



Ground Condition Consultants

REDHORN CLOSE, POOLE, BH16 5BE

GROUND CONDITION DESK TOP STUDY

NOVEMBER 2022

Prepared for
BCP Council
Civic Centre
Bourne Avenue
Bournemouth
Dorset
BH2 6DY

Prepared by
Ground Condition Consultants Ltd
10 Waldegrave Close
Southampton
Hampshire
SO19 9RY

ask@groundcc.com
www.groundcc.com

VERSION CONTROL

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Desk Top Study	
Prepared by: Antony Platt - Director	Reviewed by: Rasmus Palmgren - Director

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0. EXECUTIVE SUMMARY

Brief	The brief was to use the information provided in an Environmental Database Search and by the Client relating to the site to assess and report on the findings with respect to potential ground contamination and potential associated future liabilities in accordance with the Preliminary Risk Assessment procedure outlined in Land Contamination Risk Management (LCRM), published by the Environment Agency.
Current Site Status	The site is located at Redhorn Close, Poole, BH16 5BE and comprises an undeveloped parcel of land on both sides of Redhorn Close. The site is laid to lawn with several mature and semi mature deciduous trees. Several manhole covers were also noted within the grasses areas of the site, indicating the presence of underground services. No obvious sources of contamination were observed on or immediately surrounding the site.
Site History	The historical maps from 1887 to 1957 show the site to have been comprised part of farms fields. The 1963 map shows Redhorn Close and the surrounding residential properties to have been constructed with the site area shown to be undeveloped. This layout remains to the present day with no evidence that the site has been developed.
Geology	Reference to the British Geological Survey (BGS) Map extracts indicates the site to directly overlie bedrock geology of the Oakdale Clay Member (clay).
Hydrogeology	The Environment Agency Groundwater Vulnerability Map extracts indicate the site to be overlying an Unproductive Stratum, interpreted as the Oakdale Clay Member.
Hydrology	There are no surface water features within 250m of the site.
Conclusions and Recommendations	<p>The preliminary risk assessment has not identified any likely sources of contamination on site. The risks to human health from the potential soil contamination are therefore not considered to be significant as no potentially significant pollutant linkage have been identified.</p> <p>As such, an intrusive investigation, including ground gas monitoring, is not specifically recommended to further assess the contamination risks but may be required for foundation design purposes.</p> <p>It should be noted that additional sources of contamination may become apparent during any development of the site. In particular, while no suspect asbestos containing materials were observed during the walkover survey, vigilance should be maintained throughout the development works for such materials.</p> <p>A discovery strategy is recommended during any redevelopment of the site to address any as yet unidentified contamination that may be identified during the works and is included in Appendix 4.</p> <p>Intrusive investigation of the site is recommended with regard to foundation design. Of particular note is the potential for shrink/swell of the underlying clay and the influence of the trees on and adjacent to the site in regard to this potential.</p>
<p><i>This sheet is intended to provide a summary only of the initial indicative assessment study of the site in relation to ground contamination. It does not provide a definitive engineering analysis for the purposes of costing or construction, and is subject to the limitation of the agreed brief.</i></p>	

1. INTRODUCTION

1.1 INSTRUCTION

Ground Condition Consultants Ltd. (GCC) was commissioned by BCP Council in November 2022 to undertake a Ground Condition Desk Top Study of a site at Redhorn Close, Poole, BH16 5BE.

The brief was to use the information provided in an Environmental Database Search and by the Client relating to the site to assess and report on the findings with respect to potential ground contamination and potential associated future liabilities in accordance with the Preliminary Risk Assessment procedure outlined in Land Contamination Risk Management (LCRM), published by the Environment Agency.

This report is prepared in line with the agreed brief and is subject to the report conditions shown in Appendix 1.

1.2 LEGAL CONTEXT

Part IIA of the Environmental Protection Act 1990 (inserted by Section 57 of the Environment Act 1995) provides a regime for the control of specific threats to health or the environment from land contamination. In accordance with the Act and the statutory guidance document 'The Contaminated Land (England) Regulations 2000', the definition of contaminated land is intended to embody the concept of risk assessment. Within the meaning of the Act, land is only "contaminated land" where it appears to the Regulatory Authority, by reason of substances within or under the land, that:

- Significant harm is being caused, or there is a significant possibility of such harm being caused; or
- Pollution of controlled waters is being, or is likely to be, caused."

Inherent in this definition is the requirement for contamination risk assessment to be undertaken on a site specific basis, as the potential for harm is determined by the site's end use and its specific environmental setting.

The guidance defines "risk" as the combination of:

- The probability, or frequency, of occurrence of a defined hazard (for example, exposure of a property to a substance with the potential to cause harm); and
- The magnitude (including the seriousness) of the consequences.

While Part IIA of the Environmental Protection Act provides a risk based approach to the identification and remediation of land where contamination poses an unacceptable risk to human health or the environment, the regime does not take into account future uses. New developments are therefore controlled by the planning regime, with reference to the National Planning Policy Framework (NPPF), rather than directly by Part IIA of the Environmental Protection Act.

The NPPF is based on the principal that the site should be suitable for its new use, taking account of ground conditions, including from natural hazards or former activities and states that “Where a site is affected by contamination or land stability issues, responsibility for securing a safe development rests with the developer and/or landowner”. The NPPF also links the planning and Part IIA regimes by stating that “after remediation, as a minimum, land should not be capable of being determined as contaminated land under Part IIA of the Environmental Protection Act 1990”. Key components of the Part IIA regime, such as the definition of Contaminated Land and the associated risk based assessment approach, are therefore considered to also be applicable to the planning regime.

1.3 METHODOLOGY

This report has been prepared in accordance with published Environment Agency guidance (‘Land Contamination Risk Management (LCRM)’). LCRM provides the technical framework for structured decision making about land contamination and builds on previous work carried out under the Contaminated Land Research Programme (of the former Department of the Environment) and the Model Procedures for the Management of Land Contamination – Contaminated Land Report (CLR) 11. LCRM has adopted and refined the well recognised methodology and terminology that has been used in contaminated land risk assessment for a number of years.

1.3.1. Pollutant linkage concept

In the context of land contamination, there are three essential elements to any risk:

- A **contaminant source** – a substance that is in, on or under the land and has the potential to cause harm or to cause pollution of controlled waters.
- A **receptor** – in general terms, something that could be adversely affected by a contaminant, such as people, an ecological system, property, or a water body.
- A **pathway** – a route or means by which a receptor can be exposed to, or affected by, a contaminant.

Each of these elements can exist independently, but they create a risk only where they are linked together, so that a particular contaminant affects a particular receptor through a particular pathway. This kind of linked combination of contaminant–pathway–receptor is described as a pollutant linkage.

1.3.2. Conceptual model

An important thread throughout the overall process of risk assessment is the need to formulate and develop a **conceptual model** for the site, which supports the identification and assessment of pollutant linkages. A conceptual model represents the characteristics of the site in diagrammatic or written form that shows the possible relationships between contaminants, pathways and receptors (pollutant linkages).

1.3.3. Risk assessment

LCRM advocates a phased approach to risk assessment comprising the following in order, as necessary:

Preliminary Risk Assessment – a desk study consisting of a review of documentary, anecdotal and site walk over evidence.

Generic Quantitative Risk Assessment (GQRA) - comparison of contaminant concentrations obtained from site investigation with generic assessment criteria.

Detailed Quantitative Risk Assessment (DQRA) - comparison of contaminant concentrations obtained from site investigation with site-specific assessment criteria.

This document constitutes a Preliminary Risk Assessment.

1.4 PROPOSED USE

It is currently understood that residential dwellings and gardens with associated parking spaces are to be developed on the parcel of land.

A change in the site use from that currently proposed may result in the need for re-assessment of risk criteria and the conclusions and recommendations resulting from the risk assessment could therefore significantly change.

1.5 REPORT SCOPE AND LIMITATIONS

This report is based upon a review of readily available historical and current information, a site walkover survey, geological and hydrogeological maps and information from an environmental database search. The assessment is based on the proposed use stated in Section 1.4 and the outcomes of this assessment could change if the end uses change.

The information contained in this report is intended for the use of BCP Council. GCC can take no responsibility for the use of this information by any other party or for uses other than that described in this report.

2. PRELIMINARY RISK ASSESSMENT

2.1 SITE LOCATION AND DESCRIPTION

The site is located at Redhorn Close, Poole, BH16 5BE and comprises an undeveloped parcel of land on both sides of Redhorn Close. The site is laid to lawn with several mature and semi mature deciduous trees. Several manhole covers were also noted within the grasses areas of the site, indicating the presence of underground services. No obvious sources of contamination were observed on or immediately surrounding the site.

The site is located in a residential area with residential properties and gardens in the immediate vicinity to the north, east and west. Further residential properties and gardens are located beyond Russell Gardens/Fitzworth Avenue to the south.

2.2 SITE HISTORY

The historical maps from 1887 to 1957 show the site to have been comprised part of farms fields. The 1963 map shows Redhorn Close and the surrounding residential properties to have been constructed with the site area shown to be undeveloped. This layout remains to the present day with no evidence that the site has been developed.

2.3 DOCUMENTATED GROUND CONDITIONS

Ground conditions recorded in readily available sources are summarised below.

2.3.1. Geology

Reference to the British Geological Survey (BGS) Map extracts (see Appendix 2) indicates the site to directly overlie bedrock geology of the Oakdale Clay Member (clay).

2.3.2. Hydrogeology

The Environment Agency Groundwater Vulnerability Map extracts (see Appendix 2) indicate the site to be overlying an Unproductive Stratum, interpreted as the Oakdale Clay Member.

Unproductive Strata are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow.

The site is not located within a Groundwater Source Protection Zone.

2.3.3. Hydrology

There are no surface water features within 250m of the site.

2.3.4. Radon

Radon is a naturally occurring radioactive gas which may be harmful to human health. Radon is generally released into the atmosphere in areas underlain by granite and limestone. Harmful concentrations of radon may build up if it becomes trapped in an enclosed space such as a building.

BGS/Public Health England data presented within the Groundsure Report indicates that the percentage of houses exceeding the Action Levels for Radon in this area is less than 1% . Therefore, the property is not in a Radon Affected Area, as defined by the Health Protection Agency (HPA), and radon protection measures are not necessary in new dwellings or extensions.

2.4 ENVIRONMENTAL DATA SEARCH

A search of an environmental database was undertaken together with information from various other organisations as part of the desk study and is summarised in the following sections. The following summary is generally limited to locations within 250m of the site boundaries unless it is considered that installations or activities beyond that range could potentially have an impact on the site or be affected by the redevelopment of the site.

Table 2.1. Data search results

Discharge consents	There are no recorded water discharge consents within 250m of the site.
Pollution incidents	There is 1 recorded pollution incident recorded within 250m of the site. <ul style="list-style-type: none"> Located approx. 247m to the west of the site, Incident date is 18/08/01 with pollutant description as chemicals/products. There was no impact to water and air (category 4) and a minor impact to land (category 3).
Water abstractions	There are no recorded groundwater or surface water abstraction within 250m of the site.
Fuel Stations	There are no recorded fuel stations within 250m of the site.
Landfill Sites	There is 1 recorded (historical) landfill site within 250m of the site. <ul style="list-style-type: none"> Located at Foreland Rd, Turlin Moor (approx. 181m to the north-west). Waste type was inert, industrial. The last recorded waste disposal was in 1990.

2.5 MINING AND NATURAL GROUND HAZARDS

2.5.1. Mining

The site is located in an area that is not likely to have been affected by mining.

2.5.2. Natural Ground Hazards

The following ground hazards were identified:

Compressible ground stability hazards – Negligible hazard

BGS Notes: Compressible strata are not thought to occur.

Collapsible ground stability hazards – Very Low hazard

BGS Notes: Deposits with potential to collapse when loaded and saturated are unlikely to be present.

Ground dissolution stability hazards – Negligible hazard

BGS Notes: Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.

Landslide ground stability hazard – Very Low hazard

BGS Notes: Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.

Shrinking or swelling clay ground stability hazard – Moderate hazard

BGS Notes: Ground conditions predominantly high plasticity.

Running sand ground stability hazards – Negligible hazard

BGS Notes: Running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.

2.6 DEPARTMENT OF ENVIRONMENT – INDUSTRY PROFILES

The Department of the Environment Industry Profiles do not cover the current or former uses of the site.

3. CONCEPTUAL SITE MODEL

3.1 SOURCES

The conceptual model, based on information obtained as part of the preliminary risk assessment, has not identified any potentially significant contaminant sources with regard to the proposed development or environmental receptors.

In particular, ground gas has been considered as a potential source but no on-site sources of potentially significant ground gas generation with the potential to impact the site, such as Made Ground or natural deposits with a high organic matter content, have been identified as part of this assessment. It is noted that a former landfill is located some 180m to the northwest of the site although, due to the underlying clay geology, a viable migration pathway for ground gas to the site is not considered to exist.

As the site is surrounded by developed land, the potential exists for unexpected contamination, including asbestos containing materials, to be encountered during development works. However, the available data do not indicate that such contamination is likely to be present.

3.2 PATHWAYS AND RECEPTORS

As no potentially significant sources of contamination have been identified, no potentially viable pollutant linkages are considered to be present with regard to the proposed development. Further discussion of pathways and receptors is therefore not considered to be appropriate.

4. CONCLUSIONS AND RECOMMENDATIONS

The preliminary risk assessment has not identified any likely sources of contamination on site. The risks to human health from the potential soil contamination are therefore not considered to be significant as no potentially significant pollutant linkage have been identified.

As such, an intrusive investigation, including ground gas monitoring, is not specifically recommended to further assess the contamination risks but may be required for foundation design purposes.

It should be noted that additional sources of contamination may become apparent during any development of the site. In particular, while no suspect asbestos containing materials were observed during the walkover survey, vigilance should be maintained throughout the development works for such materials.

While construction workers have been excluded from this assessment on the basis that they are subject to health and safety at work regulations and are expected to use appropriate personal protective equipment (PPE), any ground works contactors working on the site, including installing new underground services, should be made aware of the potential for contamination to be present within the ground underlying the site surfacing.

A discovery strategy is recommended during any redevelopment of the site to address any as yet unidentified contamination that may be identified during the works and is included in Appendix 4.

Intrusive investigation of the site is recommended with regard to foundation design. Of particular note is the potential for shrink/swell of the underlying clay and the influence of the trees on and adjacent to the site in regard to this potential.

FIGURE 1: LOCATION PLAN



Ground Condition Consultants Ltd
 10 Waklegrave Close Southampton SO19 9RY
 Telephone 07971 450113
 ask@groundcc.co.uk www.groundcc.co.uk

client
 BCP COUNCIL

site
 REDHORN CLOSE, POOLE

title
 SITE LOCATION PLAN

scale	NTS	drawn by	AP	checked by	RP
date	08 NOV 2022	job no	J22-070		
drawing number	FIGURE 1			rev.	-

FIGURE 2:LAYOUT PLAN



Ground Condition Consultants Ltd
 10 Wakegrave Close Southampton SO19 9RY
 Telephone 07971 450113
 ask@groundcc.co.uk www.groundcc.co.uk

client
 BCP COUNCIL

site
 REDHORN CLOSE, POOLE

title
 EXISTING LAYOUT PLAN

scale	NTS	drawn by	AP	checked by	RP
date	08 NOV 2022	job no	J22-070		
drawing number	FIGURE 2			rev.	-

APPENDIX 1: REPORT CONDITIONS

This report is produced solely for the benefit of **BCP Council** and no liability is accepted for any reliance placed on it by any other party unless specifically agreed in writing otherwise.

This report refers, within the limitations stated, to the condition of the Site at the time of the inspections. No warranty is given as to the possibility of future changes in the condition of the Site.

This report is based on a visual Site inspection, study of readily accessible referenced historical records, information supplied by those parties noted in the text and preliminary discussions with local and Statutory Authorities. Some of the opinions are based on unconfirmed data and information and are presented in good faith without exhaustive clarification. Where ground contamination is suspected but no physical Site test results are available to confirm this, the report must be regarded as initial advice only, and further assessment should be undertaken prior to detailed activities related to the Site. Where test results undertaken by others have been made available these can only be regarded as a limited sample. The possibility of the presence of contaminants, not revealed by this research cannot be discounted.

Whilst confident in the findings detailed within this report because there are no exact UK definitions of these matters, being subject to risk analysis, we are unable to give categorical assurances that they will be accepted by Authorities or Funds etc. without question, as such bodies may have unpublished, often more stringent objectives. This report is prepared for the proposed uses stated in the report and should not be used in a different context without reference to Ground Condition Consultants Ltd. In time improved practices or amended legislation may necessitate a re-assessment.

The report is necessarily limited to those aspects of land contamination specifically reported on and no liability is accepted for any other aspect especially concerning gradual or sudden pollution incidents that may occur. The opinions expressed cannot be absolute due to the limitations of time and resources within the context of the agreed brief and the possibility of unrecorded previous use and abuse of the Site and adjacent Sites. The report concentrates on the Site as defined in the report and provides an opinion on surrounding Sites. If migrating pollution or contamination (past or present) exists this can only practically be better assessed following extensive on and off Site intrusive investigations and monitoring.

APPENDIX 2: GROUNDSURE REPORT

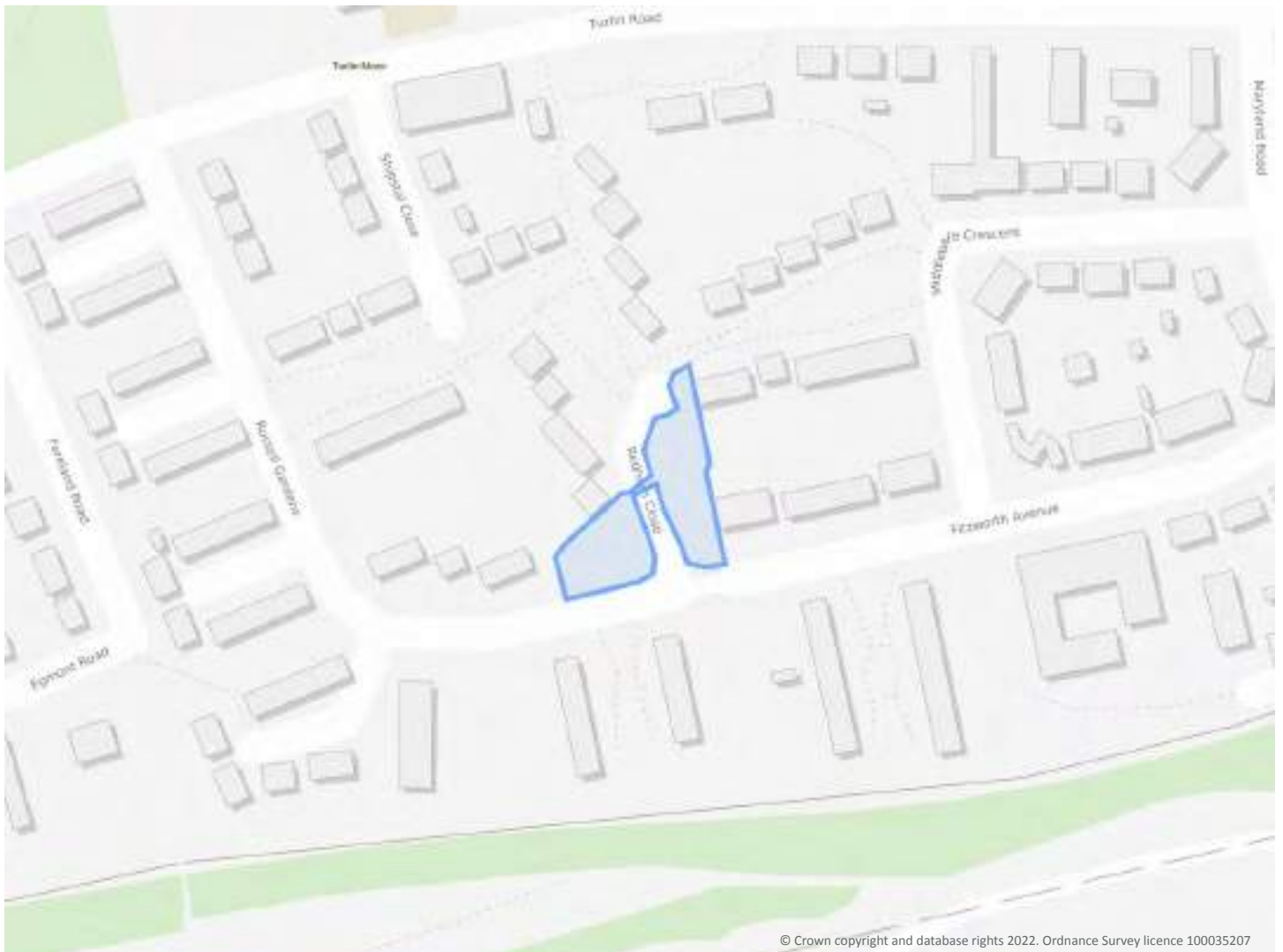
REDHORN CLOSE, POOLE, BH16 5BE

Order Details

Date: 04/11/2022
Your ref: J22-070
Our Ref: GS-9175487

Site Details

Location: 398217 091592
Area: 0.2 ha
Authority: [Bournemouth, Christchurch and Poole Council](#)



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Summary of findings

p. 2

Aerial image

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OS MasterMap site plan

p.13

groundsure.com/insightuserguide

Contact us with any questions at:

info@groundsure.com

08444 159 000

Summary of findings

Page	Section	Past land use	On site	0-50m	50-250m	250-500m	500-2000m
14	1.1	<u>Historical industrial land uses</u>	0	0	18	70	-
18	1.2	<u>Historical tanks</u>	0	0	0	13	-
19	1.3	<u>Historical energy features</u>	0	1	5	12	-
20	1.4	<u>Historical petrol stations</u>	0	0	0	1	-
20	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	<u>Historical industrial land uses</u>	0	0	30	95	-
26	2.2	<u>Historical tanks</u>	0	0	0	29	-
27	2.3	<u>Historical energy features</u>	0	6	20	20	-
29	2.4	<u>Historical petrol stations</u>	0	0	0	1	-
30	2.5	Historical garages	0	0	0	0	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
31	3.1	Active or recent landfill	0	0	0	0	-
31	3.2	Historical landfill (BGS records)	0	0	0	0	-
32	3.3	<u>Historical landfill (LA/mapping records)</u>	0	0	0	2	-
32	3.4	<u>Historical landfill (EA/NRW records)</u>	0	0	1	0	-
32	3.5	Historical waste sites	0	0	0	0	-
33	3.6	<u>Licensed waste sites</u>	0	0	0	4	-
34	3.7	<u>Waste exemptions</u>	0	0	0	29	-
Page	Section	Current industrial land use	On site	0-50m	50-250m	250-500m	500-2000m
37	4.1	<u>Recent industrial land uses</u>	0	0	11	-	-
38	4.2	Current or recent petrol stations	0	0	0	0	-
38	4.3	Electricity cables	0	0	0	0	-
38	4.4	Gas pipelines	0	0	0	0	-
39	4.5	Sites determined as Contaminated Land	0	0	0	0	-



39	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
39	4.7	Regulated explosive sites	0	0	0	0	-
39	4.8	Hazardous substance storage/usage	0	0	0	0	-
39	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
40	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
40	4.11	<u>Licensed pollutant release (Part A(2)/B)</u>	0	0	0	2	-
40	4.12	Radioactive Substance Authorisations	0	0	0	0	-
40	4.13	Licensed Discharges to controlled waters	0	0	0	0	-
41	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
41	4.15	Pollutant release to public sewer	0	0	0	0	-
41	4.16	List 1 Dangerous Substances	0	0	0	0	-
41	4.17	List 2 Dangerous Substances	0	0	0	0	-
41	4.18	<u>Pollution Incidents (EA/NRW)</u>	0	0	1	1	-
42	4.19	Pollution inventory substances	0	0	0	0	-
42	4.20	Pollution inventory waste transfers	0	0	0	0	-
42	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
43	5.1	<u>Superficial aquifer</u>	Identified (within 500m)				
45	5.2	<u>Bedrock aquifer</u>	Identified (within 500m)				
47	5.3	<u>Groundwater vulnerability</u>	Identified (within 50m)				
48	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
48	5.5	Groundwater vulnerability- local information	None (within 0m)				
49	5.6	Groundwater abstractions	0	0	0	0	0
49	5.7	Surface water abstractions	0	0	0	0	0
49	5.8	Potable abstractions	0	0	0	0	0
49	5.9	Source Protection Zones	0	0	0	0	-
50	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
51	6.1	Water Network (OS MasterMap)	0	0	0	-	-



51	6.2	Surface water features	0	0	0	-	-
52	6.3	<u>WFD Surface water body catchments</u>	1	-	-	-	-
52	6.4	WFD Surface water bodies	0	0	0	-	-
52	6.5	<u>WFD Groundwater bodies</u>	1	-	-	-	-

Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
54	7.1	Risk of flooding from rivers and the sea	None (within 50m)				
54	7.2	Historical Flood Events	0	0	0	-	-
54	7.3	Flood Defences	0	0	0	-	-
55	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
55	7.5	Flood Storage Areas	0	0	0	-	-
56	7.6	Flood Zone 2	None (within 50m)				
56	7.7	Flood Zone 3	None (within 50m)				

Page	Section	Surface water flooding					
57	8.1	<u>Surface water flooding</u>	1 in 1000 year, 0.1m - 0.3m (within 50m)				

Page	Section	Groundwater flooding					
59	9.1	<u>Groundwater flooding</u>	Moderate-High (within 50m)				

Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
60	10.1	<u>Sites of Special Scientific Interest (SSSI)</u>	0	0	1	1	12
61	10.2	<u>Conserved wetland sites (Ramsar sites)</u>	0	0	0	1	10
72	10.3	<u>Special Areas of Conservation (SAC)</u>	0	0	1	0	6
73	10.4	<u>Special Protection Areas (SPA)</u>	0	0	1	1	6
75	10.5	<u>National Nature Reserves (NNR)</u>	0	0	0	0	1
75	10.6	<u>Local Nature Reserves (LNR)</u>	0	0	0	1	1
76	10.7	<u>Designated Ancient Woodland</u>	0	0	0	0	2
76	10.8	Biosphere Reserves	0	0	0	0	0
76	10.9	Forest Parks	0	0	0	0	0
77	10.10	Marine Conservation Zones	0	0	0	0	0
77	10.11	<u>Green Belt</u>	0	0	1	0	8
77	10.12	Proposed Ramsar sites	0	0	0	0	0



78	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
78	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
78	10.15	Nitrate Sensitive Areas	0	0	0	0	0
78	10.16	<u>Nitrate Vulnerable Zones</u>	0	0	0	0	1
80	10.17	<u>SSSI Impact Risk Zones</u>	1	-	-	-	-
81	10.18	<u>SSSI Units</u>	0	0	1	3	48
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
112	11.1	World Heritage Sites	0	0	0	-	-
112	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
112	11.3	National Parks	0	0	0	-	-
112	11.4	Listed Buildings	0	0	0	-	-
113	11.5	Conservation Areas	0	0	0	-	-
113	11.6	Scheduled Ancient Monuments	0	0	0	-	-
113	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
114	12.1	<u>Agricultural Land Classification</u>	Urban (within 250m)				
115	12.2	<u>Open Access Land</u>	0	0	1	-	-
115	12.3	<u>Tree Felling Licences</u>	0	0	5	-	-
115	12.4	Environmental Stewardship Schemes	0	0	0	-	-
116	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
117	13.1	<u>Priority Habitat Inventory</u>	0	0	19	-	-
118	13.2	<u>Habitat Networks</u>	1	0	7	-	-
119	13.3	Open Mosaic Habitat	0	0	0	-	-
119	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
120	14.1	<u>10k Availability</u>	Identified (within 500m)				
121	14.2	Artificial and made ground (10k)	0	0	0	0	-
122	14.3	Superficial geology (10k)	0	0	0	0	-

122	14.4	Landslip (10k)	0	0	0	0	-
123	14.5	Bedrock geology (10k)	0	0	0	0	-
123	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
124	15.1	<u>50k Availability</u>	Identified (within 500m)				
125	15.2	<u>Artificial and made ground (50k)</u>	0	0	1	1	-
126	15.3	Artificial ground permeability (50k)	0	0	-	-	-
127	15.4	<u>Superficial geology (50k)</u>	0	0	3	1	-
128	15.5	Superficial permeability (50k)	None (within 50m)				
128	15.6	Landslip (50k)	0	0	0	0	-
128	15.7	Landslip permeability (50k)	None (within 50m)				
129	15.8	<u>Bedrock geology (50k)</u>	1	0	2	1	-
130	15.9	<u>Bedrock permeability (50k)</u>	Identified (within 50m)				
130	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
131	16.1	<u>BGS Boreholes</u>	0	0	21	-	-
Page	Section	Natural ground subsidence					
133	17.1	<u>Shrink swell clays</u>	Moderate (within 50m)				
134	17.2	<u>Running sands</u>	Negligible (within 50m)				
135	17.3	<u>Compressible deposits</u>	Negligible (within 50m)				
136	17.4	<u>Collapsible deposits</u>	Very low (within 50m)				
137	17.5	<u>Landslides</u>	Very low (within 50m)				
138	17.6	<u>Ground dissolution of soluble rocks</u>	Negligible (within 50m)				
Page	Section	Mining, ground workings and natural cavities	On site	0-50m	50-250m	250-500m	500-2000m
140	18.1	Natural cavities	0	0	0	0	-
141	18.2	<u>BritPits</u>	0	0	2	7	-
142	18.3	<u>Surface ground workings</u>	0	0	24	-	-
143	18.4	Underground workings	0	0	0	0	0
144	18.5	<u>Historical Mineral Planning Areas</u>	0	0	1	1	-



144	18.6	Non-coal mining	0	0	0	0	0
144	18.7	Mining cavities	0	0	0	0	0
144	18.8	JPB mining areas	None (within 0m)				
145	18.9	Coal mining	None (within 0m)				
145	18.10	Brine areas	None (within 0m)				
145	18.11	Gypsum areas	None (within 0m)				
145	18.12	Tin mining	None (within 0m)				
145	18.13	Clay mining	None (within 0m)				

Page	Section	Radon					
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146 **19.1** **Radon** **Less than 1% (within 0m)**

Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m
147	20.1	BGS Estimated Background Soil Chemistry	1	0	-	-	-
147	20.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
147	20.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-

Page	Section	Railway infrastructure and projects	On site	0-50m	50-250m	250-500m	500-2000m
148	21.1	Underground railways (London)	0	0	0	-	-
148	21.2	Underground railways (Non-London)	0	0	0	-	-
149	21.3	Railway tunnels	0	0	0	-	-
149	21.4	Historical railway and tunnel features	0	0	17	-	-
150	21.5	Royal Mail tunnels	0	0	0	-	-
150	21.6	Historical railways	0	0	0	-	-
150	21.7	Railways	0	0	6	-	-
151	21.8	Crossrail 1	0	0	0	0	-
151	21.9	Crossrail 2	0	0	0	0	-
151	21.10	HS2	0	0	0	0	-



Recent aerial photograph



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Capture Date: 01/06/2020

Site Area: 0.2ha



Contact us with any questions at:

info@groundsure.com

08444 159 000

Date: 4 November 2022

Recent site history - 2017 aerial photograph



Capture Date: 18/06/2017

Site Area: 0.2ha



Contact us with any questions at:

info@groundsure.com

08444 159 000

Date: 4 November 2022

Recent site history - 2012 aerial photograph



Capture Date: 22/05/2012

Site Area: 0.2ha



Contact us with any questions at:

info@groundsure.com

08444 159 000

Date: 4 November 2022

Recent site history - 2007 aerial photograph



Capture Date: 05/08/2007

Site Area: 0.2ha



Contact us with any questions at:

info@groundsure.com

08444 159 000

Date: 4 November 2022

Recent site history - 2001 aerial photograph



Capture Date: 30/04/2001

Site Area: 0.2ha



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info@groundsure.com

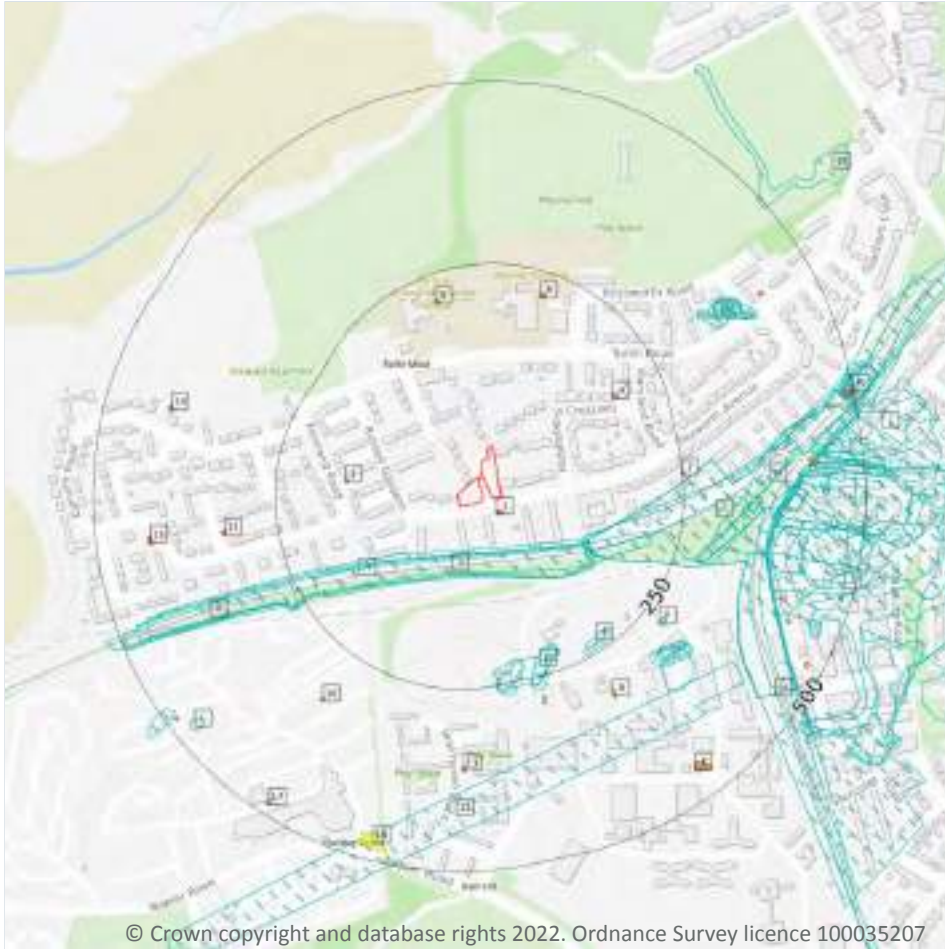
08444 159 000

Date: 4 November 2022

OS MasterMap site plan



1 Past land use



Site Outline

Search buffers in metres (m)

- Historical industrial land uses
- Historical tanks
- Historical energy features
- Historical petrol stations

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1.1 Historical industrial land uses

Records within 500m

88

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 14**

ID	Location	Land use	Dates present	Group ID
A	59m S	Cuttings	1900 - 1924	1286677

ID	Location	Land use	Dates present	Group ID
A	66m S	Cuttings	1938 - 1976	1283117
A	66m S	Cuttings	1984 - 1993	1290426
A	67m S	Cuttings	1886	1284216
2	71m S	Cuttings	1932 - 1938	1286965
B	125m SE	Railway Sidings	1938 - 1963	1284907
C	126m SE	Railway Sidings	1900	1286627
B	132m SE	Railway Sidings	1932	1283788
B	132m SE	Railway Sidings	1938	1290824
B	132m SE	Railway Sidings	1924	1291488
D	211m S	Old Gravel Pits	1900	1274644
D	213m S	Gravel Pits	1886	1276546
D	219m SE	Unspecified Pit	1924 - 1938	1287210
D	221m S	Old Gravel Pits	1900	1274645
D	226m S	Unspecified Pits	1924 - 1938	1285944
E	227m SE	Old Gravel Pits	1900	1274640
D	230m S	Unspecified Pit	1924 - 1938	1286844
E	234m SE	Unspecified Ground Workings	1932	1274464
D	250m S	Unspecified Pit	1924 - 1938	1290322
8	254m SW	Cuttings	1932 - 1938	1282054
F	275m SE	Rifle Range	1984 - 1993	1290512
F	275m SE	Rifle Range	1976	1290999
C	282m E	Railway Sidings	1924 - 1938	2367850
F	296m SE	Old Gravel Pits	1886 - 1900	1280771
C	297m E	Railway Sidings	1886	1286710
F	300m SE	Unspecified Pit	1924	1273246
F	300m SE	Unspecified Ground Workings	1938	1284182
F	303m SE	Unspecified Ground Workings	1932 - 1938	1283698
F	312m SE	Unspecified Pit	1924	1273247



ID	Location	Land use	Dates present	Group ID
F	316m SE	Disused Gravel Pit	1963	1275315
F	321m SE	Unspecified Pit	1932 - 1938	1284843
G	331m NE	Disused Sand Pit	1963	1277540
C	332m E	Unspecified Depot	1984	1291007
G	332m NE	Unspecified Ground Workings	1932 - 1938	1291221
G	335m NE	Unspecified Ground Workings	1938	1281629
B	338m E	Railway Building	1886 - 1900	1289305
B	339m E	Railway Building	1924 - 1938	1287118
12	340m SE	Rifle Range	1886 - 1900	1286187
H	348m E	Cuttings	1886	1283665
B	350m E	Railway Building	1900	1277060
G	356m NE	Sand Pit	1886	1277169
G	356m NE	Unspecified Ground Workings	1924	1284463
I	368m E	Pottery	1924	1286399
C	369m E	Brick Works	1900	1282622
I	373m E	Pottery	1932 - 1938	1291166
I	374m E	Pottery	1938	1289648
I	375m E	Unspecified Works	1963	1287094
C	378m E	Unspecified Ground Workings	1900	1285193
H	378m E	Sand Pit	1886	1277172
I	378m E	Unspecified Ground Workings	1938	1287266
C	379m E	Brick Works	1886	1290882
C	380m E	Unspecified Works	1963 - 1976	1285377
C	382m E	Unspecified Depot	1993	1291455
C	392m E	Unspecified Depot	1976	1285900
C	395m E	Railway Building	1886	1277059
C	420m E	Unspecified Works	1984 - 1993	1289193
C	428m E	Unspecified Tanks	1938	1276639



ID	Location	Land use	Dates present	Group ID
C	428m E	Unspecified Tanks	1932 - 1938	1285656
C	429m E	Railway Building	1900	1277061
C	437m E	Clay Pit	1886	1275931
C	437m E	Unspecified Tank	1900	1288227
C	440m E	Kilns	1886	1278833
C	441m E	Unspecified Tank	1924 - 1938	1281645
C	441m E	Unspecified Tank	1938	1286975
C	443m E	Unspecified Ground Workings	1900	1286398
C	443m E	Railway Sidings	1924	1287906
J	445m E	Clay Pit	1886	1275932
L	455m SW	Unspecified Pit	1963	1273256
H	456m SE	Unspecified Pit	1932 - 1938	1287896
C	471m E	Unspecified Tank	1900	1275540
C	477m E	Wind Pump	1938	1275348
C	478m E	Railway Sidings	1900 - 1924	1284411
M	478m E	Railway Building	1963	1284479
C	478m E	Kilns	1886	1278835
C	479m E	Unspecified Tank	1924	1275541
L	481m SW	Refuse Heap	1963	1275026
M	482m E	Junction Station	1924	1283690
M	483m E	Railway Station	1976	1287915
M	483m E	Railway Station	1984 - 1993	1291462
J	484m E	Unspecified Ground Workings	1932 - 1938	1287424
M	484m E	Junction Station	1932 - 1938	1285558
M	484m E	Railway Station	1900	1287080
M	485m E	Railway Station	1938	1288199
M	494m E	Railway Building	1886	1290664
C	494m E	Unspecified Tank	1900	1275542



ID	Location	Land use	Dates present	Group ID
C	494m E	Kilns	1886	1278836
C	495m E	Unspecified Ground Workings	1900	1284625
18	495m NE	Refuse Heap	1963	1275044

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

13

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

Features are displayed on the Past land use map on **page 14**

ID	Location	Land use	Dates present	Group ID
D	278m S	Unspecified Tank	1953	196524
9	306m SE	Unspecified Tank	1953	196176
10	321m SW	Unspecified Tank	1995	194840
C	423m E	Tanks	1901 - 1933	197060
C	424m E	Tanks	1901 - 1933	195828
H	424m SE	Unspecified Tank	1976	194825
C	425m E	Unspecified Tank	1953 - 1962	195550
C	426m E	Unspecified Tank	1953 - 1963	196974
C	428m E	Unspecified Tank	1953 - 1963	196304
K	452m SE	Tanks	1970 - 1976	196436
H	457m SE	Unspecified Tank	1976 - 1994	195381
K	458m SE	Tanks	1994	195620
H	473m SE	Unspecified Tank	1994	196371

This data is sourced from Ordnance Survey / Groundsure.



1.3 Historical energy features

Records within 500m

18

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 14**

ID	Location	Land use	Dates present	Group ID
1	16m SE	Electricity Substation	1973 - 1995	115034
3	150m W	Electricity Substation	1994 - 1995	115327
4	179m NE	Electricity Substation	1973 - 1995	114961
5	210m N	Electricity Substation	1989 - 1995	115534
6	215m N	Electricity Substation	1989 - 1995	114840
7	250m E	Electricity Substation	1983	114054
11	321m W	Electricity Substation	1971	114061
13	356m S	Electricity Substation	1988 - 1995	114839
H	407m E	Electricity Substation	1994	114803
14	408m W	Electricity Substation	1971	114059
G	421m NE	Electricity Substation	1970 - 1983	114981
15	424m W	Electricity Substation	1971	114060
K	449m SE	Electricity Substation	1994	115141
K	460m SE	Electricity Substation	1970 - 1976	114789
I	481m E	Electricity Substation	1994	115739
17	481m SW	Electricity Substation	1971 - 1985	115229
L	482m SW	Electricity Substation	1985	114063
H	498m SE	Electricity Substation	1994	114917

This data is sourced from Ordnance Survey / Groundsure.



1.4 Historical petrol stations

Records within 500m

1

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'.

Features are displayed on the Past land use map on **page 14**

ID	Location	Land use	Dates present	Group ID
16	461m S	Filling Station	1988	2254

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

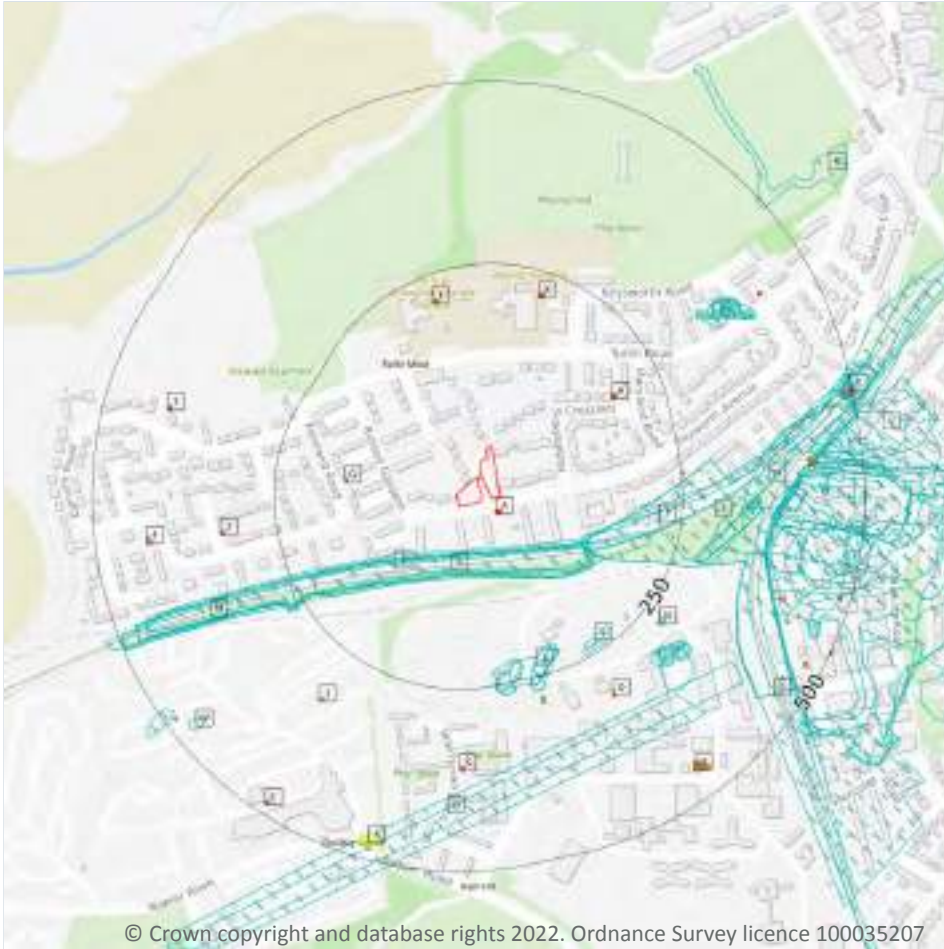
0

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



Site Outline

Search buffers in metres (m)

-  Historical industrial land uses
-  Historical tanks
-  Historical energy features
-  Historical petrol stations

2.1 Historical industrial land uses

Records within 500m

125

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
B	59m S	Cuttings	1924	1286677
B	63m S	Cuttings	1900	1286677
B	66m S	Cuttings	1938	1283117

ID	Location	Land Use	Date	Group ID
B	66m S	Cuttings	1993	1290426
B	66m S	Cuttings	1976	1283117
B	66m S	Cuttings	1963	1283117
B	66m S	Cuttings	1984	1290426
B	67m S	Cuttings	1886	1284216
C	71m S	Cuttings	1938	1286965
C	71m S	Cuttings	1932	1286965
D	125m SE	Railway Sidings	1963	1284907
E	126m SE	Railway Sidings	1900	1286627
F	131m SE	Railway Sidings	1938	1284907
D	132m SE	Railway Sidings	1938	1290824
D	132m SE	Railway Sidings	1932	1283788
D	132m SE	Railway Sidings	1924	1291488
J	211m S	Old Gravel Pits	1900	1274644
J	213m S	Gravel Pits	1886	1276546
J	219m SE	Unspecified Pit	1938	1287210
J	219m SE	Unspecified Pit	1932	1287210
J	219m SE	Unspecified Pit	1924	1287210
J	221m S	Old Gravel Pits	1900	1274645
J	226m S	Unspecified Pits	1938	1285944
J	226m S	Unspecified Pits	1932	1285944
J	226m S	Unspecified Pits	1924	1285944
L	227m SE	Old Gravel Pits	1900	1274640
J	230m S	Unspecified Pit	1938	1286844
J	230m S	Unspecified Pit	1932	1286844
J	230m S	Unspecified Pit	1924	1286844
L	234m SE	Unspecified Ground Workings	1932	1274464
J	250m S	Unspecified Pit	1938	1290322



ID	Location	Land Use	Date	Group ID
J	250m S	Unspecified Pit	1932	1290322
J	250m S	Unspecified Pit	1924	1290322
M	254m SW	Cuttings	1938	1282054
M	254m SW	Cuttings	1932	1282054
N	275m SE	Rifle Range	1993	1290512
N	275m SE	Rifle Range	1976	1290999
N	275m SE	Rifle Range	1984	1290512
E	282m E	Railway Sidings	1938	2367850
N	296m SE	Old Gravel Pits	1886	1280771
E	297m E	Railway Sidings	1886	1286710
N	300m SE	Unspecified Pit	1924	1273246
N	300m SE	Unspecified Ground Workings	1938	1284182
N	303m SE	Unspecified Ground Workings	1938	1283698
N	303m SE	Unspecified Ground Workings	1932	1283698
N	304m SE	Old Gravel Pits	1900	1280771
N	312m SE	Unspecified Pit	1924	1273247
N	316m SE	Disused Gravel Pit	1963	1275315
N	321m SE	Unspecified Pit	1938	1284843
N	321m SE	Unspecified Pit	1932	1284843
P	331m NE	Disused Sand Pit	1963	1277540
E	332m E	Unspecified Depot	1984	1291007
P	332m NE	Unspecified Ground Workings	1938	1291221
P	332m NE	Unspecified Ground Workings	1932	1291221
P	335m NE	Unspecified Ground Workings	1938	1281629
D	338m E	Railway Building	1900	1289305
D	338m E	Railway Building	1886	1289305
D	339m E	Railway Building	1938	1287118
D	339m E	Railway Building	1932	1287118



ID	Location	Land Use	Date	Group ID
D	339m E	Railway Building	1924	1287118
D	340m E	Railway Building	1938	1287118
Q	340m SE	Rifle Range	1900	1286187
R	348m E	Cuttings	1886	1283665
Q	350m SE	Rifle Range	1886	1286187
D	350m E	Railway Building	1900	1277060
P	356m NE	Sand Pit	1886	1277169
P	356m NE	Unspecified Ground Workings	1924	1284463
T	368m E	Pottery	1924	1286399
E	369m E	Brick Works	1900	1282622
T	373m E	Pottery	1938	1291166
T	373m E	Pottery	1932	1291166
T	374m E	Pottery	1938	1289648
T	375m E	Unspecified Works	1963	1287094
E	378m E	Unspecified Ground Workings	1900	1285193
R	378m E	Sand Pit	1886	1277172
T	378m E	Unspecified Ground Workings	1938	1287266
E	379m E	Brick Works	1886	1290882
E	379m E	Brick Works	1886	1290882
E	380m E	Unspecified Works	1976	1285377
E	381m E	Unspecified Works	1963	1285377
E	382m E	Unspecified Depot	1993	1291455
E	392m E	Unspecified Depot	1976	1285900
E	395m E	Railway Building	1886	1277059
E	420m E	Unspecified Works	1993	1289193
E	420m E	Unspecified Works	1984	1289193
E	428m E	Unspecified Tanks	1938	1276639
E	428m E	Unspecified Tanks	1938	1285656



ID	Location	Land Use	Date	Group ID
E	428m E	Unspecified Tanks	1932	1285656
E	429m E	Railway Building	1900	1277061
E	437m E	Clay Pit	1886	1275931
E	437m E	Unspecified Tank	1900	1288227
E	440m E	Kilns	1886	1278833
E	441m E	Unspecified Tank	1938	1281645
E	441m E	Unspecified Tank	1932	1281645
E	441m E	Unspecified Tank	1924	1281645
E	441m E	Unspecified Tank	1938	1286975
E	443m E	Unspecified Ground Workings	1900	1286398
E	443m E	Railway Sidings	1924	1287906
U	445m E	Clay Pit	1886	1275932
W	455m SW	Unspecified Pit	1963	1273256
R	456m SE	Unspecified Pit	1938	1287896
R	456m SE	Unspecified Pit	1932	1287896
E	471m E	Unspecified Tank	1900	1275540
E	477m E	Wind Pump	1938	1275348
E	478m E	Railway Sidings	1924	1284411
X	478m E	Railway Building	1963	1284479
E	478m E	Kilns	1886	1278835
E	479m E	Unspecified Tank	1924	1275541
E	481m E	Railway Sidings	1900	1284411
W	481m SW	Refuse Heap	1963	1275026
X	482m E	Junction Station	1924	1283690
X	483m E	Railway Station	1993	1291462
X	483m E	Railway Station	1976	1287915
X	483m E	Railway Station	1984	1291462
U	484m E	Unspecified Ground Workings	1938	1287424



ID	Location	Land Use	Date	Group ID
U	484m E	Unspecified Ground Workings	1932	1287424
X	484m E	Junction Station	1938	1285558
X	484m E	Junction Station	1932	1285558
X	484m E	Railway Station	1900	1287080
X	485m E	Railway Station	1938	1288199
X	494m E	Railway Building	1886	1290664
E	494m E	Unspecified Tank	1900	1275542
E	494m E	Kilns	1886	1278836
E	495m E	Unspecified Ground Workings	1900	1284625
6	495m NE	Refuse Heap	1963	1275044

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

29

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

Features are displayed on the Past land use - un-grouped map on **page 21**

ID	Location	Land Use	Date	Group ID
J	278m S	Unspecified Tank	1953	196524
J	279m S	Unspecified Tank	1953	196524
O	306m SE	Unspecified Tank	1953	196176
O	306m SE	Unspecified Tank	1953	196176
1	321m SW	Unspecified Tank	1995	194840
E	423m E	Tanks	1901	197060
E	423m E	Tanks	1925	197060
E	423m E	Tanks	1933	197060
E	424m E	Tanks	1901	195828
E	424m E	Tanks	1925	195828



ID	Location	Land Use	Date	Group ID
E	424m E	Tanks	1933	195828
R	424m SE	Unspecified Tank	1976	194825
E	425m E	Unspecified Tank	1962	195550
E	425m E	Unspecified Tank	1953	195550
E	426m E	Unspecified Tank	1962	196974
E	426m E	Unspecified Tank	1953	196974
E	426m E	Unspecified Tank	1953	196974
E	426m E	Unspecified Tank	1963	196974
E	428m E	Unspecified Tank	1953	196304
E	428m E	Unspecified Tank	1963	196304
V	452m SE	Tanks	1976	196436
V	452m SE	Tanks	1970	196436
R	457m SE	Unspecified Tank	1976	195381
R	457m SE	Unspecified Tank	1994	195381
R	457m SE	Unspecified Tank	1994	195381
V	458m SE	Tanks	1994	195620
V	458m SE	Tanks	1994	195620
R	473m SE	Unspecified Tank	1994	196371
R	473m SE	Unspecified Tank	1994	196371

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

46

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
A	16m SE	Electricity Substation	1995	115034



ID	Location	Land Use	Date	Group ID
A	16m SE	Electricity Substation	1994	115034
A	16m SE	Electricity Substation	1994	115034
A	16m SE	Electricity Substation	1995	115034
A	18m SE	Electricity Substation	1989	115034
A	18m SE	Electricity Substation	1973	115034
G	150m W	Electricity Substation	1995	115327
G	150m W	Electricity Substation	1994	115327
G	150m W	Electricity Substation	1995	115327
H	179m NE	Electricity Substation	1989	114961
H	180m NE	Electricity Substation	1973	114961
H	180m NE	Electricity Substation	1995	114961
H	180m NE	Electricity Substation	1994	114961
H	180m NE	Electricity Substation	1994	114961
H	180m NE	Electricity Substation	1995	114961
I	210m N	Electricity Substation	1989	115534
I	210m N	Electricity Substation	1995	115534
I	210m N	Electricity Substation	1994	115534
I	210m N	Electricity Substation	1994	115534
I	210m N	Electricity Substation	1995	115534
K	215m N	Electricity Substation	1989	114840
K	216m N	Electricity Substation	1995	114840
K	216m N	Electricity Substation	1994	114840
K	216m N	Electricity Substation	1994	114840
K	216m N	Electricity Substation	1995	114840
F	250m E	Electricity Substation	1983	114054
2	321m W	Electricity Substation	1971	114061
S	356m S	Electricity Substation	1988	114839
S	357m S	Electricity Substation	1995	114839



ID	Location	Land Use	Date	Group ID
R	407m E	Electricity Substation	1994	114803
R	407m E	Electricity Substation	1994	114803
3	408m W	Electricity Substation	1971	114059
P	421m NE	Electricity Substation	1983	114981
P	421m NE	Electricity Substation	1970	114981
4	424m W	Electricity Substation	1971	114060
V	449m SE	Electricity Substation	1994	115141
V	449m SE	Electricity Substation	1994	115141
V	460m SE	Electricity Substation	1976	114789
V	460m SE	Electricity Substation	1970	114789
T	481m E	Electricity Substation	1994	115739
T	481m E	Electricity Substation	1994	115739
Y	481m SW	Electricity Substation	1971	115229
W	482m SW	Electricity Substation	1985	114063
Y	482m SW	Electricity Substation	1985	115229
R	498m SE	Electricity Substation	1994	114917
R	498m SE	Electricity Substation	1994	114917

This data is sourced from Ordnance Survey / Groundsure.

2.4 Historical petrol stations

Records within 500m

1

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'.

Features are displayed on the Past land use - un-grouped map on **page 21**

ID	Location	Land Use	Date	Group ID
5	461m S	Filling Station	1988	2254

This data is sourced from Ordnance Survey / Groundsure.



2.5 Historical garages

Records within 500m

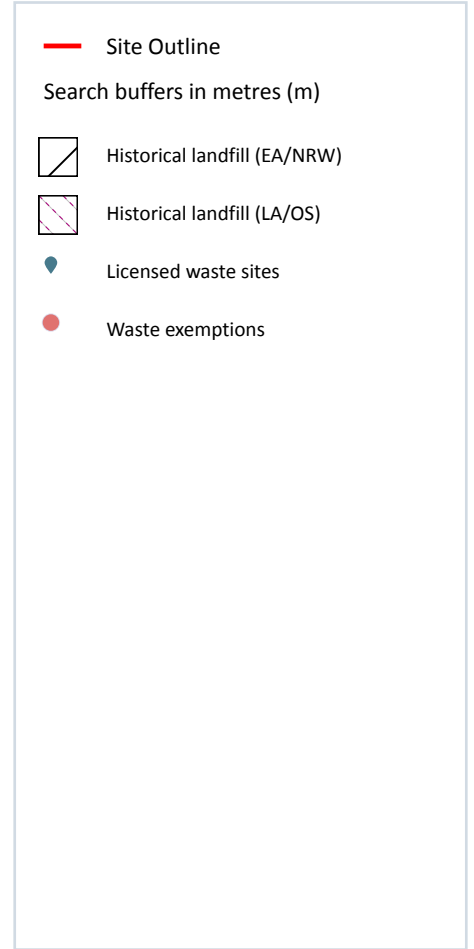
0

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

2

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

Features are displayed on the Waste and landfill map on **page 31**

ID	Location	Site address	Source	Data type
B	393m NE	Refuse Tip	1962 mapping	Polygon
B	393m NE	Refuse Tip	1962 mapping	Polygon

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

3.4 Historical landfill (EA/NRW records)

Records within 500m

1

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

Features are displayed on the Waste and landfill map on **page 31**

ID	Location	Details		
1	181m NW	Site Address: Foreland Road, Turlin Moor, Poole Licence Holder Address: Peter Thompson House, Market Close, Poole	Waste Licence: Yes Site Reference: WDL/84/78 Waste Type: Inert, Industrial Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 14/03/1984 Licence Surrender: 21/09/1992	Operator: - Licence Holder: Amenities and Recreation Department, Poole Borough Council First Recorded 31/12/1984 Last Recorded: 31/12/1990

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
4

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

 Features are displayed on the Waste and landfill map on **page 31**

ID	Location	Details		
F	475m SE	Site Name: M A Toon Transport Site Address: Bottom Yard Unit 21, Dawkins Road, Dawkins Road Ind Estate, Poole Dorset, Dorset, BH15 4JY Correspondence Address: 119, Poole Lane, Kinson, Bournemouth, Dorset, BH11 9DZ	Type of Site: - Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: TOO001 EPR reference: - Operator: Toon Michael Waste Management licence No: 23762 Annual Tonnage: 0	Issue Date: 25/06/2007 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
F	475m SE	Site Name: M A Toon Transport Site Address: Bottom Yard Unit 21, Dawkins Road, Dawkins Road Ind Estate, Poole, Dorset, BH15 4JY Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: TOO001 EPR reference: EA/EPR/CP3193FU/A001 Operator: Toon Michael Waste Management licence No: 23762 Annual Tonnage: 24999	Issue Date: 25/06/2007 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
F	475m SE	Site Name: Bottom Yard Site Address: Bottom Yard Unit 21, Dawkins Road, Dawkins Road Ind Estate, Poole, Dorset, BH15 4JY Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: MBW002 EPR reference: EA/EPR/GB3309LA/T001 Operator: M. B. Wilkes Limited Waste Management licence No: 23762 Annual Tonnage: 24999	Issue Date: 25/06/2007 Effective Date: 23/08/2018 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred



ID	Location	Details		
F	475m SE	Site Name: Bottom Yard Site Address: Bottom Yard, Unit 21, Dawkins Road, Poole, Dorset, BH15 4JY Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: MBW002 EPR reference: EA/EPR/GB3309LA/T001 Operator: M B Wilkes Limited Waste Management licence No: 23762 Annual Tonnage: 24999	Issue Date: 25/06/2007 Effective Date: 23/08/2018 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred

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

3.7 Waste exemptions

Records within 500m

29

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 31**

ID	Location	Site	Reference	Category	Sub-Category	Description
A	386m S	RM Poole Napier Road Hamworthy BH15 4NQ	EPR/VF0303FD /A001	Treating waste exemption	Non- Agricultural Waste Only	Aerobic composting and associated prior treatment
A	386m S	RM Poole Napier Road Hamworthy BH15 4NQ	EPR/VF0303FD /A001	Using waste exemption	Non- Agricultural Waste Only	Spreading waste on non- agricultural land to confer benefit
C	452m SE	ROYAL MARINES, HAMWORTHY, POOLE, BH15 4NQ	WEX134645	Using waste exemption	Not on a farm	Spreading waste on non- agricultural land to confer benefit
C	452m SE	ROYAL MARINES, HAMWORTHY, POOLE, BH15 4NQ	WEX134054	Using waste exemption	Not on a farm	Spreading waste on non- agricultural land to confer benefit
C	452m SE	ROYAL MARINES, HAMWORTHY, POOLE, BH15 4NQ	WEX134054	Using waste exemption	Not on a farm	Use of mulch
C	452m SE	ROYAL MARINES, HAMWORTHY, POOLE, BH15 4NQ	WEX134054	Treating waste exemption	Not on a farm	Aerobic composting and associated prior treatment



ID	Location	Site	Reference	Category	Sub-Category	Description
C	452m SE	ROYAL MARINES, HAMWORTHY, POOLE, BH15 4NQ	WEX134054	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
D	455m E	Unit H1a-H1b Dawkins Road POOLE Dorset BH15 4JY	EPR/HE5948N R/A001	Storing waste exemption	Both agricultural and non- agricultural waste	Storage of waste in a secure place
D	455m E	Unit H1a-H1b Dawkins Road POOLE Dorset BH15 4JY	EPR/HE5948N R/A001	Treating waste exemption	Both agricultural and non- agricultural waste	Sorting mixed waste
D	455m E	Unit H1a-H1b Dawkins Road POOLE Dorset BH15 4JY	EPR/HE5948N R/A001	Treating waste exemption	Both agricultural and non- agricultural waste	Treatment of waste food
D	455m E	Unit H1a-H1b Dawkins Road POOLE Dorset BH15 4JY	EPR/HE5948N R/A001	Treating waste exemption	Both agricultural and non- agricultural waste	Preparatory treatments (baling, sorting, shredding etc)
D	455m E	Unit H1a-H1b Dawkins Road POOLE Dorset BH15 4JY	EPR/HE5948N R/A001	Storing waste exemption	Non- Agricultural Waste Only	Storage of sludge
D	456m E	UNIT H1A-H1B, DAWKINS ROAD, POOLE, BH15 4JY	WEX143179	Treating waste exemption	Not on a farm	Sorting mixed waste
D	456m E	UNIT H1A-H1B, DAWKINS ROAD, POOLE, BH15 4JY	WEX143179	Storing waste exemption	Not on a farm	Storage of waste in a secure place
D	456m E	UNIT H1A-H1B, DAWKINS ROAD, POOLE, BH15 4JY	WEX143179	Treating waste exemption	Not on a farm	Treatment of waste food
D	456m E	UNIT H1A-H1B, DAWKINS ROAD, POOLE, BH15 4JY	WEX143179	Storing waste exemption	Not on a farm	Storage of sludge
D	456m E	UNIT H1A-H1B, DAWKINS ROAD, POOLE, BH15 4JY	WEX143179	Treating waste exemption	Not on a farm	Screening and blending of waste
D	456m E	UNIT H1A-H1B, DAWKINS ROAD, POOLE, BH15 4JY	WEX143179	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
D	456m E	UNIT H1A-H1B, DAWKINS ROAD, POOLE, BH15 4JY	WEX143179	Storing waste exemption	Not on a farm	Storage of waste in secure containers



ID	Location	Site	Reference	Category	Sub-Category	Description
E	463m E	Unit 29-31 Dawkins Road Poole Poole BH15 4JY	EPR/ZE5140ED /A001	Storing waste exemption	Non- Agricultural Waste Only	Storage of waste in secure containers
E	463m E	Unit 29-31 Dawkins Road Poole Poole BH15 4JY	EPR/ZE5140ED /A001	Storing waste exemption	Non- Agricultural Waste Only	Storage of waste in a secure place
E	463m E	Unit 29-31 Dawkins Road Poole Poole BH15 4JY	EPR/ZE5140ED /A001	Treating waste exemption	Non- Agricultural Waste Only	Cleaning, washing, spraying or coating relevant waste
E	463m E	Unit 29-31 Dawkins Road Poole Poole BH15 4JY	EPR/ZE5140ED /A001	Treating waste exemption	Non- Agricultural Waste Only	Sorting mixed waste
E	463m E	Unit 29-31 Dawkins Road Poole Poole BH15 4JY	EPR/ZE5140ED /A001	Treating waste exemption	Non- Agricultural Waste Only	Manual treatment of waste
E	463m E	Unit 29-31 Dawkins Road Poole Poole BH15 4JY	EPR/ZE5140ED /A001	Treating waste exemption	Non- Agricultural Waste Only	Treatment of waste food
E	463m E	Unit 29-31 Dawkins Road Poole Poole BH15 4JY	EPR/ZE5140ED /A001	Treating waste exemption	Non- Agricultural Waste Only	Preparatory treatments (baling, sorting, shredding etc)
E	463m E	Unit 29-31 Dawkins Road Poole Poole BH15 4JY	EPR/ZE5140ED /A001	Treating waste exemption	Non- Agricultural Waste Only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
E	463m E	Unit 29-31 Dawkins Road Poole Poole BH15 4JY	EPR/ZE5140ED /A001	Treating waste exemption	Non- Agricultural Waste Only	Recovery of scrap metal
2	474m E	Unit 10 29 - 31, Dawkins Road, Poole, Dorset, BH15 4JY	EA/EPR/VP384 5NY/A001	Treating waste exemption	Non- Agricultural waste only	Repair or refurbishment of WEEE

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)
- Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m

11

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 37**

ID	Location	Company	Address	Activity	Category
1	60m W	Electricity Sub Station	Dorset, BH16	Electrical Features	Infrastructure and Facilities
2	133m NW	Poole Raw Pet Food	Turlin Moor Post Office, 197, Turlin Road, Poole, Dorset, BH16 5AQ	Animal Feeds, Pet Foods, Hay and Straw	Foodstuffs
3	141m S	Pylon	Dorset, BH15	Electrical Features	Infrastructure and Facilities



ID	Location	Company	Address	Activity	Category
4	151m W	Electricity Sub Station	Dorset, BH16	Electrical Features	Infrastructure and Facilities
5	183m E	Electricity Sub Station	Dorset, BH16	Electrical Features	Infrastructure and Facilities
A	205m N	Electricity Sub Station	Dorset, BH16	Electrical Features	Infrastructure and Facilities
6	208m SW	Pylon	Dorset, BH15	Electrical Features	Infrastructure and Facilities
B	212m N	Electricity Sub Station	Dorset, BH16	Electrical Features	Infrastructure and Facilities
C	216m NW	Roofline Solutions	18, Russell Gardens, Poole, Dorset, BH16 5BF	Construction Completion Services	Construction Services
A	223m N	Electricity Sub Station	Dorset, BH16	Electrical Features	Infrastructure and Facilities
B	237m NW	The Quay	Dorset, BH16	Moorings and Unloading Facilities	Water

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m

0

Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m

0

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m

0

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.



4.5 Sites determined as Contaminated Land

Records within 500m

0

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

This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

Records within 500m

0

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

This data is sourced from the Health and Safety Executive.

4.7 Regulated explosive sites

Records within 500m

0

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

This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m

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 37**

ID	Location	Address	Details	
D	427m SE	Hanson Aggregates, 21 Dawkins Road, Poole, BH15 4JW	Process: Cement and Lime Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
7	475m E	Poole Tech Plating, Unit 32-33 Dawkins Business Centre, Dawkins Road, Hamworthy, Poole, BH15 4JY	Process: Coating Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement 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

0

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

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

2

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 37**



ID	Location	Details	
C	247m W	Incident Date: 18/08/2001 Incident Identification: 25077 Pollutant: Organic Chemicals/Products Pollutant Description: Other Organic Chemical or Product	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
D	451m SE	Incident Date: 26/06/2002 Incident Identification: 87417 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Fumes	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)

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

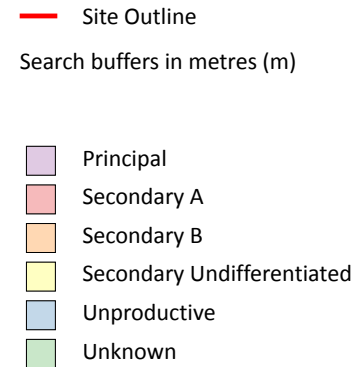
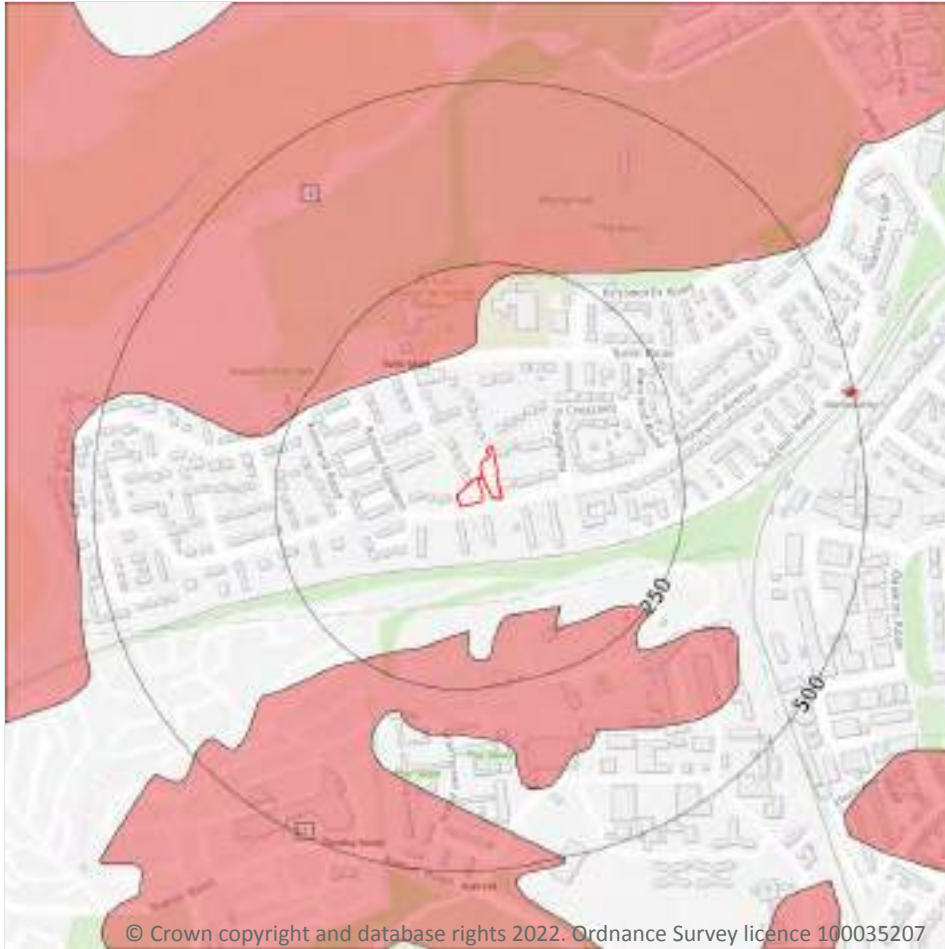
0

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

2

Aquifer status of groundwater held within superficial geology.

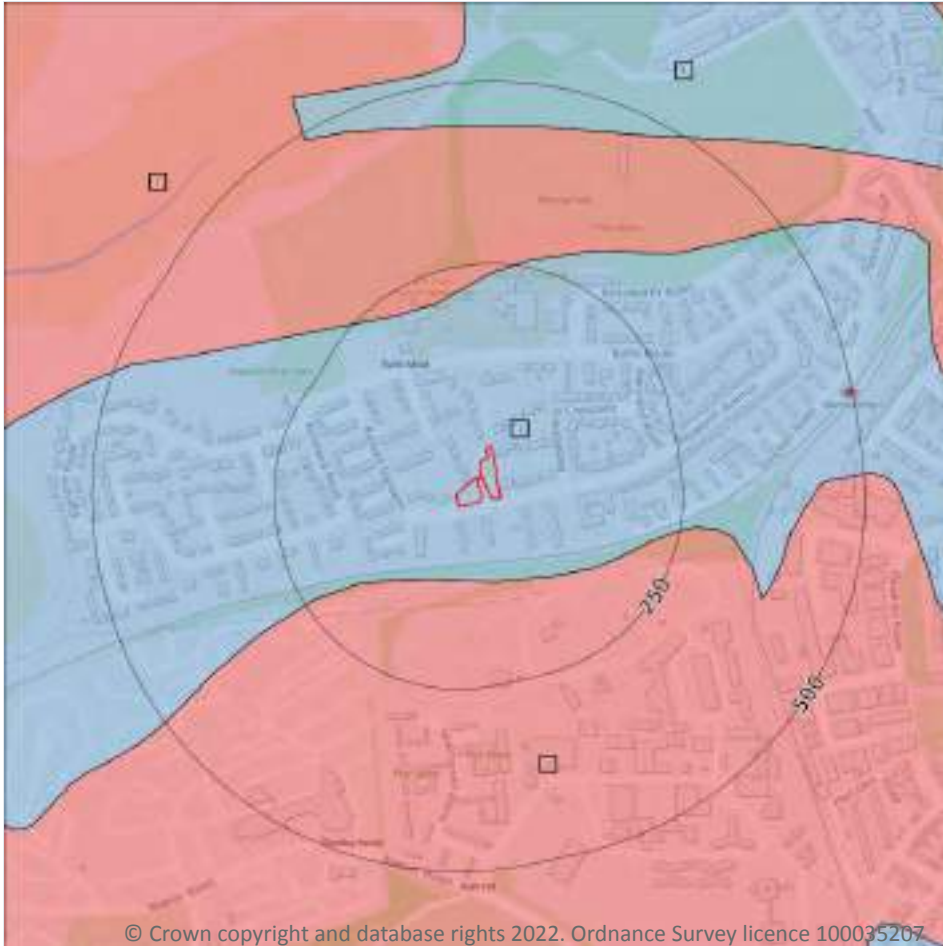
Features are displayed on the Hydrogeology map on **page 43**

ID	Location	Designation	Description
1	135m N	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	160m S	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

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



Bedrock aquifer



- Site Outline
- Search buffers in metres (m)
- Principal
- Secondary A
- Secondary B
- Secondary Undifferentiated
- Unproductive

5.2 Bedrock aquifer

Records within 500m

4

Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on **page 45**

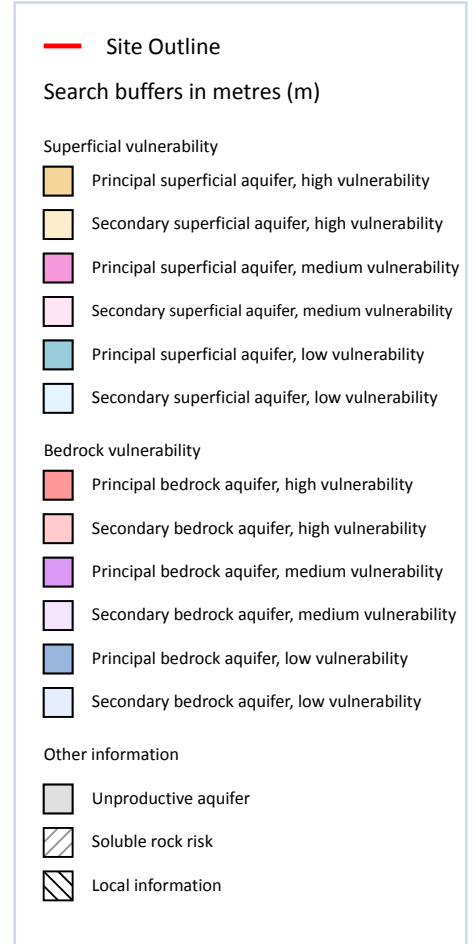
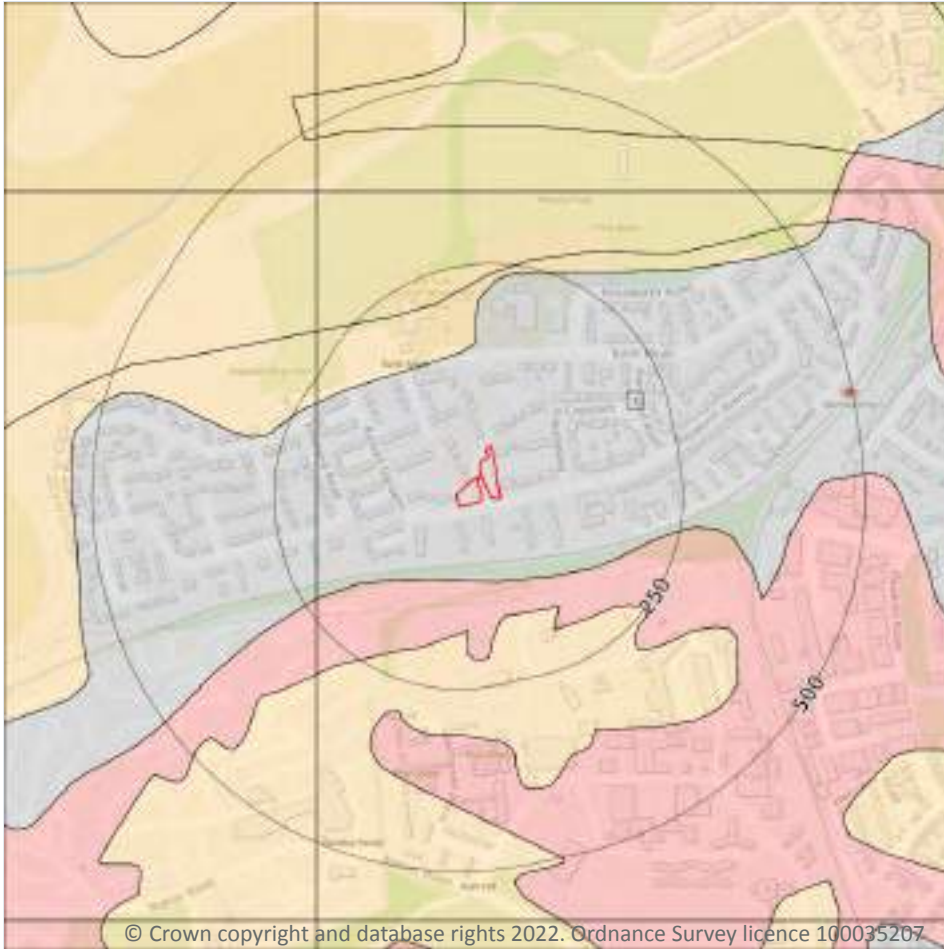
ID	Location	Designation	Description
1	On site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
2	101m S	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

ID	Location	Designation	Description
3	209m N	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
4	438m N	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.



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 47**

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, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: 300-550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: Medium	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
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This dataset identifies areas where solution features that enable rapid movement of a pollutant may be present within a 1km grid square.

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

5.5 Groundwater vulnerability- local information

Records on site	0
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This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506 or by email on enquiries@environment-agency.gov.uk.

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

Abstractions and Source Protection Zones

5.6 Groundwater abstractions

Records within 2000m

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

0

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

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

5.8 Potable abstractions

Records within 2000m

0

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

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

5.9 Source Protection Zones

Records within 500m

0

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

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



5.10 Source Protection Zones (confined aquifer)

Records within 500m

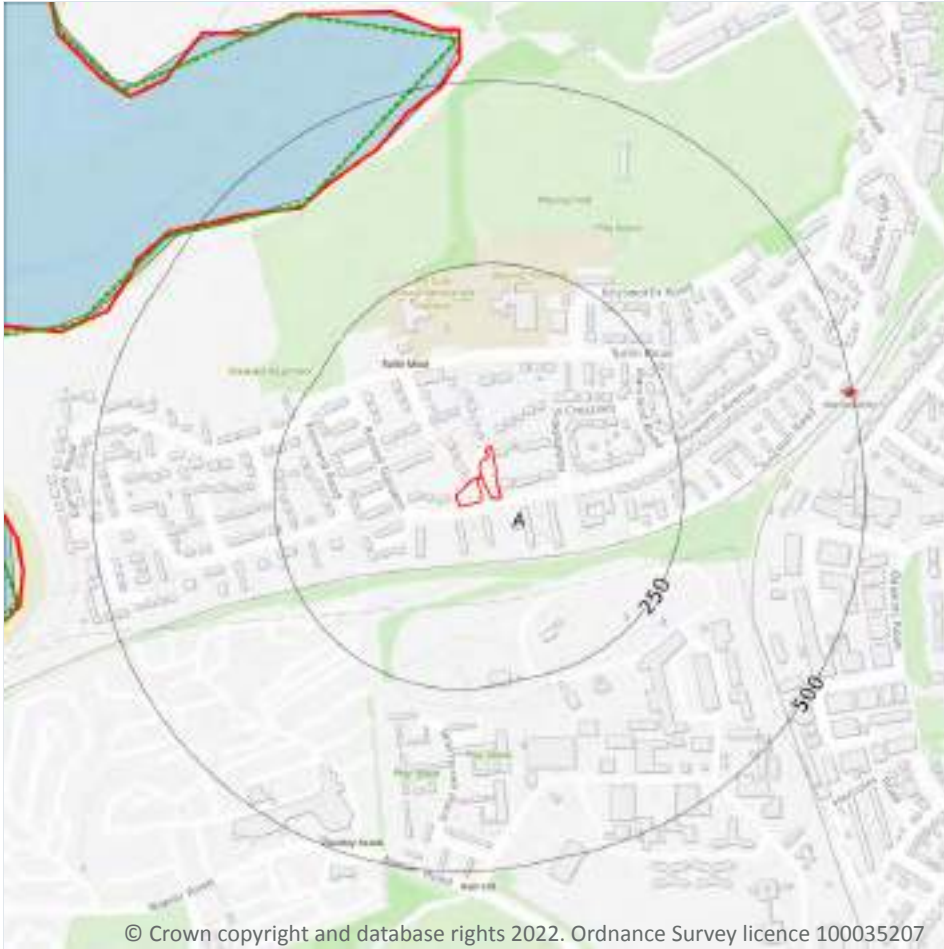
0

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

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



6 Hydrology



- Site Outline
- Search buffers in metres (m)
- Water Network (OS MasterMap)
- Surface water features (wider than 5m)
- Surface water features (narrower than 5m)
- ⋯ WFD River, canal and surface water transfer water bodies
- WFD Lake water bodies
- WFD Transitional and coastal water bodies
- WFD Surface water body catchments boundaries
- WFD Groundwater body boundaries

6.1 Water Network (OS MasterMap)

Records within 250m

0

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

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m

0

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.

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 51**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
A	On site	Coastal Catchment	Not part of a river WB catchment	68	Poole Harbour Rivers	Dorset

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

6.4 WFD Surface water bodies

Records identified	0
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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.

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 51**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
A	On site	Lower Frome and Piddle	<u>GB40802G805600</u>	Poor	Poor	Good	2019



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



7 River and coastal flooding

7.1 Risk of flooding from rivers and the sea

Records within 50m

0

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

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

7.2 Historical Flood Events

Records within 250m

0

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

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

7.3 Flood Defences

Records within 250m

0

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

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



7.4 Areas Benefiting from Flood Defences

Records within 250m

0

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

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

7.5 Flood Storage Areas

Records within 250m

0

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

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



River and coastal flooding - Flood Zones

7.6 Flood Zone 2

Records within 50m

0

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

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

7.7 Flood Zone 3

Records within 50m

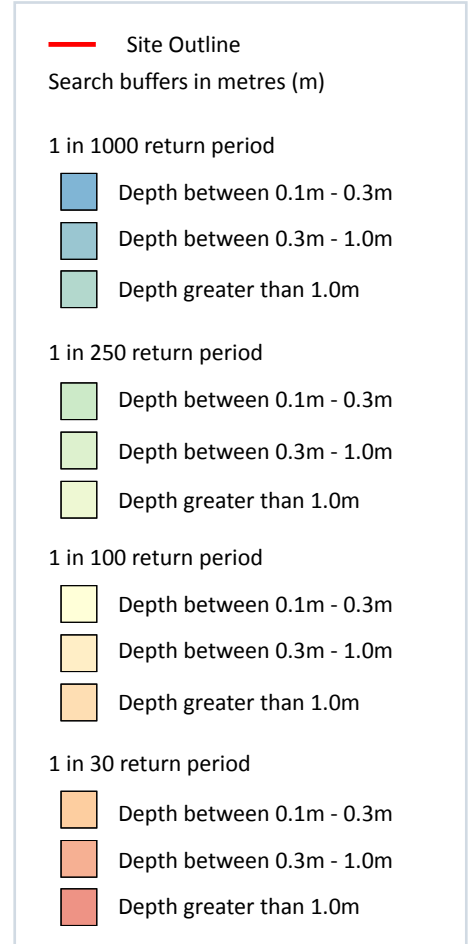
0

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

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



8 Surface water flooding



8.1 Surface water flooding

Highest risk on site

Negligible

Highest risk within 50m

1 in 1000 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 57**

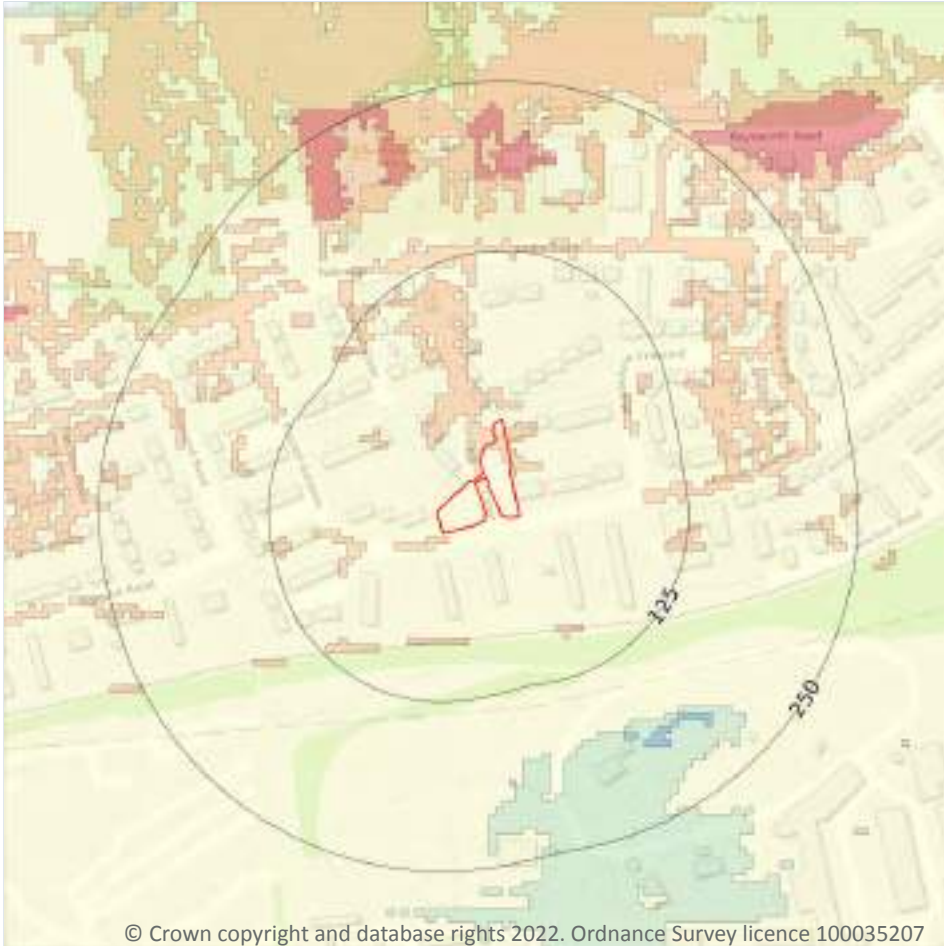
The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.

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	Negligible
1 in 250 year	Negligible
1 in 100 year	Negligible
1 in 30 year	Negligible

This data is sourced from Ambiental Risk Analytics.

9 Groundwater flooding



9.1 Groundwater flooding

Highest risk on site

Moderate-High

Highest risk within 50m

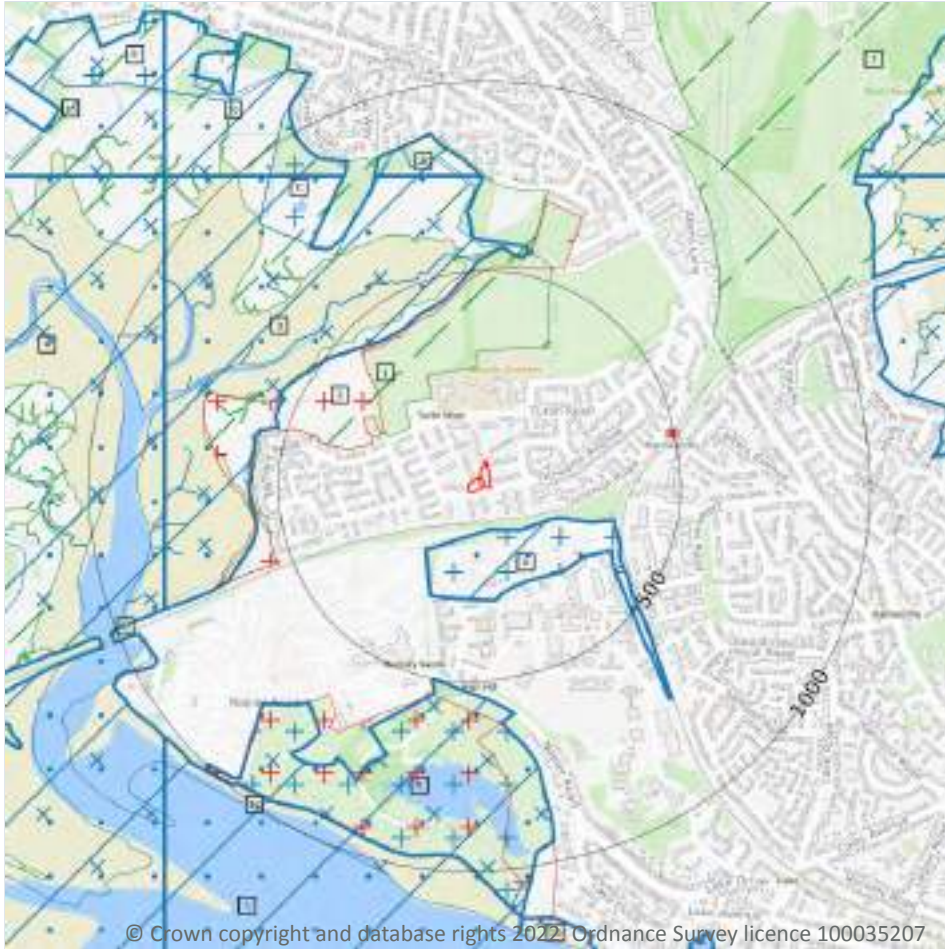
Moderate-High

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 59**

This data is sourced from Ambient Risk Analytics.

10 Environmental designations



- Site Outline
- Search buffers in metres (m)
- ▨ Sites of Special Scientific Interest (SSSI)
- ⊗ Conserved wetland sites (Ramsar sites)
- + Special Areas of Conservation (SAC)
- Special Protection Areas (SPA)
- ⊗ National Nature Reserves (NNR)
- + Local Nature Reserves (LNR)
- ▨ Designated Ancient Woodland
- ▨ Green Belt

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

14

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 60**

ID	Location	Name	Data source
A	109m S	Ham Common	Natural England

ID	Location	Name	Data source
3	409m NW	Poole Harbour	Natural England
B	502m S	Ham Common	Natural England
8	751m N	Poole Harbour	Natural England
9	800m W	Poole Harbour	Natural England
10	840m NW	Poole Harbour	Natural England
11	937m SW	Poole Harbour	Natural England
15	1130m NW	Poole Harbour	Natural England
F	1232m NE	Poole Harbour	Natural England
-	1700m NW	Poole Harbour	Natural England
-	1825m S	Arne	Natural England
-	1864m W	Holton and Sandford Heaths	Natural England
-	1899m N	Upton Heath	Natural England
-	1980m S	Arne	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

11

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 60**



ID	Location	Site	Details
4	409m NW	Name: Poole Harbour Site status: Listed Data source: Natural England	<p>Overview: Poole Harbour is a bar-built estuary covering an area of nearly 4000 hectares. The Harbour occupies a shallow depression in the acidic, tertiary deposits towards the south-western extremity of the Hampshire Basin and has been formed over the last 5000 years by a rise in sea level. The unusual micro-tidal regime means that a significant body of water is retained throughout the tidal cycle. The site therefore exhibits many of the characteristics of a lagoon. There are extensive intertidal mudflats supporting internationally important numbers of waterfowl in winter. These are fringed on the landward side by saltmarshes or reedbeds. The river valleys of the lower Frome and Piddle support grazing marsh which is also important for wintering waterfowl. Much of the catchment along the western and southern shores comprises the internationally important Dorset heathlands and there are unusual transitions from saltmarsh to valley mire. The Harbour is separated from Poole Bay by the internationally important Studland dunes and the site includes Littlesea, a large dune slack lake also important for wintering wildfowl.</p> <p>Ramsar criteria: Ramsar criterion 1 The site is the best and largest example of a bar-built estuary with lagoonal characteristics (a natural harbour) in Britain.</p> <p>Ramsar criterion 2 The site supports two species of nationally rare plant and one nationally rare alga. There are at least three British Red data book invertebrate species.</p> <p>Ramsar criterion 3 The site includes examples of natural habitat types of community interest - Mediterranean and thermo Atlantic halophilous scrubs, in this case dominated by Suaeda vera, as well as calcareous fens with Cladium mariscus. Transitions from saltmarsh through to peatland mires are of exceptional conservation importance as few such examples remain in Britain. The site supports nationally important populations of breeding waterfowl including Common tern, Sterna hirundo and Mediterranean gull Larus melanocephalus. Over winter the site also supports a nationally important population of Avocet Recurvirostra avosetta.</p>

ID	Location	Site	Details
B	502m S	Name: Dorset Heathlands Site status: Listed Data source: Natural England	<p>Overview: Extensive and fragmented, these heathland areas are centred around the estuary of Poole Harbour and are adjacent to the urban conurbation of Bournemouth and Poole. The heathland contains numerous examples of wet heath and acid valley mire, habitats that are restricted to the Atlantic fringe of Europe. These heath wetlands are among the best of their type in lowland Britain. There are also transitions to coastal wetland and fen habitat types. The wetland flora and fauna includes a large assemblage of nationally rare and scarce species, especially invertebrates.</p> <p>Ramsar criteria: Ramsar criterion 1 Contains particularly good examples of (i) northern Atlantic wet heaths with cross-leaved heath <i>Erica tetralix</i> and (ii) acid mire with <i>Rhynchosporion</i>. Contains largest example in Britain of southern Atlantic wet heaths with Dorset heath <i>Erica ciliaris</i> and cross-leaved heath <i>Erica tetralix</i>. Ramsar criterion 2 Supports 1 nationally rare and 13 nationally scarce wetland plant species, and at least 28 nationally rare wetland invertebrate species. Ramsar criterion 3 Has a high species richness and high ecological diversity of wetland habitat types and transitions, and lies in one of the most biologically-rich wetland areas of lowland Britain, being continuous with three other Ramsar sites: Poole Harbour, Avon Valley and The New Forest.</p>

ID	Location	Site	Details
12	937m SW	Name: Poole Harbour Site status: Listed Data source: Natural England	<p>Overview: Poole Harbour is a bar-built estuary covering an area of nearly 4000 hectares. The Harbour occupies a shallow depression in the acidic, tertiary deposits towards the south-western extremity of the Hampshire Basin and has been formed over the last 5000 years by a rise in sea level. The unusual micro-tidal regime means that a significant body of water is retained throughout the tidal cycle. The site therefore exhibits many of the characteristics of a lagoon. There are extensive intertidal mudflats supporting internationally important numbers of waterfowl in winter. These are fringed on the landward side by saltmarshes or reedbeds. The river valleys of the lower Frome and Piddle support grazing marsh which is also important for wintering waterfowl. Much of the catchment along the western and southern shores comprises the internationally important Dorset heathlands and there are unusual transitions from saltmarsh to valley mire. The Harbour is separated from Poole Bay by the internationally important Studland dunes and the site includes Littlesea, a large dune slack lake also important for wintering wildfowl.</p> <p>Ramsar criteria: Ramsar criterion 1 The site is the best and largest example of a bar-built estuary with lagoonal characteristics (a natural harbour) in Britain.</p> <p>Ramsar criterion 2 The site supports two species of nationally rare plant and one nationally rare alga. There are at least three British Red data book invertebrate species.</p> <p>Ramsar criterion 3 The site includes examples of natural habitat types of community interest - Mediterranean and thermo Atlantic halophilous scrubs, in this case dominated by Suaeda vera, as well as calcareous fens with Cladium mariscus. Transitions from saltmarsh through to peatland mires are of exceptional conservation importance as few such examples remain in Britain. The site supports nationally important populations of breeding waterfowl including Common tern, Sterna hirundo and Mediterranean gull Larus melanocephalus. Over winter the site also supports a nationally important population of Avocet Recurvirostra avosetta.</p>



ID	Location	Site	Details
13	1042m SW	Name: Poole Harbour Site status: Listed Data source: Natural England	<p>Overview: Poole Harbour is a bar-built estuary covering an area of nearly 4000 hectares. The Harbour occupies a shallow depression in the acidic, tertiary deposits towards the south-western extremity of the Hampshire Basin and has been formed over the last 5000 years by a rise in sea level. The unusual micro-tidal regime means that a significant body of water is retained throughout the tidal cycle. The site therefore exhibits many of the characteristics of a lagoon. There are extensive intertidal mudflats supporting internationally important numbers of waterfowl in winter. These are fringed on the landward side by saltmarshes or reedbeds. The river valleys of the lower Frome and Piddle support grazing marsh which is also important for wintering waterfowl. Much of the catchment along the western and southern shores comprises the internationally important Dorset heathlands and there are unusual transitions from saltmarsh to valley mire. The Harbour is separated from Poole Bay by the internationally important Studland dunes and the site includes Littlesea, a large dune slack lake also important for wintering wildfowl.</p> <p>Ramsar criteria: Ramsar criterion 1 The site is the best and largest example of a bar-built estuary with lagoonal characteristics (a natural harbour) in Britain.</p> <p>Ramsar criterion 2 The site supports two species of nationally rare plant and one nationally rare alga. There are at least three British Red data book invertebrate species.</p> <p>Ramsar criterion 3 The site includes examples of natural habitat types of community interest - Mediterranean and thermo Atlantic halophilous scrubs, in this case dominated by Suaeda vera, as well as calcareous fens with Cladium mariscus. Transitions from saltmarsh through to peatland mires are of exceptional conservation importance as few such examples remain in Britain. The site supports nationally important populations of breeding waterfowl including Common tern, Sterna hirundo and Mediterranean gull Larus melanocephalus. Over winter the site also supports a nationally important population of Avocet Recurvirostra avosetta.</p>

ID	Location	Site	Details
14	1064m E	Name: Poole Harbour Site status: Listed Data source: Natural England	<p>Overview: Poole Harbour is a bar-built estuary covering an area of nearly 4000 hectares. The Harbour occupies a shallow depression in the acidic, tertiary deposits towards the south-western extremity of the Hampshire Basin and has been formed over the last 5000 years by a rise in sea level. The unusual micro-tidal regime means that a significant body of water is retained throughout the tidal cycle. The site therefore exhibits many of the characteristics of a lagoon. There are extensive intertidal mudflats supporting internationally important numbers of waterfowl in winter. These are fringed on the landward side by saltmarshes or reedbeds. The river valleys of the lower Frome and Piddle support grazing marsh which is also important for wintering waterfowl. Much of the catchment along the western and southern shores comprises the internationally important Dorset heathlands and there are unusual transitions from saltmarsh to valley mire. The Harbour is separated from Poole Bay by the internationally important Studland dunes and the site includes Littlesea, a large dune slack lake also important for wintering wildfowl.</p> <p>Ramsar criteria: Ramsar criterion 1 The site is the best and largest example of a bar-built estuary with lagoonal characteristics (a natural harbour) in Britain.</p> <p>Ramsar criterion 2 The site supports two species of nationally rare plant and one nationally rare alga. There are at least three British Red data book invertebrate species.</p> <p>Ramsar criterion 3 The site includes examples of natural habitat types of community interest - Mediterranean and thermo Atlantic halophilous scrubs, in this case dominated by Suaeda vera, as well as calcareous fens with Cladium mariscus. Transitions from saltmarsh through to peatland mires are of exceptional conservation importance as few such examples remain in Britain. The site supports nationally important populations of breeding waterfowl including Common tern, Sterna hirundo and Mediterranean gull Larus melanocephalus. Over winter the site also supports a nationally important population of Avocet Recurvirostra avosetta.</p>

ID	Location	Site	Details
16	1130m S	Name: Poole Harbour Site status: Listed Data source: Natural England	<p>Overview: Poole Harbour is a bar-built estuary covering an area of nearly 4000 hectares. The Harbour occupies a shallow depression in the acidic, tertiary deposits towards the south-western extremity of the Hampshire Basin and has been formed over the last 5000 years by a rise in sea level. The unusual micro-tidal regime means that a significant body of water is retained throughout the tidal cycle. The site therefore exhibits many of the characteristics of a lagoon. There are extensive intertidal mudflats supporting internationally important numbers of waterfowl in winter. These are fringed on the landward side by saltmarshes or reedbeds. The river valleys of the lower Frome and Piddle support grazing marsh which is also important for wintering waterfowl. Much of the catchment along the western and southern shores comprises the internationally important Dorset heathlands and there are unusual transitions from saltmarsh to valley mire. The Harbour is separated from Poole Bay by the internationally important Studland dunes and the site includes Littlesea, a large dune slack lake also important for wintering wildfowl.</p> <p>Ramsar criteria: Ramsar criterion 1 The site is the best and largest example of a bar-built estuary with lagoonal characteristics (a natural harbour) in Britain.</p> <p>Ramsar criterion 2 The site supports two species of nationally rare plant and one nationally rare alga. There are at least three British Red data book invertebrate species.</p> <p>Ramsar criterion 3 The site includes examples of natural habitat types of community interest - Mediterranean and thermo Atlantic halophilous scrubs, in this case dominated by Suaeda vera, as well as calcareous fens with Cladium mariscus. Transitions from saltmarsh through to peatland mires are of exceptional conservation importance as few such examples remain in Britain. The site supports nationally important populations of breeding waterfowl including Common tern, Sterna hirundo and Mediterranean gull Larus melanocephalus. Over winter the site also supports a nationally important population of Avocet Recurvirostra avosetta.</p>

ID	Location	Site	Details
E	1159m NW	Name: Dorset Heathlands Site status: Listed Data source: Natural England	<p>Overview: Extensive and fragmented, these heathland areas are centred around the estuary of Poole Harbour and are adjacent to the urban conurbation of Bournemouth and Poole. The heathland contains numerous examples of wet heath and acid valley mire, habitats that are restricted to the Atlantic fringe of Europe. These heath wetlands are among the best of their type in lowland Britain. There are also transitions to coastal wetland and fen habitat types. The wetland flora and fauna includes a large assemblage of nationally rare and scarce species, especially invertebrates.</p> <p>Ramsar criteria: Ramsar criterion 1 Contains particularly good examples of (i) northern Atlantic wet heaths with cross-leaved heath <i>Erica tetralix</i> and (ii) acid mire with <i>Rhynchosporion</i>. Contains largest example in Britain of southern Atlantic wet heaths with Dorset heath <i>Erica ciliaris</i> and cross-leaved heath <i>Erica tetralix</i>. Ramsar criterion 2 Supports 1 nationally rare and 13 nationally scarce wetland plant species, and at least 28 nationally rare wetland invertebrate species. Ramsar criterion 3 Has a high species richness and high ecological diversity of wetland habitat types and transitions, and lies in one of the most biologically-rich wetland areas of lowland Britain, being continuous with three other Ramsar sites: Poole Harbour, Avon Valley and The New Forest.</p>

ID	Location	Site	Details
-	1419m S	Name: Poole Harbour Site status: Listed Data source: Natural England	<p>Overview: Poole Harbour is a bar-built estuary covering an area of nearly 4000 hectares. The Harbour occupies a shallow depression in the acidic, tertiary deposits towards the south-western extremity of the Hampshire Basin and has been formed over the last 5000 years by a rise in sea level. The unusual micro-tidal regime means that a significant body of water is retained throughout the tidal cycle. The site therefore exhibits many of the characteristics of a lagoon. There are extensive intertidal mudflats supporting internationally important numbers of waterfowl in winter. These are fringed on the landward side by saltmarshes or reedbeds. The river valleys of the lower Frome and Piddle support grazing marsh which is also important for wintering waterfowl. Much of the catchment along the western and southern shores comprises the internationally important Dorset heathlands and there are unusual transitions from saltmarsh to valley mire. The Harbour is separated from Poole Bay by the internationally important Studland dunes and the site includes Littlesea, a large dune slack lake also important for wintering wildfowl.</p> <p>Ramsar criteria: Ramsar criterion 1 The site is the best and largest example of a bar-built estuary with lagoonal characteristics (a natural harbour) in Britain.</p> <p>Ramsar criterion 2 The site supports two species of nationally rare plant and one nationally rare alga. There are at least three British Red data book invertebrate species.</p> <p>Ramsar criterion 3 The site includes examples of natural habitat types of community interest - Mediterranean and thermo Atlantic halophilous scrubs, in this case dominated by Suaeda vera, as well as calcareous fens with Cladium mariscus. Transitions from saltmarsh through to peatland mires are of exceptional conservation importance as few such examples remain in Britain. The site supports nationally important populations of breeding waterfowl including Common tern, Sterna hirundo and Mediterranean gull Larus melanocephalus. Over winter the site also supports a nationally important population of Avocet Recurvirostra avosetta.</p>

ID	Location	Site	Details
-	1434m E	Name: Poole Harbour Site status: Listed Data source: Natural England	<p>Overview: Poole Harbour is a bar-built estuary covering an area of nearly 4000 hectares. The Harbour occupies a shallow depression in the acidic, tertiary deposits towards the south-western extremity of the Hampshire Basin and has been formed over the last 5000 years by a rise in sea level. The unusual micro-tidal regime means that a significant body of water is retained throughout the tidal cycle. The site therefore exhibits many of the characteristics of a lagoon. There are extensive intertidal mudflats supporting internationally important numbers of waterfowl in winter. These are fringed on the landward side by saltmarshes or reedbeds. The river valleys of the lower Frome and Piddle support grazing marsh which is also important for wintering waterfowl. Much of the catchment along the western and southern shores comprises the internationally important Dorset heathlands and there are unusual transitions from saltmarsh to valley mire. The Harbour is separated from Poole Bay by the internationally important Studland dunes and the site includes Littlesea, a large dune slack lake also important for wintering wildfowl.</p> <p>Ramsar criteria: Ramsar criterion 1 The site is the best and largest example of a bar-built estuary with lagoonal characteristics (a natural harbour) in Britain.</p> <p>Ramsar criterion 2 The site supports two species of nationally rare plant and one nationally rare alga. There are at least three British Red data book invertebrate species.</p> <p>Ramsar criterion 3 The site includes examples of natural habitat types of community interest - Mediterranean and thermo Atlantic halophilous scrubs, in this case dominated by Suaeda vera, as well as calcareous fens with Cladium mariscus. Transitions from saltmarsh through to peatland mires are of exceptional conservation importance as few such examples remain in Britain. The site supports nationally important populations of breeding waterfowl including Common tern, Sterna hirundo and Mediterranean gull Larus melanocephalus. Over winter the site also supports a nationally important population of Avocet Recurvirostra avosetta.</p>

ID	Location	Site	Details
-	1824m S	Name: Dorset Heathlands Site status: Listed Data source: Natural England	<p>Overview: Extensive and fragmented, these heathland areas are centred around the estuary of Poole Harbour and are adjacent to the urban conurbation of Bournemouth and Poole. The heathland contains numerous examples of wet heath and acid valley mire, habitats that are restricted to the Atlantic fringe of Europe. These heath wetlands are among the best of their type in lowland Britain. There are also transitions to coastal wetland and fen habitat types. The wetland flora and fauna includes a large assemblage of nationally rare and scarce species, especially invertebrates.</p> <p>Ramsar criteria: Ramsar criterion 1 Contains particularly good examples of (i) northern Atlantic wet heaths with cross-leaved heath <i>Erica tetralix</i> and (ii) acid mire with <i>Rhynchosporion</i>. Contains largest example in Britain of southern Atlantic wet heaths with Dorset heath <i>Erica ciliaris</i> and cross-leaved heath <i>Erica tetralix</i>. Ramsar criterion 2 Supports 1 nationally rare and 13 nationally scarce wetland plant species, and at least 28 nationally rare wetland invertebrate species. Ramsar criterion 3 Has a high species richness and high ecological diversity of wetland habitat types and transitions, and lies in one of the most biologically-rich wetland areas of lowland Britain, being continuous with three other Ramsar sites: Poole Harbour, Avon Valley and The New Forest.</p>
-	1898m N	Name: Dorset Heathlands Site status: Listed Data source: Natural England	<p>Overview: Extensive and fragmented, these heathland areas are centred around the estuary of Poole Harbour and are adjacent to the urban conurbation of Bournemouth and Poole. The heathland contains numerous examples of wet heath and acid valley mire, habitats that are restricted to the Atlantic fringe of Europe. These heath wetlands are among the best of their type in lowland Britain. There are also transitions to coastal wetland and fen habitat types. The wetland flora and fauna includes a large assemblage of nationally rare and scarce species, especially invertebrates.</p> <p>Ramsar criteria: Ramsar criterion 1 Contains particularly good examples of (i) northern Atlantic wet heaths with cross-leaved heath <i>Erica tetralix</i> and (ii) acid mire with <i>Rhynchosporion</i>. Contains largest example in Britain of southern Atlantic wet heaths with Dorset heath <i>Erica ciliaris</i> and cross-leaved heath <i>Erica tetralix</i>. Ramsar criterion 2 Supports 1 nationally rare and 13 nationally scarce wetland plant species, and at least 28 nationally rare wetland invertebrate species. Ramsar criterion 3 Has a high species richness and high ecological diversity of wetland habitat types and transitions, and lies in one of the most biologically-rich wetland areas of lowland Britain, being continuous with three other Ramsar sites: Poole Harbour, Avon Valley and The New Forest.</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

7

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 60**

ID	Location	Name	Features of interest	Habitat description	Data source
A	109m S	Dorset Heaths	Wet heathland with cross-leaved heath; Wet heathland with Dorset heath and cross-leaved heath; Dry heaths; Purple moor-grass meadows; Depressions on peat substrates; Calcium-rich fen dominated by great fen sedge (saw sedge); Calcium-rich springwater-fed fens; Dry oak-dominated woodland; Bog woodland; Great crested newt; Southern damselfly.	Mixed woodland; Dry grassland, Steppes; Coniferous woodland; Broad-leaved deciduous woodland; Heath, Scrub, Maquis and Garrigue, Phygrana; Bogs, Marshes, Water fringed vegetation, Fens; Humid grassland, Mesophile grassland; Inland water bodies (Standing water, Running water)	Natural England
B	502m S	Dorset Heaths	Wet heathland with cross-leaved heath; Wet heathland with Dorset heath and cross-leaved heath; Dry heaths; Purple moor-grass meadows; Depressions on peat substrates; Calcium-rich fen dominated by great fen sedge (saw sedge); Calcium-rich springwater-fed fens; Dry oak-dominated woodland; Bog woodland; Great crested newt; Southern damselfly.	Mixed woodland; Dry grassland, Steppes; Coniferous woodland; Broad-leaved deciduous woodland; Heath, Scrub, Maquis and Garrigue, Phygrana; Bogs, Marshes, Water fringed vegetation, Fens; Humid grassland, Mesophile grassland; Inland water bodies (Standing water, Running water)	Natural England
C	729m NW	Dorset Heaths	Wet heathland with cross-leaved heath; Wet heathland with Dorset heath and cross-leaved heath; Dry heaths; Purple moor-grass meadows; Depressions on peat substrates; Calcium-rich fen dominated by great fen sedge (saw sedge); Calcium-rich springwater-fed fens; Dry oak-dominated woodland; Bog woodland; Great crested newt; Southern damselfly.	Mixed woodland; Dry grassland, Steppes; Coniferous woodland; Broad-leaved deciduous woodland; Heath, Scrub, Maquis and Garrigue, Phygrana; Bogs, Marshes, Water fringed vegetation, Fens; Humid grassland, Mesophile grassland; Inland water bodies (Standing water, Running water)	Natural England
E	1160m NW	Dorset Heaths	Wet heathland with cross-leaved heath; Wet heathland with Dorset heath and cross-leaved heath; Dry heaths; Purple moor-grass meadows; Depressions on peat substrates; Calcium-rich fen dominated by great fen sedge (saw sedge); Calcium-rich springwater-fed fens; Dry oak-dominated woodland; Bog woodland; Great crested newt; Southern damselfly.	Mixed woodland; Dry grassland, Steppes; Coniferous woodland; Broad-leaved deciduous woodland; Heath, Scrub, Maquis and Garrigue, Phygrana; Bogs, Marshes, Water fringed vegetation, Fens; Humid grassland, Mesophile grassland; Inland water bodies (Standing water, Running water)	Natural England



ID	Location	Name	Features of interest	Habitat description	Data source
-	1825m S	Dorset Heaths	Wet heathland with cross-leaved heath; Wet heathland with Dorset heath and cross-leaved heath; Dry heaths; Purple moor-grass meadows; Depressions on peat substrates; Calcium-rich fen dominated by great fen sedge (saw sedge); Calcium-rich springwater-fed fens; Dry oak-dominated woodland; Bog woodland; Great crested newt; Southern damselfly.	Mixed woodland; Dry grassland, Steppes; Coniferous woodland; Broad-leaved deciduous woodland; Heath, Scrub, Maquis and Garrigue, Phygrana; Bogs, Marshes, Water fringed vegetation, Fens; Humid grassland, Mesophile grassland; Inland water bodies (Standing water, Running water)	Natural England
-	1899m N	Dorset Heaths	Wet heathland with cross-leaved heath; Wet heathland with Dorset heath and cross-leaved heath; Dry heaths; Purple moor-grass meadows; Depressions on peat substrates; Calcium-rich fen dominated by great fen sedge (saw sedge); Calcium-rich springwater-fed fens; Dry oak-dominated woodland; Bog woodland; Great crested newt; Southern damselfly.	Mixed woodland; Dry grassland, Steppes; Coniferous woodland; Broad-leaved deciduous woodland; Heath, Scrub, Maquis and Garrigue, Phygrana; Bogs, Marshes, Water fringed vegetation, Fens; Humid grassland, Mesophile grassland; Inland water bodies (Standing water, Running water)	Natural England
-	1960m W	Dorset Heaths	Wet heathland with cross-leaved heath; Wet heathland with Dorset heath and cross-leaved heath; Dry heaths; Purple moor-grass meadows; Depressions on peat substrates; Calcium-rich fen dominated by great fen sedge (saw sedge); Calcium-rich springwater-fed fens; Dry oak-dominated woodland; Bog woodland; Great crested newt; Southern damselfly.	Mixed woodland; Dry grassland, Steppes; Coniferous woodland; Broad-leaved deciduous woodland; Heath, Scrub, Maquis and Garrigue, Phygrana; Bogs, Marshes, Water fringed vegetation, Fens; Humid grassland, Mesophile grassland; Inland water bodies (Standing water, Running water)	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

8

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 60**



ID	Location	Name	Species of interest	Habitat description	Data source
A	109m S	Dorset Heathlands	Hen harrier; Merlin; European nightjar; Wood lark; Dartford warbler	Heath, Scrub, Maquis and Garrigue, Phygrana; Inland water bodies (Standing water, Running water); Coniferous woodland; Broad-leaved deciduous woodland; Bogs, Marshes, Water fringed vegetation, Fens; Dry grassland, Steppes; Coastal sand dunes, Sand beaches, Machair	Natural England
5	409m NW	Poole Harbour	Little egret; Common shelduck; Pied avocet; Mediterranean gull; Sandwich tern; Common tern; Black-tailed godwit	Salt marshes, Salt pastures, Salt steppes; Tidal rivers, Estuaries, Mud flats, Sand flats, Lagoons (including saltwork basins); Humid grassland, Mesophile grassland; Inland water bodies (Standing water, Running water); Bogs, Marshes, Water fringed vegetation, Fens; Marine areas, Sea inlets	Natural England
B	502m S	Dorset Heathlands	Hen harrier; Merlin; European nightjar; Wood lark; Dartford warbler	Heath, Scrub, Maquis and Garrigue, Phygrana; Inland water bodies (Standing water, Running water); Coniferous woodland; Broad-leaved deciduous woodland; Bogs, Marshes, Water fringed vegetation, Fens; Dry grassland, Steppes; Coastal sand dunes, Sand beaches, Machair	Natural England
C	729m NW	Dorset Heathlands	Hen harrier; Merlin; European nightjar; Wood lark; Dartford warbler	Heath, Scrub, Maquis and Garrigue, Phygrana; Inland water bodies (Standing water, Running water); Coniferous woodland; Broad-leaved deciduous woodland; Bogs, Marshes, Water fringed vegetation, Fens; Dry grassland, Steppes; Coastal sand dunes, Sand beaches, Machair	Natural England
E	1160m NW	Dorset Heathlands	Hen harrier; Merlin; European nightjar; Wood lark; Dartford warbler	Heath, Scrub, Maquis and Garrigue, Phygrana; Inland water bodies (Standing water, Running water); Coniferous woodland; Broad-leaved deciduous woodland; Bogs, Marshes, Water fringed vegetation, Fens; Dry grassland, Steppes; Coastal sand dunes, Sand beaches, Machair	Natural England
-	1825m S	Dorset Heathlands	Hen harrier; Merlin; European nightjar; Wood lark; Dartford warbler	Heath, Scrub, Maquis and Garrigue, Phygrana; Inland water bodies (Standing water, Running water); Coniferous woodland; Broad-leaved deciduous woodland; Bogs, Marshes, Water fringed vegetation, Fens; Dry grassland, Steppes; Coastal sand dunes, Sand beaches, Machair	Natural England



ID	Location	Name	Species of interest	Habitat description	Data source
-	1899m N	Dorset Heathlands	Hen harrier; Merlin; European nightjar; Wood lark; Dartford warbler	Heath, Scrub, Maquis and Garrigue, Phygrana; Inland water bodies (Standing water, Running water); Coniferous woodland; Broad-leaved deciduous woodland; Bogs, Marshes, Water fringed vegetation, Fens; Dry grassland, Steppes; Coastal sand dunes, Sand beaches, Machair	Natural England
-	1980m S	Dorset Heathlands	Hen harrier; Merlin; European nightjar; Wood lark; Dartford warbler	Heath, Scrub, Maquis and Garrigue, Phygrana; Inland water bodies (Standing water, Running water); Coniferous woodland; Broad-leaved deciduous woodland; Bogs, Marshes, Water fringed vegetation, Fens; Dry grassland, Steppes; Coastal sand dunes, Sand beaches, Machair	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

1

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 60**

ID	Location	Name	Data source
-	1788m S	Purbeck Heaths	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

2

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

Features are displayed on the Environmental designations map on **page 60**

ID	Location	Name	Data source
2	262m NW	Turlin Moor	Natural England



ID	Location	Name	Data source
B	541m S	Ham Common, Dorset	Natural England

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

10.7 Designated Ancient Woodland

Records within 2000m

2

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.

Features are displayed on the Environmental designations map on **page 60**

ID	Location	Name	Woodland Type
-	1845m W	Holly Coppice	Ancient & Semi-Natural Woodland
-	1981m S	Unknown	Ancient & Semi-Natural Woodland

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

9

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

Features are displayed on the Environmental designations map on **page 60**

ID	Location	Name	Local Authority name
1	214m NW	South West Hampshire	Bournemouth, Christchurch and Poole
6	538m N	South West Hampshire	Dorset
7	686m NE	South West Hampshire	Bournemouth, Christchurch and Poole
D	961m W	South West Hampshire	Bournemouth, Christchurch and Poole
D	1008m SW	South West Hampshire	Bournemouth, Christchurch and Poole
-	1567m NE	South West Hampshire	Bournemouth, Christchurch and Poole
-	1609m NE	South West Hampshire	Bournemouth, Christchurch and Poole
-	1612m NE	South West Hampshire	Bournemouth, Christchurch and Poole
-	1757m NE	South West Hampshire	Bournemouth, Christchurch and Poole

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

10.12 Proposed Ramsar sites

Records within 2000m

0

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

This data is sourced from Natural England.



10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m

0

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

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

10.14 Potential Special Protection Areas (pSPA)

Records within 2000m

0

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

This data is sourced from Natural England.

10.15 Nitrate Sensitive Areas

Records within 2000m

0

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

This data is sourced from Natural England.

10.16 Nitrate Vulnerable Zones

Records within 2000m

1

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

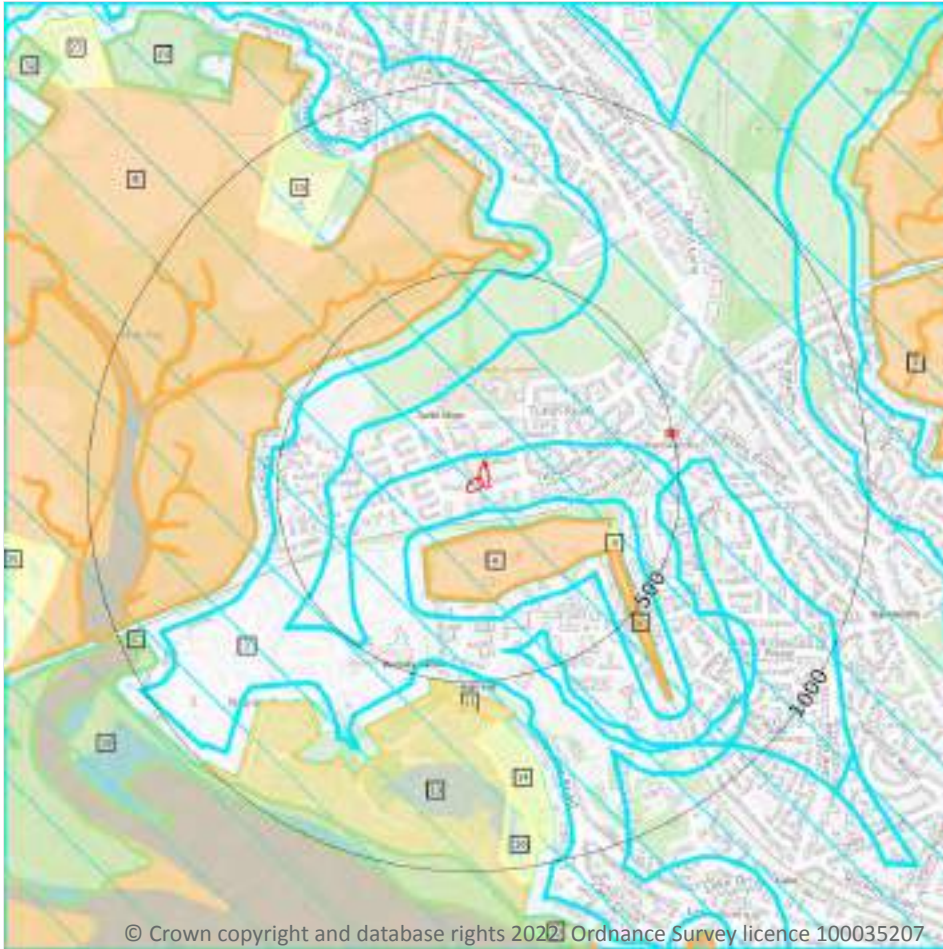
Location	Name	Type	NVZ ID	Status
691m NE	Poole Harbour	Eutrophic Water	1	Existing



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



SSSI Impact Zones and Units



- Site Outline
- Search buffers in metres (m)
- SSSI Impact Risk Zones
- SSSI Units
- Not recorded
- Favourable
- Unfavourable - Recovering
- Unfavourable - No change
- Unfavourable - Declining
- Partially destroyed
- Destroyed

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 80**

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, 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 - Any residential developments with a total net gain in residential units.</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

52

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 80**

ID: A
 Location: 109m S
 SSSI name: Ham Common
 Unit name: 1
 Broad habitat: Dwarf Shrub Heath - Lowland
 Condition: Unfavourable - Declining
 Reportable features:



Feature name	Feature condition	Date of assessment
H4030 European dry heaths	Unfavourable - Declining	20/07/2010

ID: 4
 Location: 344m E
 SSSI name: Ham Common
 Unit name: 2
 Broad habitat: Dwarf Shrub Heath - Lowland
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
H4030 European dry heaths	Unfavourable - Recovering	03/11/2010

ID: 6
 Location: 359m SE
 SSSI name: Ham Common
 Unit name: 1
 Broad habitat: Dwarf Shrub Heath - Lowland
 Condition: Unfavourable - Declining
 Reportable features:

Feature name	Feature condition	Date of assessment
H4030 European dry heaths	Unfavourable - Declining	20/07/2010

ID: 9
 Location: 409m NW
 SSSI name: Poole Harbour
 Unit name: Lychett Bay West
 Broad habitat: Fen, Marsh And Swamp - Lowland
 Condition: Unfavourable - Declining
 Reportable features:

Feature name	Feature condition	Date of assessment
>20,000 Non-breeding waterbirds	Favourable	07/01/2020
Aggregations of breeding birds - Redshank, Tringa totanus	Favourable	07/01/2020
Aggregations of non-breeding birds - Avocet, Recurvirostra avosetta	Favourable	07/01/2020



Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Black-tailed godwit, <i>Limosa limosa islandica</i>	Favourable	07/01/2020
Aggregations of non-breeding birds - Brent goose (dark-bellied), <i>Branta bernicla bernicla</i>	Favourable	07/01/2020
Aggregations of non-breeding birds - Curlew, <i>Numenius arquata</i>	Favourable	07/01/2020
Aggregations of non-breeding birds - Dunlin, <i>Calidris alpina alpina</i>	Favourable	07/01/2020
Aggregations of non-breeding birds - Grey plover, <i>Pluvialis squatarola</i>	Favourable	07/01/2020
Aggregations of non-breeding birds - Redshank, <i>Tringa totanus</i>	Favourable	07/01/2020
Aggregations of non-breeding birds - Shelduck, <i>Tadorna tadorna</i>	Unfavourable - Declining	07/01/2020
Aggregations of non-breeding birds - Teal, <i>Anas crecca</i>	Favourable	07/01/2020
Avocet, <i>Recurvirostra avosetta</i> - A132-A, b	Favourable	07/01/2020
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	Favourable	07/01/2020
Estuaries	Unfavourable - Declining	07/01/2020
Littoral sediment	Unfavourable - Declining	07/01/2020
Phragmites australis swamp and reed-beds (S4)	Favourable	07/01/2020
SM4-28 - Saltmarsh	Unfavourable - Declining	07/01/2020
Shelduck, <i>Tadorna tadorna</i> - A048, b	Unfavourable - Declining	07/01/2020
Wet woodland	Favourable	07/01/2020

ID: 11
Location: 502m S
SSSI name: Ham Common
Unit name: 4
Broad habitat: Dwarf Shrub Heath - Lowland
Condition: Unfavourable - No change
Reportable features:

Feature name	Feature condition	Date of assessment
H4030 European dry heaths	Unfavourable - No change	20/07/2010



ID: 12
 Location: 513m N
 SSSI name: Poole Harbour
 Unit name: Poole Harbour Channels And Open Water
 Broad habitat: Littoral Sediment
 Condition: Unfavourable - Declining
 Reportable features:

Feature name	Feature condition	Date of assessment
>20,000 Non-breeding waterbirds	Unfavourable - Declining	18/10/2020
Aggregations of breeding birds - Common tern, <i>Sterna hirundo</i>	Favourable	18/10/2020
Aggregations of breeding birds - Sandwich tern, <i>Sterna sandvicensis</i>	Favourable	18/10/2020
Aggregations of non-breeding birds - Brent goose (dark-bellied), <i>Branta bernicla bernicla</i>	Favourable	18/10/2020
Aggregations of non-breeding birds - Cormorant, <i>Phalacrocorax carbo carbo</i>	Favourable	18/10/2020
Aggregations of non-breeding birds - Goldeneye, <i>Bucephala clangula</i>	Unfavourable - Declining	18/10/2020
Aggregations of non-breeding birds - Pintail, <i>Anas acuta</i>	Favourable	18/10/2020
Aggregations of non-breeding birds - Red-breasted merganser, <i>Mergus serrator</i>	Unfavourable - Declining	18/10/2020
Aggregations of non-breeding birds - Teal, <i>Anas crecca</i>	Favourable	18/10/2020
Estuaries	Unfavourable - Declining	18/10/2020

ID: 13
 Location: 542m S
 SSSI name: Ham Common
 Unit name: 6
 Broad habitat: Dwarf Shrub Heath - Lowland
 Condition: Unfavourable - No change
 Reportable features:

Feature name	Feature condition	Date of assessment
FM - Tertiary Palaeobotany	Favourable	08/09/2010
H4010 Northern Atlantic wet heaths with <i>Erica tetralix</i>	Unfavourable - No change	08/09/2010
H4030 European dry heaths	Unfavourable - No change	08/09/2010
Nationally rare and scarce dragonfly species - <i>Ceriagrion tenellum</i> , Small Red Damselfly	Not Recorded	01/01/1900

ID: 14
 Location: 614m S
 SSSI name: Ham Common
 Unit name: 3
 Broad habitat: Dwarf Shrub Heath - Lowland
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
H4030 European dry heaths	Unfavourable - Recovering	07/07/2010

ID: 15
 Location: 729m NW
 SSSI name: Poole Harbour
 Unit name: Yarrell's Heath
 Broad habitat: Dwarf Shrub Heath - Lowland
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
H4010 Northern Atlantic wet heaths with Erica tetralix	Unfavourable - Recovering	11/11/2009
H4030 European dry heaths	Unfavourable - Recovering	11/11/2009

ID: 16
 Location: 797m S
 SSSI name: Ham Common
 Unit name: 5
 Broad habitat: Dwarf Shrub Heath - Lowland
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
H4010 Northern Atlantic wet heaths with Erica tetralix	Unfavourable - Recovering	12/07/2010
H4030 European dry heaths	Unfavourable - Recovering	12/07/2010
Nationally rare and scarce dragonfly species - Ceriagrion tenellum, Small Red Damselfly	Not Recorded	01/01/1900

ID: 17
 Location: 925m W
 SSSI name: Poole Harbour
 Unit name: Lychett Bay West
 Broad habitat: Fen, Marsh And Swamp - Lowland
 Condition: Unfavourable - Declining
 Reportable features:

Feature name	Feature condition	Date of assessment
>20,000 Non-breeding waterbirds	Favourable	07/01/2020
Aggregations of breeding birds - Redshank, <i>Tringa totanus</i>	Favourable	07/01/2020
Aggregations of non-breeding birds - Avocet, <i>Recurvirostra avosetta</i>	Favourable	07/01/2020
Aggregations of non-breeding birds - Black-tailed godwit, <i>Limosa limosa islandica</i>	Favourable	07/01/2020
Aggregations of non-breeding birds - Brent goose (dark-bellied), <i>Branta bernicla bernicla</i>	Favourable	07/01/2020
Aggregations of non-breeding birds - Curlew, <i>Numenius arquata</i>	Favourable	07/01/2020
Aggregations of non-breeding birds - Dunlin, <i>Calidris alpina alpina</i>	Favourable	07/01/2020
Aggregations of non-breeding birds - Grey plover, <i>Pluvialis squatarola</i>	Favourable	07/01/2020
Aggregations of non-breeding birds - Redshank, <i>Tringa totanus</i>	Favourable	07/01/2020
Aggregations of non-breeding birds - Shelduck, <i>Tadorna tadorna</i>	Unfavourable - Declining	07/01/2020
Aggregations of non-breeding birds - Teal, <i>Anas crecca</i>	Favourable	07/01/2020
Avocet, <i>Recurvirostra avosetta</i> - A132-A, b	Favourable	07/01/2020
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	Favourable	07/01/2020
Estuaries	Unfavourable - Declining	07/01/2020
Littoral sediment	Unfavourable - Declining	07/01/2020
<i>Phragmites australis</i> swamp and reed-beds (S4)	Favourable	07/01/2020
SM4-28 - Saltmarsh	Unfavourable - Declining	07/01/2020
Shelduck, <i>Tadorna tadorna</i> - A048, b	Unfavourable - Declining	07/01/2020
Wet woodland	Favourable	07/01/2020



ID: 18
 Location: 934m SW
 SSSI name: Poole Harbour
 Unit name: Ham Common
 Broad habitat: Littoral Sediment
 Condition: Favourable
 Reportable features:

Feature name	Feature condition	Date of assessment
>20,000 Non-breeding waterbirds	Favourable	22/11/2012
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	Favourable	22/11/2012
Estuaries	Favourable	22/11/2012
Littoral sediment	Favourable	22/11/2012
SM4-28 - Saltmarsh	Favourable	22/11/2012

ID: C
 Location: 941m SW
 SSSI name: Poole Harbour
 Unit name: Ham Common
 Broad habitat: Littoral Sediment
 Condition: Favourable
 Reportable features:

Feature name	Feature condition	Date of assessment
>20,000 Non-breeding waterbirds	Favourable	22/11/2012
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	Favourable	22/11/2012
Estuaries	Favourable	22/11/2012
Littoral sediment	Favourable	22/11/2012
SM4-28 - Saltmarsh	Favourable	22/11/2012

ID: C
 Location: 1002m SW
 SSSI name: Poole Harbour
 Unit name: Ham Common
 Broad habitat: Littoral Sediment
 Condition: Favourable
 Reportable features:



Feature name	Feature condition	Date of assessment
>20,000 Non-breeding waterbirds	Favourable	22/11/2012
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	Favourable	22/11/2012
Estuaries	Favourable	22/11/2012
Littoral sediment	Favourable	22/11/2012
SM4-28 - Saltmarsh	Favourable	22/11/2012

ID: 20
Location: 1042m SW
SSSI name: Poole Harbour
Unit name: Holton Mere And Wood Bar Looe
Broad habitat: Fen, Marsh And Swamp - Lowland
Condition: Favourable
Reportable features:

Feature name	Feature condition	Date of assessment
>20,000 Non-breeding waterbirds	Favourable	22/11/2012
Aggregations of breeding birds - Redshank, <i>Tringa totanus</i>	-	-
Aggregations of non-breeding birds - Avocet, <i>Recurvirostra avosetta</i>	-	-
Aggregations of non-breeding birds - Black-tailed godwit, <i>Limosa limosa islandica</i>	-	-
Aggregations of non-breeding birds - Brent goose (dark-bellied), <i>Branta bernicla bernicla</i>	-	-
Aggregations of non-breeding birds - Curlew, <i>Numenius arquata</i>	-	-
Aggregations of non-breeding birds - Dunlin, <i>Calidris alpina alpina</i>	-	-
Aggregations of non-breeding birds - Grey plover, <i>Pluvialis squatarola</i>	-	-
Aggregations of non-breeding birds - Redshank, <i>Tringa totanus</i>	-	-
Aggregations of non-breeding birds - Shelduck, <i>Tadorna tadorna</i>	-	-
Aggregations of non-breeding birds - Teal, <i>Anas crecca</i>	-	-
Avocet, <i>Recurvirostra avosetta</i> - A132-A, b	-	-
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	-	-
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	Favourable	22/11/2012
Estuaries	Favourable	22/11/2012



Feature name	Feature condition	Date of assessment
Littoral sediment	Favourable	22/11/2012
Phragmites australis swamp and reed-beds (S4)	-	-
SM4-28 - Saltmarsh	Favourable	22/11/2012
Shelduck, Tadorna tadorna - A048, b	-	-

ID: 21
Location: 1064m E
SSSI name: Poole Harbour
Unit name: Holes Bay, Upton Lake Mud And Saltmarsh
Broad habitat: Littoral Sediment
Condition: Unfavourable - Declining
Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Avocet, Recurvirostra avoetia	Favourable	25/05/2018
Aggregations of non-breeding birds - Black-tailed godwit, Limosa limosa islandica	Favourable	25/05/2018
Aggregations of non-breeding birds - Brent goose (dark-bellied), Branta bernicla bernicla	Favourable	25/05/2018
Aggregations of non-breeding birds - Curlew, Numenius arquata	Favourable	25/05/2018
Aggregations of non-breeding birds - Dunlin, Calidris alpina alpina	Favourable	25/05/2018
Aggregations of non-breeding birds - Grey plover, Pluvialis squatarola	Favourable	25/05/2018
Aggregations of non-breeding birds - Little egret, Egretta garzetta	Favourable	25/05/2018
Aggregations of non-breeding birds - Redshank, Tringa totanus	Favourable	25/05/2018
Aggregations of non-breeding birds - Shelduck, Tadorna tadorna	Unfavourable - Declining	25/05/2018
Aggregations of non-breeding birds - Teal, Anas crecca	Favourable	25/05/2018
Avocet, Recurvirostra avoetia - A132-A, b	Favourable	25/05/2018
Black-tailed godwit, Limosa limosa islandica - A616, nb	Favourable	25/05/2018
Estuaries	Unfavourable - Declining	25/05/2018
Littoral sediment	Unfavourable - No change	25/05/2018
Phragmites australis swamp and reed-beds (S4)	Favourable	25/05/2018
SM4-28 - Saltmarsh	Unfavourable - Declining	25/05/2018



Feature name	Feature condition	Date of assessment
Shelduck, Tadorna tadorna - A048, b	Unfavourable - Declining	25/05/2018

ID: 22
 Location: 1084m W
 SSSI name: Poole Harbour
 Unit name: East Holton Reedbed
 Broad habitat: Fen, Marsh And Swamp - Lowland
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
Lowland wetland including basin fen, valley fen, floodplain fen, waterfringe fen, spring/flush fen and raised bog lagg	Unfavourable - Recovering	08/02/2014

ID: D
 Location: 1131m NE
 SSSI name: Poole Harbour
 Unit name: Holes Bay North
 Broad habitat: Littoral Sediment
 Condition: Unfavourable - Declining
 Reportable features:

Feature name	Feature condition	Date of assessment
>20,000 Non-breeding waterbirds	Favourable	27/07/2017
Black-tailed godwit, Limosa limosa islandica - A616, nb	Favourable	27/07/2017
Estuaries	Unfavourable - Declining	27/07/2017
SM4-28 - Saltmarsh	Unfavourable - Declining	27/07/2017

ID: 23
 Location: 1131m S
 SSSI name: Poole Harbour
 Unit name: Lake
 Broad habitat: Littoral Sediment
 Condition: Favourable
 Reportable features:

Feature name	Feature condition	Date of assessment
>20,000 Non-breeding waterbirds	Favourable	22/11/2012
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	Favourable	22/11/2012
Estuaries	Favourable	22/11/2012
Littoral sediment	Favourable	22/11/2012
SM4-28 - Saltmarsh	Favourable	22/11/2012

ID: E
 Location: 1142m E
 SSSI name: Poole Harbour
 Unit name: Poole Harbour Channels And Open Water
 Broad habitat: Littoral Sediment
 Condition: Unfavourable - Declining
 Reportable features:

Feature name	Feature condition	Date of assessment
>20,000 Non-breeding waterbirds	Unfavourable - Declining	18/10/2020
Aggregations of breeding birds - Common tern, <i>Sterna hirundo</i>	Favourable	18/10/2020
Aggregations of breeding birds - Sandwich tern, <i>Sterna sandvicensis</i>	Favourable	18/10/2020
Aggregations of non-breeding birds - Brent goose (dark-bellied), <i>Branta bernicla bernicla</i>	Favourable	18/10/2020
Aggregations of non-breeding birds - Cormorant, <i>Phalacrocorax carbo carbo</i>	Favourable	18/10/2020
Aggregations of non-breeding birds - Goldeneye, <i>Bucephala clangula</i>	Unfavourable - Declining	18/10/2020
Aggregations of non-breeding birds - Pintail, <i>Anas acuta</i>	Favourable	18/10/2020
Aggregations of non-breeding birds - Red-breasted merganser, <i>Mergus serrator</i>	Unfavourable - Declining	18/10/2020
Aggregations of non-breeding birds - Teal, <i>Anas crecca</i>	Favourable	18/10/2020
Estuaries	Unfavourable - Declining	18/10/2020

ID: 24
 Location: 1160m NW
 SSSI name: Poole Harbour
 Unit name: Lytchett Bay Heath
 Broad habitat: Dwarf Shrub Heath - Lowland
 Condition: Favourable
 Reportable features:



Feature name	Feature condition	Date of assessment
H4010 Northern Atlantic wet heaths with Erica tetralix	Not Recorded	01/01/1900
H4030 European dry heaths	Not Recorded	01/01/1900

ID: 25
 Location: 1171m W
 SSSI name: Poole Harbour
 Unit name: Rock Lea Wood
 Broad habitat: Dwarf Shrub Heath - Lowland
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
Lowland fens, including basin, flood-plain, open water transition and valley fens	Unfavourable - Recovering	08/02/2013
Lowland wet heath	Unfavourable - Recovering	08/02/2013
Wet woodland	Unfavourable - Recovering	08/02/2013

ID: E
 Location: 1182m E
 SSSI name: Poole Harbour
 Unit name: Poole Harbour Channels And Open Water
 Broad habitat: Littoral Sediment
 Condition: Unfavourable - Declining
 Reportable features:

Feature name	Feature condition	Date of assessment
>20,000 Non-breeding waterbirds	Unfavourable - Declining	18/10/2020
Aggregations of breeding birds - Common tern, <i>Sterna hirundo</i>	Favourable	18/10/2020
Aggregations of breeding birds - Sandwich tern, <i>Sterna sandvicensis</i>	Favourable	18/10/2020
Aggregations of non-breeding birds - Brent goose (dark-bellied), <i>Branta bernicla bernicla</i>	Favourable	18/10/2020
Aggregations of non-breeding birds - Cormorant, <i>Phalacrocorax carbo carbo</i>	Favourable	18/10/2020
Aggregations of non-breeding birds - Goldeneye, <i>Bucephala clangula</i>	Unfavourable - Declining	18/10/2020
Aggregations of non-breeding birds - Pintail, <i>Anas acuta</i>	Favourable	18/10/2020



Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Red-breasted merganser, <i>Mergus serrator</i>	Unfavourable - Declining	18/10/2020
Aggregations of non-breeding birds - Teal, <i>Anas crecca</i>	Favourable	18/10/2020
Estuaries	Unfavourable - Declining	18/10/2020

ID: E
Location: 1200m E
SSSI name: Poole Harbour
Unit name: Poole Harbour Channels And Open Water
Broad habitat: Littoral Sediment
Condition: Unfavourable - Declining
Reportable features:

Feature name	Feature condition	Date of assessment
>20,000 Non-breeding waterbirds	Unfavourable - Declining	18/10/2020
Aggregations of breeding birds - Common tern, <i>Sterna hirundo</i>	Favourable	18/10/2020
Aggregations of breeding birds - Sandwich tern, <i>Sterna sandvicensis</i>	Favourable	18/10/2020
Aggregations of non-breeding birds - Brent goose (dark-bellied), <i>Branta bernicla bernicla</i>	Favourable	18/10/2020
Aggregations of non-breeding birds - Cormorant, <i>Phalacrocorax carbo carbo</i>	Favourable	18/10/2020
Aggregations of non-breeding birds - Goldeneye, <i>Bucephala clangula</i>	Unfavourable - Declining	18/10/2020
Aggregations of non-breeding birds - Pintail, <i>Anas acuta</i>	Favourable	18/10/2020
Aggregations of non-breeding birds - Red-breasted merganser, <i>Mergus serrator</i>	Unfavourable - Declining	18/10/2020
Aggregations of non-breeding birds - Teal, <i>Anas crecca</i>	Favourable	18/10/2020
Estuaries	Unfavourable - Declining	18/10/2020

ID: F
Location: 1324m NE
SSSI name: Poole Harbour
Unit name: Holes Bay North Mudflat
Broad habitat: Littoral Sediment
Condition: Unfavourable - Declining
Reportable features:



Feature name	Feature condition	Date of assessment
>20,000 Non-breeding waterbirds	Favourable	02/11/2017
Aggregations of non-breeding birds - Avocet, <i>Recurvirostra avosetta</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Black-tailed godwit, <i>Limosa limosa islandica</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Brent goose (dark-bellied), <i>Branta bernicla bernicla</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Curlew, <i>Numenius arquata</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Dunlin, <i>Calidris alpina alpina</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Grey plover, <i>Pluvialis squatarola</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Redshank, <i>Tringa totanus</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Shelduck, <i>Tadorna tadorna</i>	Unfavourable - Declining	02/11/2017
Aggregations of non-breeding birds - Teal, <i>Anas crecca</i>	Favourable	02/11/2017
Avocet, <i>Recurvirostra avosetta</i> - A132-A, b	Favourable	02/11/2017
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	Favourable	02/11/2017
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	Unfavourable - Recovering	22/11/2012
Estuaries	Unfavourable - Declining	02/11/2017
Littoral sediment	Unfavourable - No change	02/11/2017
Shelduck, <i>Tadorna tadorna</i> - A048, b	Unfavourable - Declining	02/11/2017

ID: -
Location: 1383m NE
SSSI name: Poole Harbour
Unit name: Holes Bay North Mudflat
Broad habitat: Littoral Sediment
Condition: Unfavourable - Declining
Reportable features:

Feature name	Feature condition	Date of assessment
>20,000 Non-breeding waterbirds	Favourable	02/11/2017
Aggregations of non-breeding birds - Avocet, <i>Recurvirostra avosetta</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Black-tailed godwit, <i>Limosa limosa islandica</i>	Favourable	02/11/2017



Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Brent goose (dark-bellied), <i>Branta bernicla bernicla</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Curlew, <i>Numenius arquata</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Dunlin, <i>Calidris alpina alpina</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Grey plover, <i>Pluvialis squatarola</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Redshank, <i>Tringa totanus</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Shelduck, <i>Tadorna tadorna</i>	Unfavourable - Declining	02/11/2017
Aggregations of non-breeding birds - Teal, <i>Anas crecca</i>	Favourable	02/11/2017
Avocet, <i>Recurvirostra avosetta</i> - A132-A, b	Favourable	02/11/2017
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	Favourable	02/11/2017
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	Unfavourable - Recovering	22/11/2012
Estuaries	Unfavourable - Declining	02/11/2017
Littoral sediment	Unfavourable - No change	02/11/2017
Shelduck, <i>Tadorna tadorna</i> - A048, b	Unfavourable - Declining	02/11/2017

ID: 27
 Location: 1397m NW
 SSSI name: Poole Harbour
 Unit name: Heath Road
 Broad habitat: Dwarf Shrub Heath - Lowland
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
H4010 Northern Atlantic wet heaths with <i>Erica tetralix</i>	Favourable	13/11/2009
H4030 European dry heaths	Unfavourable - Recovering	13/11/2009

ID: -
 Location: 1420m S
 SSSI name: Poole Harbour
 Unit name: Lake
 Broad habitat: Littoral Sediment
 Condition: Favourable
 Reportable features:



Feature name	Feature condition	Date of assessment
>20,000 Non-breeding waterbirds	Favourable	22/11/2012
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	Favourable	22/11/2012
Estuaries	Favourable	22/11/2012
Littoral sediment	Favourable	22/11/2012
SM4-28 - Saltmarsh	Favourable	22/11/2012

ID: -
 Location: 1434m E
 SSSI name: Poole Harbour
 Unit name: Holes Bay, Upton Lake Mud And Saltmarsh
 Broad habitat: Littoral Sediment
 Condition: Unfavourable - Declining
 Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Avocet, <i>Recurvirostra avosetta</i>	Favourable	25/05/2018
Aggregations of non-breeding birds - Black-tailed godwit, <i>Limosa limosa islandica</i>	Favourable	25/05/2018
Aggregations of non-breeding birds - Brent goose (dark-bellied), <i>Branta bernicla bernicla</i>	Favourable	25/05/2018
Aggregations of non-breeding birds - Curlew, <i>Numenius arquata</i>	Favourable	25/05/2018
Aggregations of non-breeding birds - Dunlin, <i>Calidris alpina alpina</i>	Favourable	25/05/2018
Aggregations of non-breeding birds - Grey plover, <i>Pluvialis squatarola</i>	Favourable	25/05/2018
Aggregations of non-breeding birds - Little egret, <i>Egretta garzetta</i>	Favourable	25/05/2018
Aggregations of non-breeding birds - Redshank, <i>Tringa totanus</i>	Favourable	25/05/2018
Aggregations of non-breeding birds - Shelduck, <i>Tadorna tadorna</i>	Unfavourable - Declining	25/05/2018
Aggregations of non-breeding birds - Teal, <i>Anas crecca</i>	Favourable	25/05/2018
Avocet, <i>Recurvirostra avosetta</i> - A132-A, b	Favourable	25/05/2018
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	Favourable	25/05/2018
Estuaries	Unfavourable - Declining	25/05/2018
Littoral sediment	Unfavourable - No change	25/05/2018
<i>Phragmites australis</i> swamp and reed-beds (S4)	Favourable	25/05/2018



Feature name	Feature condition	Date of assessment
SM4-28 - Saltmarsh	Unfavourable - Declining	25/05/2018
Shelduck, Tadorna tadorna - A048, b	Unfavourable - Declining	25/05/2018

ID: 30
 Location: 1453m NW
 SSSI name: Poole Harbour
 Unit name: Lytchett Fields
 Broad habitat: Littoral Sediment
 Condition: Favourable
 Reportable features:

Feature name	Feature condition	Date of assessment
>20,000 Non-breeding waterbirds	Favourable	30/05/2018
Aggregations of non-breeding birds - Black-tailed godwit, Limosa limosa islandica	Favourable	30/05/2018
Aggregations of non-breeding birds - Curlew, Numenius arquata	Favourable	30/05/2018
Aggregations of non-breeding birds - Dunlin, Calidris alpina alpina	Favourable	30/05/2018
Aggregations of non-breeding birds - Greenshank, Tringa nebularia	Favourable	30/05/2018
Aggregations of non-breeding birds - Little egret, Egretta garzetta	Favourable	30/05/2018
Aggregations of non-breeding birds - Shelduck, Tadorna tadorna	Favourable	30/05/2018
Aggregations of non-breeding birds - Spoonbill, Platalea leucorodia	Favourable	30/05/2018
Aggregations of non-breeding birds - Teal, Anas crecca	Favourable	30/05/2018
Black-tailed godwit, Limosa limosa islandica - A616, nb	Favourable	30/05/2018
Juncus effusus/acutiflorus - Galium palustre rush pasture (M23)	Favourable	30/05/2018
Lowland wet neutral grassland (MG11, MG13)	Favourable	30/05/2018
Phragmites australis swamp and reed-beds (S4)	Favourable	30/05/2018
SM4-28 - Saltmarsh	Favourable	30/05/2018
Shelduck, Tadorna tadorna - A048, b	Favourable	30/05/2018



ID: 31
 Location: 1474m NE
 SSSI name: Poole Harbour
 Unit name: Holes Bay North Mudflat
 Broad habitat: Littoral Sediment
 Condition: Unfavourable - Declining
 Reportable features:

Feature name	Feature condition	Date of assessment
>20,000 Non-breeding waterbirds	Favourable	02/11/2017
Aggregations of non-breeding birds - Avocet, <i>Recurvirostra avosetta</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Black-tailed godwit, <i>Limosa limosa islandica</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Brent goose (dark-bellied), <i>Branta bernicla bernicla</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Curlew, <i>Numenius arquata</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Dunlin, <i>Calidris alpina alpina</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Grey plover, <i>Pluvialis squatarola</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Redshank, <i>Tringa totanus</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Shelduck, <i>Tadorna tadorna</i>	Unfavourable - Declining	02/11/2017
Aggregations of non-breeding birds - Teal, <i>Anas crecca</i>	Favourable	02/11/2017
Avocet, <i>Recurvirostra avosetta</i> - A132-A, b	Favourable	02/11/2017
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	Favourable	02/11/2017
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	Unfavourable - Recovering	22/11/2012
Estuaries	Unfavourable - Declining	02/11/2017
Littoral sediment	Unfavourable - No change	02/11/2017
Shelduck, <i>Tadorna tadorna</i> - A048, b	Unfavourable - Declining	02/11/2017

ID: 32
 Location: 1525m NW
 SSSI name: Poole Harbour
 Unit name: Lytchett Fields
 Broad habitat: Littoral Sediment
 Condition: Favourable
 Reportable features:



Feature name	Feature condition	Date of assessment
>20,000 Non-breeding waterbirds	Favourable	30/05/2018
Aggregations of non-breeding birds - Black-tailed godwit, Limosa limosa islandica	Favourable	30/05/2018
Aggregations of non-breeding birds - Curlew, Numenius arquata	Favourable	30/05/2018
Aggregations of non-breeding birds - Dunlin, Calidris alpina alpina	Favourable	30/05/2018
Aggregations of non-breeding birds - Greenshank, Tringa nebularia	Favourable	30/05/2018
Aggregations of non-breeding birds - Little egret, Egretta garzetta	Favourable	30/05/2018
Aggregations of non-breeding birds - Shelduck, Tadorna tadorna	Favourable	30/05/2018
Aggregations of non-breeding birds - Spoonbill, Platalea leucorodia	Favourable	30/05/2018
Aggregations of non-breeding birds - Teal, Anas crecca	Favourable	30/05/2018
Black-tailed godwit, Limosa limosa islandica - A616, nb	Favourable	30/05/2018
Juncus effusus/acutiflorus - Galium palustre rush pasture (M23)	Favourable	30/05/2018
Lowland wet neutral grassland (MG11, MG13)	Favourable	30/05/2018
Phragmites australis swamp and reed-beds (S4)	Favourable	30/05/2018
SM4-28 - Saltmarsh	Favourable	30/05/2018
Shelduck, Tadorna tadorna - A048, b	Favourable	30/05/2018

ID: -
 Location: 1561m NE
 SSSI name: Poole Harbour
 Unit name: Holes Bay North
 Broad habitat: Littoral Sediment
 Condition: Unfavourable - Declining
 Reportable features:

Feature name	Feature condition	Date of assessment
>20,000 Non-breeding waterbirds	Favourable	27/07/2017
Black-tailed godwit, Limosa limosa islandica - A616, nb	Favourable	27/07/2017
Estuaries	Unfavourable - Declining	27/07/2017
SM4-28 - Saltmarsh	Unfavourable - Declining	27/07/2017



ID: -
 Location: 1592m E
 SSSI name: Poole Harbour
 Unit name: Holes Bay Central
 Broad habitat: Littoral Sediment
 Condition: Unfavourable - Declining
 Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of breeding birds - Redshank, <i>Tringa totanus</i>	-	-
Aggregations of breeding birds - Sandwich tern, <i>Sterna sandvicensis</i>	-	-
Aggregations of non-breeding birds - Avocet, <i>Recurvirostra avosetta</i>	Favourable	17/07/2017
Aggregations of non-breeding birds - Black-tailed godwit, <i>Limosa limosa islandica</i>	Favourable	17/07/2017
Aggregations of non-breeding birds - Brent goose (dark-bellied), <i>Branta bernicla bernicla</i>	Favourable	17/07/2017
Aggregations of non-breeding birds - Curlew, <i>Numenius arquata</i>	Favourable	17/07/2017
Aggregations of non-breeding birds - Dunlin, <i>Calidris alpina alpina</i>	Favourable	17/07/2017
Aggregations of non-breeding birds - Grey plover, <i>Pluvialis squatarola</i>	Favourable	17/07/2017
Aggregations of non-breeding birds - Redshank, <i>Tringa totanus</i>	Favourable	17/07/2017
Aggregations of non-breeding birds - Shelduck, <i>Tadorna tadorna</i>	Unfavourable - Declining	17/07/2017
Aggregations of non-breeding birds - Teal, <i>Anas crecca</i>	Favourable	17/07/2017
Avocet, <i>Recurvirostra avosetta</i> - A132-A, b	Favourable	17/07/2017
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	Favourable	17/07/2017
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	Unfavourable - Recovering	19/10/2012
Estuaries	Unfavourable - Declining	17/07/2017
Littoral sediment	Unfavourable - No change	17/07/2017
SM4-28 - Saltmarsh	Unfavourable - Declining	17/07/2017
Shelduck, <i>Tadorna tadorna</i> - A048, b	Unfavourable - Declining	17/07/2017

ID: -
 Location: 1593m NE
 SSSI name: Poole Harbour
 Unit name: Holes Bay North Mudflat
 Broad habitat: Littoral Sediment



Condition: Unfavourable - Declining

Reportable features:

Feature name	Feature condition	Date of assessment
>20,000 Non-breeding waterbirds	Favourable	02/11/2017
Aggregations of non-breeding birds - Avocet, <i>Recurvirostra avosetta</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Black-tailed godwit, <i>Limosa limosa islandica</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Brent goose (dark-bellied), <i>Branta bernicla bernicla</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Curlew, <i>Numenius arquata</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Dunlin, <i>Calidris alpina alpina</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Grey plover, <i>Pluvialis squatarola</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Redshank, <i>Tringa totanus</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Shelduck, <i>Tadorna tadorna</i>	Unfavourable - Declining	02/11/2017
Aggregations of non-breeding birds - Teal, <i>Anas crecca</i>	Favourable	02/11/2017
Avocet, <i>Recurvirostra avosetta</i> - A132-A, b	Favourable	02/11/2017
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	Favourable	02/11/2017
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	Unfavourable - Recovering	22/11/2012
Estuaries	Unfavourable - Declining	02/11/2017
Littoral sediment	Unfavourable - No change	02/11/2017
Shelduck, <i>Tadorna tadorna</i> - A048, b	Unfavourable - Declining	02/11/2017

ID: -
 Location: 1594m NE
 SSSI name: Poole Harbour
 Unit name: Holes Bay North Mudflat
 Broad habitat: Littoral Sediment
 Condition: Unfavourable - Declining
 Reportable features:

Feature name	Feature condition	Date of assessment
>20,000 Non-breeding waterbirds	Favourable	02/11/2017
Aggregations of non-breeding birds - Avocet, <i>Recurvirostra avosetta</i>	Favourable	02/11/2017



Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Black-tailed godwit, Limosa limosa islandica	Favourable	02/11/2017
Aggregations of non-breeding birds - Brent goose (dark-bellied), Branta bernicla bernicla	Favourable	02/11/2017
Aggregations of non-breeding birds - Curlew, Numenius arquata	Favourable	02/11/2017
Aggregations of non-breeding birds - Dunlin, Calidris alpina alpina	Favourable	02/11/2017
Aggregations of non-breeding birds - Grey plover, Pluvialis squatarola	Favourable	02/11/2017
Aggregations of non-breeding birds - Redshank, Tringa totanus	Favourable	02/11/2017
Aggregations of non-breeding birds - Shelduck, Tadorna tadorna	Unfavourable - Declining	02/11/2017
Aggregations of non-breeding birds - Teal, Anas crecca	Favourable	02/11/2017
Avocet, Recurvirostra avosetta - A132-A, b	Favourable	02/11/2017
Black-tailed godwit, Limosa limosa islandica - A616, nb	Favourable	02/11/2017
Black-tailed godwit, Limosa limosa islandica - A616, nb	Unfavourable - Recovering	22/11/2012
Estuaries	Unfavourable - Declining	02/11/2017
Littoral sediment	Unfavourable - No change	02/11/2017
Shelduck, Tadorna tadorna - A048, b	Unfavourable - Declining	02/11/2017

ID: -
Location: 1622m NE
SSSI name: Poole Harbour
Unit name: Holes Bay North Mudflat
Broad habitat: Littoral Sediment
Condition: Unfavourable - Declining
Reportable features:

Feature name	Feature condition	Date of assessment
>20,000 Non-breeding waterbirds	Favourable	02/11/2017
Aggregations of non-breeding birds - Avocet, Recurvirostra avosetta	Favourable	02/11/2017
Aggregations of non-breeding birds - Black-tailed godwit, Limosa limosa islandica	Favourable	02/11/2017
Aggregations of non-breeding birds - Brent goose (dark-bellied), Branta bernicla bernicla	Favourable	02/11/2017
Aggregations of non-breeding birds - Curlew, Numenius arquata	Favourable	02/11/2017



Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Dunlin, <i>Calidris alpina alpina</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Grey plover, <i>Pluvialis squatarola</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Redshank, <i>Tringa totanus</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Shelduck, <i>Tadorna tadorna</i>	Unfavourable - Declining	02/11/2017
Aggregations of non-breeding birds - Teal, <i>Anas crecca</i>	Favourable	02/11/2017
Avocet, <i>Recurvirostra avosetta</i> - A132-A, b	Favourable	02/11/2017
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	Favourable	02/11/2017
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	Unfavourable - Recovering	22/11/2012
Estuaries	Unfavourable - Declining	02/11/2017
Littoral sediment	Unfavourable - No change	02/11/2017
Shelduck, <i>Tadorna tadorna</i> - A048, b	Unfavourable - Declining	02/11/2017

ID: -
Location: 1728m NE
SSSI name: Poole Harbour
Unit name: Holes Bay North Mudflat
Broad habitat: Littoral Sediment
Condition: Unfavourable - Declining
Reportable features:

Feature name	Feature condition	Date of assessment
>20,000 Non-breeding waterbirds	Favourable	02/11/2017
Aggregations of non-breeding birds - Avocet, <i>Recurvirostra avosetta</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Black-tailed godwit, <i>Limosa limosa islandica</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Brent goose (dark-bellied), <i>Branta bernicla bernicla</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Curlew, <i>Numenius arquata</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Dunlin, <i>Calidris alpina alpina</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Grey plover, <i>Pluvialis squatarola</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Redshank, <i>Tringa totanus</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Shelduck, <i>Tadorna tadorna</i>	Unfavourable - Declining	02/11/2017



Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Teal, <i>Anas crecca</i>	Favourable	02/11/2017
Avocet, <i>Recurvirostra avosetta</i> - A132-A, b	Favourable	02/11/2017
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	Favourable	02/11/2017
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	Unfavourable - Recovering	22/11/2012
Estuaries	Unfavourable - Declining	02/11/2017
Littoral sediment	Unfavourable - No change	02/11/2017
Shelduck, <i>Tadorna tadorna</i> - A048, b	Unfavourable - Declining	02/11/2017

ID: -
 Location: 1737m W
 SSSI name: Poole Harbour
 Unit name: Rock Lea Wood
 Broad habitat: Dwarf Shrub Heath - Lowland
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
Lowland fens, including basin, flood-plain, open water transition and valley fens	Unfavourable - Recovering	08/02/2013
Lowland wet heath	Unfavourable - Recovering	08/02/2013
Wet woodland	Unfavourable - Recovering	08/02/2013

ID: -
 Location: 1739m S
 SSSI name: Poole Harbour
 Unit name: Gigger's Island Mudflat And Arne Reedbeds
 Broad habitat: Fen, Marsh And Swamp - Lowland
 Condition: Favourable
 Reportable features:

Feature name	Feature condition	Date of assessment
>20,000 Non-breeding waterbirds	Favourable	22/11/2012
Aggregations of breeding birds - Redshank, <i>Tringa totanus</i>	-	-
Aggregations of non-breeding birds - Avocet, <i>Recurvirostra avosetta</i>	-	-

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Black-tailed godwit, Limosa limosa islandica	-	-
Aggregations of non-breeding birds - Brent goose (dark-bellied), Branta bernicla bernicla	-	-
Aggregations of non-breeding birds - Curlew, Numenius arquata	-	-
Aggregations of non-breeding birds - Dunlin, Calidris alpina alpina	-	-
Aggregations of non-breeding birds - Grey plover, Pluvialis squatarola	-	-
Aggregations of non-breeding birds - Redshank, Tringa totanus	-	-
Aggregations of non-breeding birds - Shelduck, Tadorna tadorna	-	-
Aggregations of non-breeding birds - Teal, Anas crecca	-	-
Avocet, Recurvirostra avosetta - A132-A, b	-	-
Black-tailed godwit, Limosa limosa islandica - A616, nb	-	-
Black-tailed godwit, Limosa limosa islandica - A616, nb	Favourable	22/11/2012
Estuaries	Favourable	22/11/2012
Littoral sediment	Favourable	22/11/2012
Phragmites australis swamp and reed-beds (S4)	-	-
SM4-28 - Saltmarsh	Favourable	22/11/2012
Shelduck, Tadorna tadorna - A048, b	-	-

ID: -
 Location: 1756m NE
 SSSI name: Poole Harbour
 Unit name: Pergins Island
 Broad habitat: Broadleaved, Mixed And Yew Woodland - Lowland
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
Lowland mixed deciduous woodland	Unfavourable - Recovering	09/09/2010



ID: -
 Location: 1809m S
 SSSI name: Poole Harbour
 Unit name: Patchin Point And Arne Bay
 Broad habitat: Fen, Marsh And Swamp - Lowland
 Condition: Unfavourable - Declining
 Reportable features:

Feature name	Feature condition	Date of assessment
>20,000 Non-breeding waterbirds	Favourable	25/04/2019
Aggregations of breeding birds - Redshank, <i>Tringa totanus</i>	Favourable	25/04/2019
Aggregations of non-breeding birds - Avocet, <i>Recurvirostra avosetta</i>	Favourable	25/04/2019
Aggregations of non-breeding birds - Black-tailed godwit, <i>Limosa limosa islandica</i>	Favourable	25/04/2019
Aggregations of non-breeding birds - Brent goose (dark-bellied), <i>Branta bernicla bernicla</i>	Favourable	25/04/2019
Aggregations of non-breeding birds - Curlew, <i>Numenius arquata</i>	Favourable	25/04/2019
Aggregations of non-breeding birds - Dunlin, <i>Calidris alpina alpina</i>	Favourable	25/04/2019
Aggregations of non-breeding birds - Grey plover, <i>Pluvialis squatarola</i>	Favourable	25/04/2019
Aggregations of non-breeding birds - Redshank, <i>Tringa totanus</i>	Favourable	25/04/2019
Aggregations of non-breeding birds - Shelduck, <i>Tadorna tadorna</i>	Unfavourable - Declining	25/04/2019
Aggregations of non-breeding birds - Teal, <i>Anas crecca</i>	Favourable	25/04/2019
Avocet, <i>Recurvirostra avosetta</i> - A132-A, b	Favourable	25/04/2019
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	Favourable	25/04/2019
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	Unfavourable - Recovering	22/11/2012
Estuaries	Unfavourable - No change	25/04/2019
Littoral sediment	Unfavourable - No change	25/04/2019
SM4-28 - Saltmarsh	Unfavourable - Recovering	25/04/2019
Sand dune; strandline, embryo and mobile dunes (SD1-6)	Favourable	25/04/2019
Shelduck, <i>Tadorna tadorna</i> - A048, b	Unfavourable - Declining	25/04/2019



ID: -
 Location: 1825m S
 SSSI name: Arne
 Unit name: Gold Point Heath
 Broad habitat: Dwarf Shrub Heath - Lowland
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
H4010 Northern Atlantic wet heaths with Erica tetralix	Favourable	31/03/2017
H4030 European dry heaths	Unfavourable - Recovering	31/03/2017
Hen harrier, Circus cyaneus - A082, nb	-	-
Invert. assemblage F1 unshaded early successional mosaic	-	-
Invert. assemblage F2 grassland & scrub matrix	-	-
Invert. assemblage W312 sphagnum bog	-	-
Lowland dry heath	Unfavourable - Recovering	31/03/2017
Lowland wet heath	Favourable	31/03/2017
Merlin, Falco columbarius - A098, nb	-	-

ID: -
 Location: 1838m S
 SSSI name: Arne
 Unit name: Froxen Copse
 Broad habitat: Broadleaved, Mixed And Yew Woodland - Lowland
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
Hen harrier, Circus cyaneus - A082, nb	-	-
Merlin, Falco columbarius - A098, nb	-	-
Nightjar, Caprimulgus europaeus - A224, b	Favourable	15/05/2009

ID: -
 Location: 1841m E
 SSSI name: Poole Harbour
 Unit name: Holes Bay North Mudflat
 Broad habitat: Littoral Sediment
 Condition: Unfavourable - Declining
 Reportable features:

Feature name	Feature condition	Date of assessment
>20,000 Non-breeding waterbirds	Favourable	02/11/2017
Aggregations of non-breeding birds - Avocet, <i>Recurvirostra avosetta</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Black-tailed godwit, <i>Limosa limosa islandica</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Brent goose (dark-bellied), <i>Branta bernicla bernicla</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Curlew, <i>Numenius arquata</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Dunlin, <i>Calidris alpina alpina</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Grey plover, <i>Pluvialis squatarola</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Redshank, <i>Tringa totanus</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Shelduck, <i>Tadorna tadorna</i>	Unfavourable - Declining	02/11/2017
Aggregations of non-breeding birds - Teal, <i>Anas crecca</i>	Favourable	02/11/2017
Avocet, <i>Recurvirostra avosetta</i> - A132-A, b	Favourable	02/11/2017
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	Favourable	02/11/2017
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	Unfavourable - Recovering	22/11/2012
Estuaries	Unfavourable - Declining	02/11/2017
Littoral sediment	Unfavourable - No change	02/11/2017
Shelduck, <i>Tadorna tadorna</i> - A048, b	Unfavourable - Declining	02/11/2017

ID: -
 Location: 1854m NE
 SSSI name: Poole Harbour
 Unit name: Holes Bay North Mudflat
 Broad habitat: Littoral Sediment
 Condition: Unfavourable - Declining
 Reportable features:



Feature name	Feature condition	Date of assessment
>20,000 Non-breeding waterbirds	Favourable	02/11/2017
Aggregations of non-breeding birds - Avocet, <i>Recurvirostra avosetta</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Black-tailed godwit, <i>Limosa limosa islandica</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Brent goose (dark-bellied), <i>Branta bernicla bernicla</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Curlew, <i>Numenius arquata</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Dunlin, <i>Calidris alpina alpina</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Grey plover, <i>Pluvialis squatarola</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Redshank, <i>Tringa totanus</i>	Favourable	02/11/2017
Aggregations of non-breeding birds - Shelduck, <i>Tadorna tadorna</i>	Unfavourable - Declining	02/11/2017
Aggregations of non-breeding birds - Teal, <i>Anas crecca</i>	Favourable	02/11/2017
Avocet, <i>Recurvirostra avosetta</i> - A132-A, b	Favourable	02/11/2017
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	Favourable	02/11/2017
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	Unfavourable - Recovering	22/11/2012
Estuaries	Unfavourable - Declining	02/11/2017
Littoral sediment	Unfavourable - No change	02/11/2017
Shelduck, <i>Tadorna tadorna</i> - A048, b	Unfavourable - Declining	02/11/2017

ID: -
Location: 1864m W
SSSI name: Holton and Sandford Heaths
Unit name: East Holton
Broad habitat: Dwarf Shrub Heath - Lowland
Condition: Unfavourable - Recovering
Reportable features:

Feature name	Feature condition	Date of assessment
Dartford warbler, <i>Sylvia undata</i> - A302, b	Unfavourable - Recovering	12/10/2012
H4010 Northern Atlantic wet heaths with <i>Erica tetralix</i>	Unfavourable - Recovering	12/10/2012
H4030 European dry heaths	Unfavourable - Recovering	12/10/2012
Invert. assemblage F003 scrub-heath & moorland	Unfavourable - Recovering	12/10/2012



Feature name	Feature condition	Date of assessment
Nightjar, <i>Caprimulgus europaeus</i> - A224, b	Unfavourable - Recovering	12/10/2012
Sand lizard, <i>Lacerta agilis</i>	Unfavourable - Recovering	12/10/2012
Smooth snake, <i>Coronella austriaca</i>	Unfavourable - Recovering	12/10/2012
Woodlark, <i>Lullula arborea</i> - A246, b	Unfavourable - Recovering	12/10/2012

ID: -
 Location: 1899m N
 SSSI name: Upton Heath
 Unit name: Pine Clump
 Broad habitat: Dwarf Shrub Heath - Lowland
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
H4030 European dry heaths	Unfavourable - Recovering	18/12/2014

ID: -
 Location: 1960m W
 SSSI name: Poole Harbour
 Unit name: Horseshoe Pond/mire
 Broad habitat: Fen, Marsh And Swamp - Lowland
 Condition: Favourable
 Reportable features:

Feature name	Feature condition	Date of assessment
H4010 Northern Atlantic wet heaths with <i>Erica tetralix</i>	Not Recorded	01/01/1900
H4030 European dry heaths	Not Recorded	01/01/1900
H7150 Depressions on peat substrates of the Rhynchosporion	Not Recorded	01/01/1900

ID: -
 Location: 1962m N
 SSSI name: Upton Heath
 Unit name: Llewellyn's Land
 Broad habitat: Dwarf Shrub Heath - Lowland
 Condition: Unfavourable - Recovering
 Reportable features:



Feature name	Feature condition	Date of assessment
H4010 Northern Atlantic wet heaths with Erica tetralix	Unfavourable - Recovering	24/03/2010
H4030 European dry heaths	Unfavourable - Recovering	24/03/2010
H7150 Depressions on peat substrates of the Rhynchosporion	Unfavourable - Recovering	24/03/2010

ID: -
 Location: 1980m S
 SSSI name: Arne
 Unit name: Froxen Copse
 Broad habitat: Broadleaved, Mixed And Yew Woodland - Lowland
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
Hen harrier, Circus cyaneus - A082, nb	-	-
Merlin, Falco columbarius - A098, nb	-	-
Nightjar, Caprimulgus europaeus - A224, b	Favourable	15/05/2009

ID: -
 Location: 1990m E
 SSSI name: Poole Harbour
 Unit name: Holes Bay North
 Broad habitat: Littoral Sediment
 Condition: Unfavourable - Declining
 Reportable features:

Feature name	Feature condition	Date of assessment
>20,000 Non-breeding waterbirds	Favourable	27/07/2017
Black-tailed godwit, Limosa limosa islandica - A616, nb	Favourable	27/07/2017
Estuaries	Unfavourable - Declining	27/07/2017
SM4-28 - Saltmarsh	Unfavourable - Declining	27/07/2017

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



11 Visual and cultural designations

11.1 World Heritage Sites

Records within 250m

0

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

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

11.2 Area of Outstanding Natural Beauty

Records within 250m

0

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

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

11.3 National Parks

Records within 250m

0

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

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

11.4 Listed Buildings

Records within 250m

0

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



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

11.5 Conservation Areas

Records within 250m

0

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

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

11.6 Scheduled Ancient Monuments

Records within 250m

0

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

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

11.7 Registered Parks and Gardens

Records within 250m

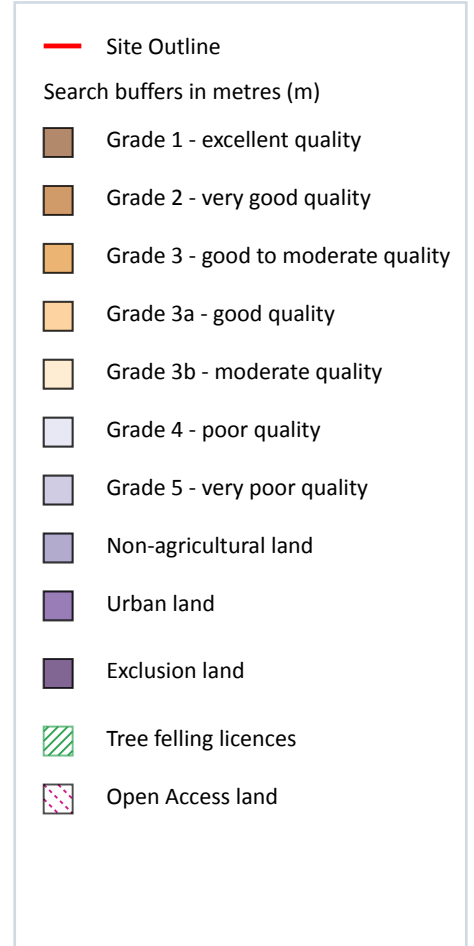
0

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

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



12 Agricultural designations



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12.1 Agricultural Land Classification

Records within 250m

2

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 114**

ID	Location	Classification	Description
1	On site	Grade 5	Very poor quality agricultural land. Land with very severe limitations which restrict use to permanent pasture or rough grazing, except for occasional pioneer forage crops.
2	On site	Urban	-

This data is sourced from Natural England.

12.2 Open Access Land

Records within 250m

1

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.

Features are displayed on the Agricultural designations map on **page 114**

ID	Location	Name	Classification	Other relevant legislation
3	110m S	-	Section 4 Conclusive Open Country	-

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

12.3 Tree Felling Licences

Records within 250m

5

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 114**

ID	Location	Description	Reference	Application date
4	125m S	Selective Fell/Thin (Unconditional)	018/100/05-06	08/09/2005
5	145m SE	Selective Fell/Thin (Unconditional)	018/100/05-06	08/09/2005
6	218m S	Selective Fell/Thin (Unconditional)	018/100/05-06	08/09/2005
7	233m N	Clear Fell (Conditional)	018/496/11-12	10/07/2012
8	239m S	Selective Fell/Thin (Unconditional)	018/100/05-06	08/09/2005

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m

0

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

This data is sourced from Natural England.



12.5 Countryside Stewardship Schemes

Records within 250m

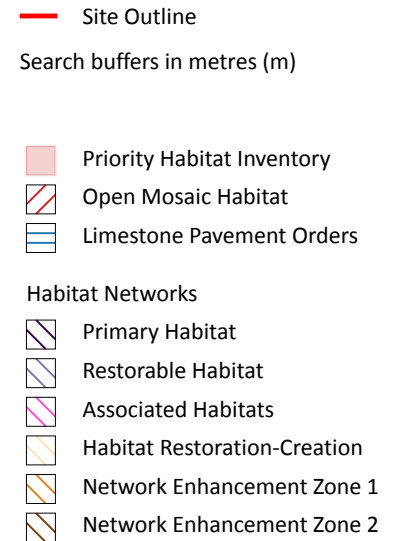
0

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

This data is sourced from Natural England.



13 Habitat designations



13.1 Priority Habitat Inventory

Records within 250m

19

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 117**

ID	Location	Main Habitat	Other habitats
2	82m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
4	93m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
5	109m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%); LHEAT (ENSIS L1); UHEAT (ENSIS L1)
6	112m S	Lowland heathland	Main habitat: DWOOD (INV > 50%); LHEAT (ENSIS L1); UHEAT (ENSIS L1)

ID	Location	Main Habitat	Other habitats
7	133m SE	Lowland heathland	Main habitat: LHEAT (INV > 50%, ENSIS L1); UHEAT (ENSIS L1)
8	133m S	Lowland heathland	Main habitat: LHEAT (ENSIS L1); UHEAT (ENSIS L1)
A	144m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%); LHEAT (ENSIS L1); UHEAT (ENSIS L1)
10	146m S	Lowland heathland	Main habitat: LHEAT (INV > 50%, ENSIS L1); UHEAT (ENSIS L1)
11	150m SE	Lowland heathland	Main habitat: LHEAT (ENSIS L1); UHEAT (ENSIS L1)
A	150m SE	Lowland heathland	Main habitat: DWOOD (INV > 50%); LHEAT (ENSIS L1); UHEAT (ENSIS L1)
12	150m SE	Lowland heathland	Main habitat: LHEAT (INV > 50%, ENSIS L1); UHEAT (ENSIS L1)
13	176m SW	Lowland heathland	Main habitat: LHEAT (ENSIS L1); UHEAT (ENSIS L1)
14	178m S	Lowland heathland	Main habitat: LHEAT (INV > 50%, ENSIS L1); UHEAT (ENSIS L1)
16	207m SW	Lowland heathland	Main habitat: LHEAT (ENSIS L1); UHEAT (ENSIS L1)
17	209m S	Lowland heathland	Main habitat: LHEAT (INV > 50%, ENSIS L1); UHEAT (ENSIS L1)
B	216m SE	Lowland heathland	Main habitat: LHEAT (INV > 50%, ENSIS L1); UHEAT (ENSIS L1)
B	233m SE	Lowland heathland	Main habitat: LHEAT (ENSIS L1); UHEAT (ENSIS L1)
20	243m S	Lowland heathland	Main habitat: LHEAT (ENSIS L1); UHEAT (ENSIS L1)
C	250m NW	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m

8

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 117**

ID	Location	Type	Habitat
1	On site	Network Enhancement Zone 2	Not specified
3	93m S	Primary Habitat	Lowland heathland
9	137m SW	Network Enhancement Zone 1	Not specified
15	194m SE	Network Enhancement Zone 1	Not specified
18	219m NW	Network Enhancement Zone 1	Not specified



ID	Location	Type	Habitat
C	224m NW	Restorable Habitat	Not specified
19	229m E	Network Enhancement Zone 1	Not specified
21	249m N	Network Enhancement Zone 1	Not specified

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m

0

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

0

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

This data is sourced from Natural England.



14 Geology 1:10,000 scale - Availability



— Site Outline
Search buffers in metres (m)

- Full coverage
- Partial coverage
- No coverage

14.1 10k Availability

Records within 500m

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 120**

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

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

0

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.

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Superficial

14.3 Superficial geology (10k)

Records within 500m

0

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.

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

14.5 Bedrock geology (10k)

Records within 500m

0

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.

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.

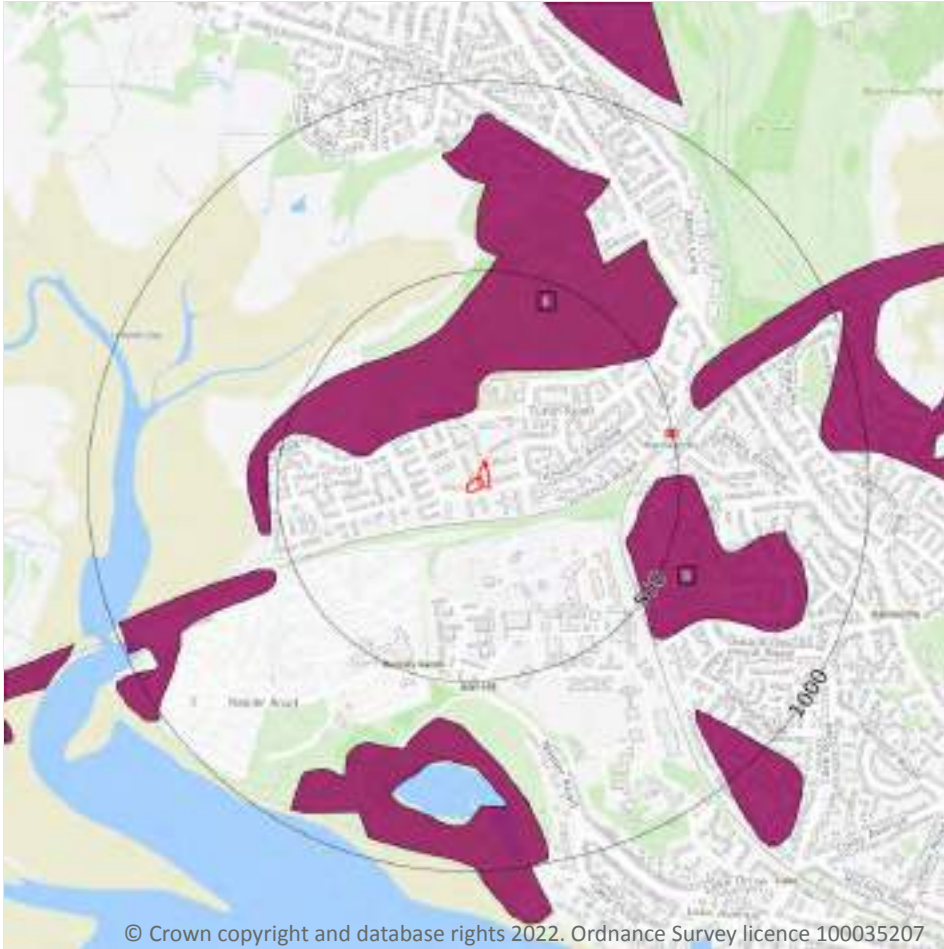
Features are displayed on the Geology 1:50,000 scale - Availability map on **page 124**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	EW329_bournemouth_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

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15.2 Artificial and made ground (50k)

Records within 500m

2

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 125**

ID	Location	LEX Code	Description	Rock description
1	135m N	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
2	385m E	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

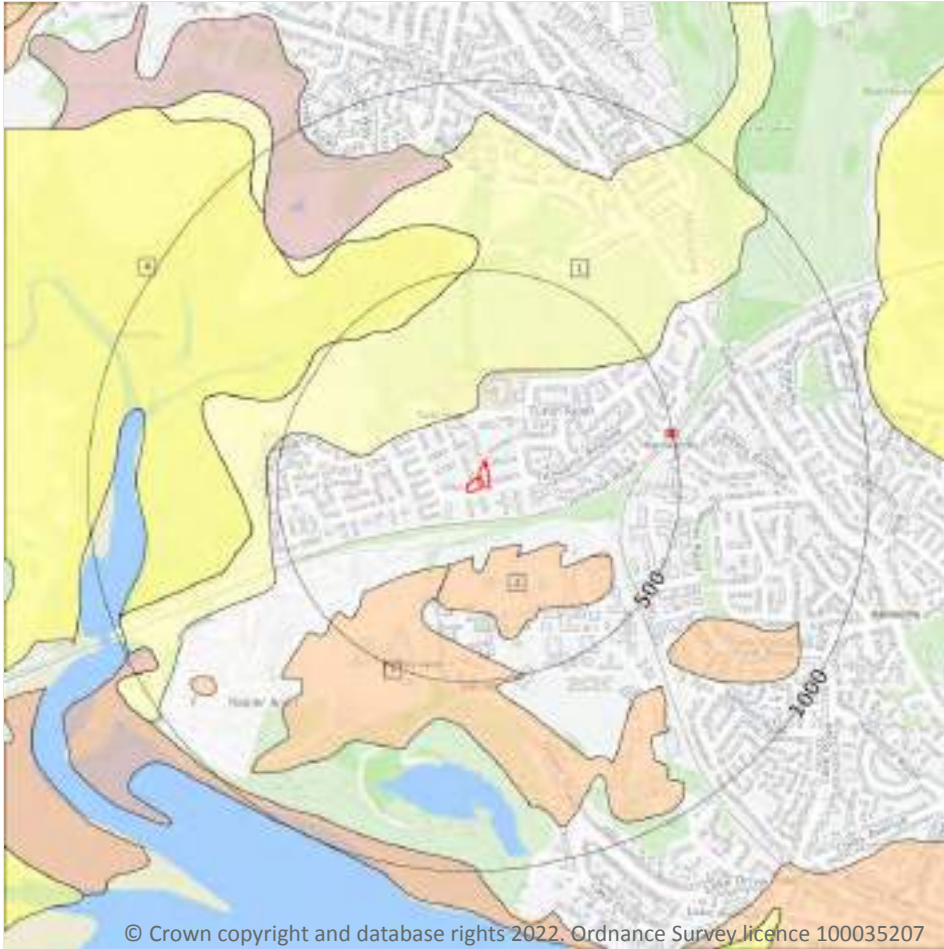
0

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

4

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

Features are displayed on the Geology 1:50,000 scale - Superficial map on **page 127**

ID	Location	LEX Code	Description	Rock description
1	135m N	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
2	160m S	RTD5-XSV	RIVER TERRACE DEPOSITS, 5	SAND AND GRAVEL
3	199m S	RTD4-XSV	RIVER TERRACE DEPOSITS, 4	SAND AND GRAVEL
4	418m NW	TFD-XVSZC	TIDAL FLAT DEPOSITS	GRAVEL, SAND, SILT AND CLAY

This data is sourced from the British Geological Survey.

15.5 Superficial 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 superficial deposits (the zone between the land surface and the water table).

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 129**

ID	Location	LEX Code	Description	Rock age
1	On site	OAKC-C	OAKDALE CLAY MEMBER - CLAY	CHATTIAN
2	101m S	OAKC-S	OAKDALE CLAY MEMBER - SAND	CHATTIAN
3	209m N	POOL-XSZC	POOLE FORMATION - SAND, SILT AND CLAY	YPRESIAN
4	438m N	CKMC-C	CREEKMOOR CLAY MEMBER - CLAY	YPRESIAN

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



— Site Outline
Search buffers in metres (m)

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

16.1 BGS Boreholes

Records within 250m

21

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 131**

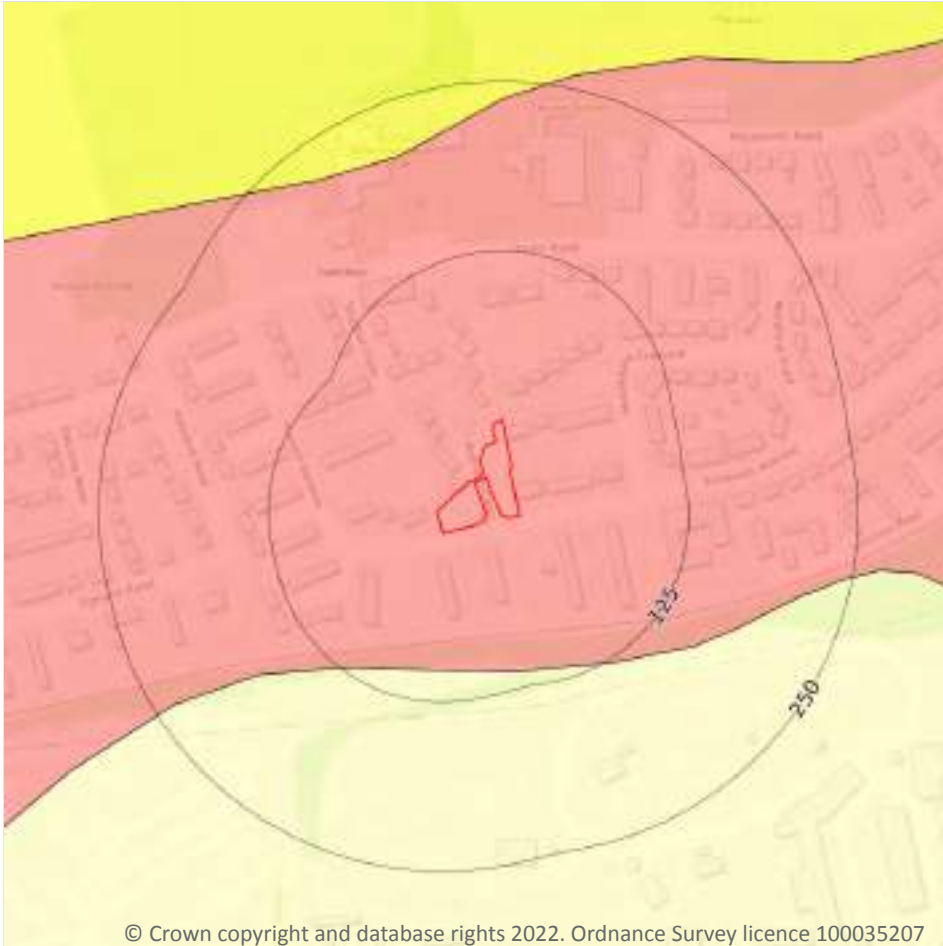
ID	Location	Grid reference	Name	Length	Confidential	Web link
1	108m E	398360 91570	FITZWORTH AVENUE 2	6.09	N	450833
2	124m NW	398150 91740	TURLINMOOR ESTATE CDE/406/12 9	6.09	N	450805
A	131m E	398380 91550	FITZWORTH AVENUE 1	8.22	N	450832

ID	Location	Grid reference	Name	Length	Confidential	Web link
A	139m E	398390 91560	FITZWORTH AVENUE 3	6.09	N	450834
A	147m E	398400 91580	FITZWORTH AVENUE 5	7.62	N	450836
A	149m E	398400 91560	FITZWORTH AVENUE 4	7.62	N	450835
B	188m E	398440 91570	JUNCTION ROAD PHASE II 16	4.0	N	450716
C	191m N	398270 91840	BOROUGH OF POOLE NO 60	6.09	N	450670
C	195m N	398290 91840	TURLINMOOR ESTATE CDE/406/12 8	6.09	N	450804
B	197m E	398450 91580	JUNCTION ROAD PHASE II 1	1.0	N	450701
C	200m N	398260 91850	TURLINMOOR ESTATE CDE/406/12 7	6.09	N	450803
D	201m N	398170 91840	CDE/406/88 2	3.5	N	450810
B	207m E	398460 91580	JUNCTION ROAD PHASE II 18	3.0	N	450718
D	209m N	398150 91840	CDE/406/88 1	4.0	N	450809
C	215m N	398290 91860	TURLINMOOR ESTATE CDE/406/12 6	6.09	N	450802
B	218m E	398470 91590	JUNCTION ROAD PHASE II 17/17A	2.0	N	450717
B	218m E	398470 91560	JUNCTION ROAD PHASE II 15	3.5	N	450715
3	227m NE	398350 91850	BOROUGH OF POOLE NO 66	6.4	N	450676
B	237m E	398490 91580	JUNCTION ROAD PHASE II 7	2.5	N	450707
B	238m E	398490 91600	JUNCTION ROAD PHASE II 6	3.0	N	450706
4	247m NE	398400 91840	BOROUGH OF POOLE NO 63	6.09	N	450673

This data is sourced from the British Geological Survey.



17 Natural ground subsidence - Shrink swell clays



— Site Outline
Search buffers in metres (m)

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

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).

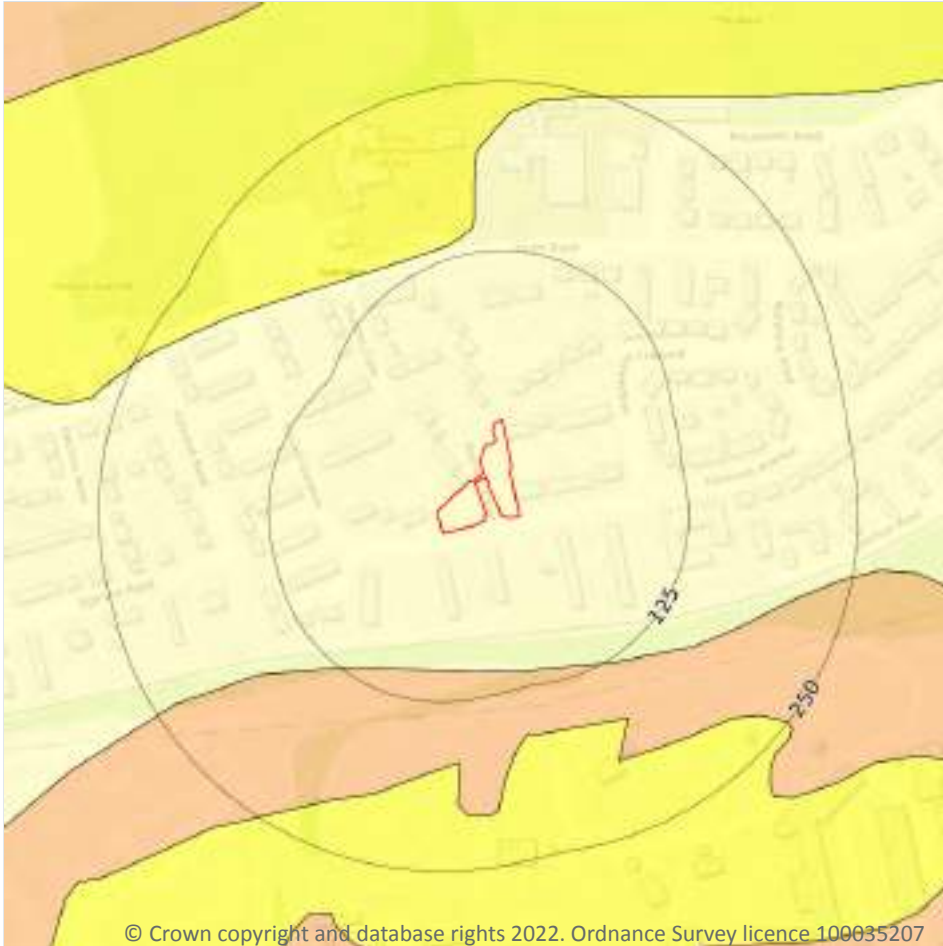
Features are displayed on the Natural ground subsidence - Shrink swell clays map on **page 133**

Location	Hazard rating	Details
On site	Moderate	Ground conditions predominantly high plasticity.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Running sands



— Site Outline
Search buffers in metres (m)

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

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.

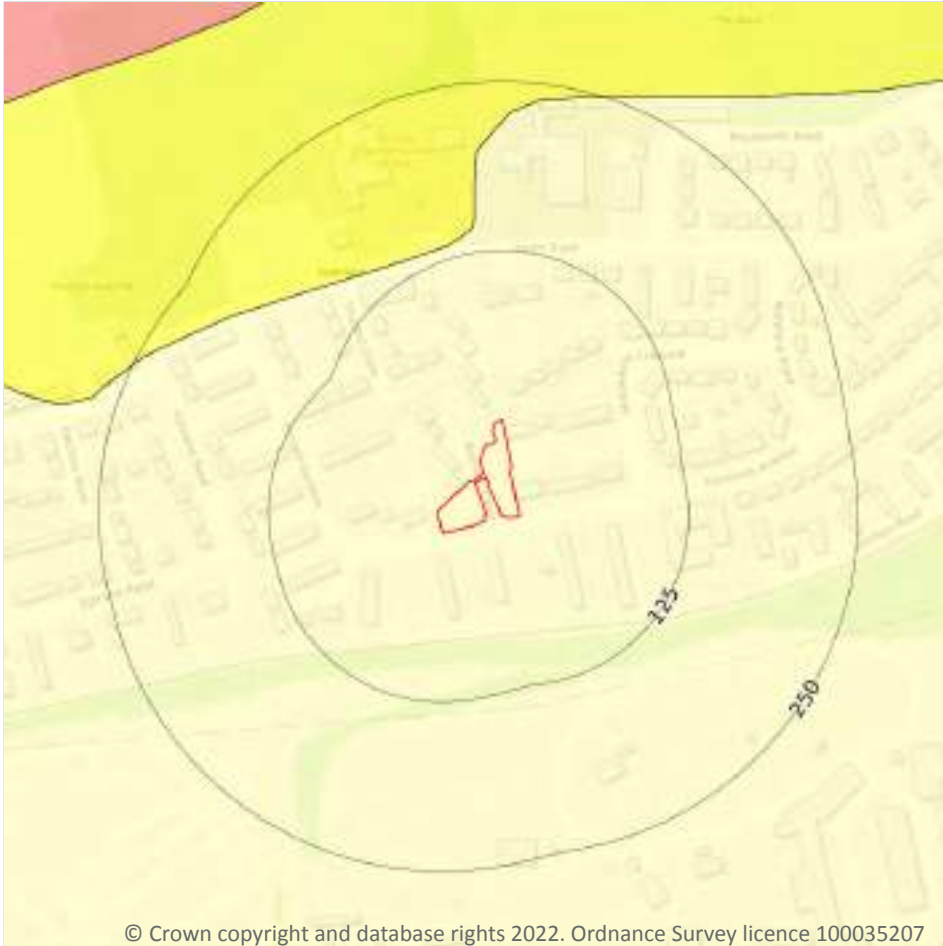
Features are displayed on the Natural ground subsidence - Running sands map on **page 134**

Location	Hazard rating	Details
On site	Negligible	Running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Compressible deposits



- Site Outline
- Search buffers in metres (m)
- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.3 Compressible deposits

Records within 50m

1

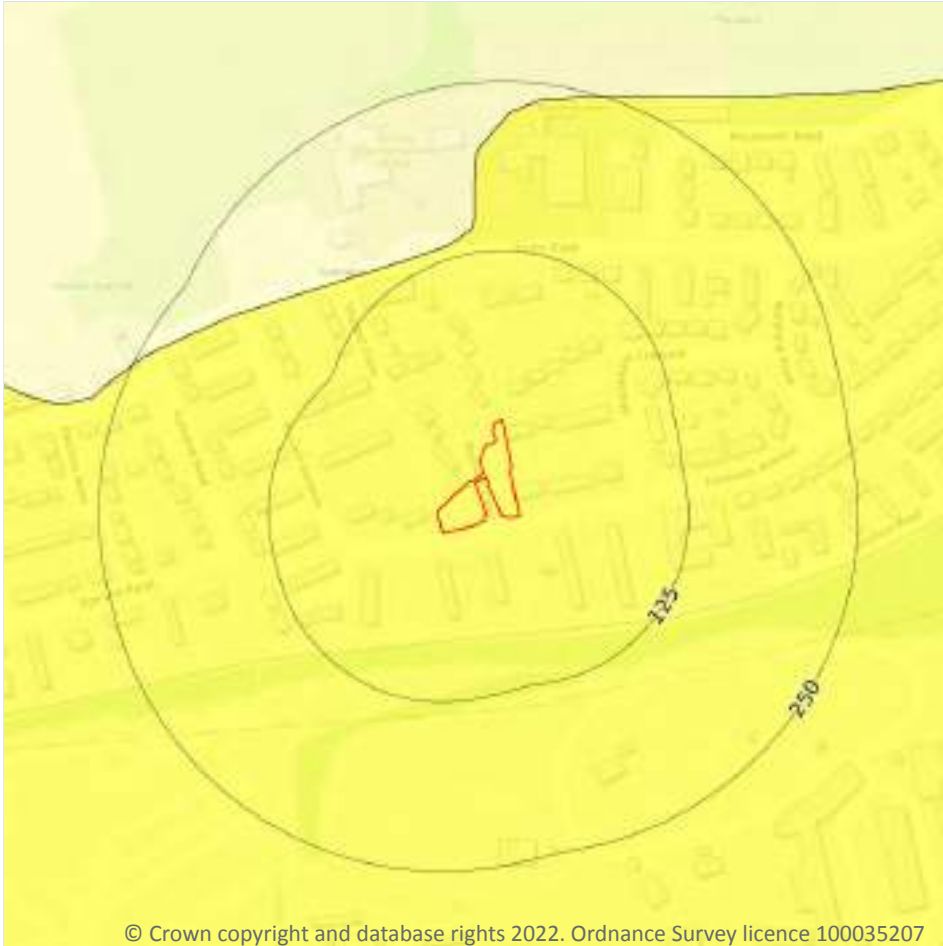
The potential hazard presented by types of ground that may contain layers of very soft materials like clay or peat and may compress if loaded by overlying structures, or if the groundwater level changes, potentially resulting in depression of the ground and disturbance of foundations.

Features are displayed on the Natural ground subsidence - Compressible deposits map on **page 135**

Location	Hazard rating	Details
On site	Negligible	Compressible strata are not thought to occur.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Collapsible deposits



17.4 Collapsible deposits

Records within 50m

1

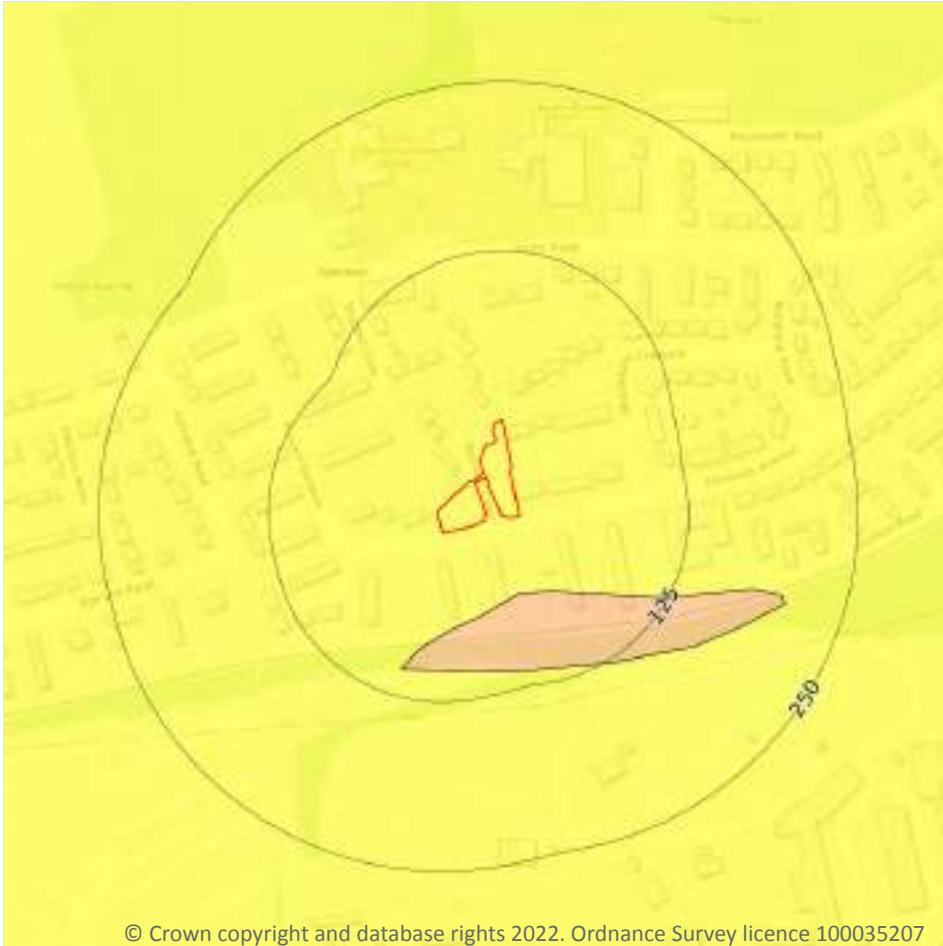
The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

Features are displayed on the Natural ground subsidence - Collapsible deposits map on **page 136**

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

This data is sourced from the British Geological Survey.

Natural ground subsidence - Landslides



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 137**

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



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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.

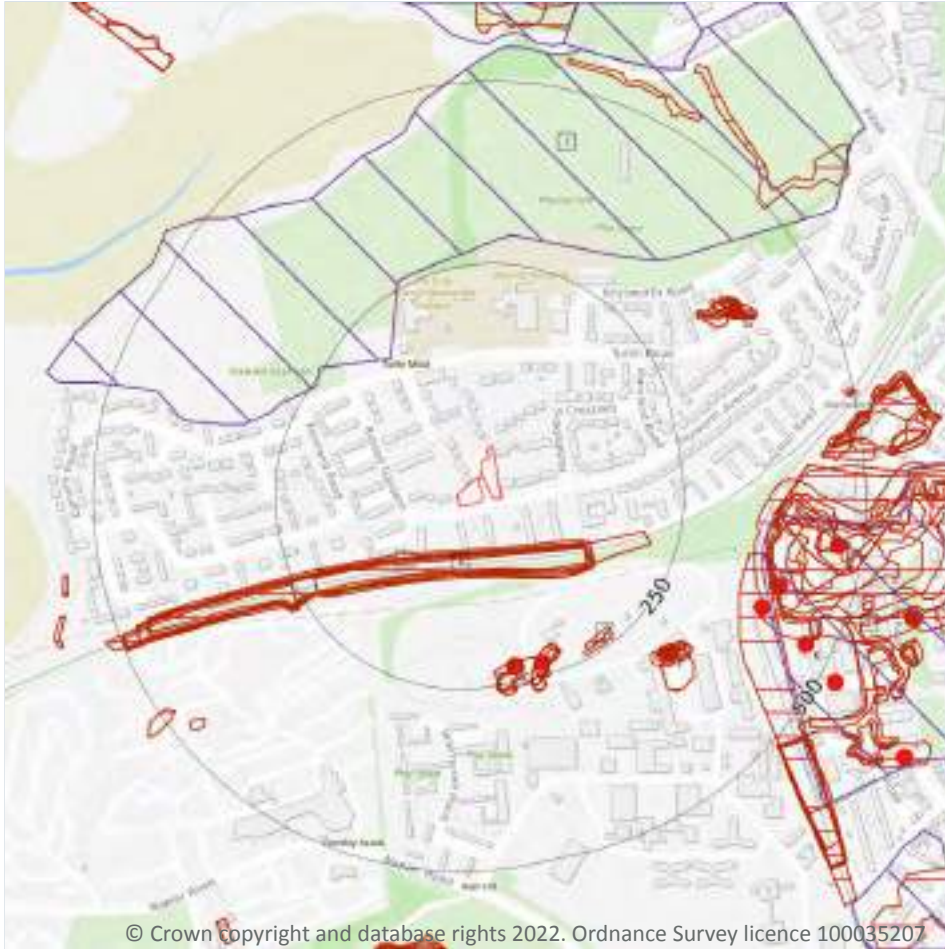
Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on **page 138**

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, ground workings and natural cavities



- Site Outline
- Search buffers in metres (m)
- Natural cavities (Area)
- Natural cavities (Point)
- BritPits
- Surface ground workings
- Underground workings
- Historical Mineral Planning Areas
- Mining Cavities
- Non Coal Mining
- Sporadic underground mining of restricted extent possible
- Localised small scale underground mining possible
- Small scale mining possible
- Underground mining known or likely within or in close proximity
- Underground mining known within or in very close proximity

18.1 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.

18.2 BritPits

Records within 500m

9

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, ground workings and natural cavities map on **page 140**

ID	Location	Details	Description
C	229m S	Name: Ham Common Address: Ham Common, POOLE, Dorset Commodity: Sand & Gravel 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
C	232m S	Name: Ham Common Address: Ham Common, POOLE, Dorset Commodity: Sand & Gravel 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
F	312m SE	Name: Ham Hill Gravel Pits Address: Hamworthy, POOLE, Dorset Commodity: Sand & Gravel 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
G	381m NE	Name: Turling Moor Sand Pit Address: Hamworthy, POOLE, Dorset Commodity: Sand 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
H	387m SE	Name: Hamworthy Depot Address: POOLE, DORSET Commodity: Crushed Rock Status: Active	Type: A site where mineral commodities are unloaded from rail trucks and stored Status description: Site which is actively extracting mineral products, or in the case of wharfs and rail depots, is actively handing minerals



ID	Location	Details	Description
H	400m E	Name: Hamworthy Sand Pits Address: Hamworthy, POOLE, Dorset Commodity: Sand 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	462m SE	Name: Hamworthy Sand & Gravel Pits Address: Hamworthy, POOLE, Dorset Commodity: Sand & Gravel 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
H	466m E	Name: Hamworthy Junction Pottery Address: Hamworthy, POOLE, Dorset 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
H	466m E	Name: Hamworthy Junction Pottery Address: Hamworthy, POOLE, Dorset Commodity: Sand 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.

18.3 Surface ground workings

Records within 250m

24

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, ground workings and natural cavities map on **page 140**

ID	Location	Land Use	Year of mapping	Mapping scale
A	59m S	Cuttings	1924	1:10560
A	63m S	Cuttings	1900	1:10560
A	66m S	Cuttings	1938	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
A	66m S	Cuttings	1984	1:10000
A	66m S	Cuttings	1993	1:10000
A	66m S	Cuttings	1976	1:10000
A	66m S	Cuttings	1963	1:10560
A	67m S	Cuttings	1886	1:10560
B	71m S	Cuttings	1938	1:10560
B	71m S	Cuttings	1932	1:10560
C	211m S	Old Gravel Pits	1900	1:10560
C	213m S	Gravel Pits	1886	1:10560
C	219m SE	Unspecified Pit	1938	1:10560
C	219m SE	Unspecified Pit	1932	1:10560
C	219m SE	Unspecified Pit	1924	1:10560
C	221m S	Old Gravel Pits	1900	1:10560
C	226m S	Unspecified Pits	1938	1:10560
C	226m S	Unspecified Pits	1932	1:10560
C	226m S	Unspecified Pits	1924	1:10560
D	227m SE	Old Gravel Pits	1900	1:10560
C	230m S	Unspecified Pit	1938	1:10560
C	230m S	Unspecified Pit	1932	1:10560
C	230m S	Unspecified Pit	1924	1:10560
D	234m SE	Unspecified Ground Workings	1932	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

18.4 Underground workings

Records within 1000m

0

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

This is data is sourced from Ordnance Survey/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, ground workings and natural cavities map on **page 140**

ID	Location	Site Name	Mineral	Type	Planning Status	Planning Status Date
1	182m NW	Sandy Lane	Not available	Surface mineral working	Withdrawn	8/1950
I	366m E	Hamworthy Junction	Clay, sand	Surface mineral working	Valid	16/4/1948

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 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.

18.8 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.



18.9 Coal mining

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

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

This data is sourced from the Coal Authority.

18.10 Brine areas

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

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

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

18.11 Gypsum areas

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

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.12 Tin mining

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

Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

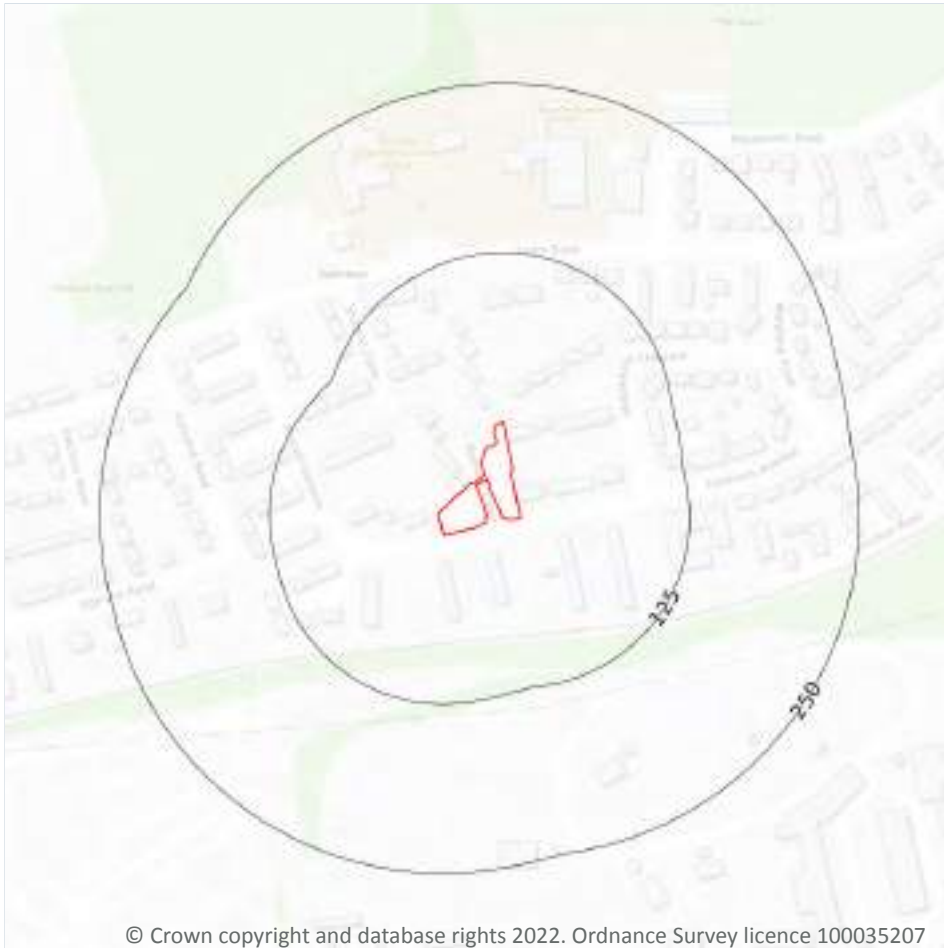
18.13 Clay mining

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

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

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

19 Radon



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— Site Outline
Search buffers in metres (m)

- Greater than 30%
- Between 10% and 30%
- Between 5% and 10%
- Between 3% and 5%
- Between 1% and 3%
- Less than 1%

19.1 Radon

Records on site

1

Estimated percentage of dwellings exceeding the Radon Action Level. This data is the highest resolution radon dataset available for the UK and is produced to a 75m level of accuracy to allow for geological data accuracy and a 'residential property' buffer. The findings of this section should supersede any estimations derived from the Indicative Atlas of Radon in Great Britain. The data was derived from both geological assessments and long term measurements of radon in more than 479,000 households.

Features are displayed on the Radon map on **page 146**

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

This data is sourced from the British Geological Survey and Public Health England.



20 Soil chemistry

20.1 BGS Estimated Background Soil Chemistry

Records within 50m

1

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	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg

This data is sourced from the British Geological Survey.

20.2 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.

20.3 BGS Measured Urban Soil Chemistry

Records within 50m

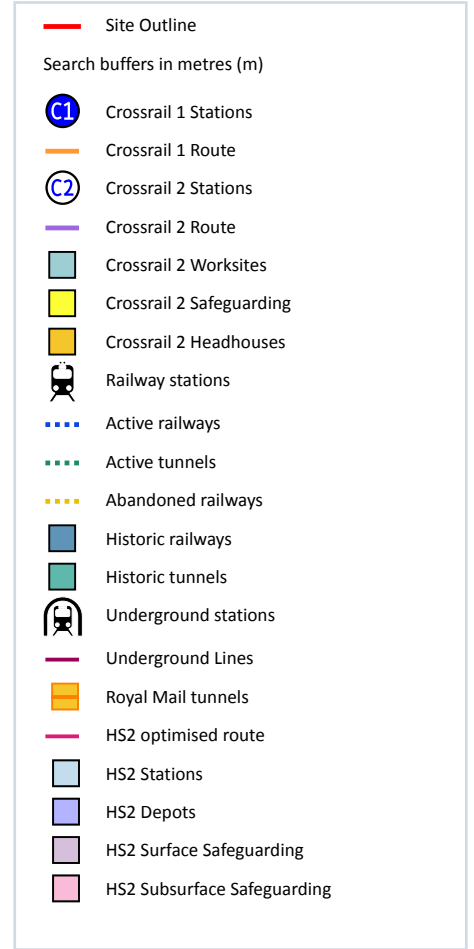
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The locations and measured total concentrations (mg/kg) of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc in urban topsoil samples from 23 urban centres across Great Britain. These are collected at a sample density of 4 per km².

This data is sourced from the British Geological Survey.



21 Railway infrastructure and projects



21.1 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.

21.2 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.

21.3 Railway tunnels

Records within 250m

0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

21.4 Historical railway and tunnel features

Records within 250m

17

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 148**

Location	Land Use	Year of mapping	Mapping scale
125m SE	Railway Sidings	1963	10560
126m SE	Railway Sidings	1900	10560
130m SE	Railway Sidings	1925	2500
130m SE	Railway Sidings	1953	2500
130m SE	Railway Sidings	1962	2500
130m SE	Railway Sidings	1963	1250
130m SE	Railway Sidings	1953	1250
131m SE	Railway Sidings	1901	2500
131m E	Railway Sidings	1938	10560
131m SE	Railway Sidings	1933	2500
132m SE	Railway Sidings	1938	10560
132m SE	Railway Sidings	1932	10560
132m SE	Railway Sidings	1924	10560
199m E	Railway Sidings	1889	2500
247m E	Railway Sidings	1953	1250
247m E	Railway Sidings	1970	1250
247m E	Railway Sidings	1963	1250



This data is sourced from Ordnance Survey/Groundsure.

21.5 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.

21.6 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.

21.7 Railways

Records within 250m

6

Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways. Features are displayed on the Railway infrastructure and projects map on **page 148**

Location	Name	Type
75m S	South Western Main Line	rail
75m S	South Western Main Line	rail
79m S	South Western Main Line	rail
79m S	South Western Main Line	rail
80m S	Not given	Multi Track
167m SW	Not given	Multi Track

This data is sourced from Ordnance Survey and OpenStreetMap.



21.8 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.

21.9 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.

21.10 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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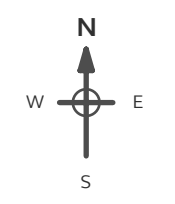
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Grid Ref: 398222, 91609

Map Name: County Series

Map date: 1889

Scale: 1:2,500

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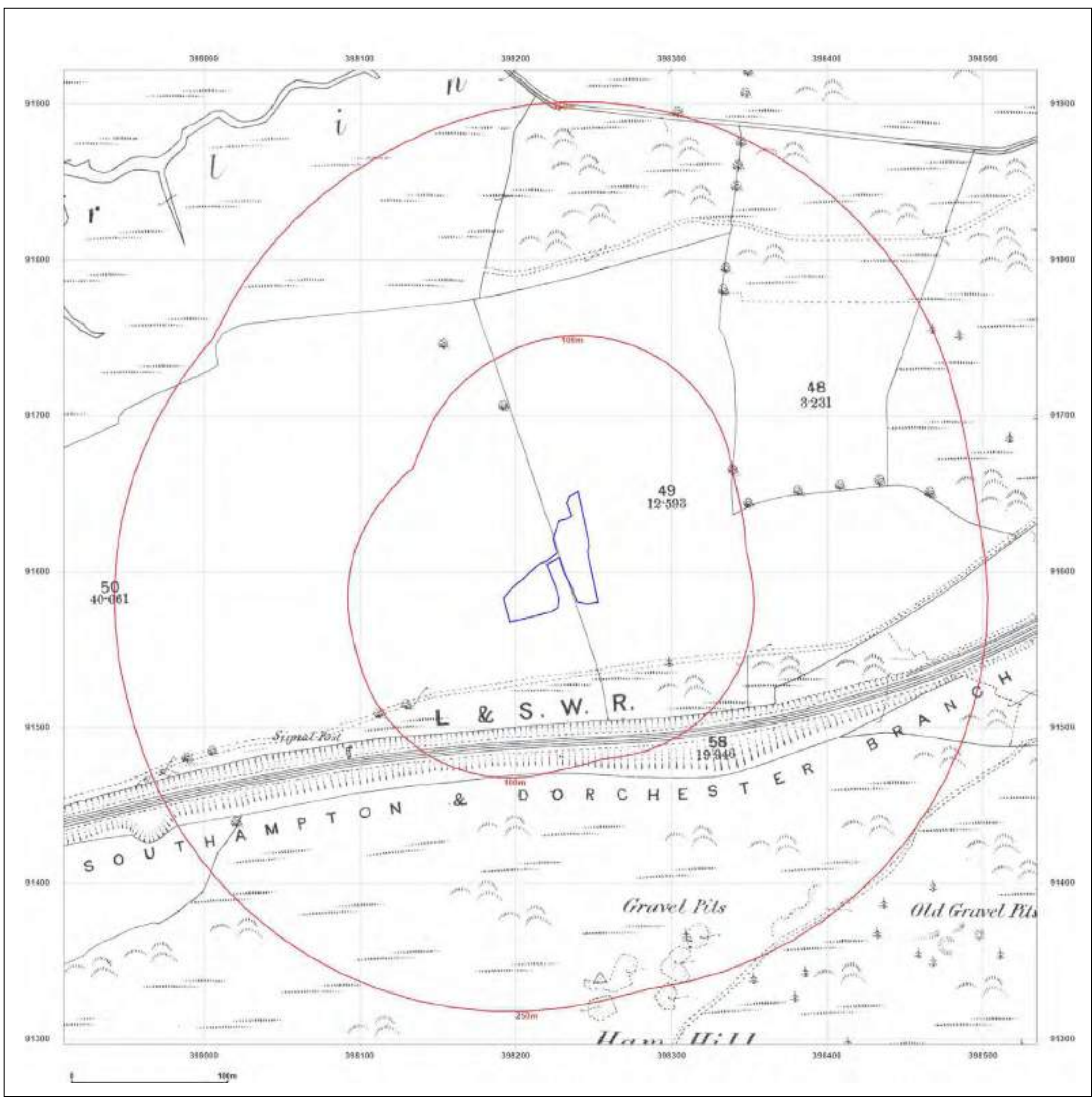


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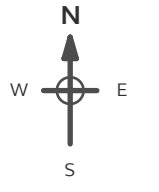
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Report Ref: GS-9175486
Grid Ref: 398222, 91609

Map Name: County Series

Map date: 1901

Scale: 1:2,500

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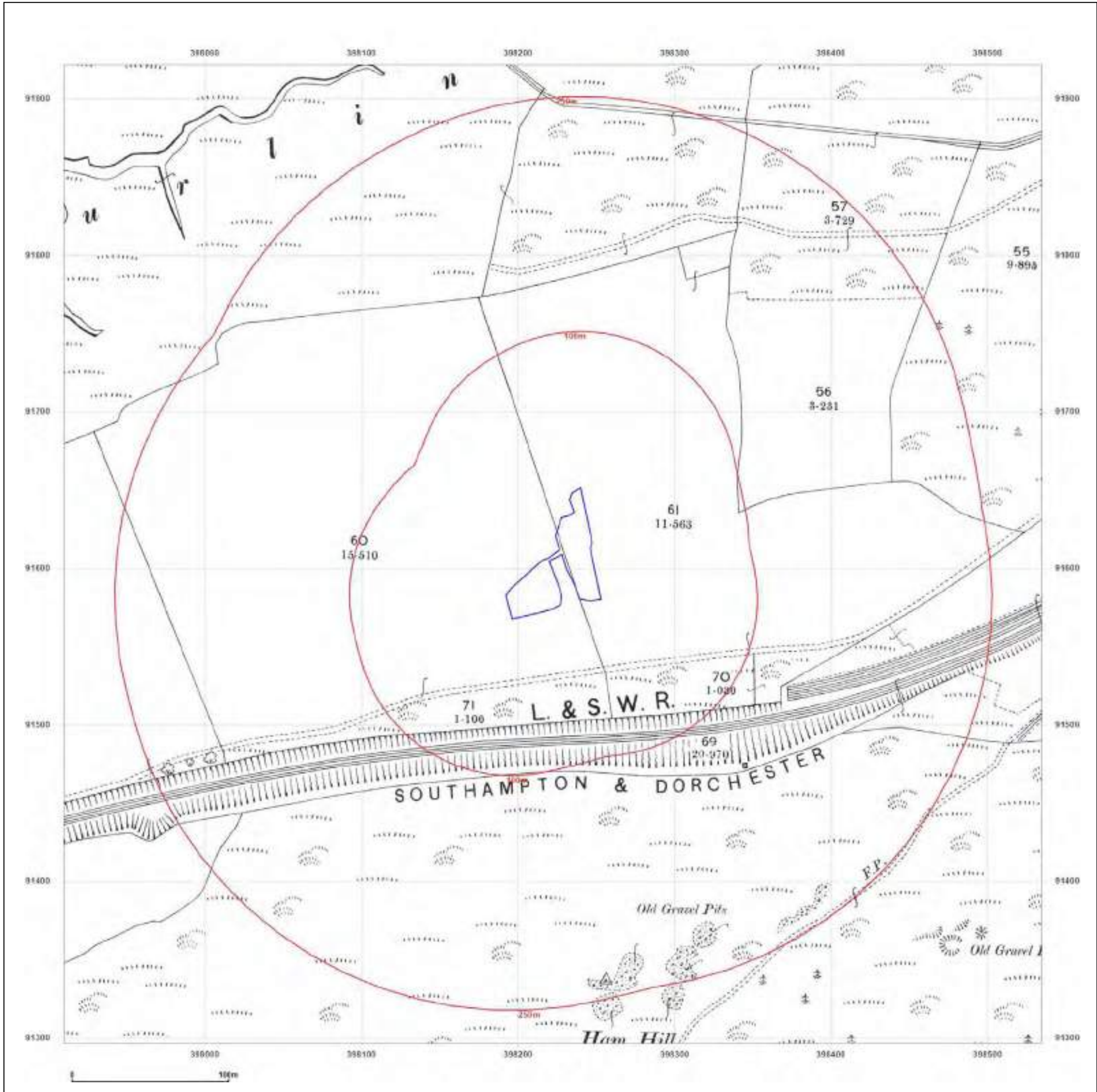


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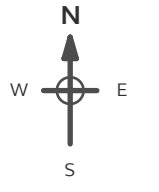
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Grid Ref: 398222, 91609

Map Name: County Series

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Scale: 1:2,500

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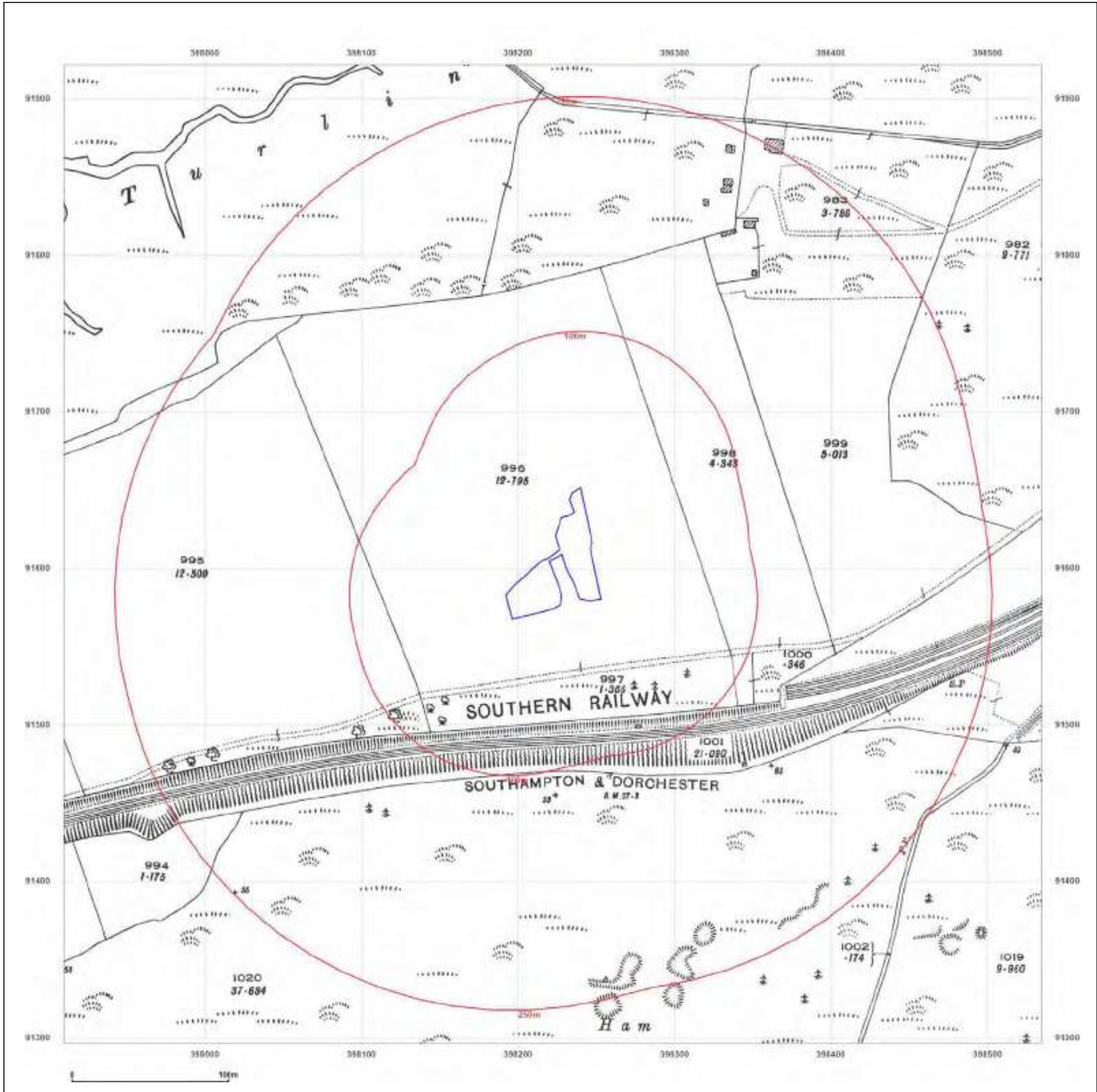



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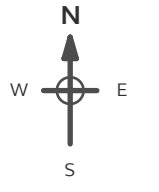
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Map Name: County Series

Map date: 1933

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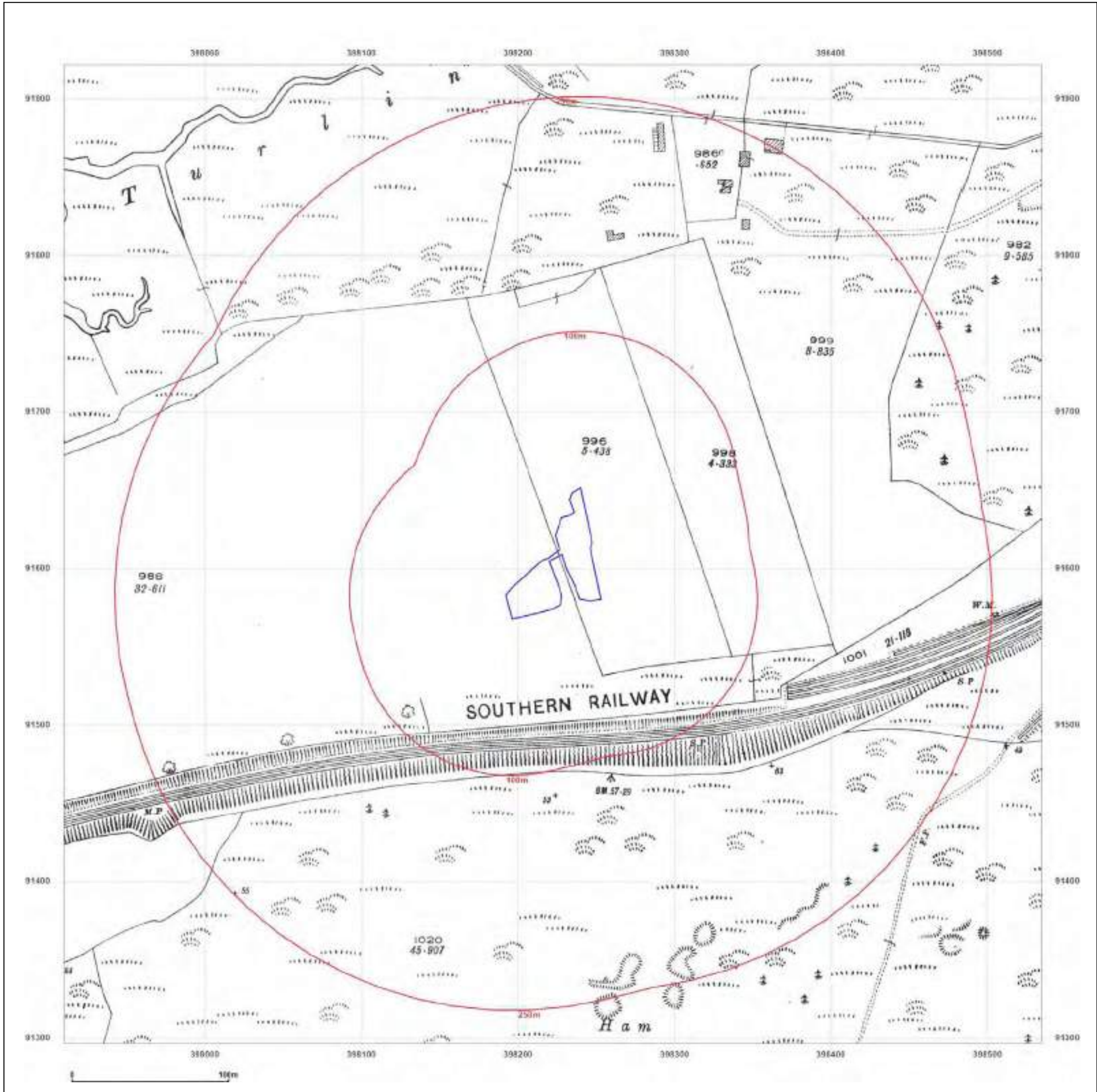



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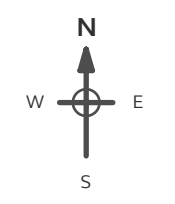
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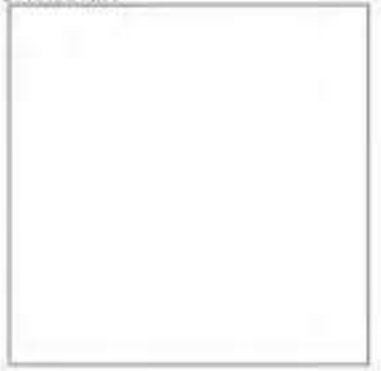
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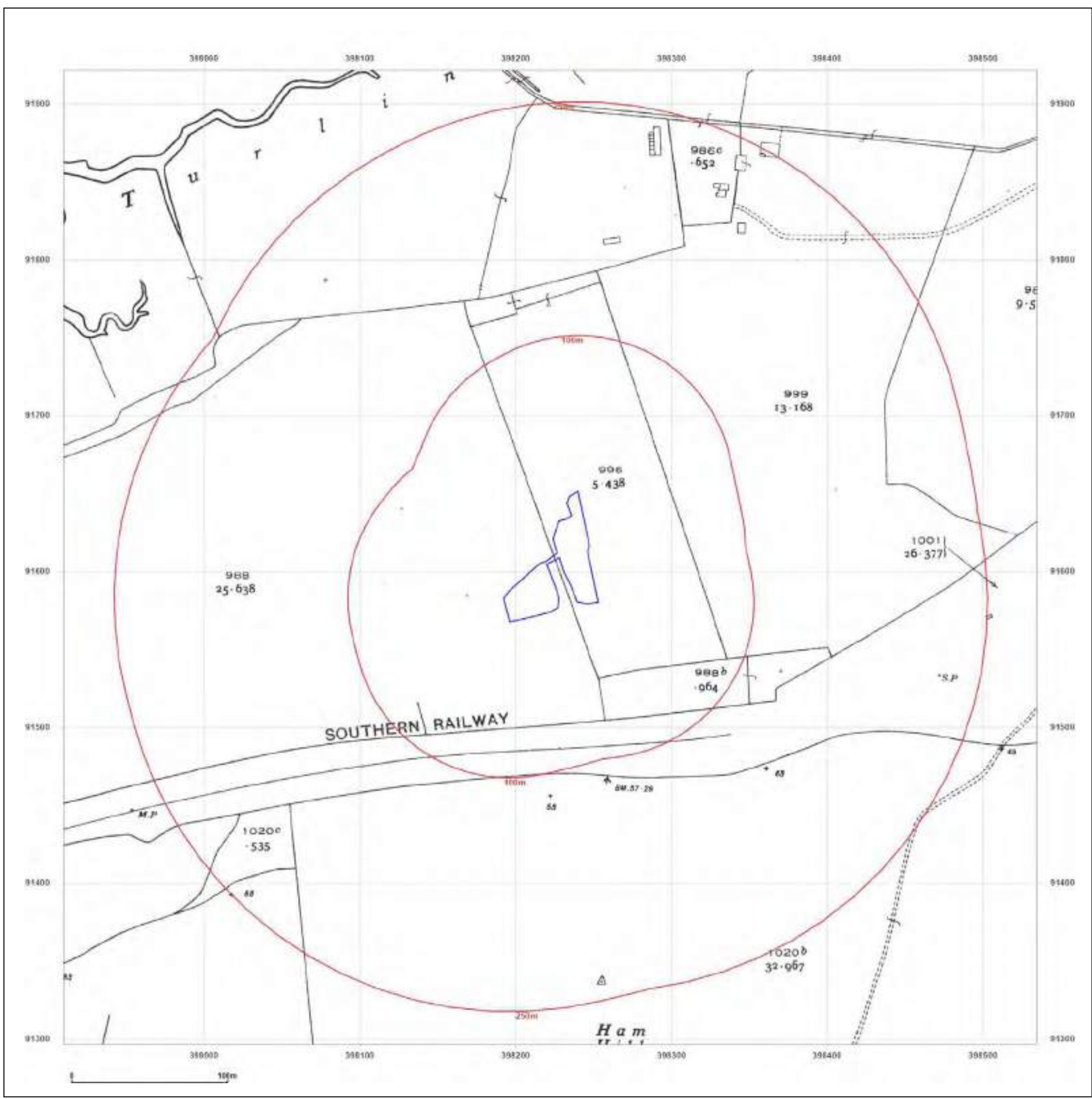



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Map Name: National Grid

Map date: 1953

Scale: 1:1,250

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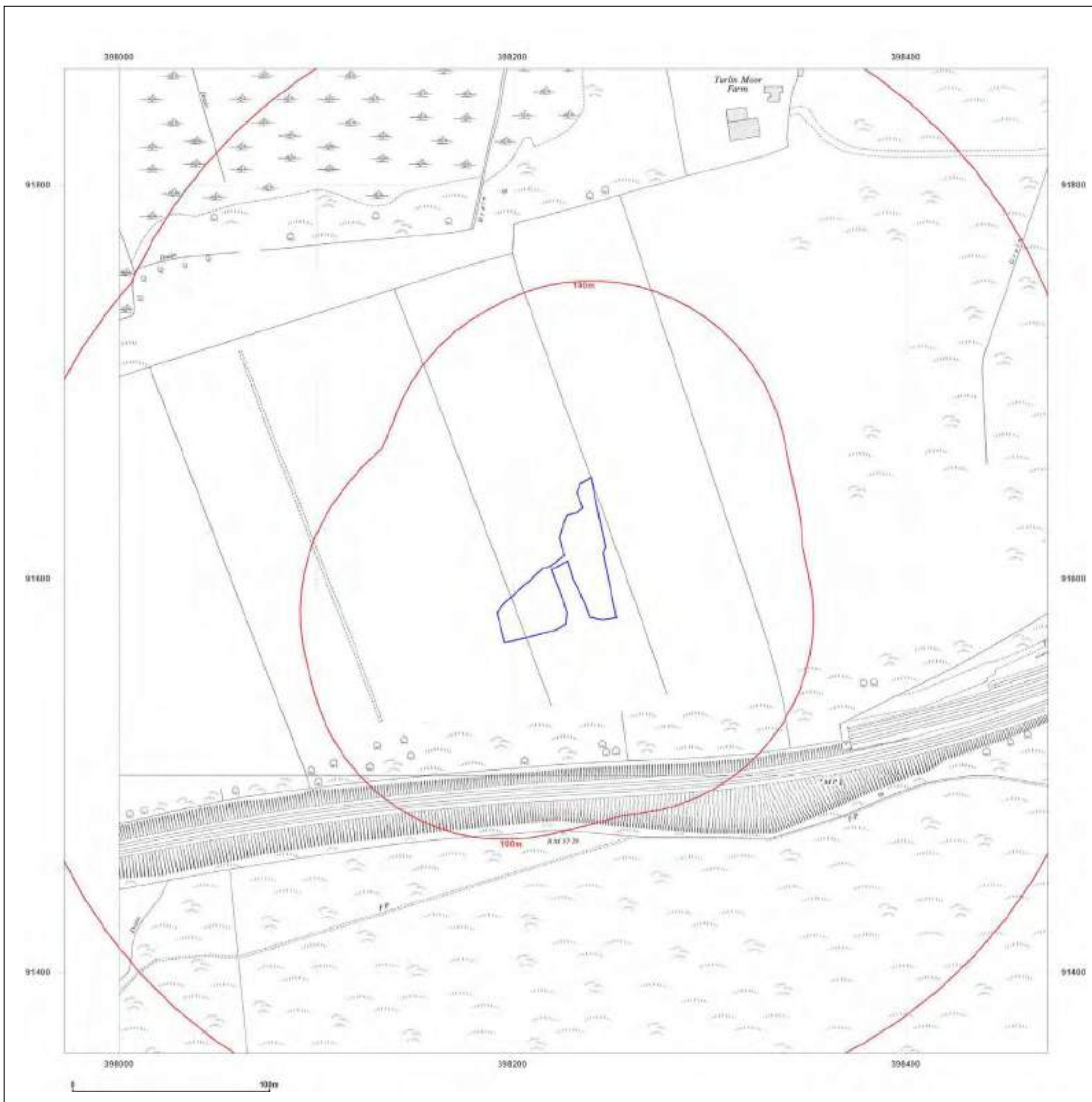


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Report Ref: GS-9175486
Grid Ref: 398222, 91609

Map Name: National Grid

Map date: 1953-1955

Scale: 1:2,500

Printed at: 1:2,500



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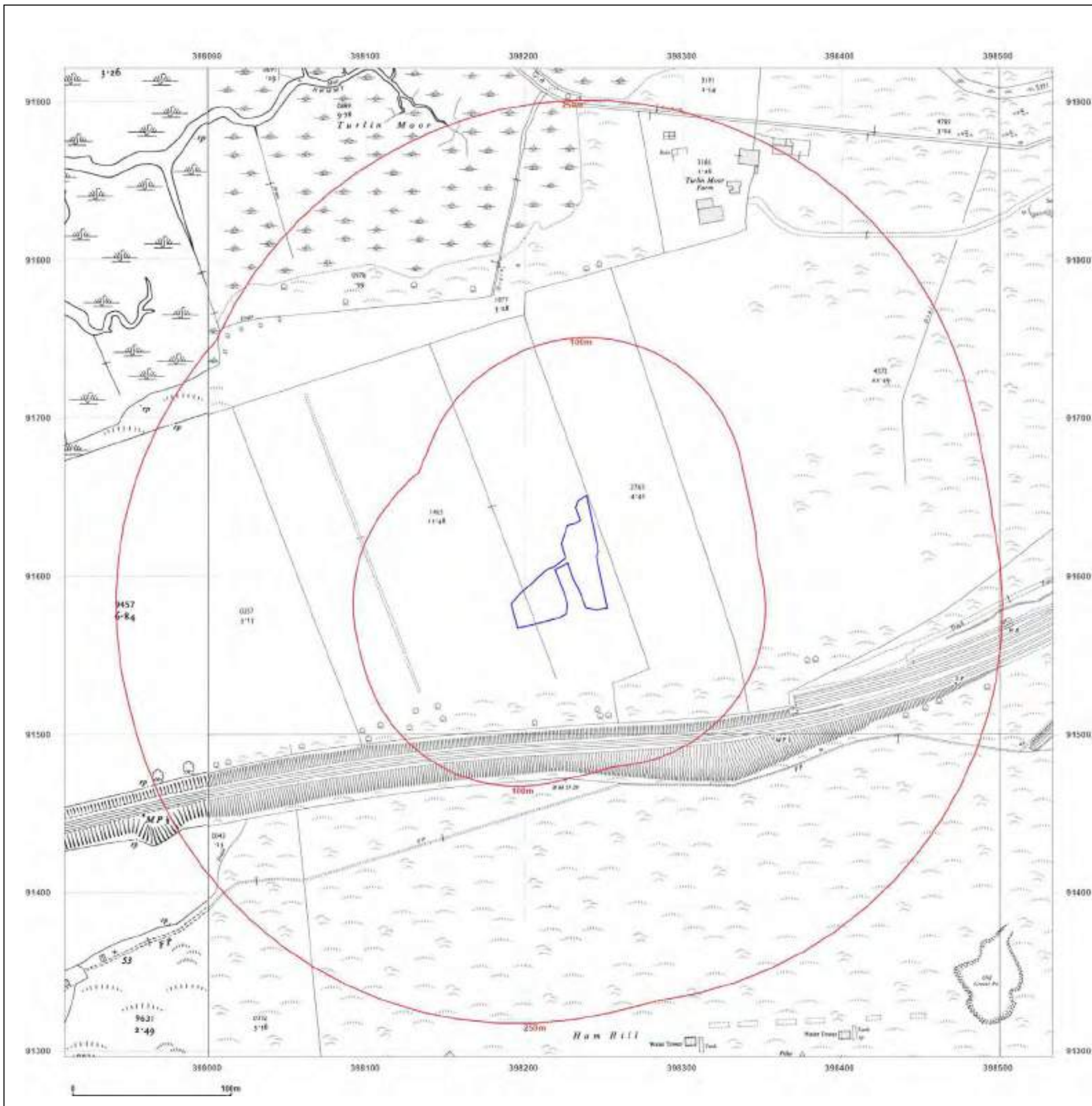


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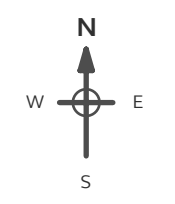
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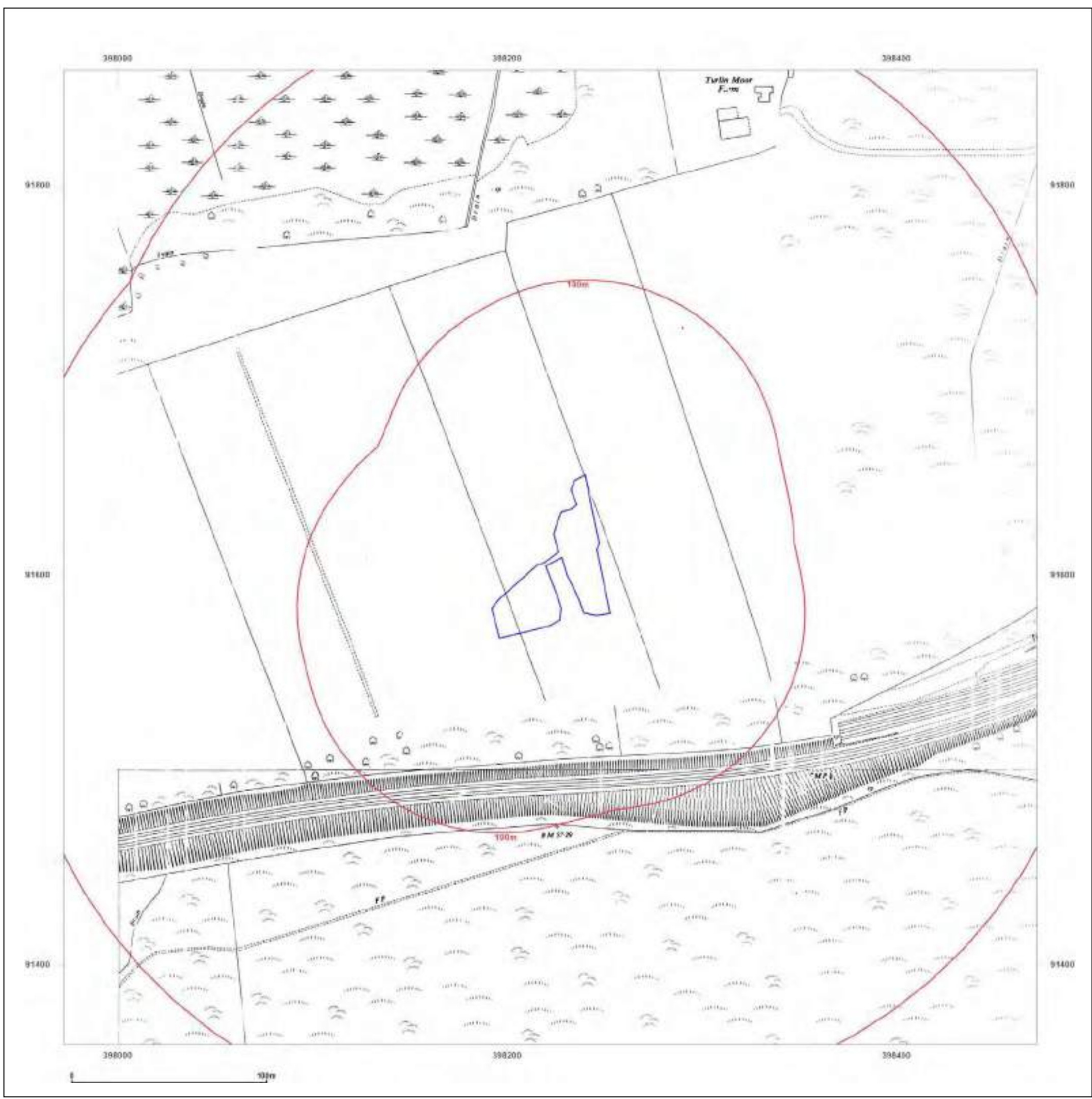


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Report Ref: GS-9175486
Grid Ref: 398222, 91609

Map Name: National Grid

Map date: 1963

Scale: 1:1,250

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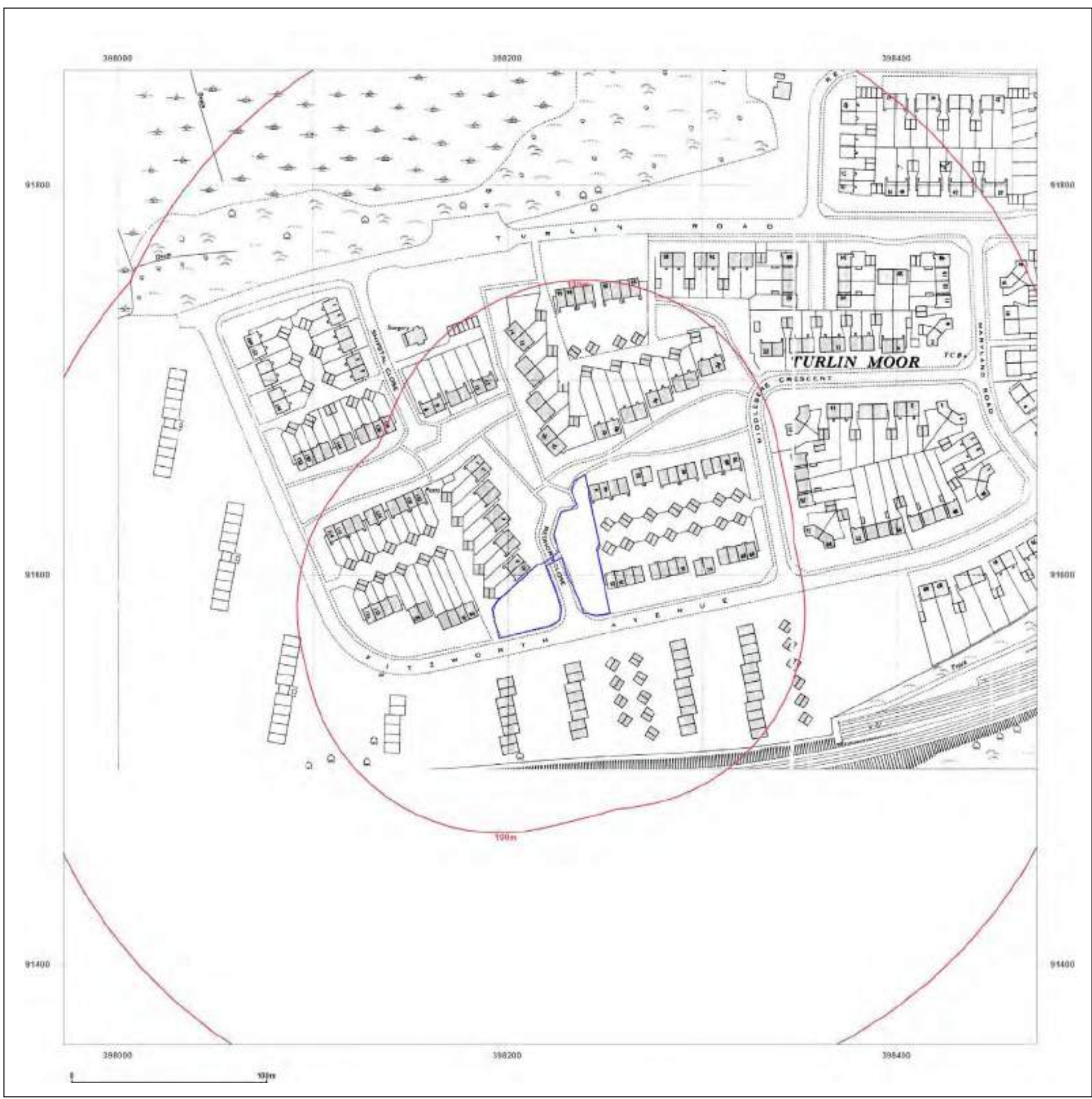


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Client Ref: J22-070
Report Ref: GS-9175486
Grid Ref: 398222, 91609

Map Name: National Grid

Map date: 1963

Scale: 1:1,250

Printed at: 1:2,000



Surveyed 1953
Revised 1962
Edition N/A
Copyright 1983
Levelled 1950



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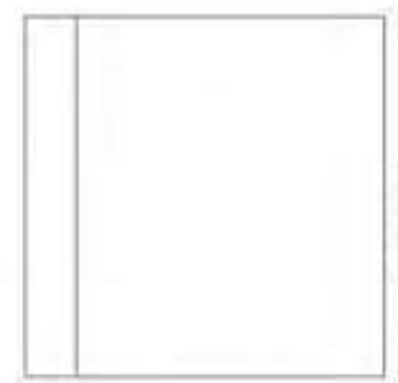
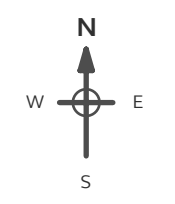
Client Ref: J22-070
Report Ref: GS-9175486
Grid Ref: 398222, 91609

Map Name: National Grid

Map date: 1964

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1962
Revised 1962
Edition N/A
Copyright 1964
Levelled 1960

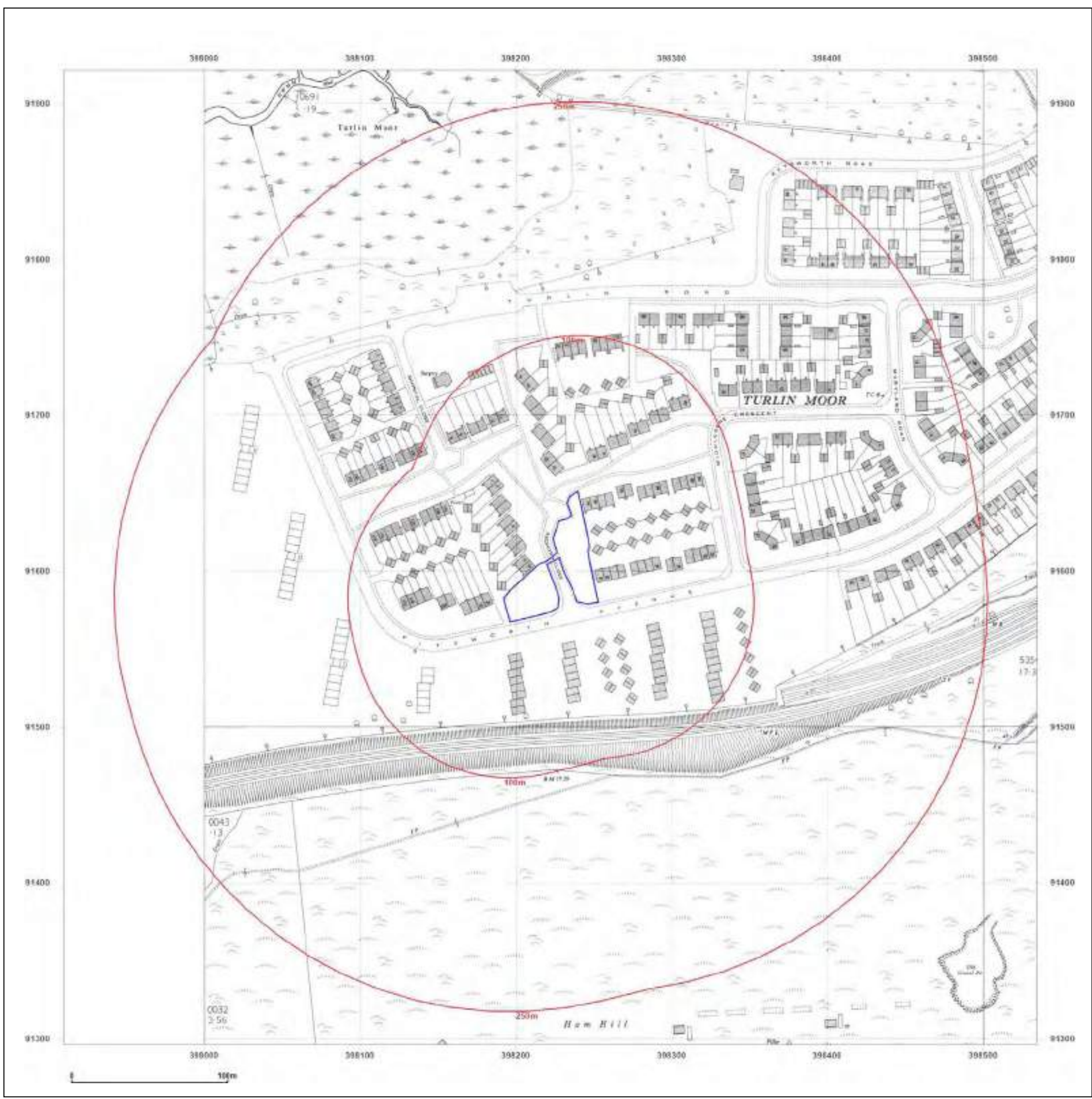


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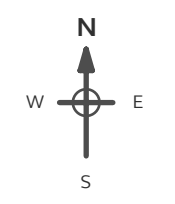
Client Ref: J22-070
Report Ref: GS-9175486
Grid Ref: 398222, 91609

Map Name: National Grid

Map date: 1971-1973

Scale: 1:1,250

Printed at: 1:2,000



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



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Client Ref: J22-070
Report Ref: GS-9175486
Grid Ref: 398222, 91609

Map Name: National Grid

Map date: 1971-1974

Scale: 1:1,250

Printed at: 1:2,000



Surveyed 1970 Revised 1970 Edition N/A Copyright 1971 Levelled 1960	Surveyed 1953 Revised 1972 Edition N/A Copyright 1973 Levelled 1960
Surveyed 1970 Revised 1970 Edition N/A Copyright 1971 Levelled 1960	Surveyed N/A Revised N/A Edition N/A Copyright N/A Levelled N/A



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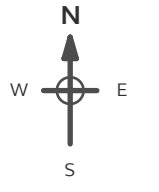
Client Ref: J22-070
Report Ref: GS-9175486
Grid Ref: 398222, 91609

Map Name: National Grid

Map date: 1985-1989

Scale: 1:1,250

Printed at: 1:2,000



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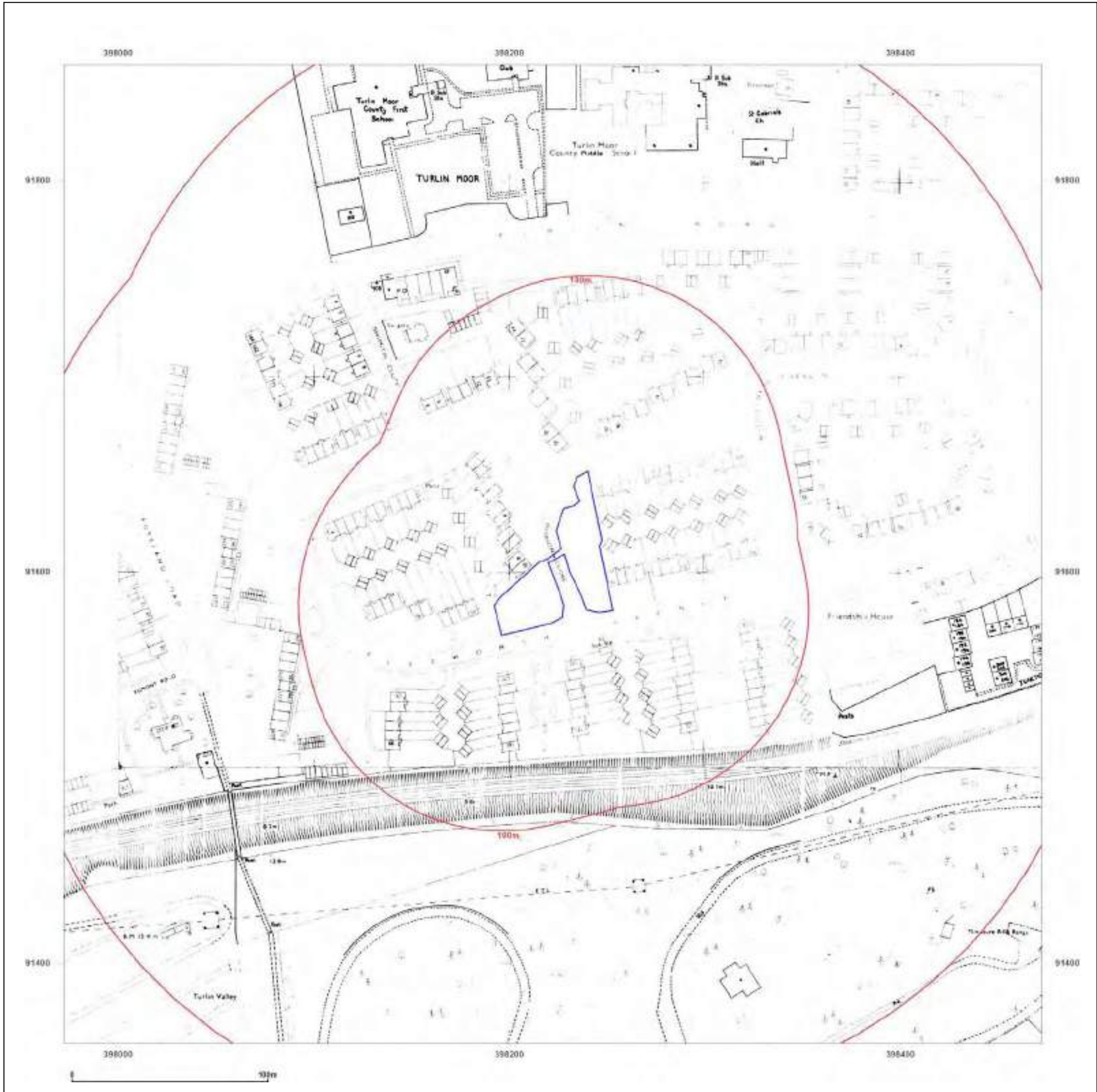


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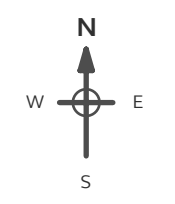
Client Ref: J22-070
Report Ref: GS-9175486
Grid Ref: 398222, 91609

Map Name: National Grid

Map date: 1985-1989

Scale: 1:1,250

Printed at: 1:2,000



<p>Surveyed 1960 Revised 1989 Edition N/A Copyright 1988 Levelled 1960</p>	<p>Surveyed 1960 Revised 1988 Edition N/A Copyright 1988 Levelled 1960</p>
<p>Surveyed N/A Revised N/A Edition N/A Copyright 1985 Levelled 1960</p>	<p>Surveyed 1960 Revised 1988 Edition N/A Copyright 1988 Levelled 1960</p>



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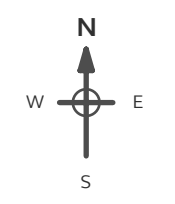
Client Ref: J22-070
Report Ref: GS-9175486
Grid Ref: 398222, 91609

Map Name: National Grid

Map date: 1994

Scale: 1:1,250

Printed at: 1:2,000



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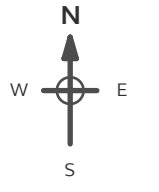
Client Ref: J22-070
Report Ref: GS-9175486
Grid Ref: 398222, 91609

Map Name: National Grid

Map date: 1994

Scale: 1:1,250

Printed at: 1:2,000



Surveyed N/A
Revised N/A
Edition N/A
Copyright 1994
Levelled N/A

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Revised N/A
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Client Ref: J22-070
Report Ref: GS-9175486
Grid Ref: 398222, 91609

Map Name: National Grid

Map date: 1994

Scale: 1:1,250

Printed at: 1:2,000



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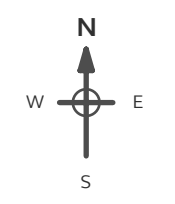
Client Ref: J22-070
Report Ref: GS-9175486
Grid Ref: 398222, 91609

Map Name: National Grid

Map date: 1994

Scale: 1:1,250

Printed at: 1:2,000



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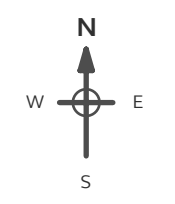
Client Ref: J22-070
Report Ref: GS-9175486
Grid Ref: 398222, 91609

Map Name: National Grid

Map date: 1994-1995

Scale: 1:1,250

Printed at: 1:2,000



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

Surveyed 1995
Revised 1995
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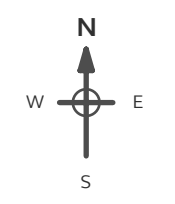
Client Ref: J22-070
Report Ref: GS-9175486
Grid Ref: 398222, 91609

Map Name: National Grid

Map date: 1995

Scale: 1:1,250

Printed at: 1:2,000



Surveyed 1995
Revised N/A
Edition N/A
Copyright 1995
Levelled N/A

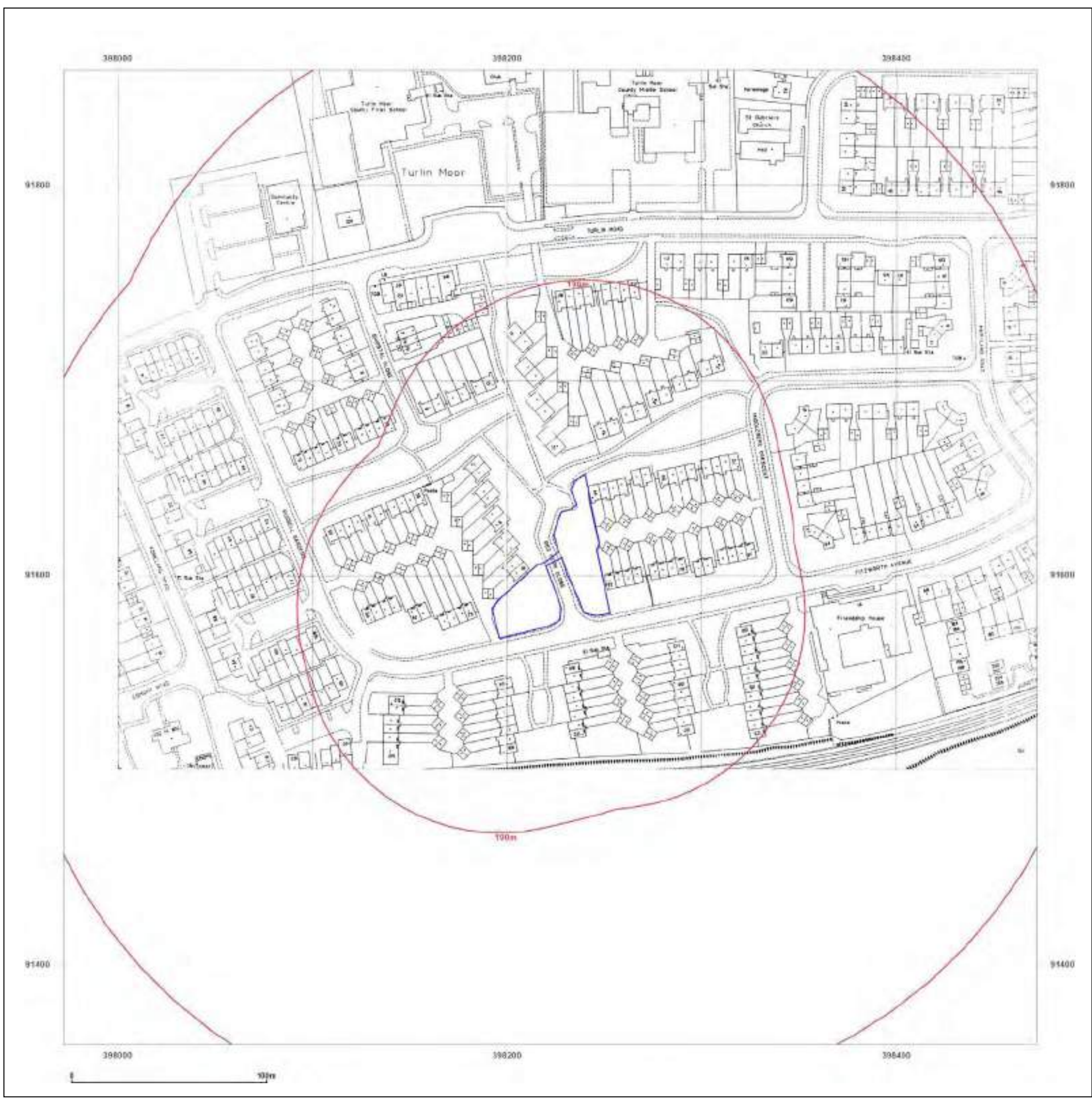


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Client Ref: J22-070
Report Ref: GS-9175486
Grid Ref: 398222, 91609

Map Name: National Grid

Map date: 1995

Scale: 1:1,250

Printed at: 1:2,000



Surveyed 1995
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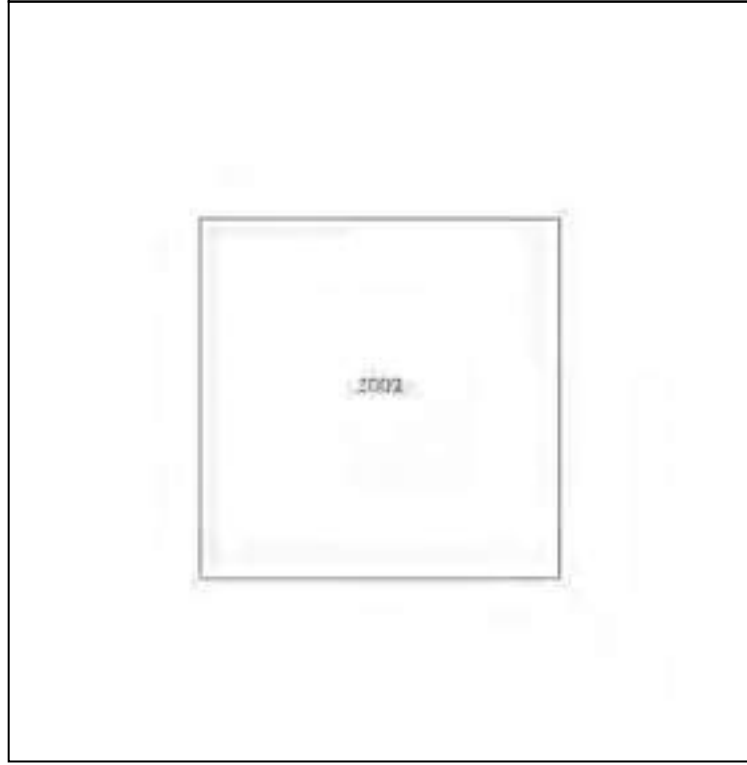
Client Ref: J22-070
Report Ref: GS-9175486
Grid Ref: 398222, 91609

Map Name: LandLine

Map date: 2003

Scale: 1:1,250

Printed at: 1:1,250

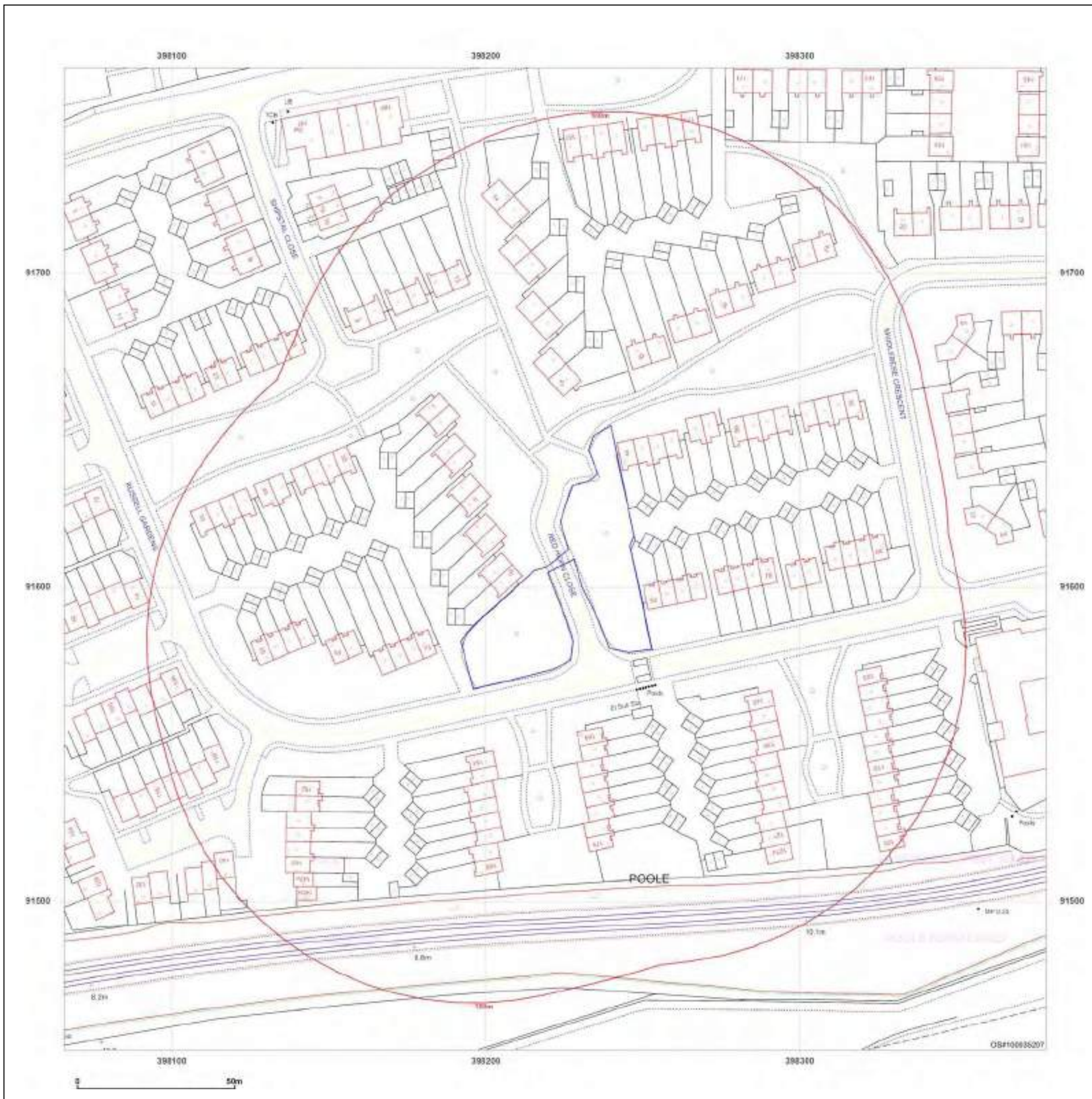


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Site Details:

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BH16 5BE

Client Ref: J22-070
Report Ref: GS-9175486
Grid Ref: 398222, 91609

Map Name: County Series

Map date: 1886-1887

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1887
Revised 1887
Edition N/A
Copyright N/A
Levelled N/A

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

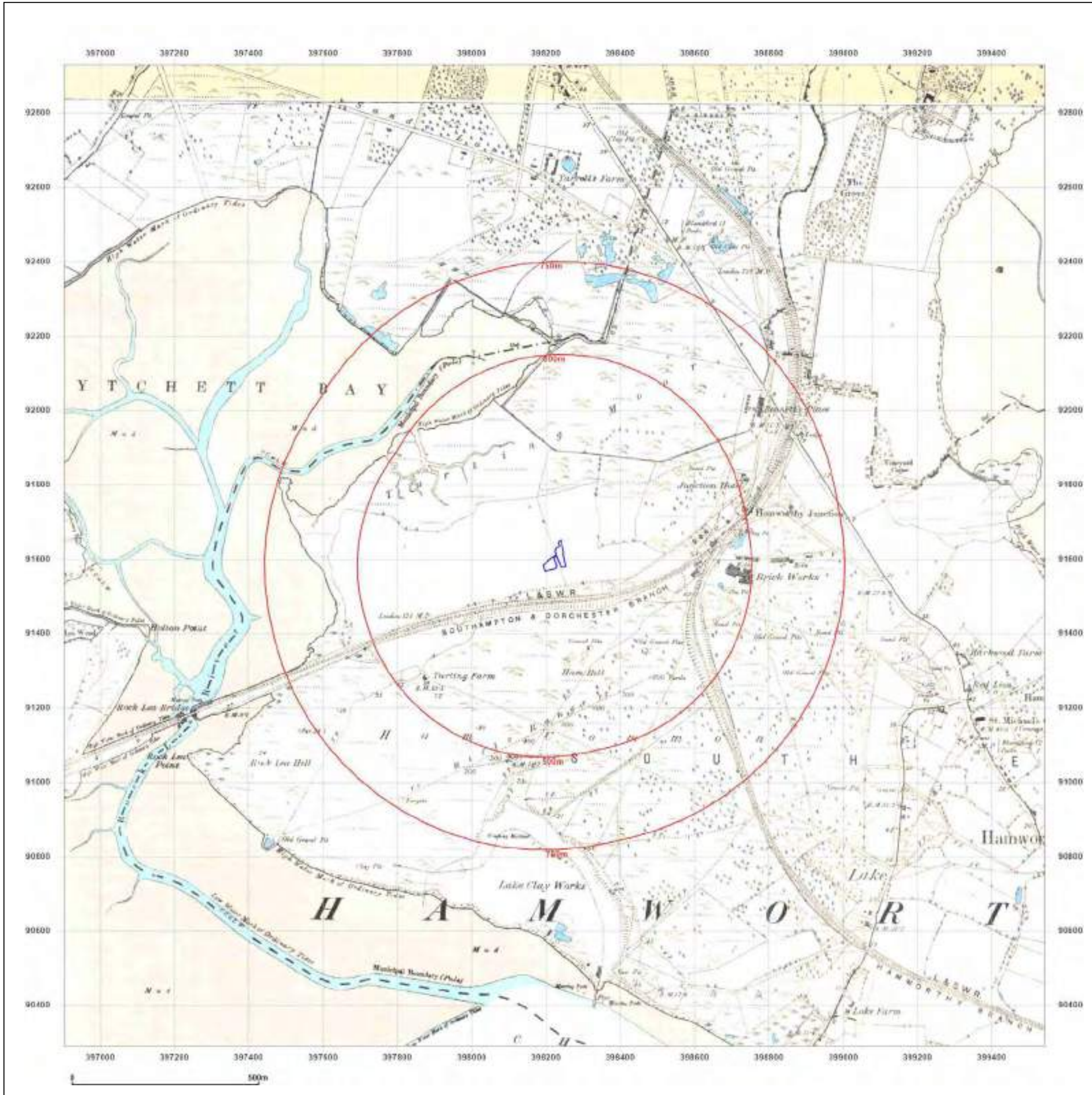


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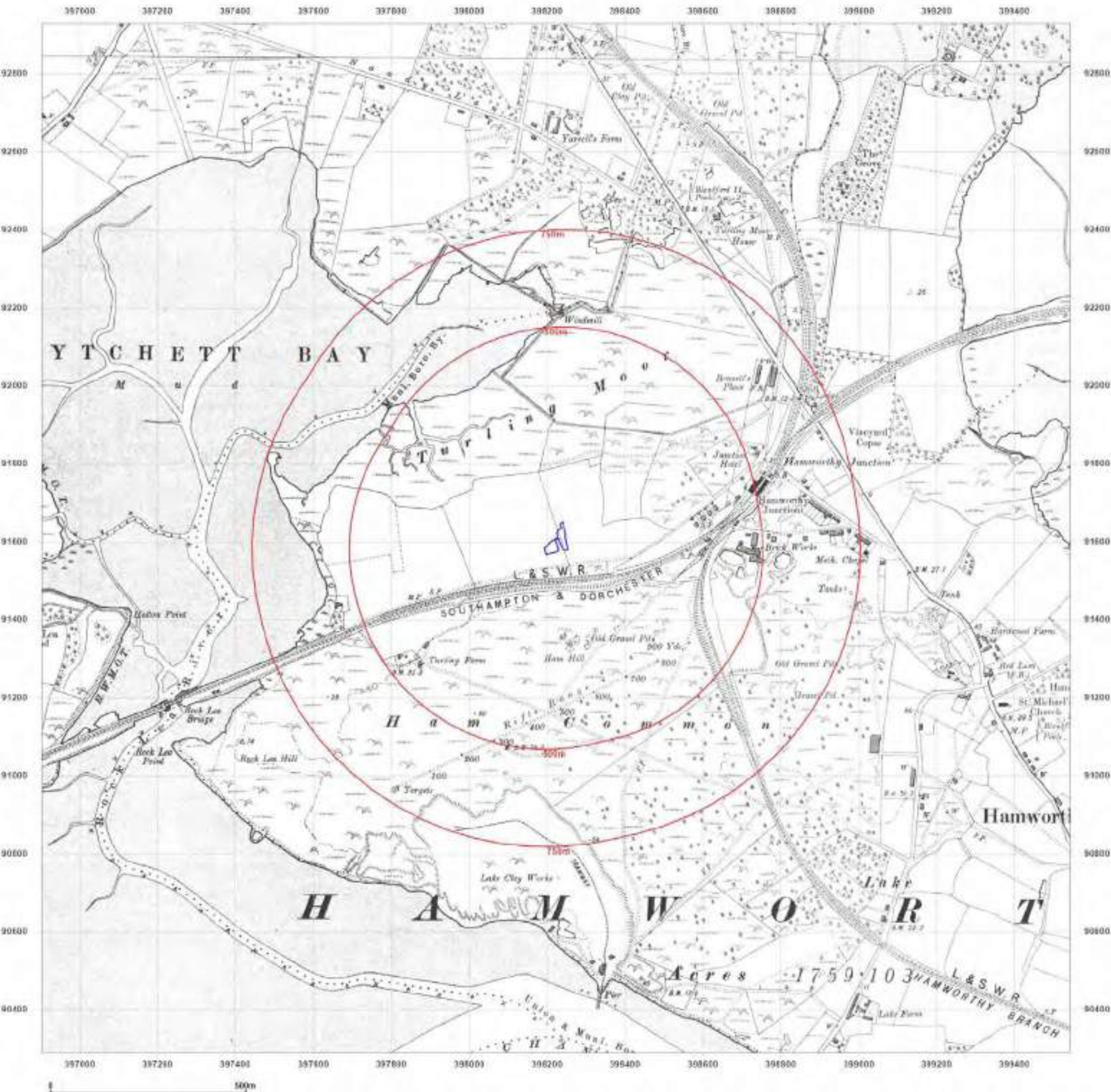
Client Ref: J22-070
Report Ref: GS-9175486
Grid Ref: 398222, 91609

Map Name: County Series

Map date: 1900

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1886
Revised 1900
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1886
Revised 1900
Edition N/A
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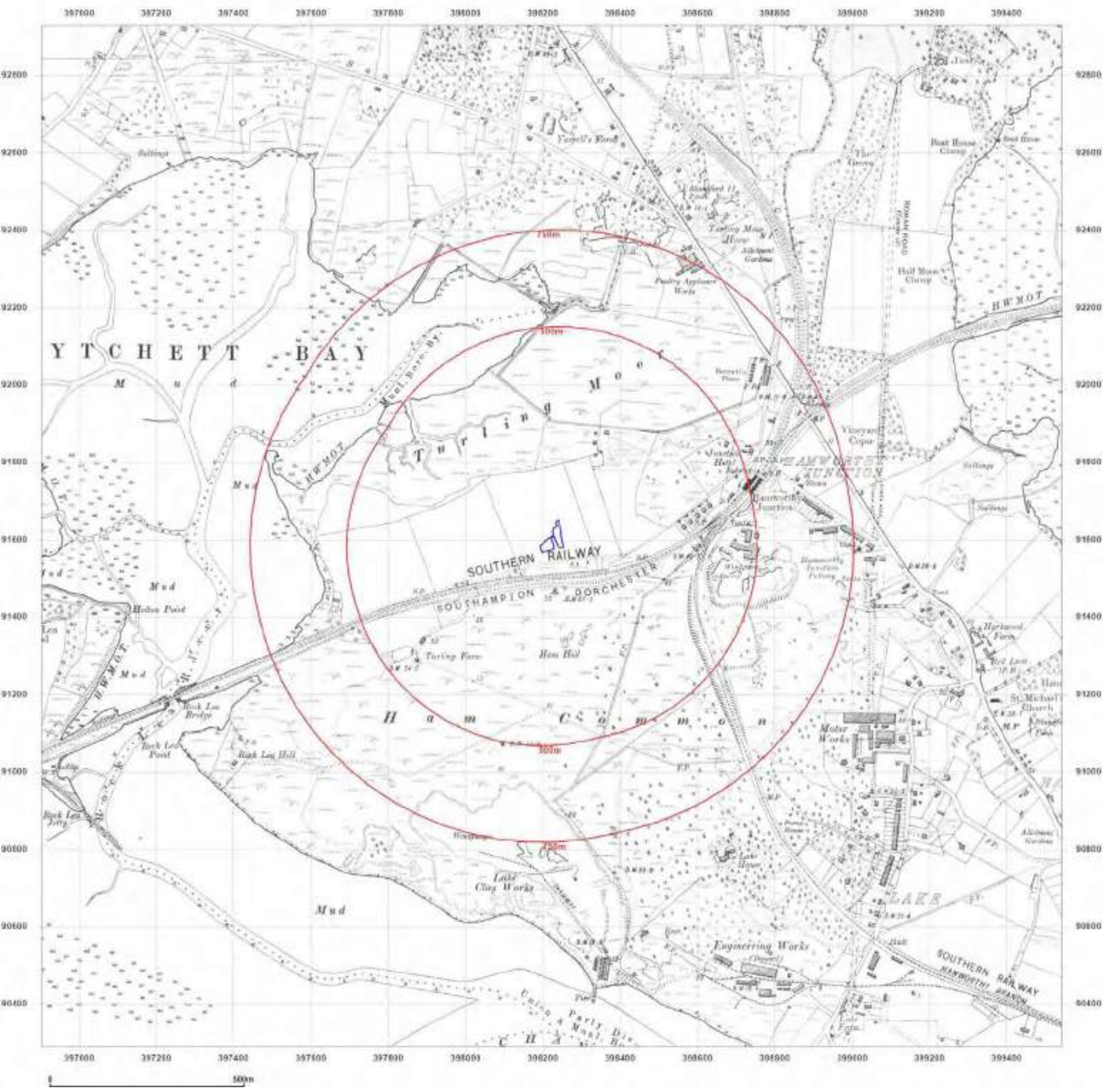
Client Ref: J22-070
Report Ref: GS-9175486
Grid Ref: 398222, 91609

Map Name: County Series

Map date: 1923-1924

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1886
Revised 1923
Edition N/A
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Surveyed 1886
Revised 1924
Edition N/A
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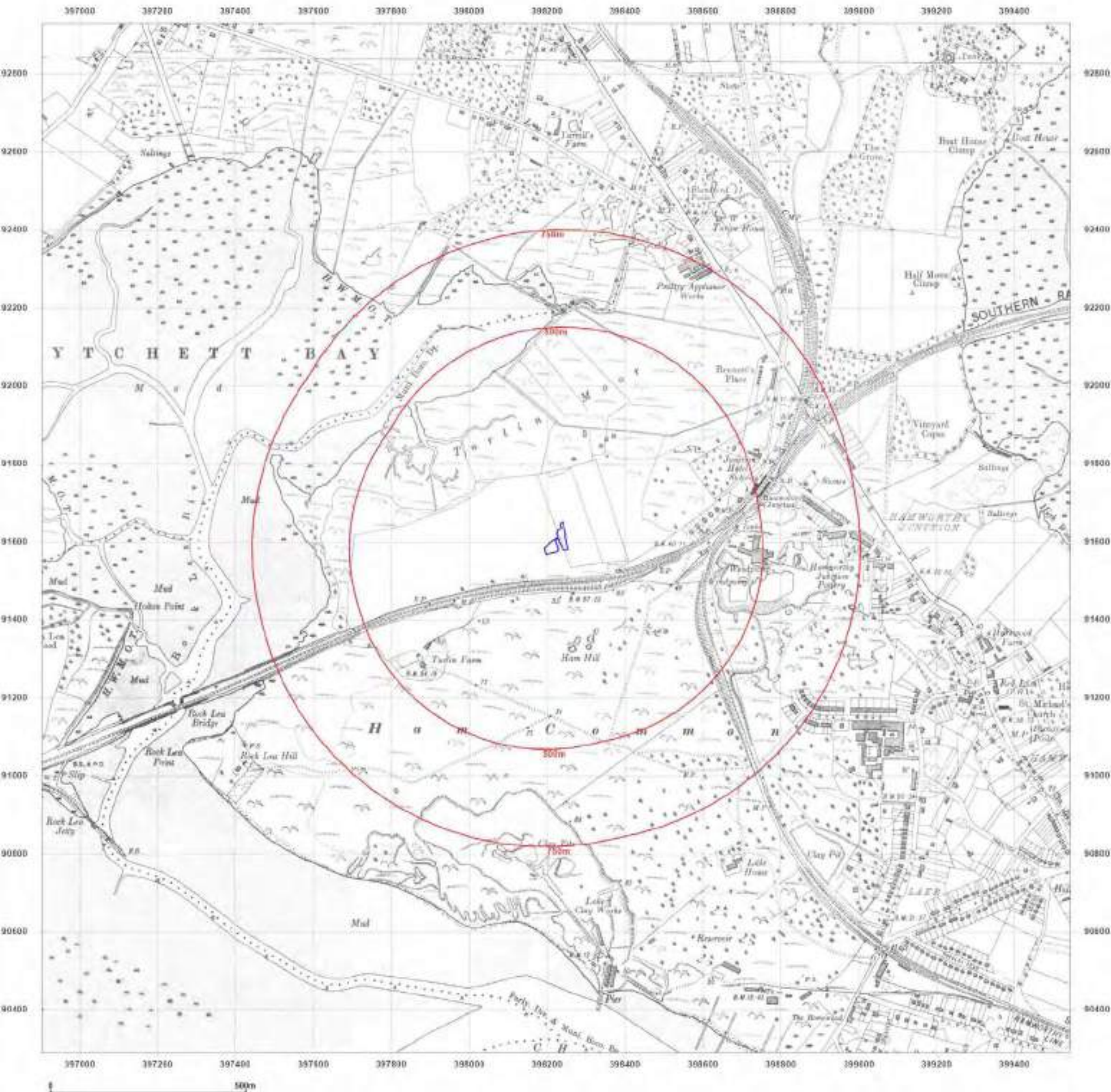
Client Ref: J22-070
Report Ref: GS-9175486
Grid Ref: 398222, 91609

Map Name: County Series

Map date: 1932-1933

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1886
Revised 1933
Edition N/A
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Surveyed 1886
Revised 1932
Edition N/A
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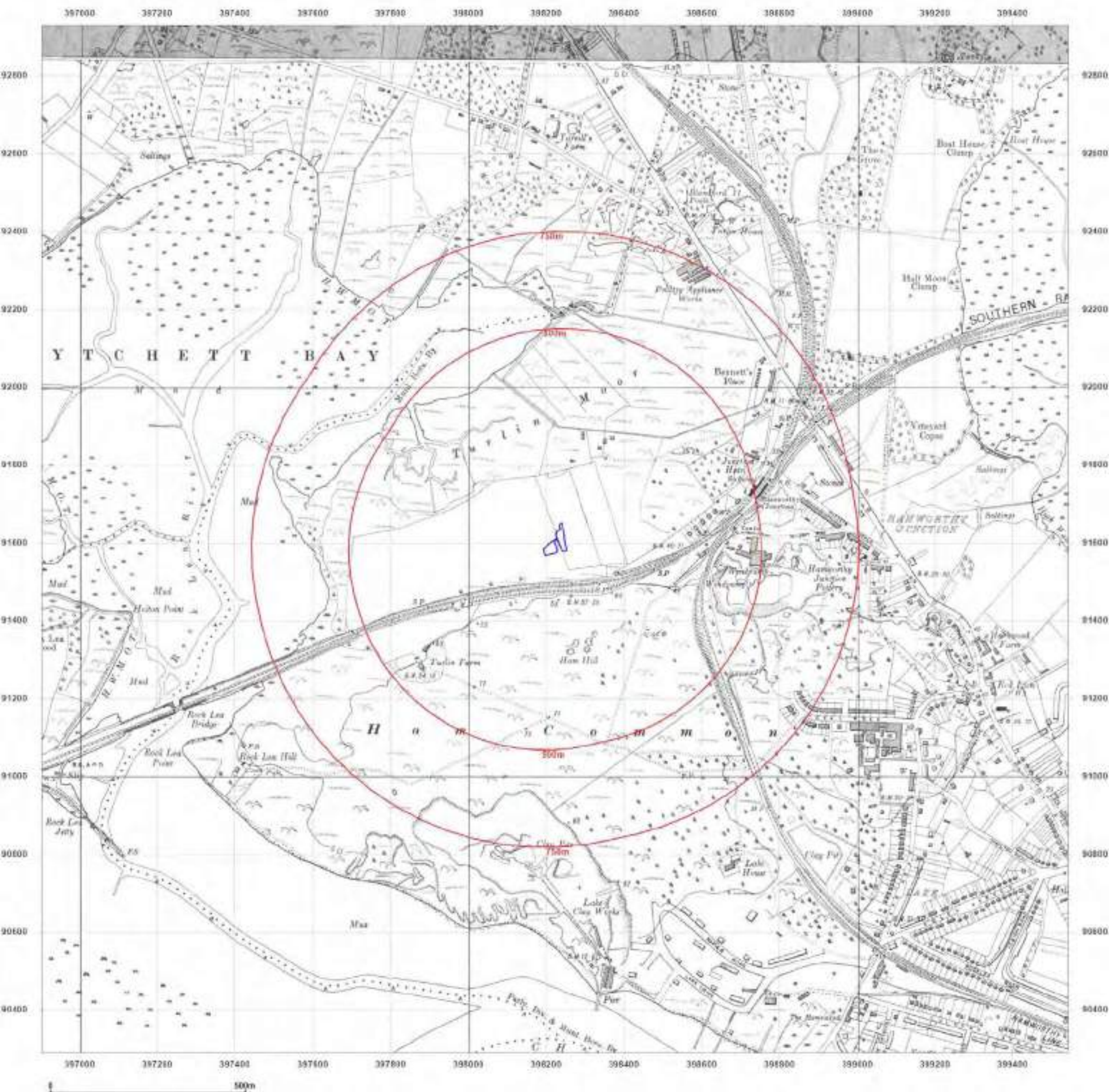
Client Ref: J22-070
Report Ref: GS-9175486
Grid Ref: 398222, 91609

Map Name: County Series

Map date: 1938

Scale: 1:10,560

Printed at: 1:10,560



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Edition 1938
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Surveyed 1886
Revised 1938
Edition N/A
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Client Ref: J22-070
Report Ref: GS-9175486
Grid Ref: 398222, 91609

Map Name: Provisional

Map date: 1963

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1963
Revised 1963
Edition N/A
Copyright N/A
Levelled N/A

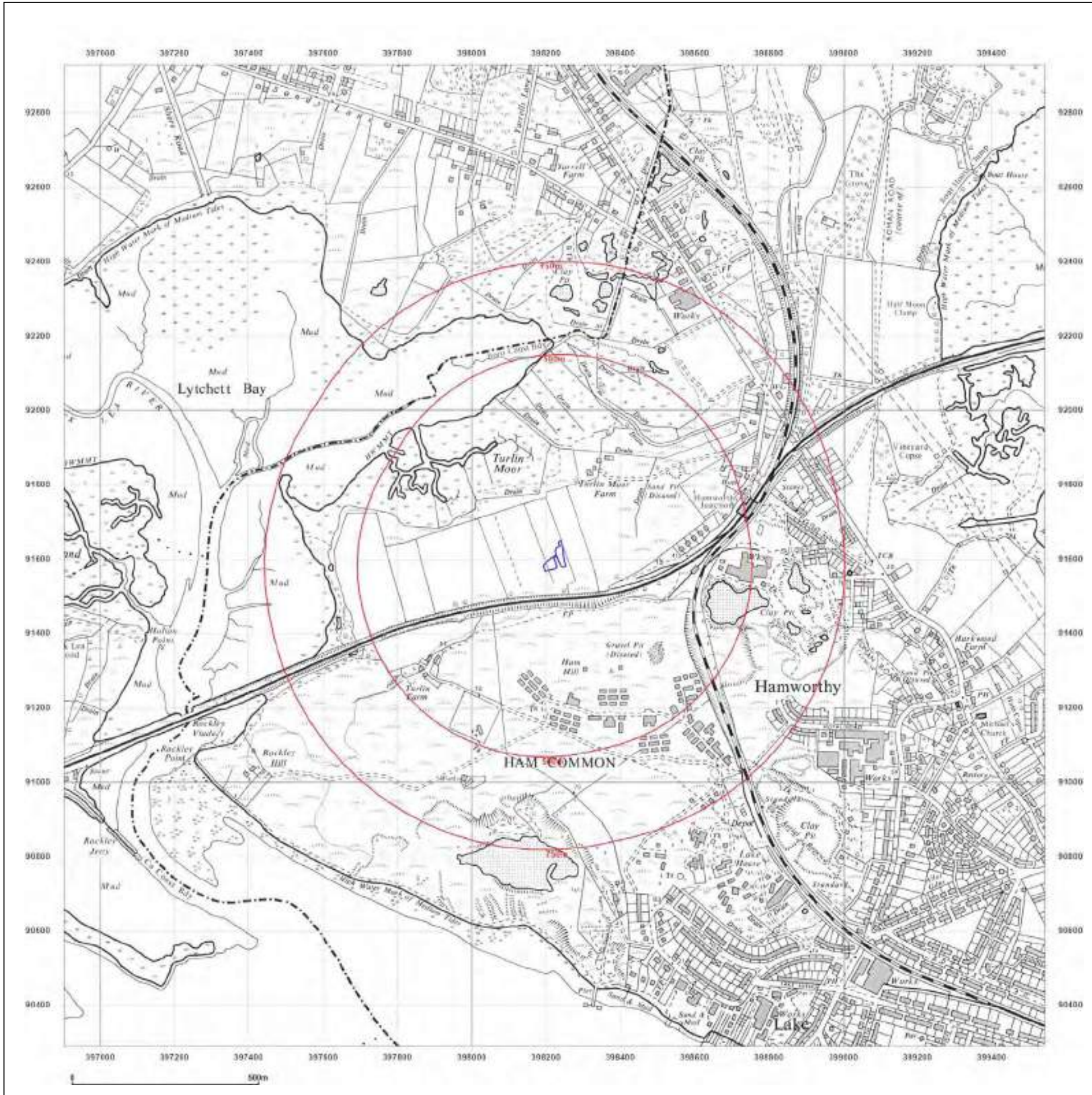


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Client Ref: J22-070
Report Ref: GS-9175486
Grid Ref: 398222, 91609

Map Name: National Grid

Map date: 1978

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1976
Revised 1977
Edition N/A
Copyright 1978
Levelled N/A

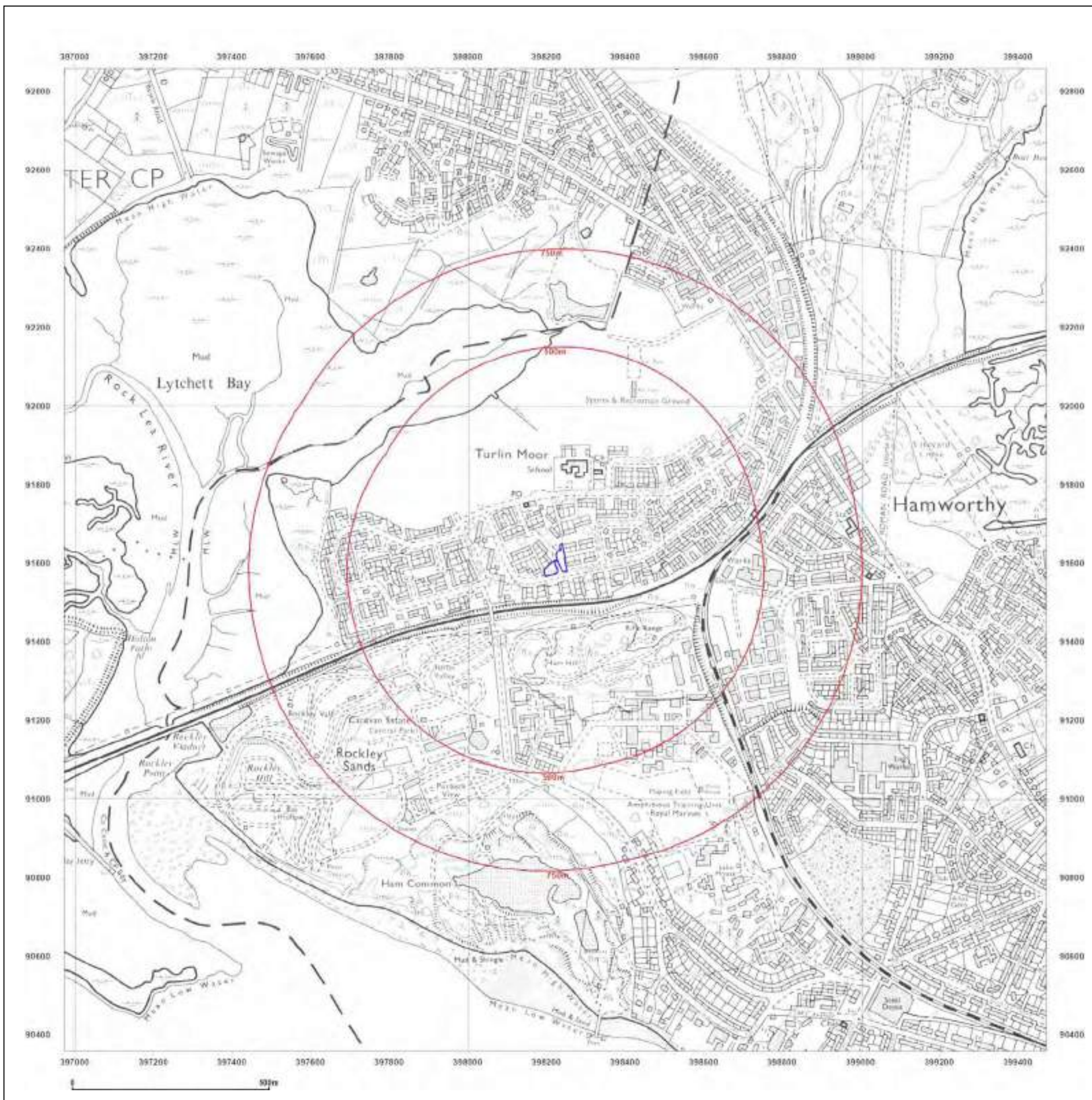


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Client Ref: J22-070
Report Ref: GS-9175486
Grid Ref: 398222, 91609

Map Name: National Grid

Map date: 1984

Scale: 1:10,000

Printed at: 1:10,000



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

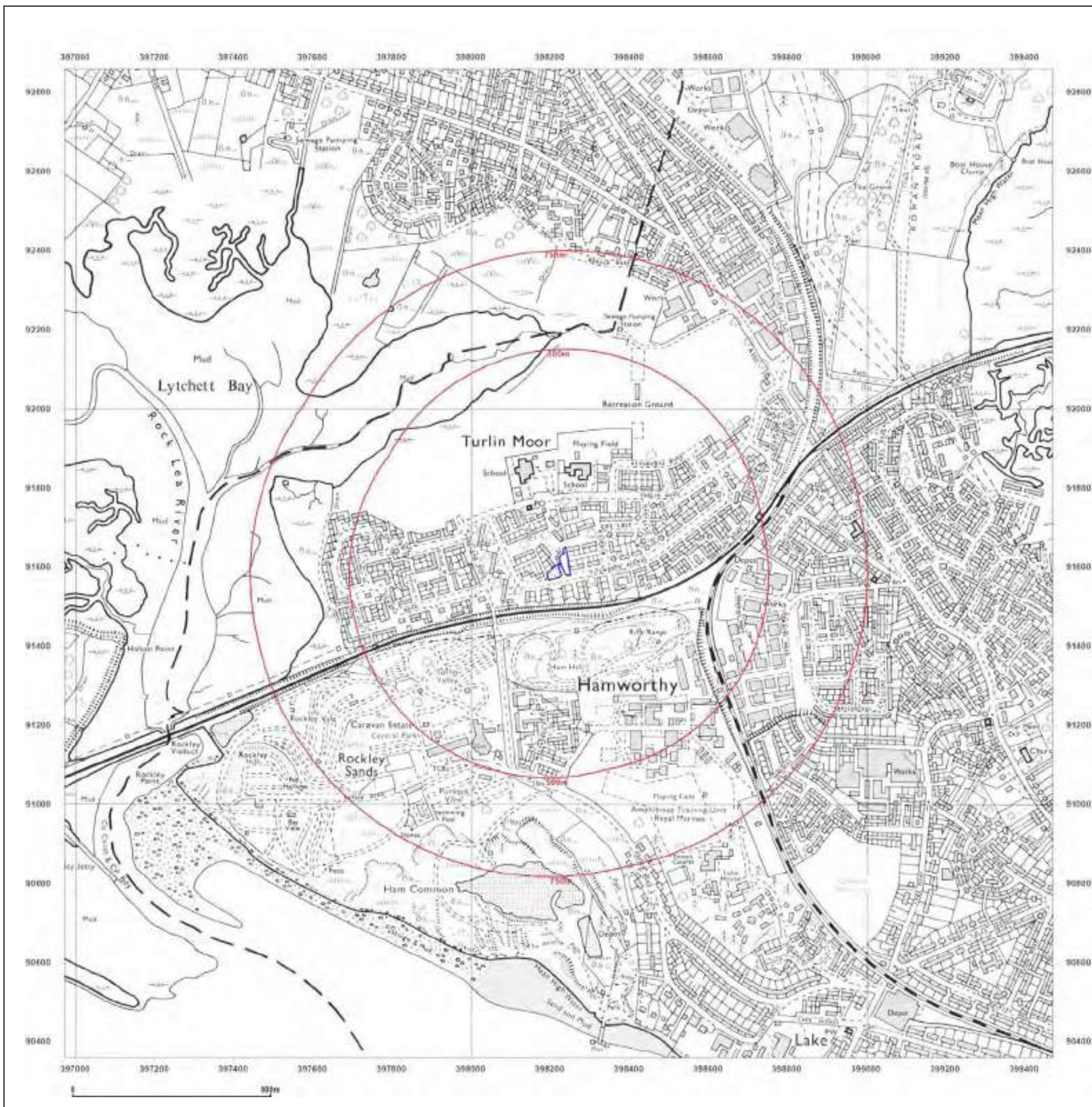


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BH16 5BE

Client Ref: J22-070
Report Ref: GS-9175486
Grid Ref: 398222, 91609

Map Name: National Grid

Map date: 1993

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1984
Revised 1993
Edison N/A
Copyright N/A
Levelled N/A

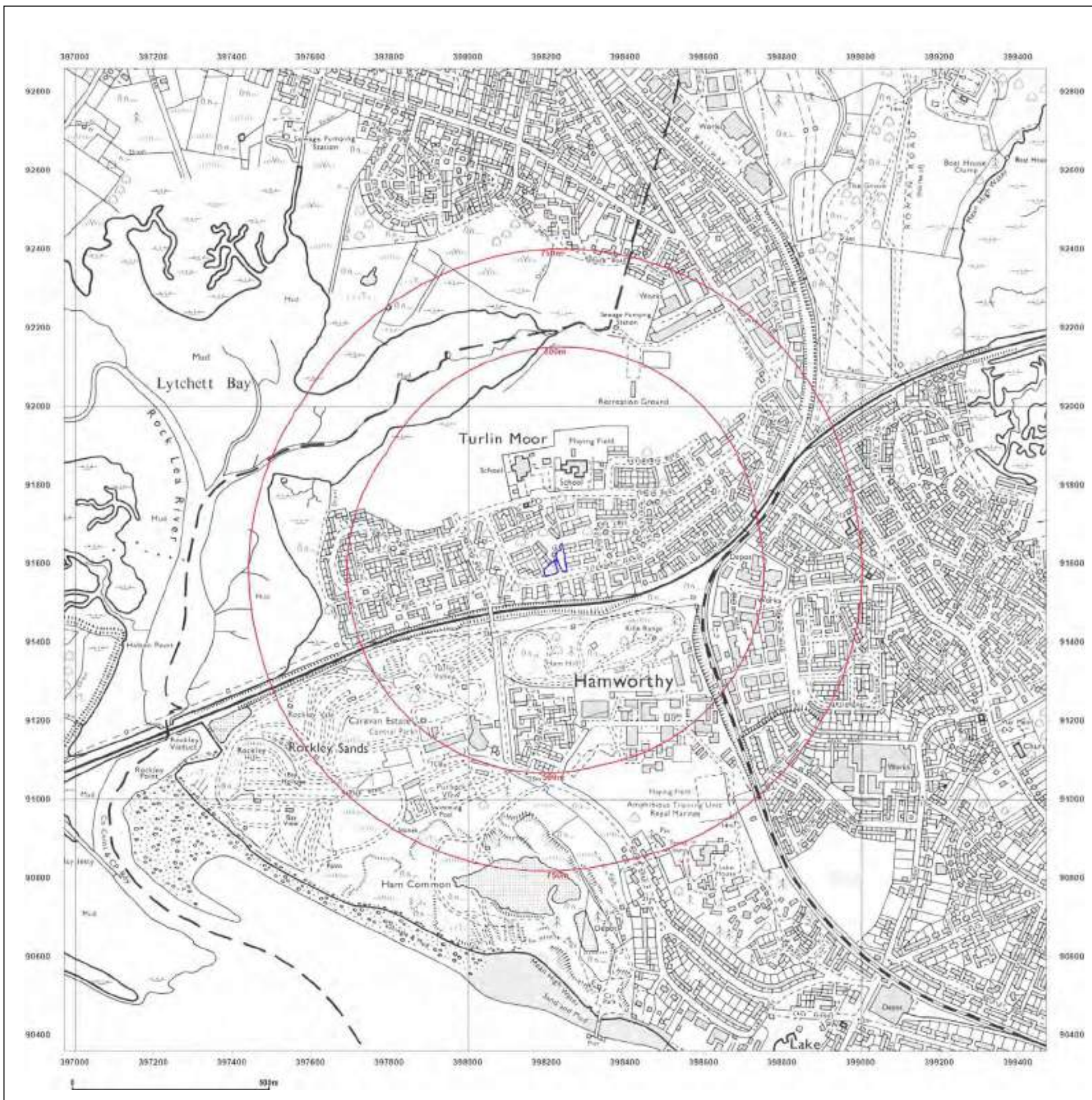


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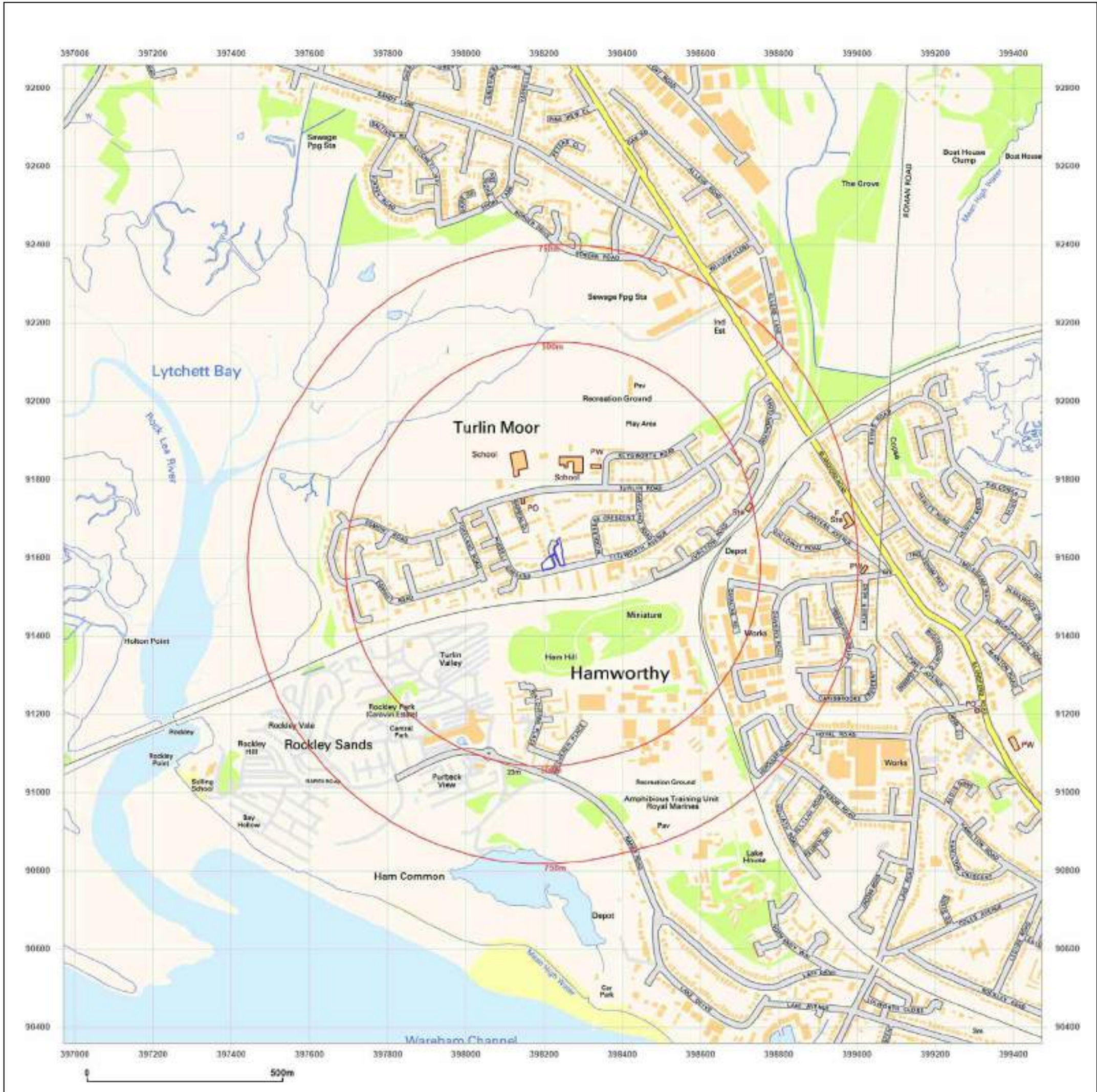
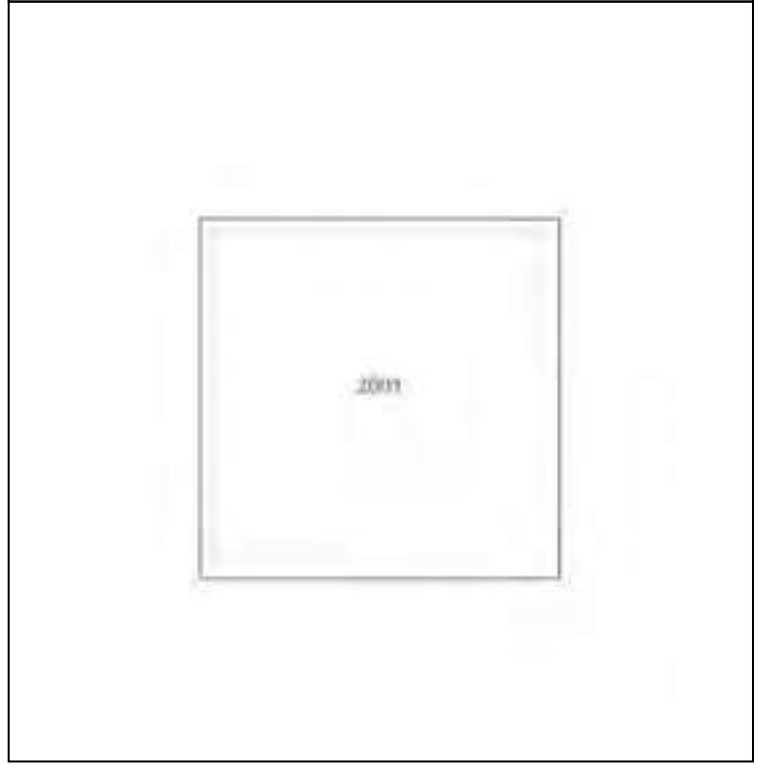
Client Ref: J22-070
Report Ref: GS-9175486
Grid Ref: 398222, 91609

Map Name: National Grid

Map date: 2001

Scale: 1:10,000

Printed at: 1:10,000



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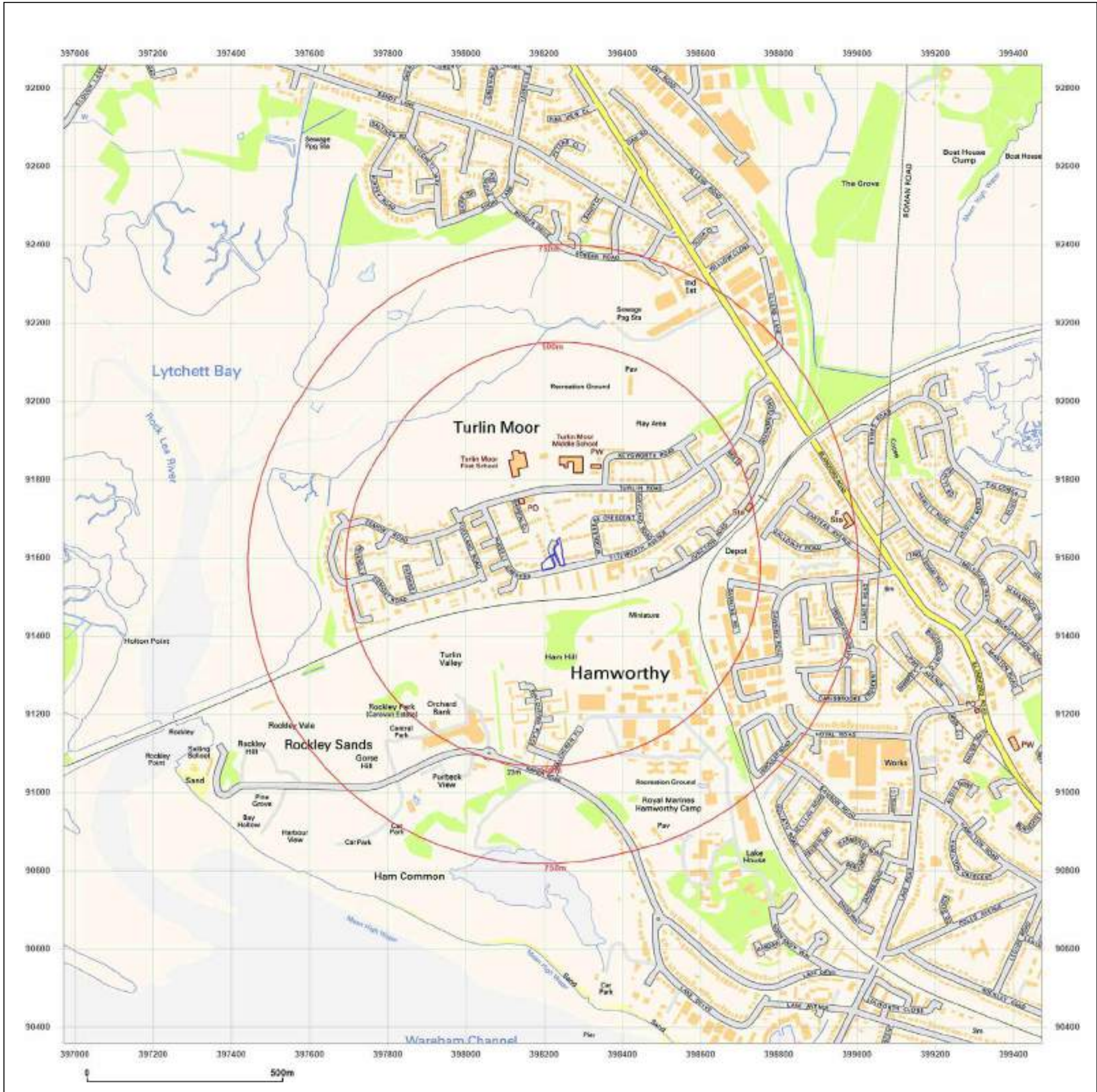
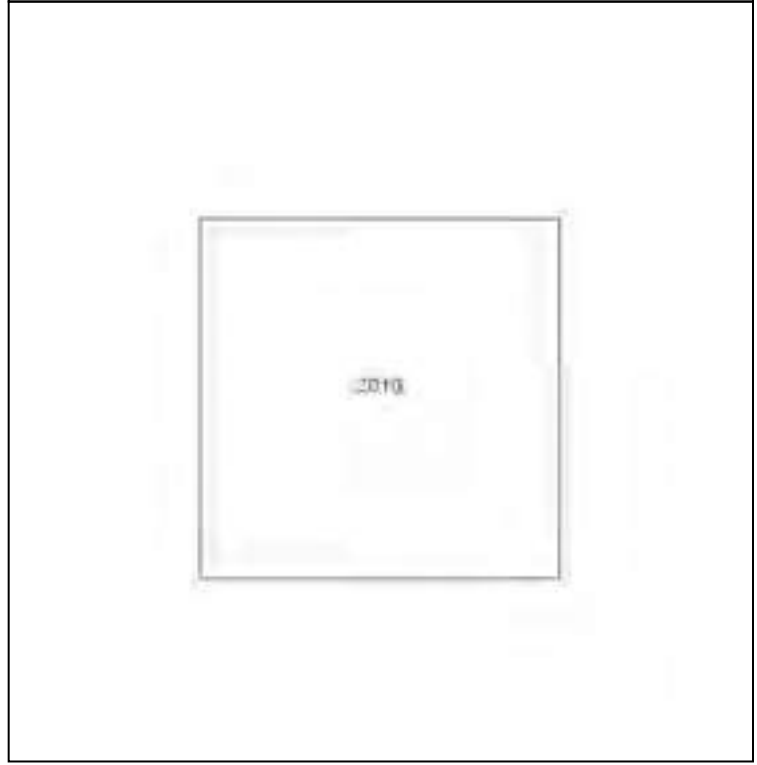
Client Ref: J22-070
Report Ref: GS-9175486
Grid Ref: 398222, 91609

Map Name: National Grid

Map date: 2010

Scale: 1:10,000

Printed at: 1:10,000



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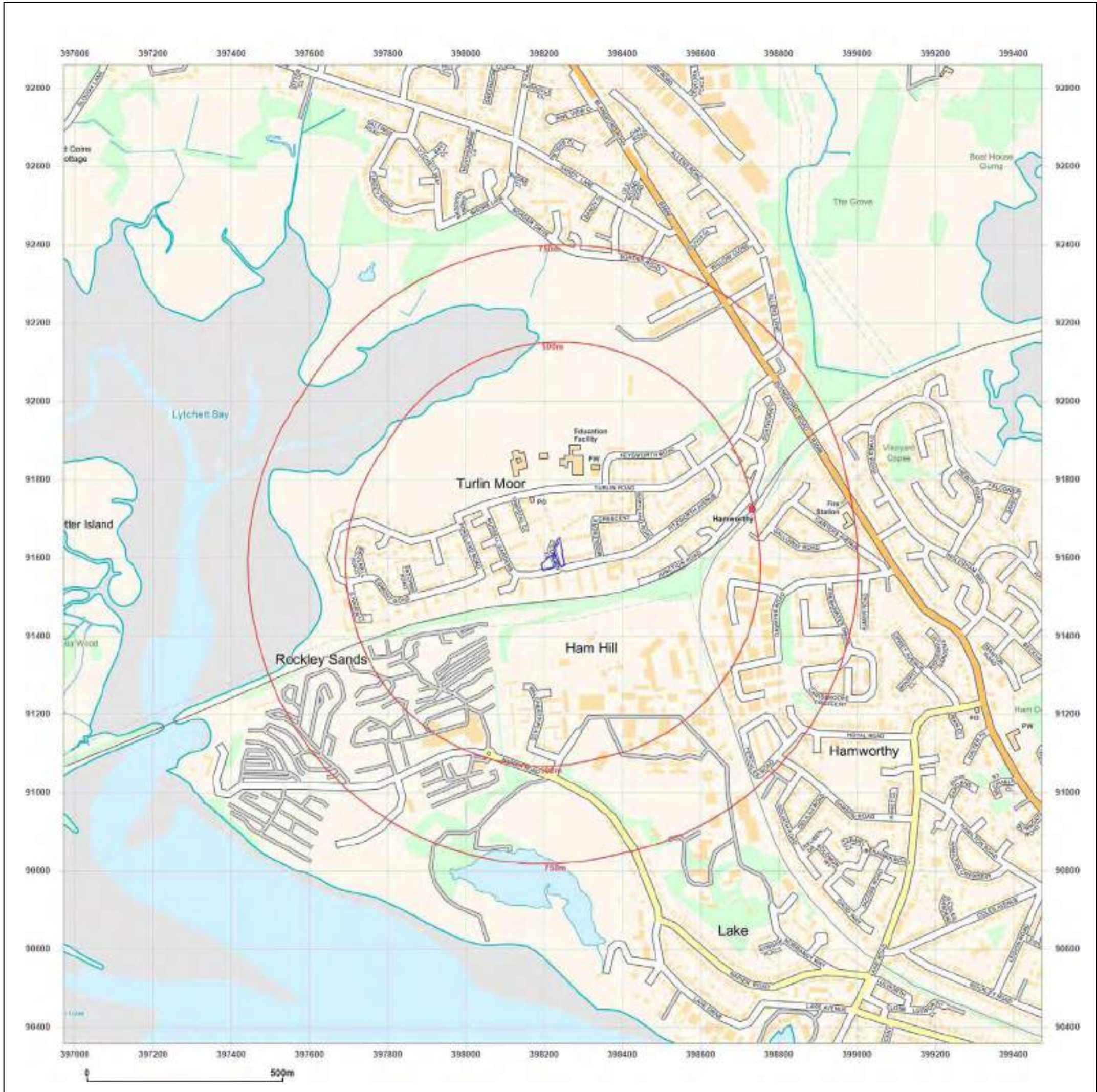
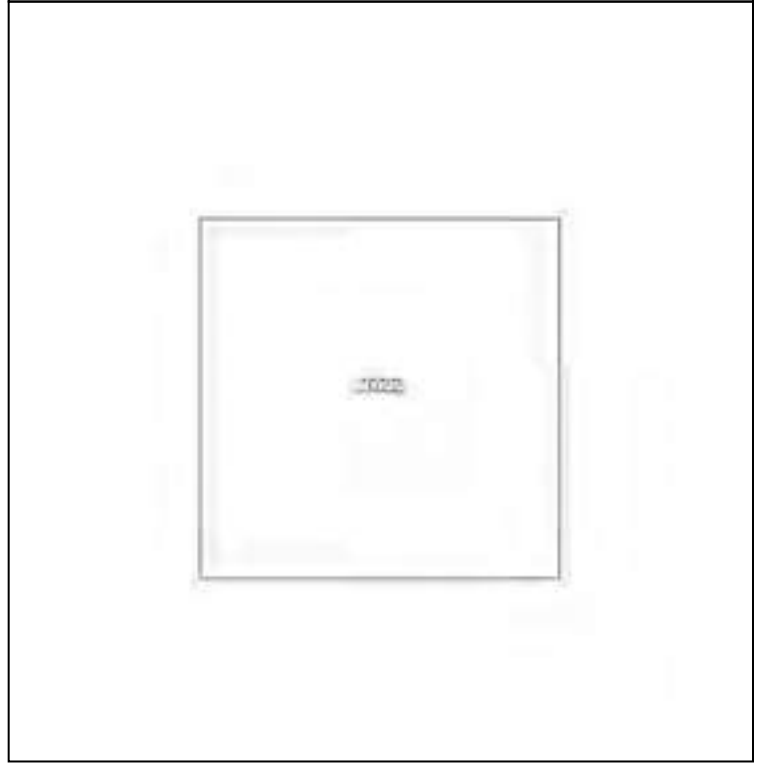
Client Ref: J22-070
Report Ref: GS-9175486
Grid Ref: 398222, 91609

Map Name: National Grid

Map date: 2022

Scale: 1:10,000

Printed at: 1:10,000



Produced by
Groundsure Insights
T: 08444 159000
E: info@groundsure.com
W: www.groundsure.com

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APPENDIX 3: SITE PHOTOGRAPHS







APPENDIX 4: DISCOVERY STRATEGY

Attn: Ground Works Contractors

Redhorn Close – Discovery Strategy

Background

This document presents a brief summary of the actions to be taken if suspected contamination of the soil or groundwater is encountered during the development of the site and follows on from the GCC Desk Top Study dated November 2022.

Evidence of contamination

Evidence of contamination may be in the following forms, although other indicators may be observed.

- Dark staining of the soil
- Ash in soil
- Oily sheen on soil or water
- Tanks and pipework
- Smell of oil/diesel/petrol
- Asbestos containing material fragments
- Large deposits of made ground (e.g. waste deposits)

Actions following identification of evidence of contamination

Contractors encountering evidence of contamination are to report the discovery to the site office/site manager.

- Further development of the potentially contaminated area should cease and Site Manager should contact GCC (ask@groundcc.com) to attend site and assess the implications of the discovered impact.
- GCC will in turn inform the Local Authority and/or the Environment Agency as appropriate.
- Potentially contaminated material is to be left in situ where possible, or stockpiled in bunded areas where it is not possible to leave in situ, until an assessment is complete and appropriate action is agreed with the relevant regulator.
- Potentially contaminated material to be disposed of off site may require further chemical testing.