria	Favourable	29/03/2022
Aggregations of non-breeding birds - Goldeneye, Bucephala clangula	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Greenshank, Tringa nebularia	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Grey plover, Pluvialis squatarola	Favourable	29/03/2022
Aggregations of non-breeding birds - Lapwing, Vanellus vanellus	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Oystercatcher, Haematopus ostralegus	Favourable	29/03/2022
Aggregations of non-breeding birds - Pochard, Aythya ferina	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Ringed plover, Charadrius hiaticula	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Ruff, Philomachus pugnax	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Scaup, Aythya marila	Unfavourable - Recovering	29/03/2022
Aggregations of non-breeding birds - Shelduck, Tadorna tadorna	Favourable	29/03/2022
Aggregations of non-breeding birds - Teal, Anas crecca	Favourable	29/03/2022
Aggregations of non-breeding birds - Whimbrel, Numenius phaeopus	Favourable	29/03/2022
Aggregations of non-breeding birds - Wigeon, Anas penelope	Unfavourable - Declining	29/03/2022
Assemblages of breeding birds - Lowland open waters and their margins	Favourable	21/04/2022
Bittern, Botaurus stellaris - A021, b	Favourable	21/04/2022
Bittern, Botaurus stellaris - A021, nb	Favourable	29/03/2022
Eutrophic lakes	Unfavourable - Declining	20/03/2015
Invert. assemblage M3 saltmarsh, estuary and mudflat	-	-
Marsh Harrier, Circus aeruginosus - A081, b	Favourable	21/04/2022
Shelduck, Tadorna tadorna - A048, nb	Favourable	29/03/2022
Shelduck, Tadorna tadorna - Wintering	-	-
Waterbird assemblage - Wintering	-	-
Waterbird assemblage	Favourable	29/03/2022



ID: -
 Location: 1737m E
 SSSI name: Humber Estuary
 Unit name: Pasture Wharf
 Broad habitat: Standing Open Water And Canals
 Condition: Unfavourable - Declining
 Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Bittern, Botaurus stellaris	Favourable	29/03/2022
Aggregations of non-breeding birds - Curlew, Numenius arquata	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Dunlin, Calidris alpina alpina	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Golden plover, Pluvialis apricaria	Favourable	29/03/2022
Aggregations of non-breeding birds - Goldeneye, Bucephala clangula	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Greenshank, Tringa nebularia	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Grey plover, Pluvialis squatarola	Favourable	29/03/2022
Aggregations of non-breeding birds - Lapwing, Vanellus vanellus	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Oystercatcher, Haematopus ostralegus	Favourable	29/03/2022
Aggregations of non-breeding birds - Pochard, Aythya ferina	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Ringed plover, Charadrius hiaticula	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Ruff, Philomachus pugnax	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Scaup, Aythya marila	Unfavourable - Recovering	29/03/2022
Aggregations of non-breeding birds - Shelduck, Tadorna tadorna	Favourable	29/03/2022
Aggregations of non-breeding birds - Teal, Anas crecca	Favourable	29/03/2022
Aggregations of non-breeding birds - Whimbrel, Numenius phaeopus	Favourable	29/03/2022
Aggregations of non-breeding birds - Wigeon, Anas penelope	Unfavourable - Declining	29/03/2022
Assemblages of breeding birds - Lowland open waters and their margins	Favourable	21/04/2022
Bittern, Botaurus stellaris - A021, b	Favourable	21/04/2022
Bittern, Botaurus stellaris - A021, nb	Favourable	29/03/2022
Eutrophic lakes	Unfavourable - Declining	20/03/2015
Invert. assemblage M3 saltmarsh, estuary and mudflat	-	-
Invert. assemblage W2 mineral marsh & open water	-	-



Feature name	Feature condition	Date of assessment
Marsh Harrier, Circus aeruginosus - A081, b	Favourable	21/04/2022
Shelduck, Tadorna tadorna - A048, nb	Favourable	29/03/2022
Shelduck, Tadorna tadorna - Wintering	-	-
Waterbird assemblage - Wintering	-	-
Waterbird assemblage	Favourable	29/03/2022

ID: -
 Location: 1776m W
 SSSI name: Humber Estuary
 Unit name: Ferriby Cliff
 Broad habitat: Littoral Sediment
 Condition: Favourable
 Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Avocet, Recurvirostra avosetta	Favourable	29/03/2022
Aggregations of non-breeding birds - Bar-tailed godwit, Limosa lapponica	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Black-tailed godwit, Limosa limosa islandica	Favourable	29/03/2022
Aggregations of non-breeding birds - Brent goose (dark-bellied), Branta bernicla bernicla	Favourable	29/03/2022
Aggregations of non-breeding birds - Curlew, Numenius arquata	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Dunlin, Calidris alpina alpina	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Golden plover, Pluvialis apricaria	Favourable	29/03/2022
Aggregations of non-breeding birds - Goldeneye, Bucephala clangula	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Greenshank, Tringa nebularia	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Grey plover, Pluvialis squatarola	Favourable	29/03/2022
Aggregations of non-breeding birds - Knot, Calidris canutus	Favourable	29/03/2022
Aggregations of non-breeding birds - Lapwing, Vanellus vanellus	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Oystercatcher, Haematopus ostralegus	Favourable	29/03/2022
Aggregations of non-breeding birds - Pochard, Aythya ferina	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Redshank, Tringa totanus	Unfavourable - Declining	29/03/2022



Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Ruff, <i>Philomachus pugnax</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Sanderling, <i>Calidris alba</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Shelduck, <i>Tadorna tadorna</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Teal, <i>Anas crecca</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Turnstone, <i>Arenaria interpres</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Whimbrel, <i>Numenius phaeopus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Wigeon, <i>Anas penelope</i>	Unfavourable - Declining	29/03/2022
Avocet, <i>Recurvirostra avosetta</i> - A132-A, nb	Favourable	29/03/2022
Bar-tailed godwit, <i>Limosa lapponica</i> - A157, nb	Unfavourable - Declining	29/03/2022
Bar-tailed godwit, <i>Limosa lapponica</i> - Wintering	-	-
Black-tailed godwit, <i>Limosa limosa</i> - Wintering	-	-
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	Favourable	29/03/2022
Dunlin, <i>Calidris alpina</i> - Passage	-	-
Dunlin, <i>Calidris alpina</i> - Wintering	-	-
Dunlin, <i>Calidris alpina alpina</i> - A672, nb	Unfavourable - No change	29/03/2022
Estuaries	-	-
Estuary	-	-
Golden plover, <i>Pluvialis apricaria</i> - A140, nb	Favourable	29/03/2022
Golden plover, <i>Pluvialis apricaria</i> - Passage	-	-
Golden plover, <i>Pluvialis apricaria</i> - Wintering	-	-
H1130 Estuaries	-	-
H1140 Mudflats and sandflats not covered by seawater at low tide	-	-
H1310 <i>Salicornia</i> and other annuals colonising mud and sand	-	-
H1330 Atlantic salt meadows (<i>Glauco-Puccinellietalia maritimae</i>)	-	-
Invert. assemblage M3 saltmarsh, estuary and mudflat	-	-
Knot, <i>Calidris canutus</i> - A143, nb	Favourable	29/03/2022
Knot, <i>Calidris canutus</i> - Passage	-	-
Knot, <i>Calidris canutus</i> - Wintering	-	-



Feature name	Feature condition	Date of assessment
Littoral sediment	Favourable	07/01/2021
Marsh Harrier, Circus aeruginosus - A081, b	Favourable	21/04/2022
Redshank, Tringa totanus - A162, nb	Unfavourable - Declining	29/03/2022
Redshank, Tringa totanus - Passage	-	-
Redshank, Tringa totanus - Wintering	-	-
Ruff, Calidris pugnax - A151, nb	Unfavourable - No change	29/03/2022
Shelduck, Tadorna tadorna - A048, nb	Favourable	29/03/2022
Shelduck, Tadorna tadorna - Wintering	-	-
Waterbird assemblage - Wintering	-	-
Waterbird assemblage	Favourable	29/03/2022

ID: -
 Location: 1795m W
 SSSI name: Humber Estuary
 Unit name: Whitton Channel South
 Broad habitat: Littoral Sediment
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Avocet, Recurvirostra avosetta	Favourable	29/03/2022
Aggregations of non-breeding birds - Bar-tailed godwit, Limosa lapponica	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Black-tailed godwit, Limosa limosa islandica	Favourable	29/03/2022
Aggregations of non-breeding birds - Brent goose (dark-bellied), Branta bernicla bernicla	Favourable	29/03/2022
Aggregations of non-breeding birds - Curlew, Numenius arquata	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Dunlin, Calidris alpina alpina	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Golden plover, Pluvialis apricaria	Favourable	29/03/2022
Aggregations of non-breeding birds - Greenshank, Tringa nebularia	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Grey plover, Pluvialis squatarola	Favourable	29/03/2022
Aggregations of non-breeding birds - Knot, Calidris canutus	Favourable	29/03/2022



Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Lapwing, <i>Vanellus vanellus</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Pochard, <i>Aythya ferina</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Redshank, <i>Tringa totanus</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Ruff, <i>Philomachus pugnax</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Sanderling, <i>Calidris alba</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Shelduck, <i>Tadorna tadorna</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Teal, <i>Anas crecca</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Whimbrel, <i>Numenius phaeopus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Wigeon, <i>Anas penelope</i>	Unfavourable - Declining	29/03/2022
Avocet, <i>Recurvirostra avosetta</i> - A132-A, nb	Favourable	29/03/2022
Bar-tailed godwit, <i>Limosa lapponica</i> - A157, nb	Unfavourable - Declining	29/03/2022
Bar-tailed godwit, <i>Limosa lapponica</i> - Wintering	-	-
Black-tailed godwit, <i>Limosa limosa</i> - Wintering	-	-
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	Favourable	29/03/2022
Dunlin, <i>Calidris alpina</i> - Passage	-	-
Dunlin, <i>Calidris alpina</i> - Wintering	-	-
Dunlin, <i>Calidris alpina alpina</i> - A672, nb	Unfavourable - No change	29/03/2022
Estuaries	Unfavourable - Recovering	06/04/2010
Estuary	-	-
Golden plover, <i>Pluvialis apricaria</i> - A140, nb	Favourable	29/03/2022
Golden plover, <i>Pluvialis apricaria</i> - Passage	-	-
Golden plover, <i>Pluvialis apricaria</i> - Wintering	-	-
H1110 Sandbanks which are slightly covered by sea water all the time	-	-
H1130 Estuaries	-	-
H1140 Mudflats and sandflats not covered by seawater at low tide	-	-
H1310 Salicornia and other annuals colonising mud and sand	-	-
H1330 Atlantic salt meadows (<i>Glauco-Puccinellietalia maritima</i>)	-	-
Invert. assemblage M3 saltmarsh, estuary and mudflat	-	-



Feature name	Feature condition	Date of assessment
Knot, Calidris canutus - A143, nb	Favourable	29/03/2022
Knot, Calidris canutus - Passage	-	-
Knot, Calidris canutus - Wintering	-	-
Littoral sediment	-	-
Marsh Harrier, Circus aeruginosus - A081, b	Favourable	21/04/2022
Redshank, Tringa totanus - A162, nb	Unfavourable - Declining	29/03/2022
Redshank, Tringa totanus - Passage	-	-
Redshank, Tringa totanus - Wintering	-	-
River lamprey, Lampetra fluviatilis - Passage	-	-
River lamprey, Lampetra fluviatilis	Unfavourable - Recovering	06/04/2010
Ruff, Calidris pugnax - A151, nb	Unfavourable - No change	29/03/2022
S1095 Sea lamprey, Petromyzon marinus	-	-
S1099 River lamprey, Lampetra fluviatilis	-	-
SM4-28 - Saltmarsh	-	-
Sea lamprey, Petromyzon marinus - Passage	-	-
Sea lamprey, Petromyzon marinus	Unfavourable - Recovering	06/04/2010
Shelduck, Tadorna tadorna - A048, nb	Favourable	29/03/2022
Shelduck, Tadorna tadorna - Wintering	-	-
Vascular plant assemblage	-	-
Waterbird assemblage - Wintering	-	-
Waterbird assemblage	Favourable	29/03/2022

ID: -
 Location: 1815m N
 SSSI name: Humber Estuary
 Unit name: Redcliff Sand East
 Broad habitat: Littoral Sediment
 Condition: Unfavourable - Recovering
 Reportable features:



Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Avocet, <i>Recurvirostra avosetta</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Bar-tailed godwit, <i>Limosa lapponica</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Black-tailed godwit, <i>Limosa limosa islandica</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Brent goose (dark-bellied), <i>Branta bernicla bernicla</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Curlew, <i>Numenius arquata</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Dunlin, <i>Calidris alpina alpina</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Golden plover, <i>Pluvialis apricaria</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Greenshank, <i>Tringa nebularia</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Grey plover, <i>Pluvialis squatarola</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Knot, <i>Calidris canutus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Lapwing, <i>Vanellus vanellus</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Oystercatcher, <i>Haematopus ostralegus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Redshank, <i>Tringa totanus</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Ringed plover, <i>Charadrius hiaticula</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Ruff, <i>Philomachus pugnax</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Sanderling, <i>Calidris alba</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Shelduck, <i>Tadorna tadorna</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Teal, <i>Anas crecca</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Turnstone, <i>Arenaria interpres</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Whimbrel, <i>Numenius phaeopus</i>	Favourable	29/03/2022
Avocet, <i>Recurvirostra avosetta</i> - A132-A, nb	Favourable	29/03/2022
Bar-tailed godwit, <i>Limosa lapponica</i> - A157, nb	Unfavourable - Declining	29/03/2022
Bar-tailed godwit, <i>Limosa lapponica</i> - Wintering	-	-
Black-tailed godwit, <i>Limosa limosa</i> - Wintering	-	-
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	Favourable	29/03/2022
Dunlin, <i>Calidris alpina</i> - Passage	-	-
Dunlin, <i>Calidris alpina</i> - Wintering	-	-



Feature name	Feature condition	Date of assessment
Dunlin, <i>Calidris alpina alpina</i> - A672, nb	Unfavourable - No change	29/03/2022
Estuaries	-	-
Estuary	-	-
Golden plover, <i>Pluvialis apricaria</i> - A140, nb	Favourable	29/03/2022
Golden plover, <i>Pluvialis apricaria</i> - Passage	-	-
Golden plover, <i>Pluvialis apricaria</i> - Wintering	-	-
H1130 Estuaries	-	-
H1140 Mudflats and sandflats not covered by seawater at low tide	-	-
Knot, <i>Calidris canutus</i> - A143, nb	Favourable	29/03/2022
Knot, <i>Calidris canutus</i> - Passage	-	-
Knot, <i>Calidris canutus</i> - Wintering	-	-
Littoral sediment	Favourable	21/12/2010
Redshank, <i>Tringa totanus</i> - A162, nb	Unfavourable - Declining	29/03/2022
Redshank, <i>Tringa totanus</i> - Passage	-	-
Redshank, <i>Tringa totanus</i> - Wintering	-	-
River lamprey, <i>Lampetra fluviatilis</i> - Passage	-	-
River lamprey, <i>Lampetra fluviatilis</i>	-	-
Ruff, <i>Calidris pugnax</i> - A151, nb	Unfavourable - No change	29/03/2022
S1095 Sea lamprey, <i>Petromyzon marinus</i>	-	-
S1099 River lamprey, <i>Lampetra fluviatilis</i>	-	-
Sea lamprey, <i>Petromyzon marinus</i> - Passage	-	-
Sea lamprey, <i>Petromyzon marinus</i>	-	-
Shelduck, <i>Tadorna tadorna</i> - A048, nb	Favourable	29/03/2022
Shelduck, <i>Tadorna tadorna</i> - Wintering	-	-
Waterbird assemblage - Wintering	-	-
Waterbird assemblage	Favourable	29/03/2022



ID: -
 Location: 1862m N
 SSSI name: Humber Estuary
 Unit name: Humber Bridge To Hessele Haven
 Broad habitat: Littoral Sediment
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Avocet, <i>Recurvirostra avosetta</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Bar-tailed godwit, <i>Limosa lapponica</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Black-tailed godwit, <i>Limosa limosa islandica</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Brent goose (dark-bellied), <i>Branta bernicla bernicla</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Curlew, <i>Numenius arquata</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Dunlin, <i>Calidris alpina alpina</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Golden plover, <i>Pluvialis apricaria</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Greenshank, <i>Tringa nebularia</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Grey plover, <i>Pluvialis squatarola</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Knot, <i>Calidris canutus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Lapwing, <i>Vanellus vanellus</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Oystercatcher, <i>Haematopus ostralegus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Redshank, <i>Tringa totanus</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Ringed plover, <i>Charadrius hiaticula</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Ruff, <i>Philomachus pugnax</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Sanderling, <i>Calidris alba</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Shelduck, <i>Tadorna tadorna</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Teal, <i>Anas crecca</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Turnstone, <i>Arenaria interpres</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Whimbrel, <i>Numenius phaeopus</i>	Favourable	29/03/2022
Avocet, <i>Recurvirostra avosetta</i> - A132-A, nb	Favourable	29/03/2022
Bar-tailed godwit, <i>Limosa lapponica</i> - A157, nb	Unfavourable - Declining	29/03/2022

Feature name	Feature condition	Date of assessment
Bar-tailed godwit, Limosa lapponica - Wintering	-	-
Black-tailed godwit, Limosa limosa - Wintering	-	-
Black-tailed godwit, Limosa limosa islandica - A616, nb	Favourable	29/03/2022
Dunlin, Calidris alpina - Passage	-	-
Dunlin, Calidris alpina - Wintering	-	-
Dunlin, Calidris alpina alpina - A672, nb	Unfavourable - No change	29/03/2022
Estuaries	-	-
Estuary	-	-
Golden plover, Pluvialis apricaria - A140, nb	Favourable	29/03/2022
Golden plover, Pluvialis apricaria - Passage	-	-
Golden plover, Pluvialis apricaria - Wintering	-	-
H1130 Estuaries	-	-
H1140 Mudflats and sandflats not covered by seawater at low tide	-	-
Knot, Calidris canutus - A143, nb	Favourable	29/03/2022
Knot, Calidris canutus - Passage	-	-
Knot, Calidris canutus - Wintering	-	-
Littoral sediment	-	-
Redshank, Tringa totanus - A162, nb	Unfavourable - Declining	29/03/2022
Redshank, Tringa totanus - Passage	-	-
Redshank, Tringa totanus - Wintering	-	-
Ruff, Calidris pugnax - A151, nb	Unfavourable - No change	29/03/2022
Shelduck, Tadorna tadorna - A048, nb	Favourable	29/03/2022
Shelduck, Tadorna tadorna - Wintering	-	-
Waterbird assemblage - Wintering	-	-
Waterbird assemblage	Favourable	29/03/2022



ID: -
 Location: 1889m E
 SSSI name: Humber Estuary
 Unit name: Barton Eastern Flats
 Broad habitat: Littoral Sediment
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Avocet, <i>Recurvirostra avosetta</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Bar-tailed godwit, <i>Limosa lapponica</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Black-tailed godwit, <i>Limosa limosa islandica</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Brent goose (dark-bellied), <i>Branta bernicla bernicla</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Curlew, <i>Numenius arquata</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Dunlin, <i>Calidris alpina alpina</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Golden plover, <i>Pluvialis apricaria</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Goldeneye, <i>Bucephala clangula</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Greenshank, <i>Tringa nebularia</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Grey plover, <i>Pluvialis squatarola</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Knot, <i>Calidris canutus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Lapwing, <i>Vanellus vanellus</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Oystercatcher, <i>Haematopus ostralegus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Pochard, <i>Aythya ferina</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Redshank, <i>Tringa totanus</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Ruff, <i>Philomachus pugnax</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Sanderling, <i>Calidris alba</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Shelduck, <i>Tadorna tadorna</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Teal, <i>Anas crecca</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Turnstone, <i>Arenaria interpres</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Whimbrel, <i>Numenius phaeopus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Wigeon, <i>Anas penelope</i>	Unfavourable - Declining	29/03/2022



Feature name	Feature condition	Date of assessment
Avocet, <i>Recurvirostra avosetta</i> - A132-A, nb	Favourable	29/03/2022
Bar-tailed godwit, <i>Limosa lapponica</i> - A157, nb	Unfavourable - Declining	29/03/2022
Bar-tailed godwit, <i>Limosa lapponica</i> - Wintering	-	-
Black-tailed godwit, <i>Limosa limosa</i> - Wintering	-	-
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	Favourable	29/03/2022
Dunlin, <i>Calidris alpina</i> - Passage	-	-
Dunlin, <i>Calidris alpina</i> - Wintering	-	-
Dunlin, <i>Calidris alpina alpina</i> - A672, nb	Unfavourable - No change	29/03/2022
Estuaries	-	-
Estuary	-	-
Golden plover, <i>Pluvialis apricaria</i> - A140, nb	Favourable	29/03/2022
Golden plover, <i>Pluvialis apricaria</i> - Passage	-	-
Golden plover, <i>Pluvialis apricaria</i> - Wintering	-	-
H1130 Estuaries	-	-
H1140 Mudflats and sandflats not covered by seawater at low tide	-	-
Knot, <i>Calidris canutus</i> - A143, nb	Favourable	29/03/2022
Knot, <i>Calidris canutus</i> - Passage	-	-
Knot, <i>Calidris canutus</i> - Wintering	-	-
Littoral sediment	Favourable	21/12/2010
Redshank, <i>Tringa totanus</i> - A162, nb	Unfavourable - Declining	29/03/2022
Redshank, <i>Tringa totanus</i> - Passage	-	-
Redshank, <i>Tringa totanus</i> - Wintering	-	-
River lamprey, <i>Lampetra fluviatilis</i> - Passage	-	-
River lamprey, <i>Lampetra fluviatilis</i>	-	-
Ruff, <i>Calidris pugnax</i> - A151, nb	Unfavourable - No change	29/03/2022
S1095 Sea lamprey, <i>Petromyzon marinus</i>	-	-
S1099 River lamprey, <i>Lampetra fluviatilis</i>	-	-
Sea lamprey, <i>Petromyzon marinus</i> - Passage	-	-



Feature name	Feature condition	Date of assessment
Sea lamprey, <i>Petromyzon marinus</i>	-	-
Shelduck, <i>Tadorna tadorna</i> - A048, nb	Favourable	29/03/2022
Shelduck, <i>Tadorna tadorna</i> - Wintering	-	-
Waterbird assemblage - Wintering	-	-
Waterbird assemblage	Favourable	29/03/2022

ID: -
 Location: 1891m E
 SSSI name: Humber Estuary
 Unit name: Sailing Pit Club
 Broad habitat: Standing Open Water And Canals
 Condition: Unfavourable - Declining
 Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Bittern, <i>Botaurus stellaris</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Curlew, <i>Numenius arquata</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Golden plover, <i>Pluvialis apricaria</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Goldeneye, <i>Bucephala clangula</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Greenshank, <i>Tringa nebularia</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Grey plover, <i>Pluvialis squatarola</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Lapwing, <i>Vanellus vanellus</i>	Unfavourable - No change	29/03/2022
Aggregations of non-breeding birds - Oystercatcher, <i>Haematopus ostralegus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Pochard, <i>Aythya ferina</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Ringed plover, <i>Charadrius hiaticula</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Scaup, <i>Aythya marila</i>	Unfavourable - Recovering	29/03/2022
Aggregations of non-breeding birds - Shelduck, <i>Tadorna tadorna</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Teal, <i>Anas crecca</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Turnstone, <i>Arenaria interpres</i>	Unfavourable - Declining	29/03/2022
Aggregations of non-breeding birds - Whimbrel, <i>Numenius phaeopus</i>	Favourable	29/03/2022
Aggregations of non-breeding birds - Wigeon, <i>Anas penelope</i>	Unfavourable - Declining	29/03/2022

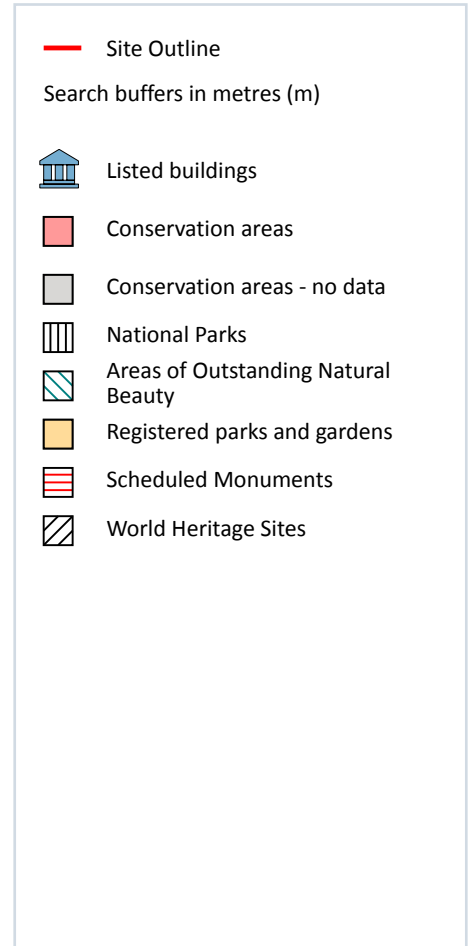
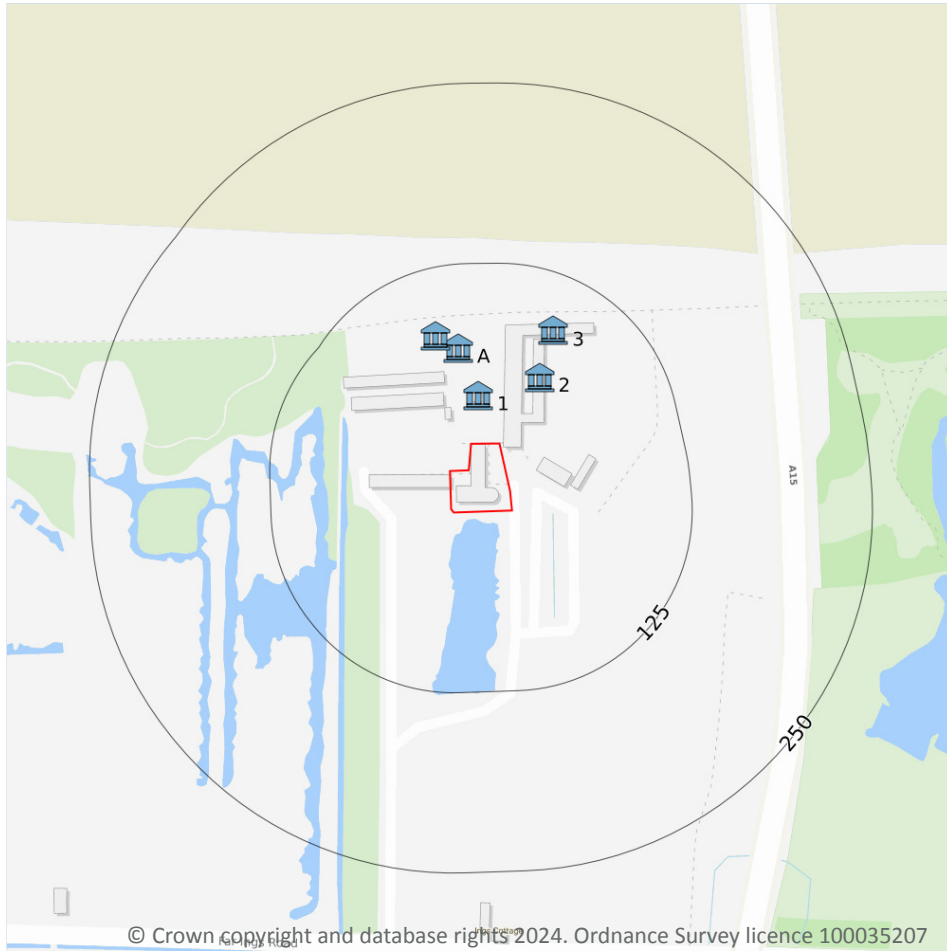


Feature name	Feature condition	Date of assessment
Assemblages of breeding birds - Lowland open waters and their margins	Favourable	21/04/2022
Bittern, Botaurus stellaris - A021, nb	Favourable	29/03/2022
Eutrophic lakes	Unfavourable - Declining	20/03/2015
Invert. assemblage M3 saltmarsh, estuary and mudflat	-	-
Marsh Harrier, Circus aeruginosus - A081, b	Favourable	21/04/2022
Shelduck, Tadorna tadorna - A048, nb	Favourable	29/03/2022
Shelduck, Tadorna tadorna - Wintering	-	-
Waterbird assemblage - Wintering	-	-
Waterbird assemblage	Favourable	29/03/2022

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



11 Visual and cultural designations



11.1 World Heritage Sites

Records within 250m

0

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

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

11.2 Area of Outstanding Natural Beauty

Records within 250m

0

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

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

11.3 National Parks

Records within 250m

0

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

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

11.4 Listed Buildings

Records within 250m

5

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

Features are displayed on the Visual and cultural designations map on [page 119 >](#)

ID	Location	Name	Grade	Reference Number	Listed date
1	33m N	Mill House At William Blyth Ings Yard.	II	1391191	05/11/2004
2	54m NE	Drying Shed To South East Of Cottages At William Blyth Ings Yard	II	1391189	05/11/2004
A	67m N	Old Kiln (To West), Lobby And Chimney At William Blyth Ings Yard	II	1391190	05/11/2004
A	79m N	Old Kiln (To West), Lobby And Chimney At William Blyth Ings Yard	II	1391190	05/11/2004



ID	Location	Name	Grade	Reference Number	Listed date
3	87m NE	French Shed, Cottages And Attached Drying Shed, Workshop And Stables At William Blyth Ings Yard	II	1390935	05/11/2004

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

11.5 Conservation Areas

Records within 250m

0

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

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

11.6 Scheduled Ancient Monuments

Records within 250m

0

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

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

11.7 Registered Parks and Gardens

Records within 250m

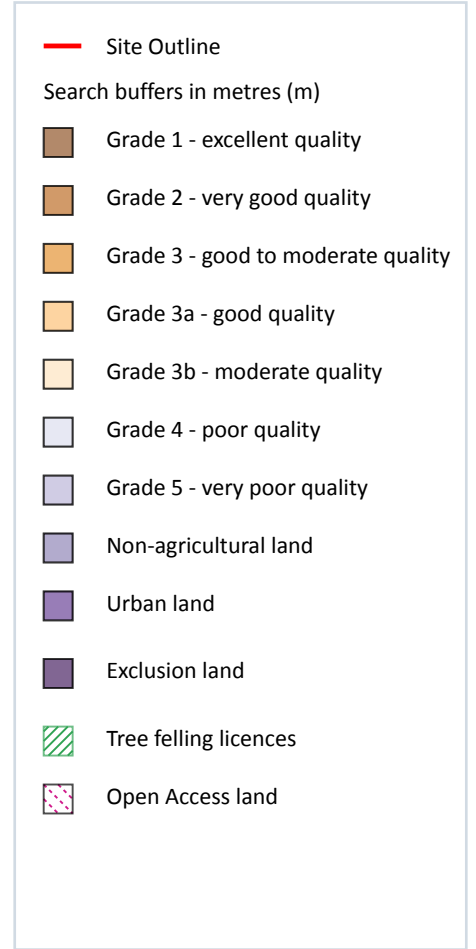
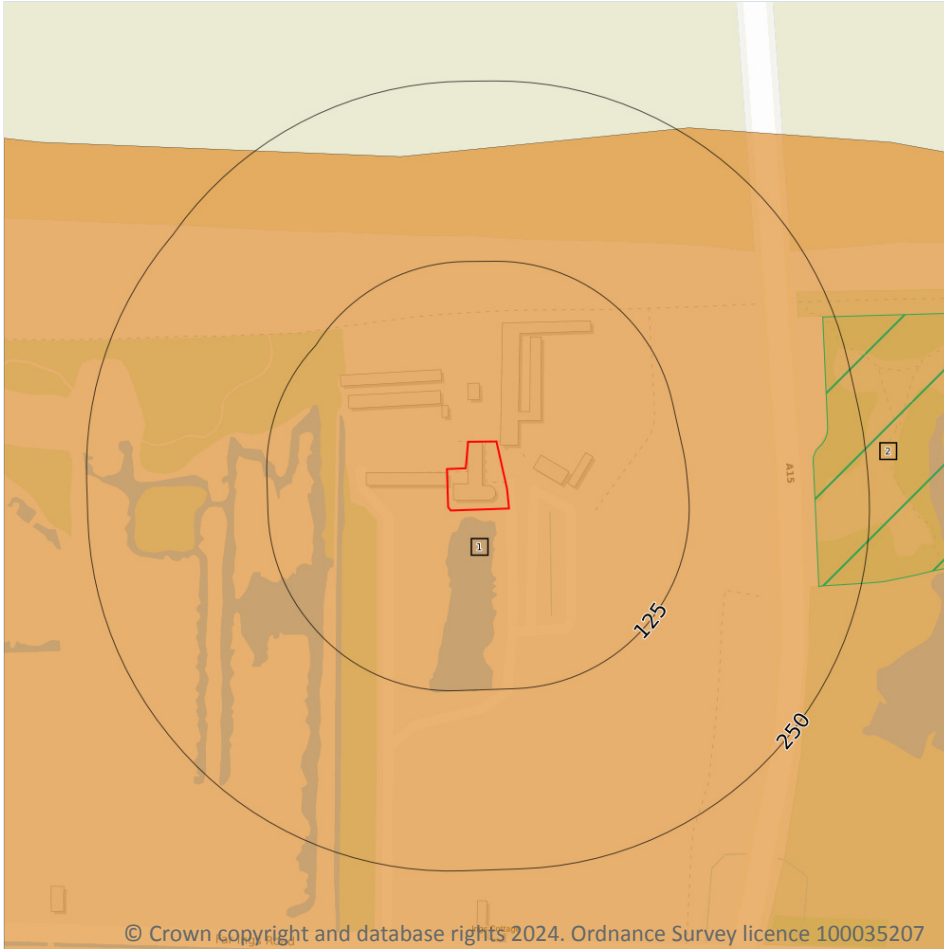
0

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

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



12 Agricultural designations



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12.1 Agricultural Land Classification

Records within 250m

1

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

Features are displayed on the Agricultural designations map on [page 122 >](#)

ID	Location	Classification	Description
1	On site	Grade 3	Good to moderate quality agricultural land. Land with moderate limitations which affect the choice of crops, timing and type of cultivation, harvesting or the level of yield. Where more demanding crops are grown yields are generally lower or more variable than on land in Grades 1 and 2.

This data is sourced from Natural England.



12.2 Open Access Land

Records within 250m

0

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

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

12.3 Tree Felling Licences

Records within 250m

1

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

Features are displayed on the Agricultural designations map on [page 122 >](#)

ID	Location	Description	Reference	Application date
2	212m E	Selective Fell/Thin (Conditional)	012/209/14-15	01/06/2015

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m

3

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

Location	Reference	Scheme	Start Date	End date
52m W	AG00287552	Higher Level Stewardship	01/04/2009	31/03/2023
213m E	AG00425306	Higher Level Stewardship	01/03/2013	28/02/2023
232m NE	AG00425306	Higher Level Stewardship	01/03/2013	28/02/2023

This data is sourced from Natural England.



12.5 Countryside Stewardship Schemes

Records within 250m

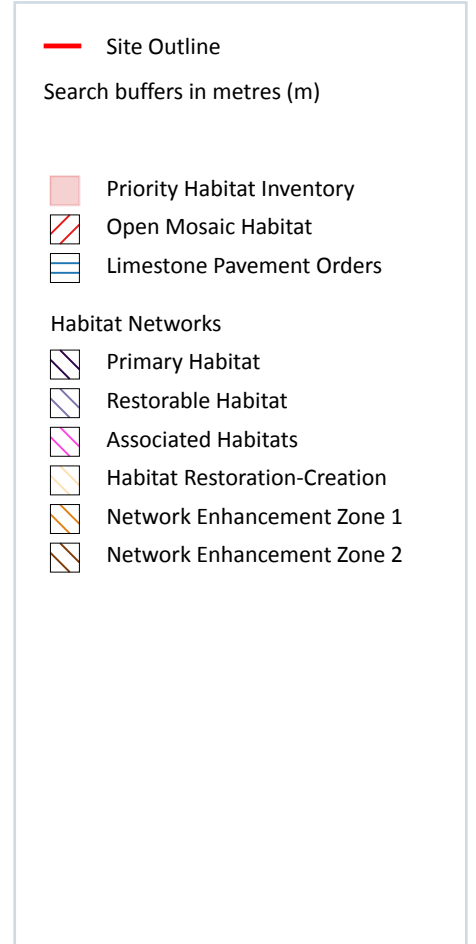
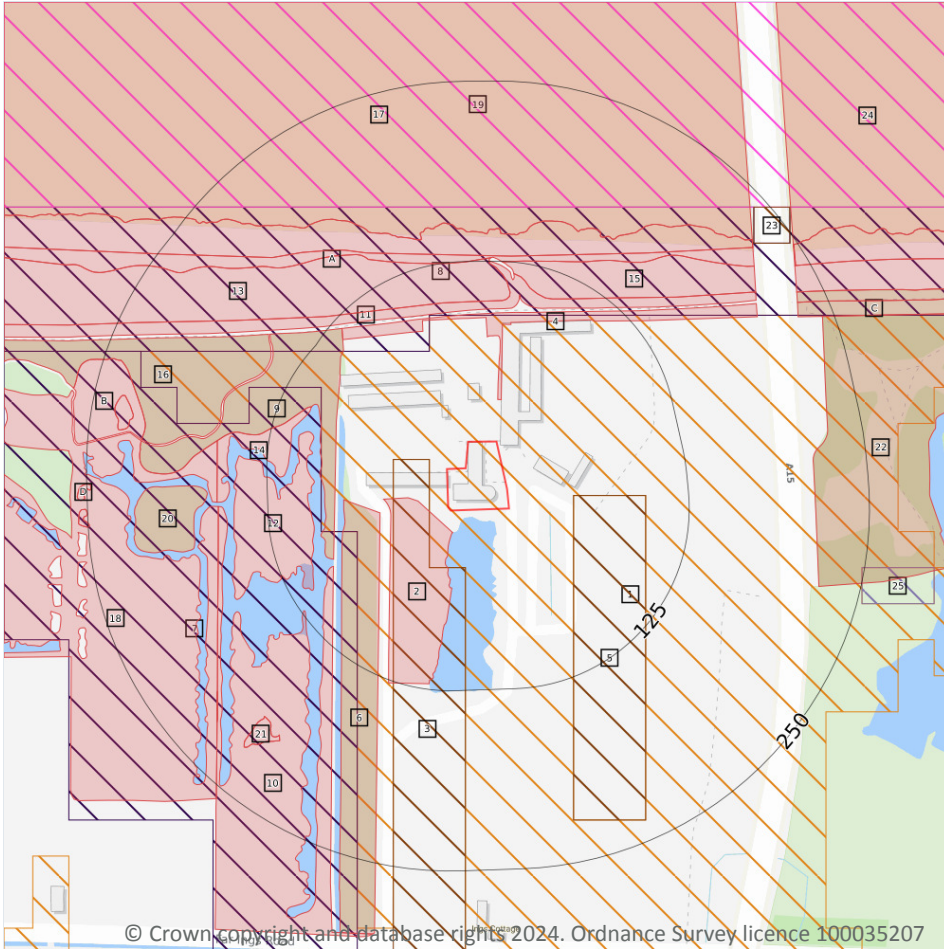
0

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

This data is sourced from Natural England.



13 Habitat designations



13.1 Priority Habitat Inventory

Records within 250m

27

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

Features are displayed on the Habitat designations map on [page 125 >](#)

ID	Location	Main Habitat	Other habitats
2	11m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
4	29m N	No main habitat but additional habitats present	Additional: SALTM (ENSIS L2)
6	47m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

ID	Location	Main Habitat	Other habitats
9	77m W	Deciduous woodland	Main habitat: RBEDS (INV > 50%); DWOOD (INV > 50%)
10	90m SW	Reedbeds	Main habitat: RBEDS (INV > 50%)
11	91m N	Coastal saltmarsh	Main habitat: RBEDS (INV > 50%); SALTM (INV > 50%)
12	92m W	Reedbeds	Main habitat: RBEDS (INV > 50%)
13	97m N	Coastal saltmarsh	Main habitat: RBEDS (INV > 50%); SALTM (INV > 50%)
14	103m NW	Reedbeds	Main habitat: RBEDS (INV > 50%)
15	105m N	Coastal saltmarsh	Main habitat: LFENS (INV > 50%); RBEDS (INV > 50%); SALTM (INV > 50%)
A	124m N	Coastal saltmarsh	Main habitat: LFENS (INV > 50%); RBEDS (INV > 50%); MUDFL (INV > 50%); SALTM (INV > 50%)
A	129m N	Coastal saltmarsh	Main habitat: LFENS (INV > 50%); MUDFL (INV > 50%); SALTM (INV > 50%)
16	144m NW	Deciduous woodland	Main habitat: RBEDS (INV > 50%, FEP + HLS); DWOOD (INV > 50%); Additional: SALTM (ENSIS L2)
17	144m N	Mudflats	Main habitat: LFENS (INV > 50%); MUDFL (INV > 50%)
18	159m W	Reedbeds	Main habitat: RBEDS (INV > 50%, FEP + HLS)
20	167m W	Reedbeds	Main habitat: RBEDS (FEP + HLS)
21	193m SW	No main habitat but additional habitats present	Additional: RBEDS (FEP 50%)
B	211m W	Reedbeds	Main habitat: RBEDS (INV > 50%, FEP + HLS)
22	212m E	No main habitat but additional habitats present	Additional: RBEDS (FEP 50%); LMEAD (FEP 50%)
B	221m W	Reedbeds	Main habitat: RBEDS (FEP + HLS)
C	226m NE	No main habitat but additional habitats present	Additional: SALTM (ENSIS L2)
C	230m NE	No main habitat but additional habitats present	Main habitat: RBEDS (INV > 50%); Additional: SALTM (ENSIS L2)
C	233m NE	Coastal saltmarsh	Main habitat: RBEDS (INV > 50%); SALTM (INV > 50%, FEP + HLS)
24	240m NE	Mudflats	Main habitat: LFENS (INV > 50%); MUDFL (INV > 50%)
C	241m NE	Coastal saltmarsh	Main habitat: LFENS (INV > 50%); MUDFL (INV > 50%); SALTM (INV > 50%)
D	247m W	Reedbeds	Main habitat: RBEDS (FEP + HLS)



ID	Location	Main Habitat	Other habitats
D	249m W	Reedbeds	Main habitat: RBEDS (FEP + HLS)

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m	8
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Habitat networks for 18 priority habitat networks (based primarily, but not exclusively, on the priority habitat inventory) and areas suitable for the expansion of networks through restoration and habitat creation.

Features are displayed on the Habitat designations map on [page 125 >](#)

ID	Location	Type	Habitat
1	On site	Network Enhancement Zone 1	Not specified
3	12m W	Network Enhancement Zone 2	Not specified
5	45m E	Network Enhancement Zone 2	Not specified
7	65m SW	Primary Habitat	Reedbeds
8	68m N	Primary Habitat	Saltmarsh
19	163m N	Associated Habitats	Other associated habitats
23	225m NE	Network Enhancement Zone 2	Not specified
25	248m E	Restorable Habitat	Not specified

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m	0
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Sites verified as Open Mosaic Habitat. Mosaic habitats are brownfield sites that are identified under the UK Biodiversity Action Plan as a priority habitat due to the habitat variation within a single site, supporting an array of invertebrates.

This data is sourced from Natural England.

13.4 Limestone Pavement Orders

Records within 250m

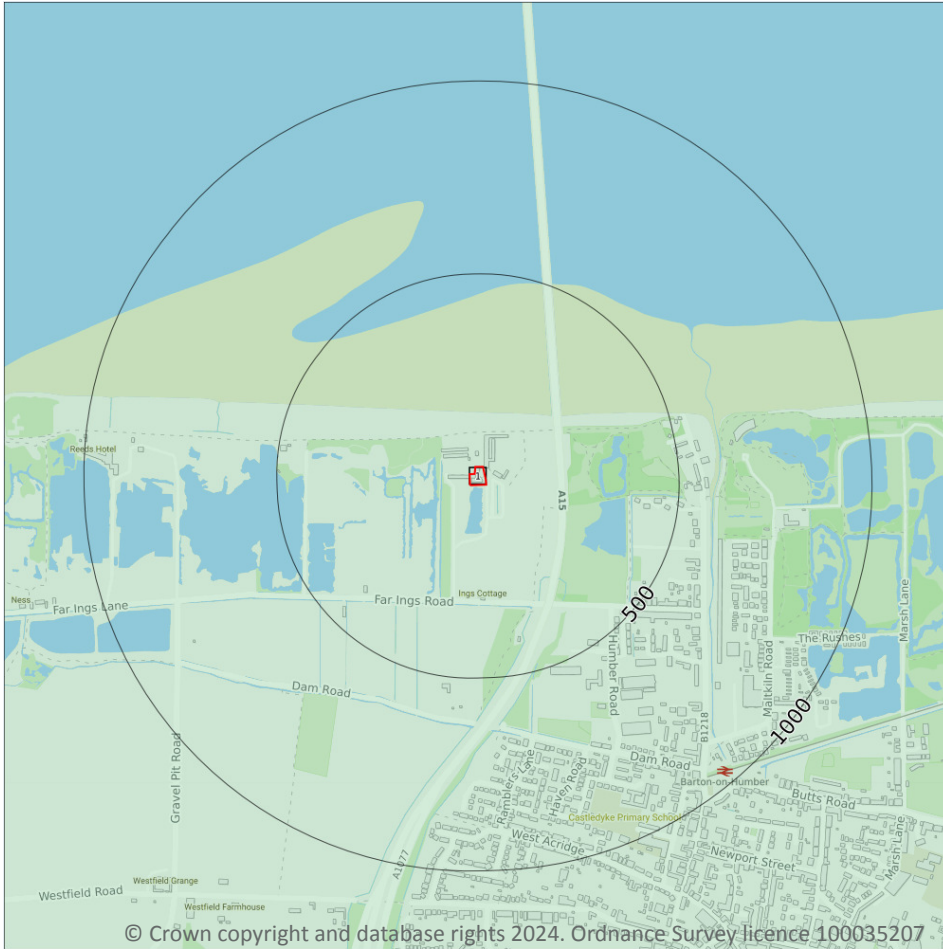
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Limestone pavements are outcrops of limestone where the surface has been worn away by natural means over millennia. These rocks have the appearance of paving blocks, hence their name. Not only do they have geological interest, they also provide valuable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

This data is sourced from Natural England.



14 Geology 1:10,000 scale - Availability



— Site Outline
 Search buffers in metres (m)

- Full coverage
- Partial coverage
- No coverage

14.1 10k Availability

Records within 500m

1

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

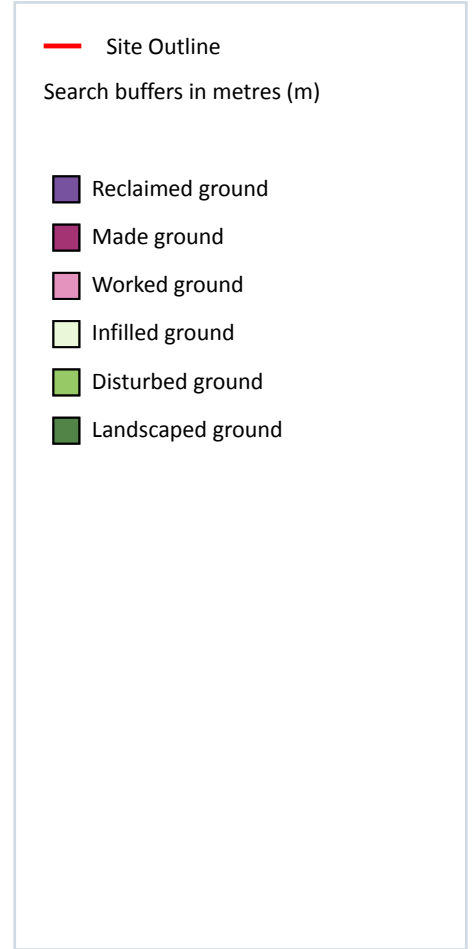
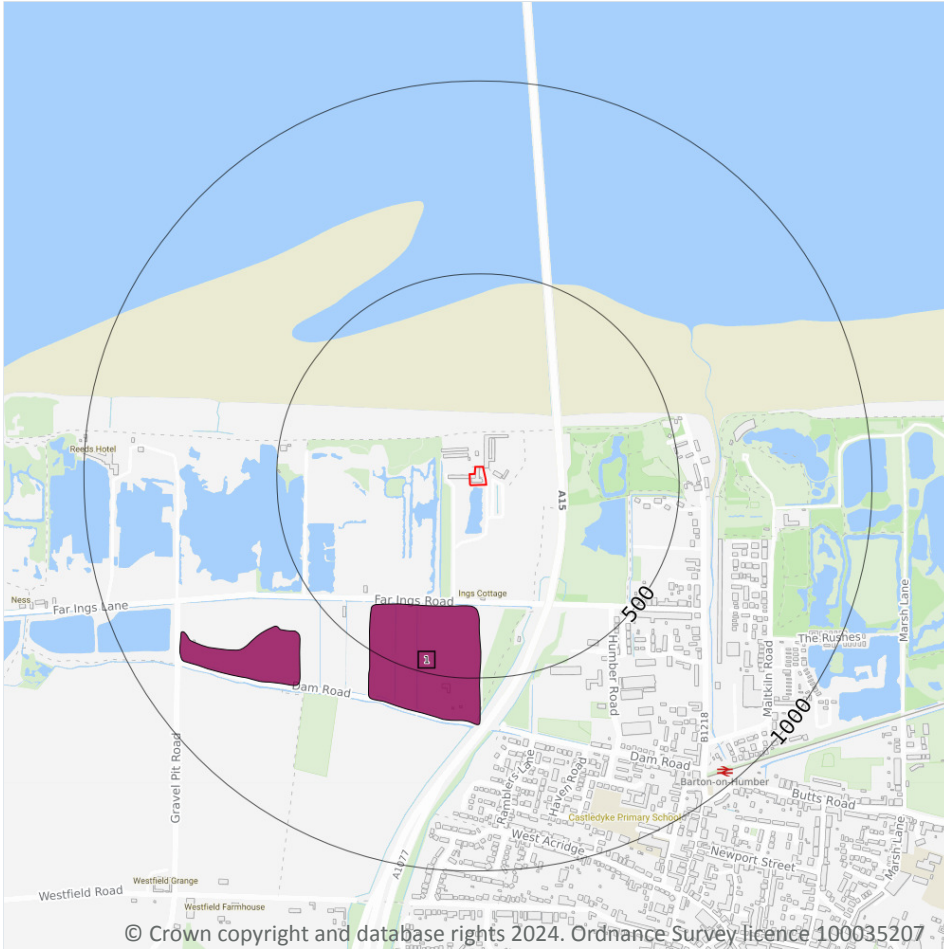
Features are displayed on the Geology 1:10,000 scale - Availability map on [page 129](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	No coverage	TA02SW

This data is sourced from the British Geological Survey.



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



14.2 Artificial and made ground (10k)

Records within 500m **1**

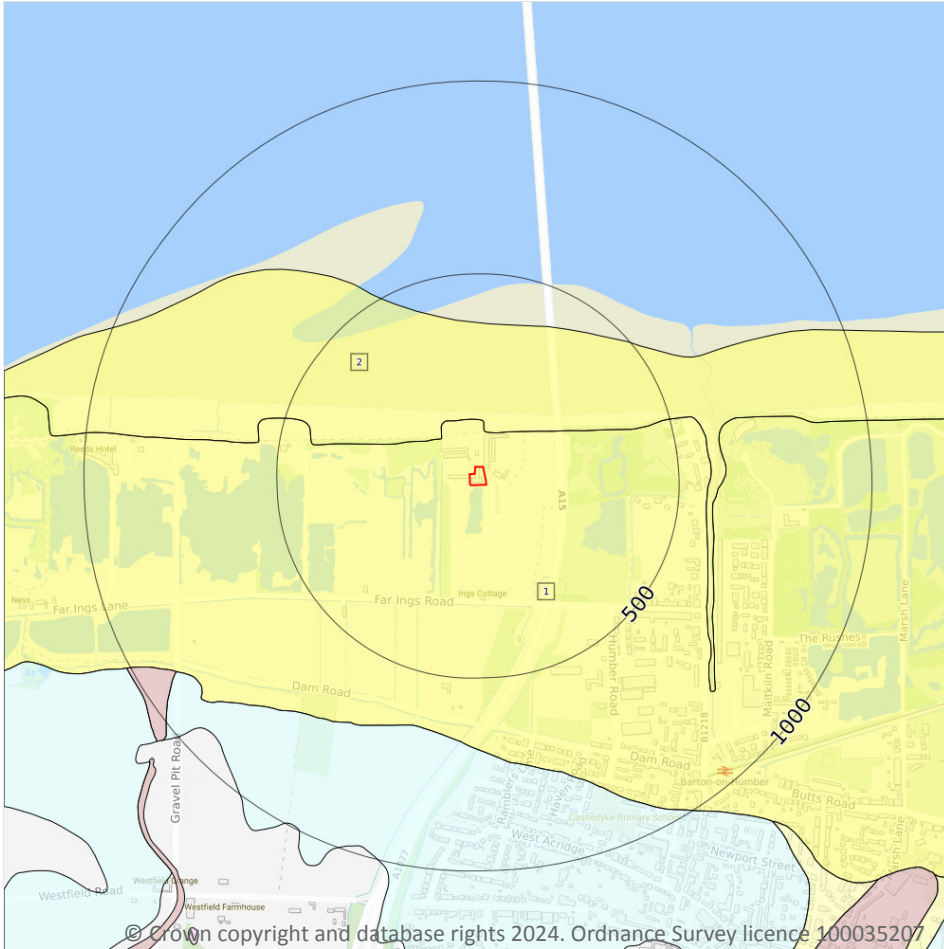
Details of made, worked, infilled, disturbed and landscaped ground at 1:10,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.


Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on [page 130 >](#)

ID	Location	LEX Code	Description	Rock description
1	313m S	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit

This data is sourced from the British Geological Survey.

Geology 1:10,000 scale - Superficial



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

14.3 Superficial geology (10k)

Records within 500m

2

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

Features are displayed on the Geology 1:10,000 scale - Superficial map on [page 131](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	TFD-XCZ	Tidal Flat Deposits - Clay And Silt	Clay And Silt
2	90m N	TFD-XCZ	Tidal Flat Deposits - Clay And Silt	Clay And Silt

This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

Records within 500m

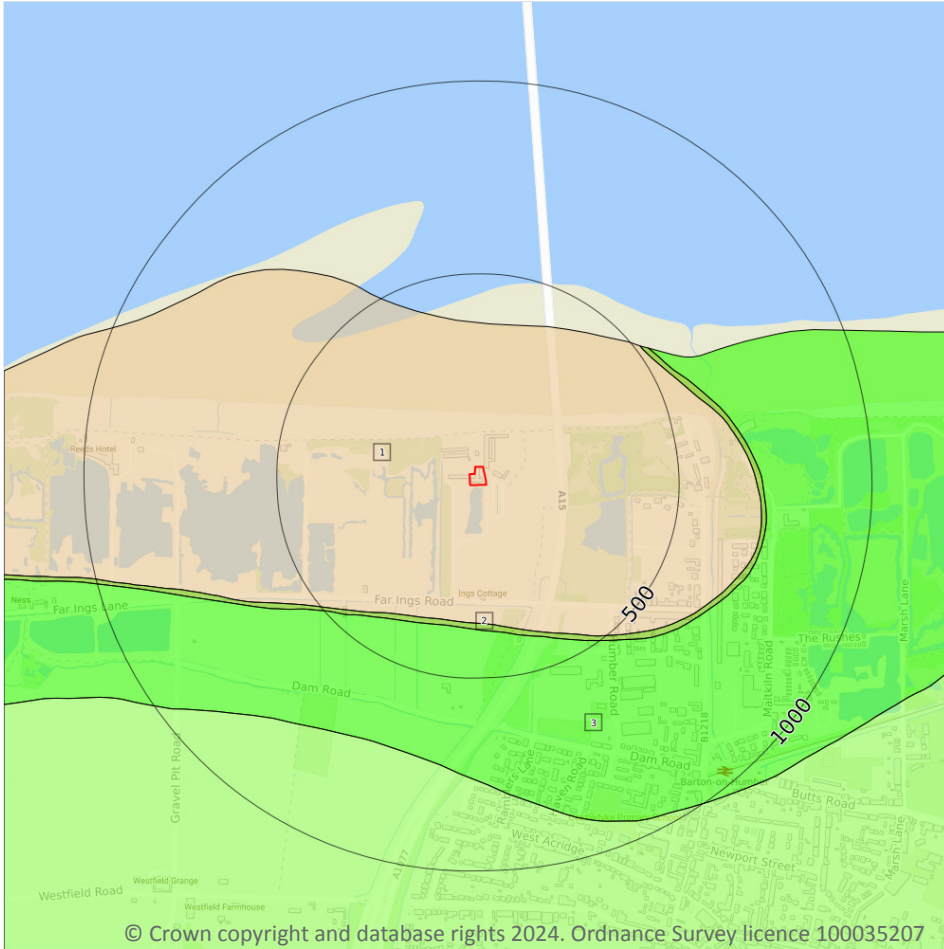
0

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

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Bedrock



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

14.5 Bedrock geology (10k)

Records within 500m

3

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

Features are displayed on the Geology 1:10,000 scale - Bedrock map on [page 133](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	AMG-MDSI	Ancholme Group - Mudstone And Siltstone	Kimmeridgian Age - Callovian Age
2	354m S	HUCK-CHLK	Hunstanton Formation - Chalk	Cenomanian Age - Albian Age
3	368m S	FYCK-CHLK	Ferriby Chalk Formation - Chalk	Cenomanian Age

This data is sourced from the British Geological Survey.



14.6 Bedrock faults and other linear features (10k)

Records within 500m

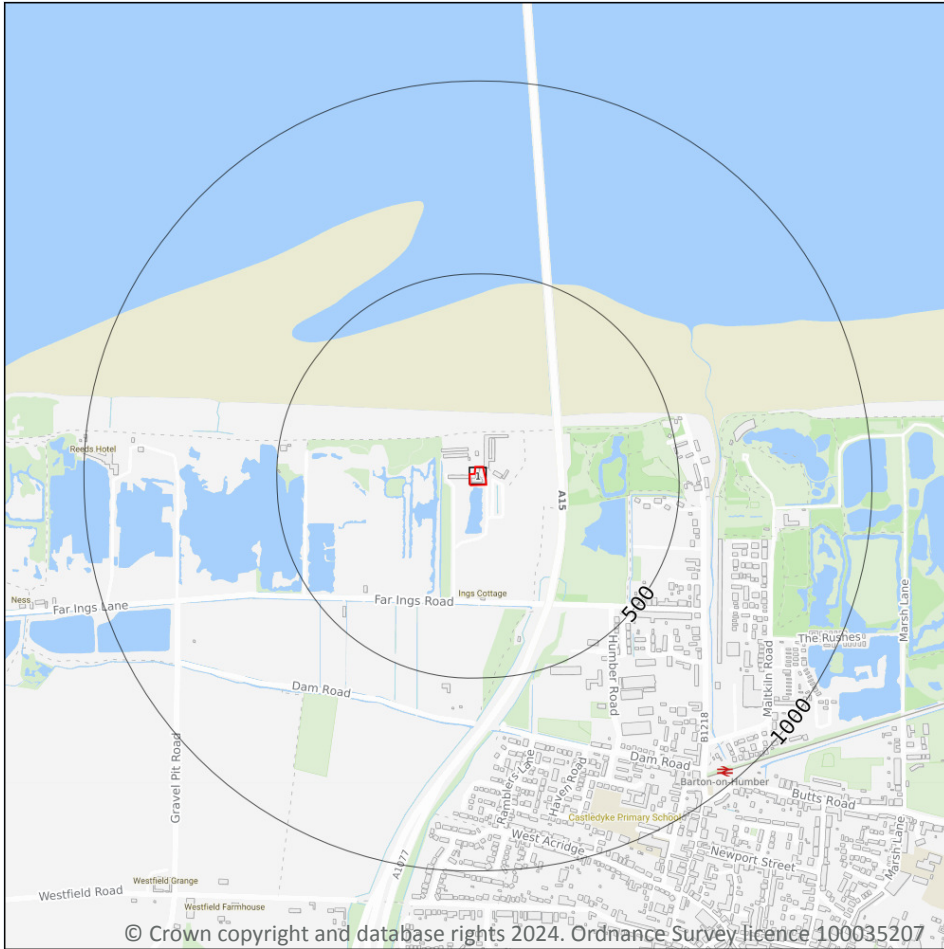
0

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

This data is sourced from the British Geological Survey.



15 Geology 1:50,000 scale - Availability



- Site Outline
- Search buffers in metres (m)
- Geological map tile

15.1 50k Availability

Records within 500m

1

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

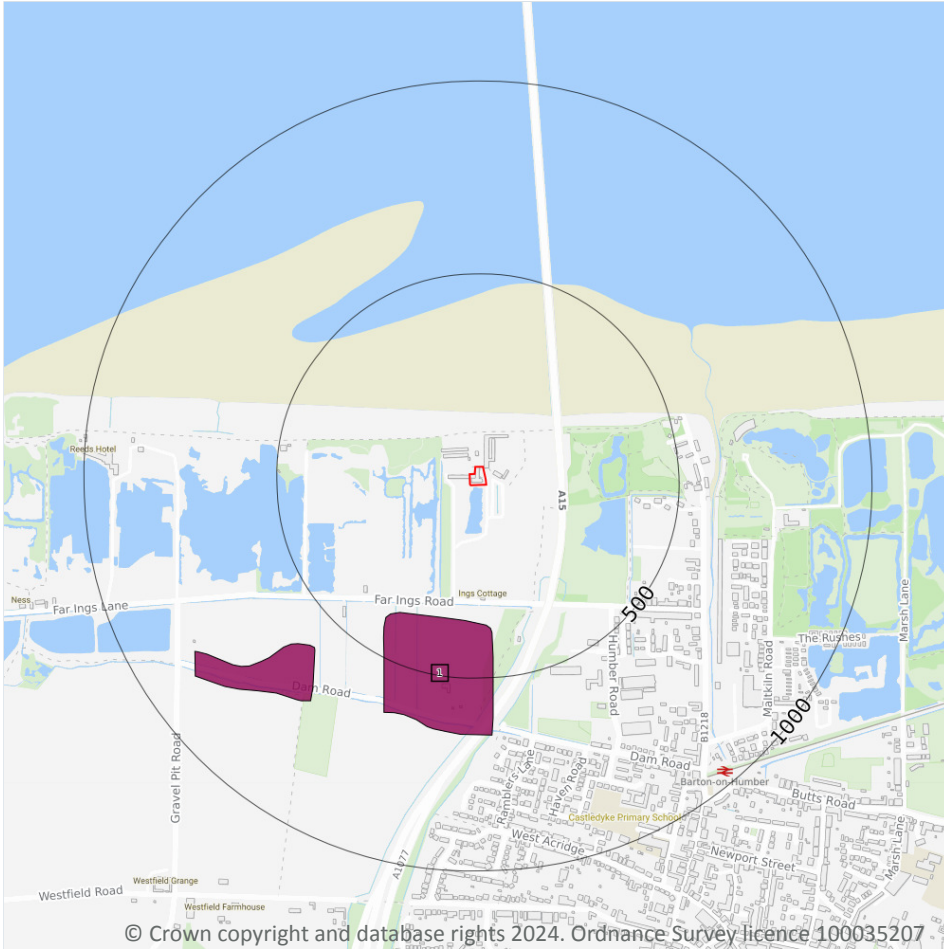
Features are displayed on the Geology 1:50,000 scale - Availability map on [page 135](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	EW080_hull_v4

This data is sourced from the British Geological Survey.



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



— Site Outline
Search buffers in metres (m)

- Made ground
- Worked ground
- Infilled ground
- Disturbed ground
- Landscaped ground

15.2 Artificial and made ground (50k)

Records within 500m

1

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

Features are displayed on the Geology 1:50,000 scale - Artificial and made ground map on [page 136 >](#)

ID	Location	LEX Code	Description	Rock description
1	350m S	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT

This data is sourced from the British Geological Survey.



15.3 Artificial ground permeability (50k)

Records within 50m

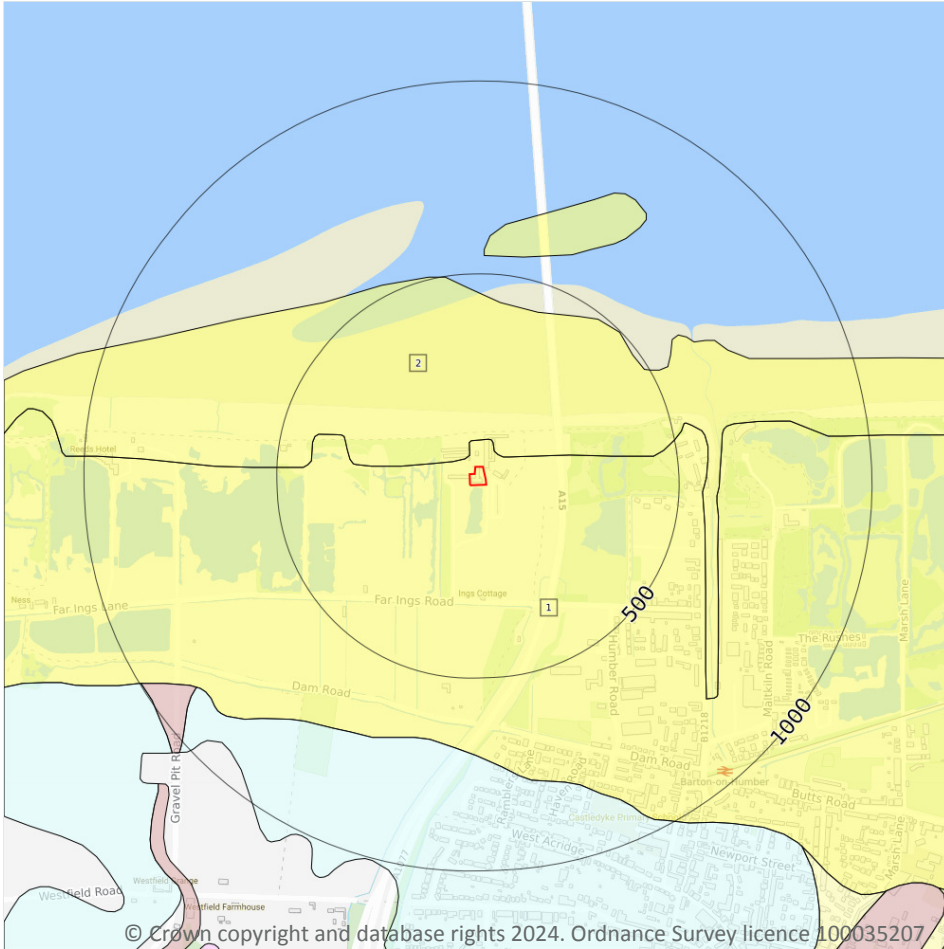
0

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

This data is sourced from the British Geological Survey.




Geology 1:50,000 scale - Superficial



 Site Outline

Search buffers in metres (m)

 Landslip (50k)

Superficial geology (50k)
 Please see table for more details.

15.4 Superficial geology (50k)

Records within 500m

2

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

Features are displayed on the Geology 1:50,000 scale - Superficial map on [page 138](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	TFD-XCZ	TIDAL FLAT DEPOSITS	CLAY AND SILT
2	33m NW	TFD-XCZ	TIDAL FLAT DEPOSITS	CLAY AND SILT

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m

1

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

Location	Flow type	Maximum permeability	Minimum permeability
On site	Intergranular	Low	Very Low

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m

0

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

This data is sourced from the British Geological Survey.

15.7 Landslip permeability (50k)

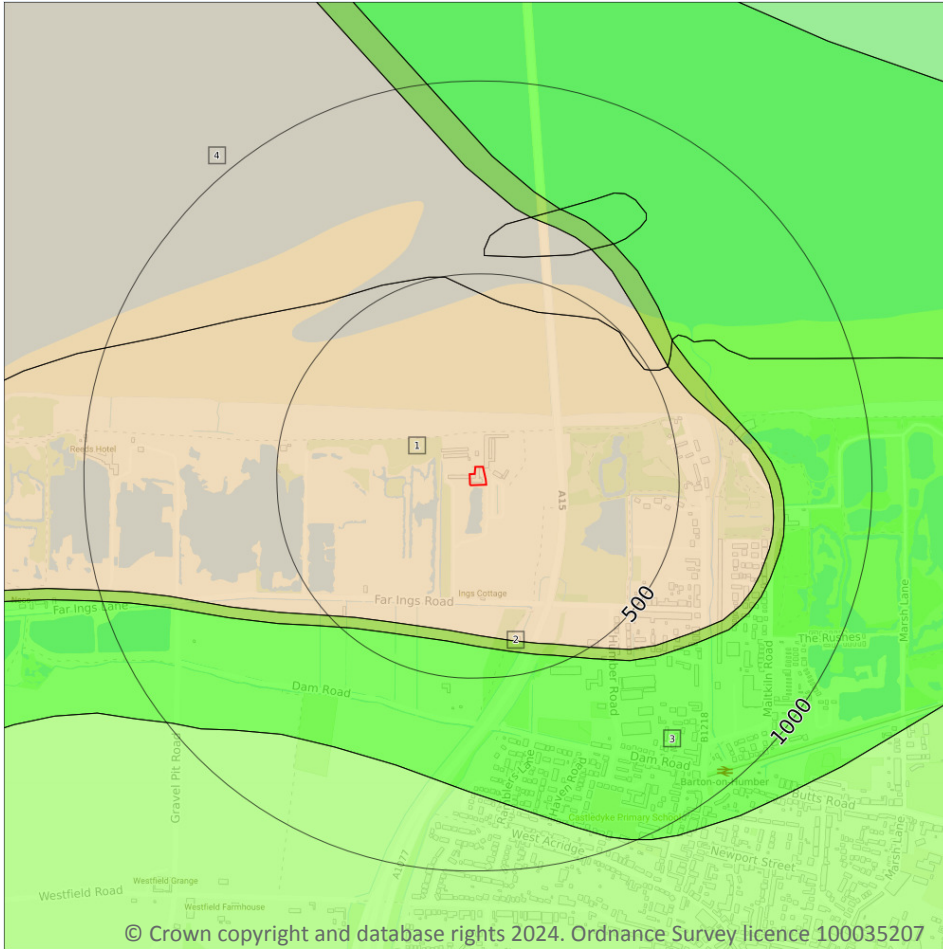
Records within 50m

0

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

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Bedrock



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

15.8 Bedrock geology (50k)

Records within 500m

4

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

Features are displayed on the Geology 1:50,000 scale - Bedrock map on [page 140](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	AMG-MDST	ANCHOLME GROUP - MUDSTONE	CALLOVIAN
2	380m S	HUCK-CHLK	HUNSTANTON FORMATION - CHALK	ALBIAN
3	408m S	FYCK-CHLK	FERRIBY CHALK FORMATION - CHALK	CENOMANIAN
4	423m N	AMG-MDST	ANCHOLME GROUP - MUDSTONE	CALLOVIAN

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m

1

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

Location	Flow type	Maximum permeability	Minimum permeability
On site	Fracture	Low	Very Low

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m

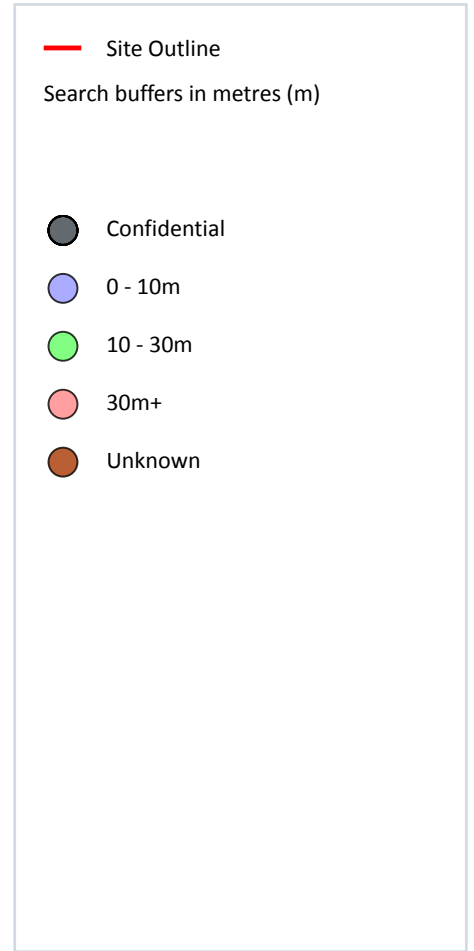
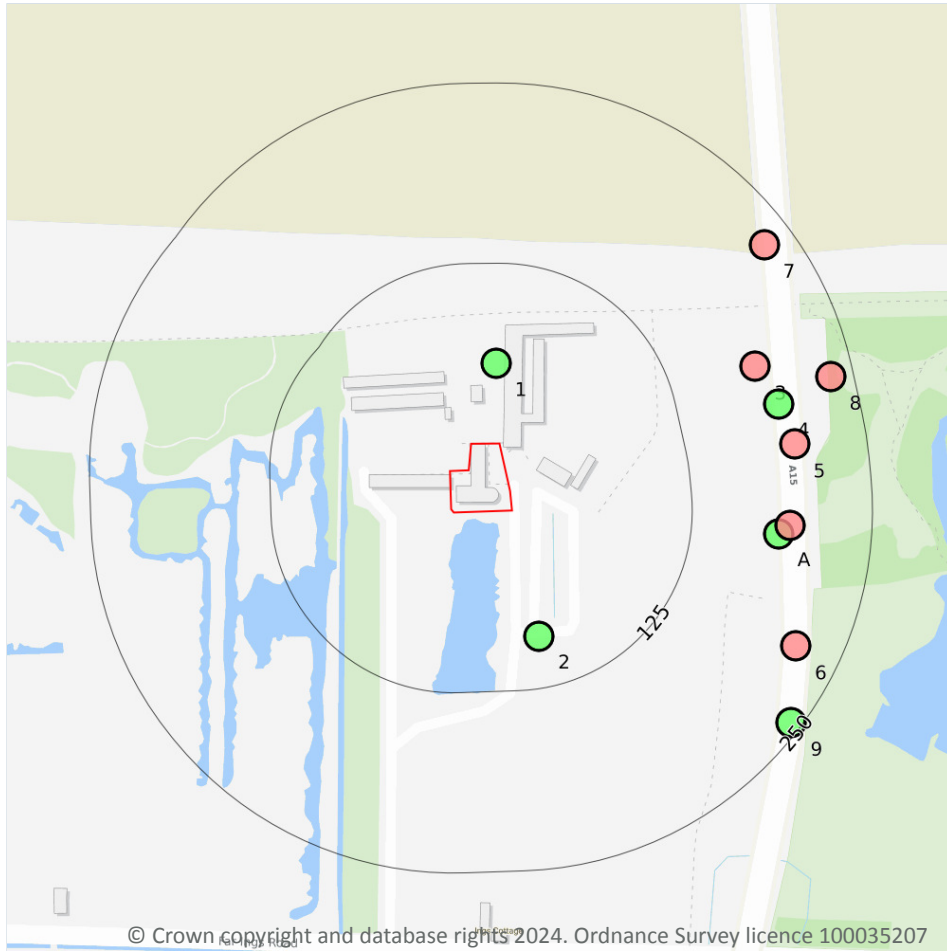
0

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

This data is sourced from the British Geological Survey.



16 Boreholes



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16.1 BGS Boreholes

Records within 250m

11

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

Features are displayed on the Boreholes map on [page 142 >](#)

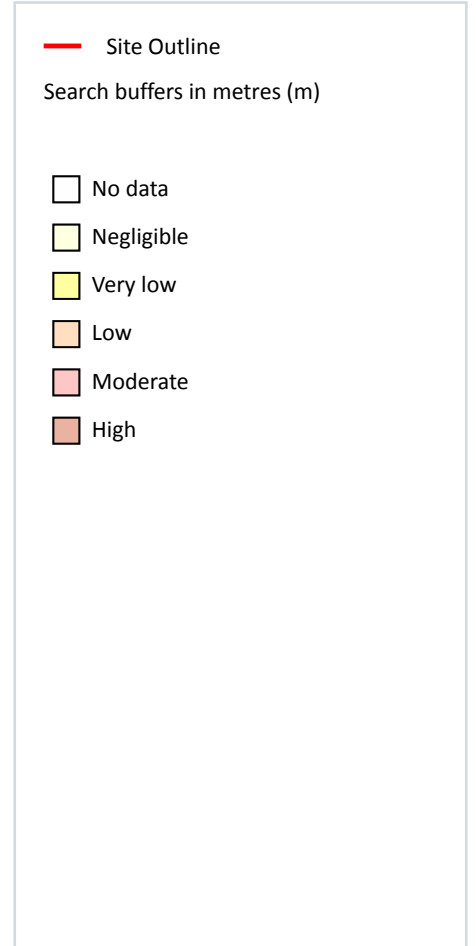
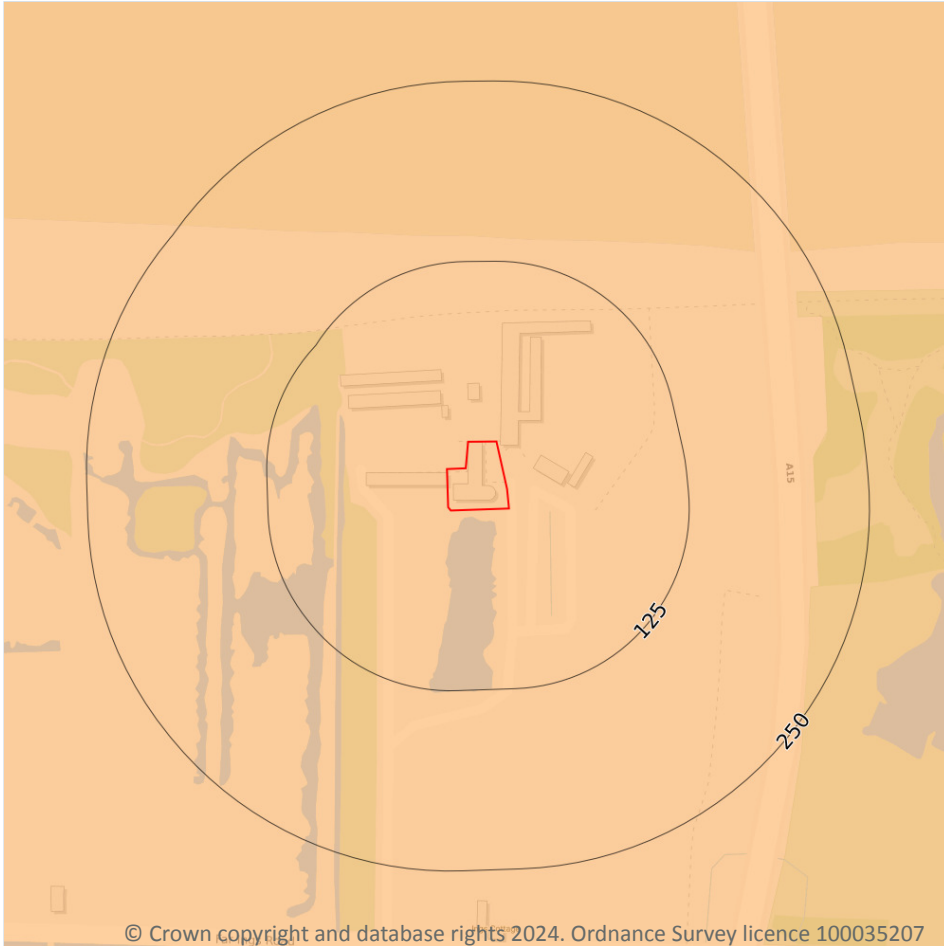
ID	Location	Grid reference	Name	Length	Confidential	Web link
1	56m N	502294 423368	BARTON UPON HUMBER BRICKYARDS	27.43	N	458125 ↗
2	89m S	502324 423179	HUMBER BRIDGE APPROACH ROADS 10	28.8	N	458235 ↗
3	185m NE	502474 423366	HUMBER BRIDGE SA6	49.23	N	458232 ↗

ID	Location	Grid reference	Name	Length	Confidential	Web link
A	186m E	502490 423250	HUMBER BRIDGE B16	26.82	N	458259 ↗
A	193m E	502498 423256	HUMBER BRIDGE SA8	48.76	N	458234 ↗
4	195m E	502490 423340	HUMBER BRIDGE B17	27.13	N	458260 ↗
5	200m E	502501 423312	HUMBER BRIDGE SA7	57.91	N	458233 ↗
6	218m SE	502502 423172	HUMBER BRIDGE APPROACH ROADS 11	33.0	N	458236 ↗
7	229m NE	502480 423450	HUMBER BRIDGE SA1	49.0	N	458250 ↗
8	234m E	502526 423359	HUMBER BRIDGE SA5	49.23	N	458231 ↗
9	243m SE	502499 423119	HUMBER BRIDGE APPROACH ROADS 12	30.0	N	458237 ↗

This data is sourced from the British Geological Survey.



17 Natural ground subsidence - Shrink swell clays



17.1 Shrink swell clays

Records within 50m

1

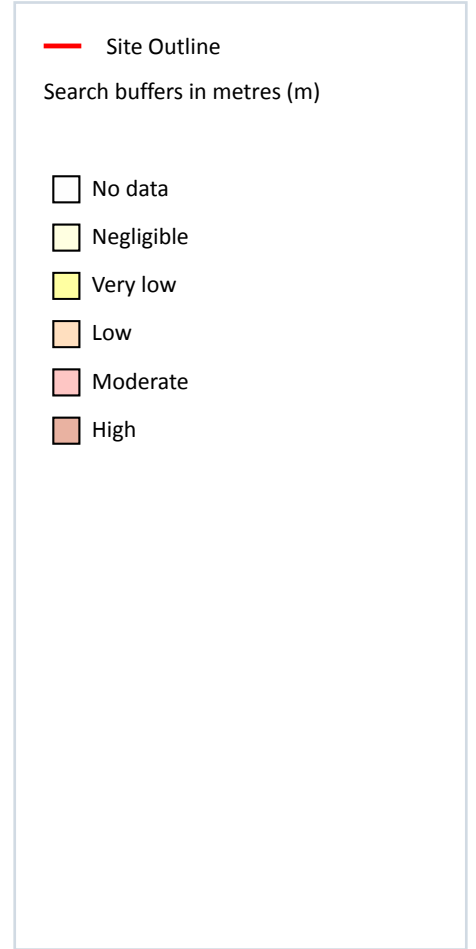
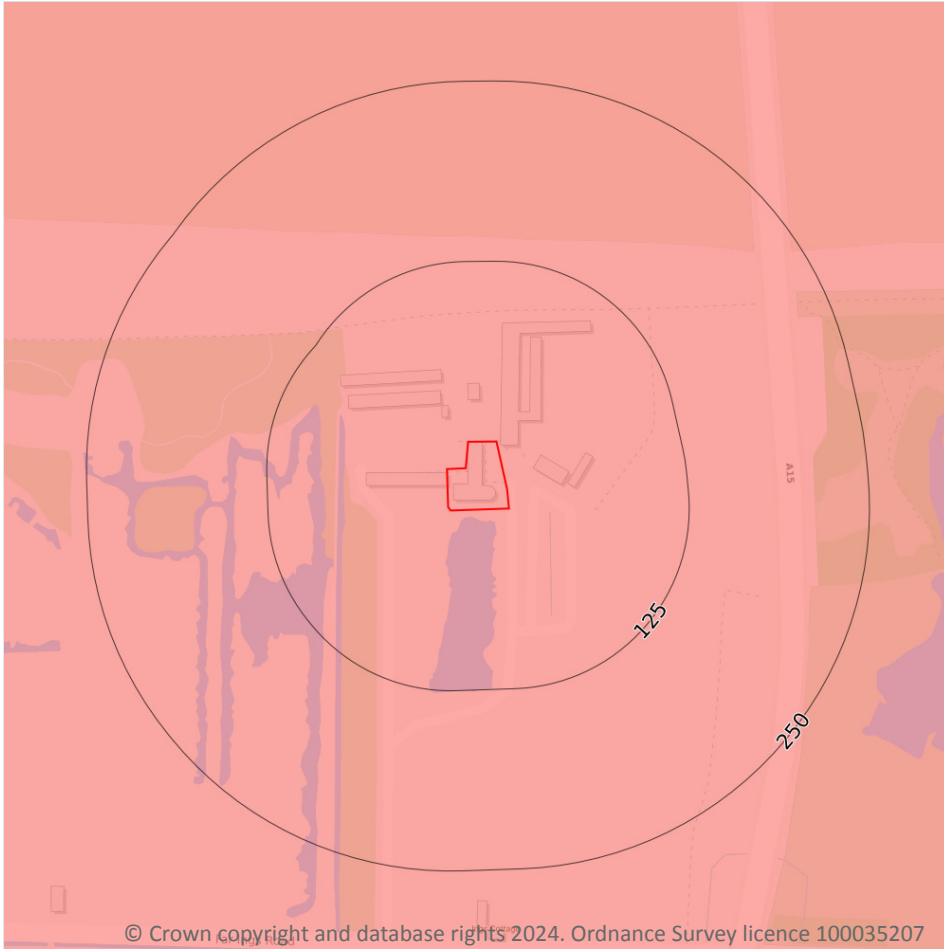
The potential hazard presented by soils that absorb water when wet (making them swell), and lose water as they dry (making them shrink). This shrink-swell behaviour is controlled by the type and amount of clay in the soil, and by seasonal changes in the soil moisture content (related to rainfall and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

Features are displayed on the Natural ground subsidence - Shrink swell clays map on [page 144](#) >

Location	Hazard rating	Details
On site	Low	Ground conditions predominantly medium plasticity.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Running sands



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17.2 Running sands

Records within 50m

1

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

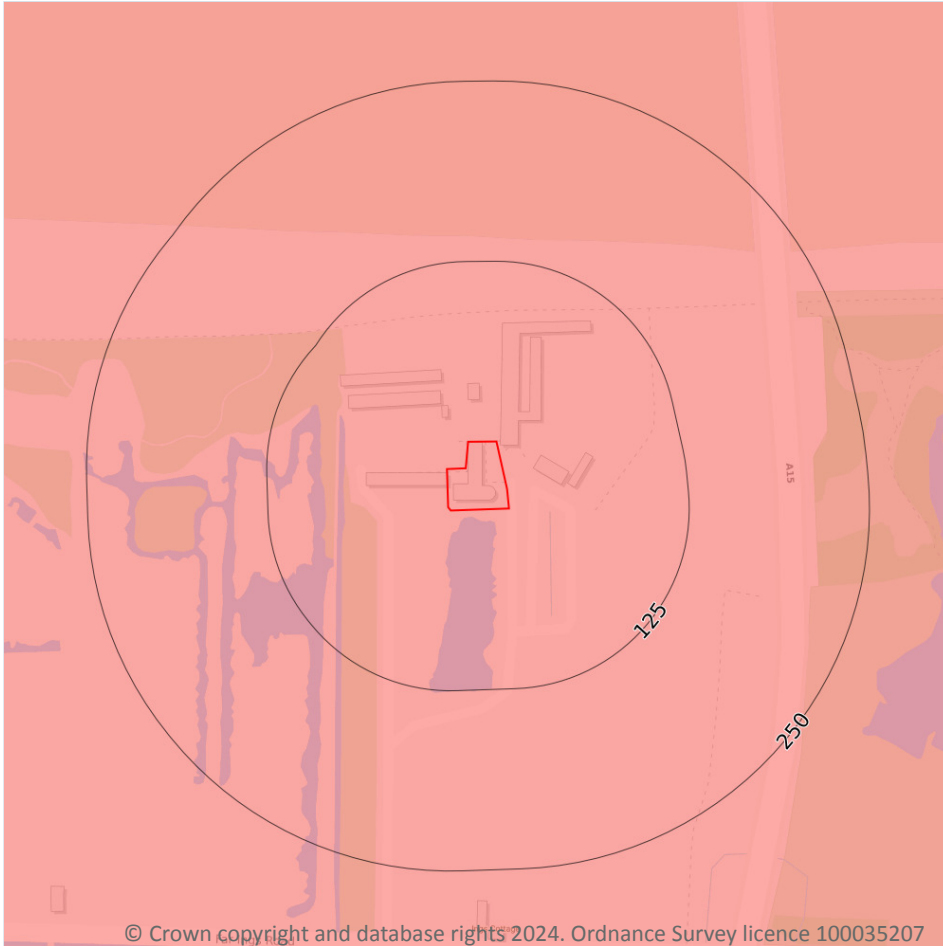
Features are displayed on the Natural ground subsidence - Running sands map on [page 145 >](#)

Location	Hazard rating	Details
On site	Moderate	Running sand conditions are probably present. Constraints may apply to land uses involving excavation or the addition or removal of water.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Compressible deposits



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17.3 Compressible deposits

Records within 50m

1

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

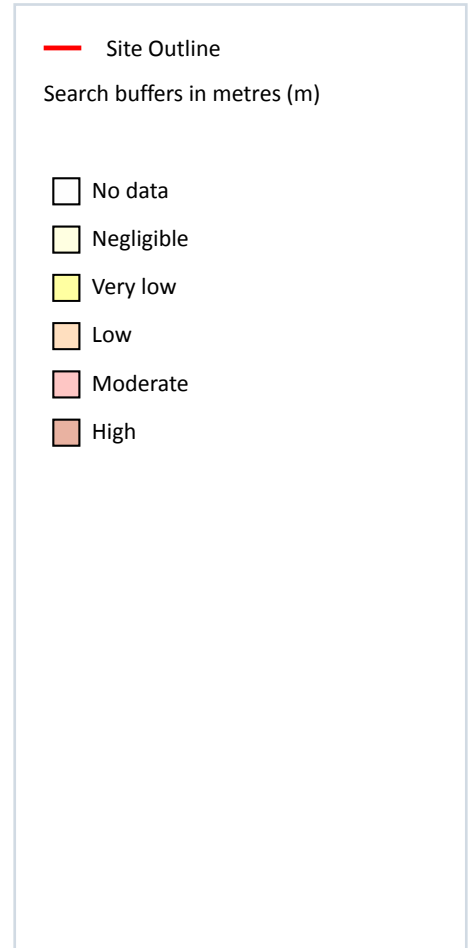
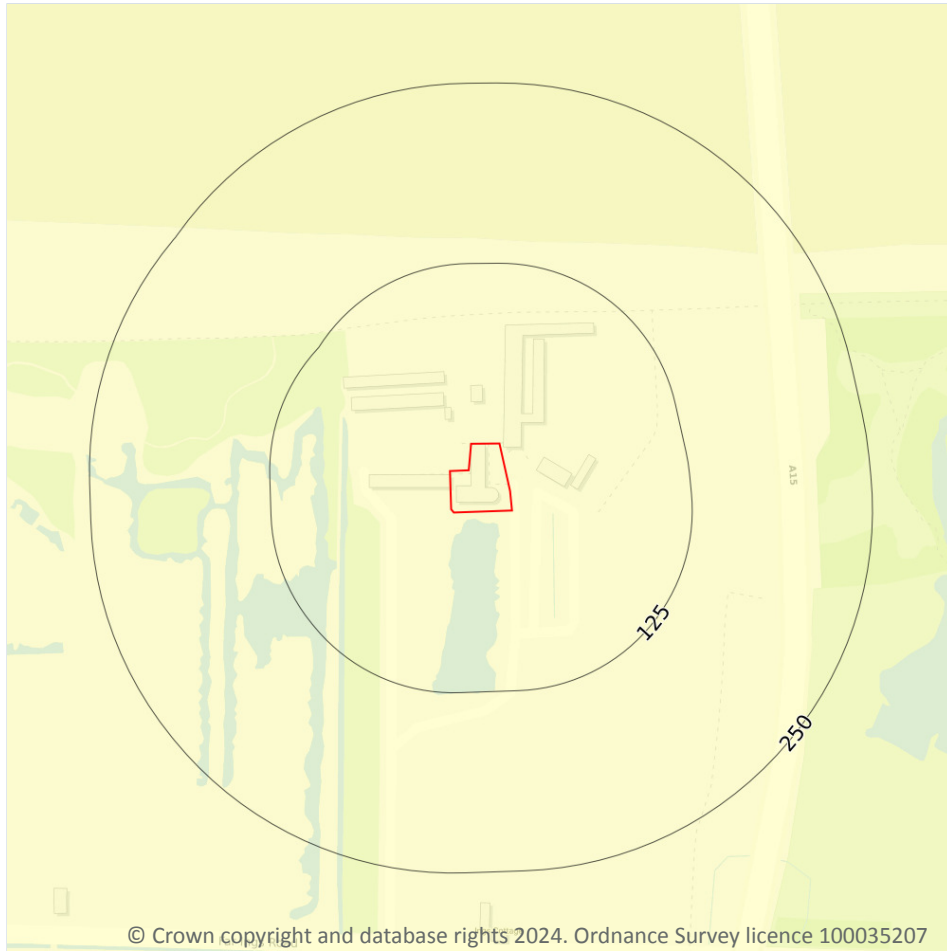
Features are displayed on the Natural ground subsidence - Compressible deposits map on [page 146](#) >

Location	Hazard rating	Details
On site	Moderate	Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Collapsible deposits



17.4 Collapsible deposits

Records within 50m

1

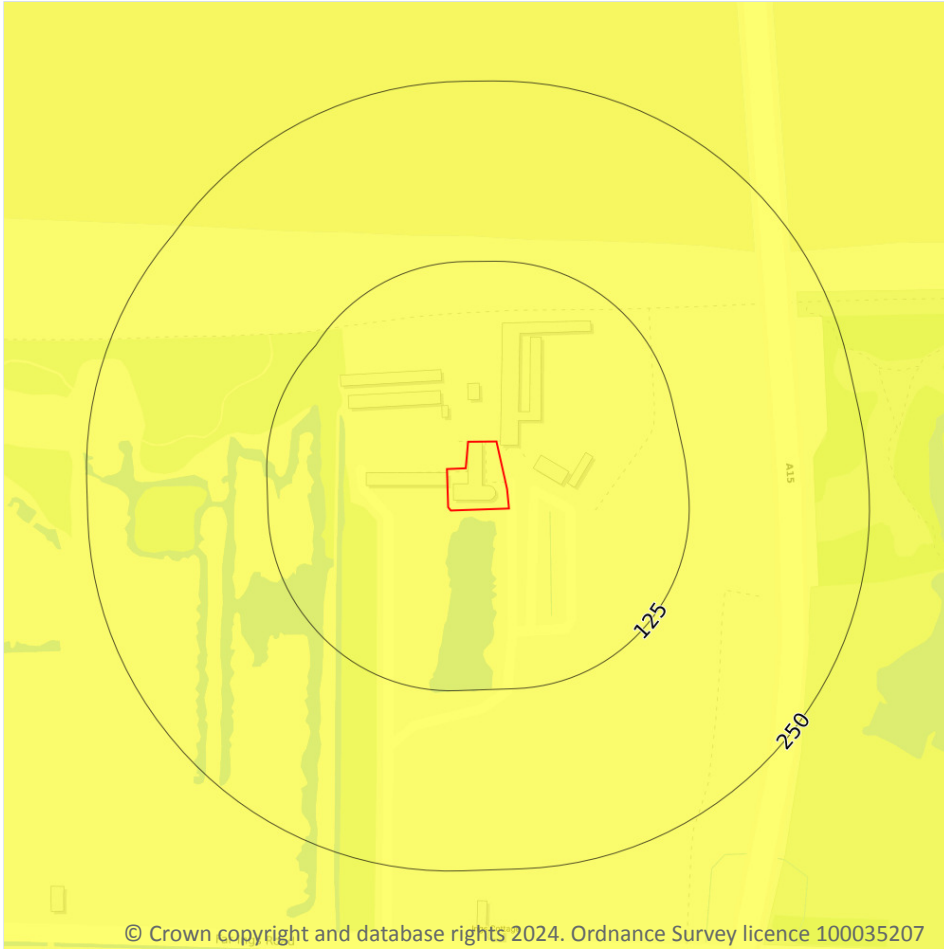
The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

Features are displayed on the Natural ground subsidence - Collapsible deposits map on [page 147 >](#)

Location	Hazard rating	Details
On site	Negligible	Deposits with potential to collapse when loaded and saturated are believed not to be present.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Landslides



— Site Outline
Search buffers in metres (m)

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

17.5 Landslides

Records within 50m

1

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

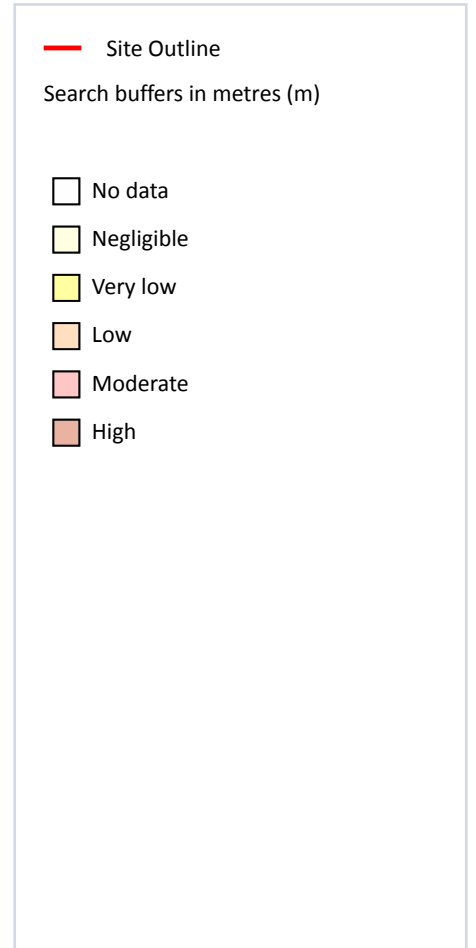
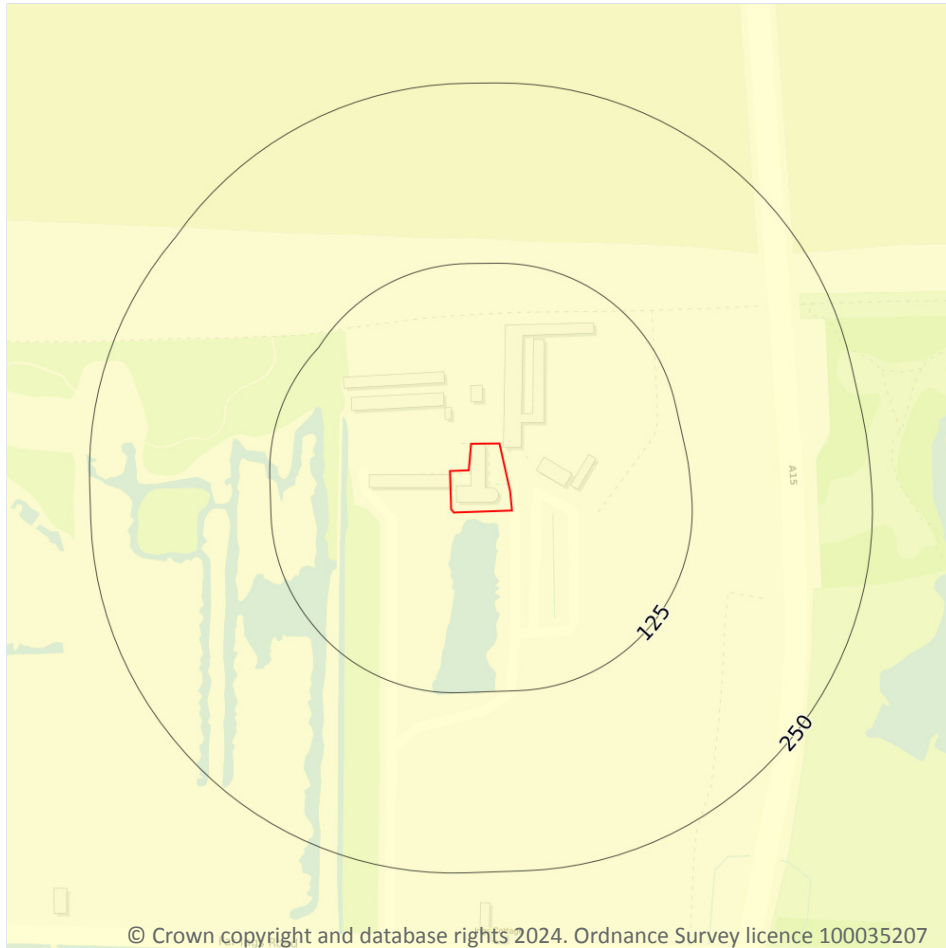
Features are displayed on the Natural ground subsidence - Landslides map on [page 148](#) >

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

This data is sourced from the British Geological Survey.



Natural ground subsidence - Ground dissolution of soluble rocks



17.6 Ground dissolution of soluble rocks

Records within 50m

1

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

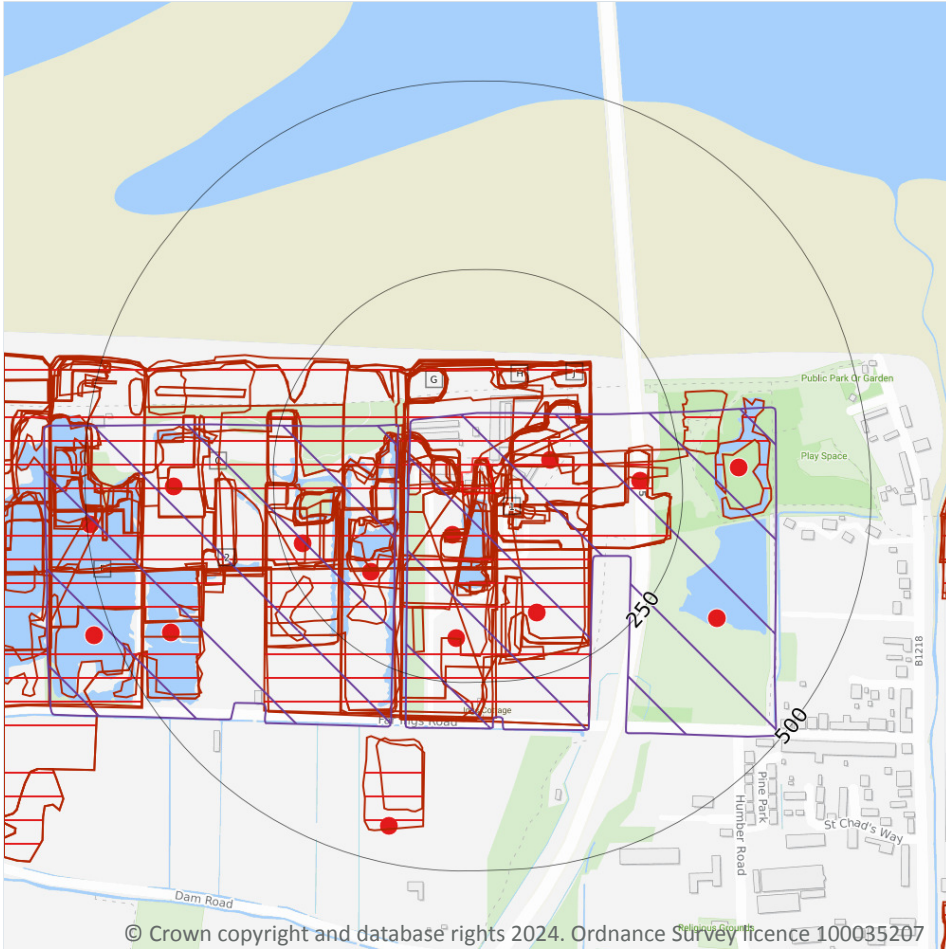
Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on [page 149 >](#)

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

This data is sourced from the British Geological Survey.



18 Mining and ground workings



18.1 BritPits

Records within 500m

13

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

Features are displayed on the Mining and ground workings map on [page 151](#) >

ID	Location	Details	Description
A	56m SW	Name: Ings Farm Yard Address: BARTON-UPON-HUMBER, Lincolnshire Commodity: Clay & Shale Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
A	80m E	Name: Far Ings Lane Clay Pit Address: BARTON-UPON-HUMBER, Lincolnshire Commodity: Clay & Shale Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
A	160m SW	Name: Far Ings Lane Clay Pit Address: BARTON-UPON-HUMBER, Lincolnshire Commodity: Clay & Shale Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
I	167m SE	Name: Far Ings Lane Clay Pit Address: BARTON-UPON-HUMBER, Lincolnshire Commodity: Clay & Shale Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
A	190m S	Name: Far Ings Lane Clay Pit Address: BARTON-UPON-HUMBER, Lincolnshire Commodity: Clay & Shale Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
D	194m E	Name: Far Ings Lane Clay Pit Address: BARTON-UPON-HUMBER, Lincolnshire Commodity: Clay & Shale Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority



ID	Location	Details	Description
B	222m W	Name: Far Ings Lane Clay Pit Address: BARTON-UPON-HUMBER, Lincolnshire Commodity: Clay & Shale Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
K	326m E	Name: Barton Waterside Clay Pit Address: BARTON-UPON-HUMBER, North Lincolnshire Commodity: Clay & Shale Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
4	338m SE	Name: Far Ings Lane Quarry Address: Hoe Hill, BARTON-UPON-HUMBER, Lincolnshire Commodity: Clay & Shale Status: Inactive	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, is not extracting minerals, but which still has a valid planning permission to do so, and can restart at any time. May be considered Mothballed by operator. May be considered to have Active or Dormant planning permission
E	382m W	Name: Far Ings Lane Clay Pit Address: BARTON-UPON-HUMBER, Lincolnshire Commodity: Clay & Shale Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
6	428m SW	Name: Far Ings Lane Clay Pit Address: BARTON-UPON-HUMBER, Lincolnshire Commodity: Clay & Shale Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
7	450m S	Name: Far Ings Lane Clay Pit Address: BARTON-UPON-HUMBER, Lincolnshire Commodity: Clay & Shale Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority



ID	Location	Details	Description
N	494m W	Name: Far Ings Lane Clay Pit Address: BARTON-UPON-HUMBER, Lincolnshire Commodity: Clay & Shale Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

This data is sourced from the British Geological Survey.

18.2 Surface ground workings

Records within 250m	114
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Historical land uses identified from Ordnance Survey mapping that involved ground excavation at the surface. These features may or may not have been subsequently backfilled.

Features are displayed on the Mining and ground workings map on [page 151](#) >

ID	Location	Land Use	Year of mapping	Mapping scale
A	On site	Brick Works	1948	1:10560
A	On site	Unspecified Pit	1906	1:10560
A	On site	Brick Works	1906	1:10560
A	On site	Unspecified Pits	1886	1:10560
A	On site	Brick Yard	1886	1:10560
A	On site	Ponds	1979	1:10000
A	On site	Brick Works	1930	1:10560
A	On site	Ponds	1938	1:10560
A	On site	Ponds	1908	1:10560
A	On site	Brick Works	1948	1:10560
A	On site	Brick Works	1970	1:10000
A	On site	Brick Works	1979	1:10000
A	On site	Brick Works	1930	1:10560
A	On site	Ponds	1930	1:10560
A	On site	Ponds	1948	1:10560
A	On site	Brick Works	1948	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
A	On site	Ponds	1948	1:10560
A	On site	Ponds	1906	1:10560
A	On site	Brick Works	1956	1:10560
A	On site	Unspecified Pits	1956	1:10560
A	On site	Brick Yard	1886	1:10560
A	On site	Unspecified Pit	1886	1:10560
B	On site	Water Bodies	1970	1:10000
C	On site	Brick Works	1938	1:10560
C	On site	Brick Works	1908	1:10560
A	1m SE	Unspecified Pit	1886	1:10560
A	3m W	Unspecified Pit	1948	1:10560
A	3m W	Ponds	1948	1:10560
A	3m W	Unspecified Pit	1930	1:10560
A	3m W	Unspecified Pit	1930	1:10560
A	4m SW	Unspecified Pit	1948	1:10560
A	4m SW	Unspecified Pit	1948	1:10560
A	6m SE	Unspecified Pit	1938	1:10560
A	6m SE	Unspecified Pit	1908	1:10560
A	6m SE	Unspecified Pit	1906	1:10560
A	6m SE	Ponds	1906	1:10560
A	9m S	Pond	1993	1:10000
A	9m W	Ponds	1938	1:10560
A	9m W	Ponds	1908	1:10560
A	9m W	Ponds	1906	1:10560
A	13m S	Ponds	1956	1:10560
A	17m NE	Unspecified Pit	1948	1:10560
A	17m NE	Unspecified Pit	1948	1:10560
A	18m SE	Ponds	1938	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
A	18m SE	Ponds	1908	1:10560
A	22m S	Pond	1886	1:10560
A	23m S	Pond	1886	1:10560
A	24m SE	Unspecified Pit	1948	1:10560
A	28m SE	Pond	1956	1:10560
A	29m SE	Pond	1948	1:10560
A	30m SE	Pond	1948	1:10560
A	34m NE	Unspecified Pit	1930	1:10560
A	34m NE	Unspecified Pit	1930	1:10560
A	48m NW	Unspecified Pit	1938	1:10560
A	48m NW	Unspecified Pit	1908	1:10560
A	55m W	Pond	1956	1:10560
A	65m NE	Unspecified Pit	1886	1:10560
A	65m NE	Unspecified Ground Workings	1886	1:10560
A	70m SE	Unspecified Heap	1930	1:10560
A	70m SE	Unspecified Heap	1930	1:10560
D	71m E	Unspecified Ground Workings	1948	1:10560
D	71m E	Unspecified Ground Workings	1948	1:10560
E	76m W	Brick Works	1906	1:10560
A	80m W	Ponds	1906	1:10560
A	81m W	Unspecified Pit	1906	1:10560
F	82m W	Water Bodies	1979	1:10000
A	84m W	Ponds	1938	1:10560
A	84m W	Ponds	1908	1:10560
A	87m W	Ponds	1930	1:10560
A	88m W	Pond	1886	1:10560
A	88m W	Pond	1886	1:10560
G	88m NW	Unspecified Pit	1930	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
G	88m NW	Unspecified Pit	1930	1:10560
G	90m NW	Unspecified Pit	1956	1:10560
G	91m NW	Unspecified Pit	1948	1:10560
G	91m NW	Unspecified Pit	1906	1:10560
G	92m NW	Unspecified Pit	1938	1:10560
G	92m NW	Unspecified Pit	1908	1:10560
H	94m N	Pond	1886	1:10560
A	95m SW	Pond	1948	1:10560
A	95m SW	Pond	1948	1:10560
A	96m SW	Pond	1993	1:10000
H	97m N	Pond	1886	1:10560
A	97m SW	Ponds	1906	1:10560
I	111m S	Pond	1948	1:10560
I	112m S	Pond	1956	1:10560
D	131m E	Unspecified Pit	1948	1:10560
J	132m NE	Pond	1886	1:10560
J	133m NE	Pond	1886	1:10560
E	158m W	Brick Yard	1886	1:10560
E	158m W	Brick Yard	1886	1:10560
A	159m SW	Pond	1948	1:10560
B	160m W	Unspecified Heap	1948	1:10560
B	161m W	Unspecified Heap	1956	1:10560
B	163m W	Unspecified Heap	1930	1:10560
B	163m W	Unspecified Heap	1930	1:10560
I	163m S	Unspecified Heap	1930	1:10560
I	163m S	Unspecified Heap	1930	1:10560
B	163m W	Unspecified Pit	1948	1:10560
B	163m W	Unspecified Pit	1956	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
B	165m W	Pond	1886	1:10560
B	166m W	Ponds	1906	1:10560
B	167m W	Ponds	1886	1:10560
B	170m W	Unspecified Heap	1948	1:10560
B	170m W	Unspecified Heap	1948	1:10560
B	184m W	Ponds	1938	1:10560
B	184m W	Ponds	1908	1:10560
B	208m W	Ponds	1886	1:10560
C	219m W	Unspecified Pit	1906	1:10560
C	220m W	Unspecified Pit	1938	1:10560
C	220m W	Unspecified Pit	1908	1:10560
C	228m W	Pond	1886	1:10560
C	229m W	Pond	1886	1:10560
B	233m SW	Pond	1948	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

18.3 Underground workings

Records within 1000m	1
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Historical land uses identified from Ordnance Survey mapping that indicate the presence of underground workings e.g. mine shafts.

Features are displayed on the Mining and ground workings map on [page 151 >](#)

ID	Location	Land Use	Year of mapping	Mapping scale
-	767m E	Unspecified Shaft	1886	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

18.4 Underground mining extents

Records within 500m

0

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

This data is sourced from Groundsure.

18.5 Historical Mineral Planning Areas

Records within 500m

2

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

Features are displayed on the Mining and ground workings map on [page 151](#) >

ID	Location	Site Name	Mineral	Type	Planning Status	Planning Status Date
1	On site	Ings Farm Yard	Clay	Surface mineral working	Valid	23/5/47
2	86m W	Far Ings Lane	Clay	Surface mineral working	Valid	6/8/47

This data is sourced from the British Geological Survey.

18.6 Non-coal mining

Records within 1000m

0

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

This data is sourced from the British Geological Survey.

18.7 JPB mining areas

Records on site

0

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

This data is sourced from Johnson Poole and Bloomer.



18.8 The Coal Authority non-coal mining

Records within 500m

0

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

This data is sourced from The Coal Authority.

18.9 Researched mining

Records within 500m

0

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

This data is sourced from Groundsure.

18.10 Mining record office plans

Records within 500m

0

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

This data is sourced from Groundsure.

18.11 BGS mine plans

Records within 500m

0

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

This data is sourced from Groundsure.



18.12 Coal mining

Records on site	0
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Areas which could be affected by past, current or future coal mining.

This data is sourced from the Coal Authority.

18.13 Brine areas

Records on site	0
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The Cheshire Brine Compensation District indicates areas that may be affected by salt and brine extraction in Cheshire and where compensation would be available where damage from this mining has occurred. Damage from salt and brine mining can still occur outside this district, but no compensation will be available.

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

18.14 Gypsum areas

Records on site	0
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Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.15 Tin mining

Records on site	0
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Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

18.16 Clay mining

Records on site	0
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Generalised areas that may be affected by kaolin and ball clay extraction.

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



19 Ground cavities and sinkholes

19.1 Natural cavities

Records within 500m

0

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

This data is sourced from Stantec UK Ltd.

19.2 Mining cavities

Records within 1000m

0

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

This data is sourced from Stantec UK Ltd.

19.3 Reported recent incidents

Records within 500m

0

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

This data is sourced from Groundsure.

19.4 Historical incidents

Records within 500m

0

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

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



This data is sourced from Groundsure.

19.5 National karst database

Records within 500m

0

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

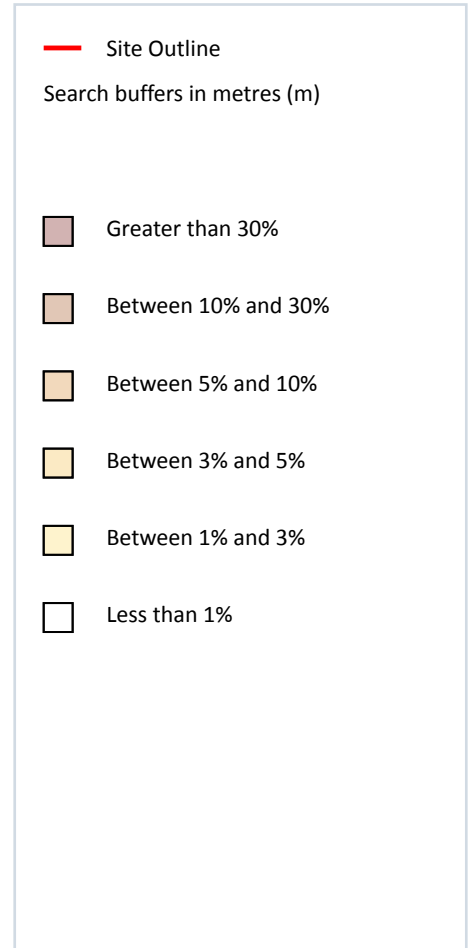
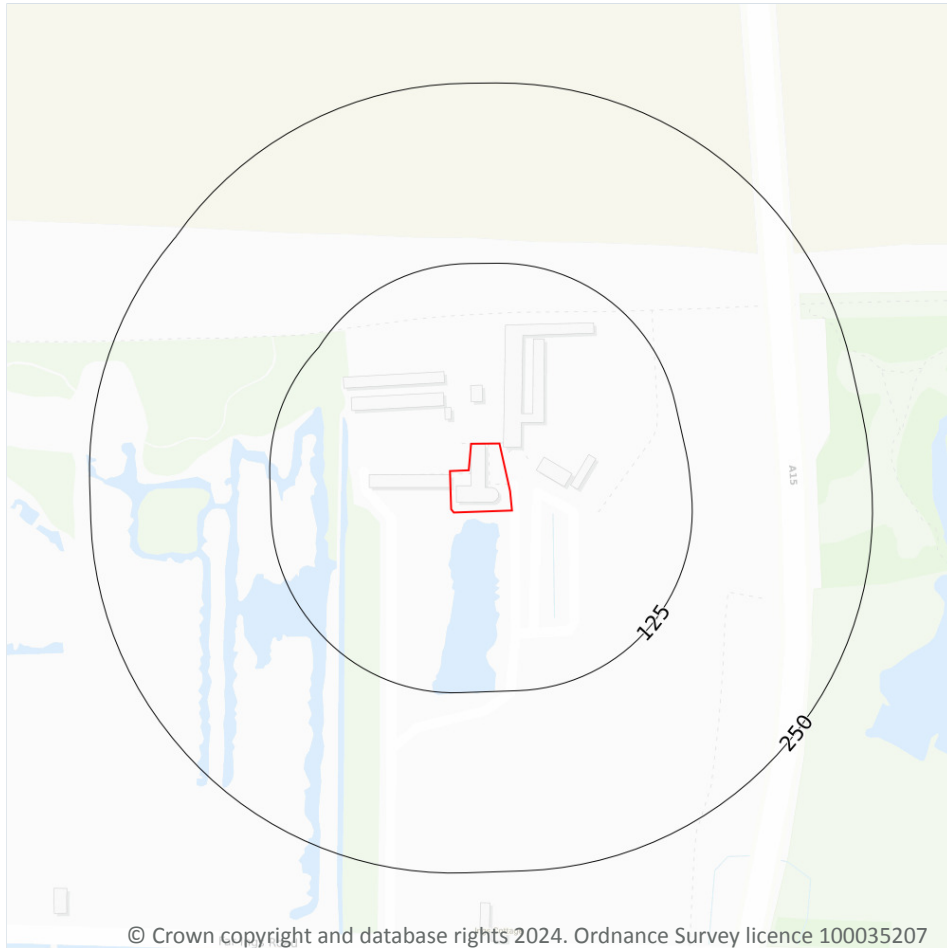
Since the database was set up in 2002 data covering most of the evaporite karst areas of the UK have now been added, along with data covering about 60% of the Chalk, and 35% of the Carboniferous Limestone outcrops. Many of the classic upland karst areas have yet to be included. Recorded so far are: Over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

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

This data is sourced from the British Geological Survey.



20 Radon



20.1 Radon

Records on site

1

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

Features are displayed on the Radon map on [page 164 >](#)

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

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



21 Soil chemistry

21.1 BGS Estimated Background Soil Chemistry

Records within 50m

2

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

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg
33m NW	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg

This data is sourced from the British Geological Survey.

21.2 BGS Estimated Urban Soil Chemistry

Records within 50m

0

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

This data is sourced from the British Geological Survey.

21.3 BGS Measured Urban Soil Chemistry

Records within 50m

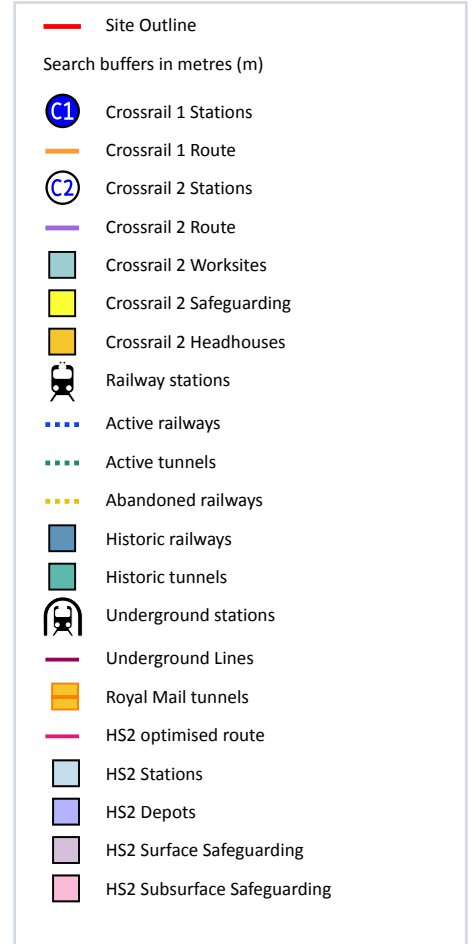
0

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

This data is sourced from the British Geological Survey.



22 Railway infrastructure and projects



22.1 Underground railways (London)

Records within 250m

0

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

This data is sourced from publicly available information by Groundsure.

22.2 Underground railways (Non-London)

Records within 250m

0

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

This data is sourced from publicly available information by Groundsure.

22.3 Railway tunnels

Records within 250m

0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

22.4 Historical railway and tunnel features

Records within 250m

10

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

Features are displayed on the Railway infrastructure and projects map on [page 167 >](#)

Location	Land Use	Year of mapping	Mapping scale
On site	Tramway Sidings	1932	2500
On site	Mineral Railway Sidings	1981	2500
On site	Mineral Railway Sidings	1983	2500
On site	Mineral Railway Sidings	1967	2500
On site	Railway Sidings	1938	10560
On site	Railway Sidings	1908	10560
On site	Mineral Railway Sidings	1970	10000
On site	Railway Sidings	1948	10560
On site	Railway Sidings	1906	10560
On site	Railway Sidings	1930	10560

This data is sourced from Ordnance Survey/Groundsure.

22.5 Royal Mail tunnels

Records within 250m

0

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



This data is sourced from Groundsure/the Postal Museum.

22.6 Historical railways

Records within 250m

0

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

This data is sourced from OpenStreetMap.

22.7 Railways

Records within 250m

0

Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways.

This data is sourced from Ordnance Survey and OpenStreetMap.

22.8 Crossrail 1

Records within 500m

0

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

This data is sourced from publicly available information by Groundsure.

22.9 Crossrail 2

Records within 500m

0

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

This data is sourced from publicly available information by Groundsure.

22.10 HS2

Records within 500m

0

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

This data is sourced from HS2 Ltd.



Data providers

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

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