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Trigon Hill Landfill Site

Site Condition Report

Valencia Waste Management Limited

Report No. K0485-BLP-R-ENV-00002

March 2024

Revision 01



Document Control

Project: Trigon Hill Landfill Site
 Document: Site Condition Report
 Client: Valencia Waste Management Limited
 Report Number: K0485-BLP-R-ENV-00002

Document Checking:

Revision	Revision/ Review Date	Details of Issue	Authorised		
			Prepared By	Checked By	Approved By
00	November 2023	Issued	E Greenhalgh	Claire Finney	John Baxter
01	March 2024	Issued	Jackie Ferguson	John Baxter	John Baxter
<p>Disclaimer: Please note that this report is based on specific information, instructions, and information from our Client and should not be relied upon by third parties.</p>					

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1 Introduction

1.1 Report Objectives

This Site Condition Report (SCR) has been prepared by ByrneLooby Partners (UK) Limited to support a permit variation application by Valencia Waste Management Limited (the Operator) for the addition of a Materials Recycling Facility (MRF) and Metal Recycling activity at Trigon Hill Landfill (the Site). As part of the proposed permit variation, it is proposed to extend the existing permit boundary to incorporate land on which the MRF will be located.

This report has been produced in accordance with the Environment Agency H5 Site Condition Report Guidance (LIT 8001 Version 3.0 April 2013) using the H5 template¹. A Groundsure Report is provided for the Site at Appendix A. No site investigation has been undertaken as part of this SCR.

A SCR was completed as part of the Environmental Setting and Installation Design (ESID)² for Trigon Hill Landfill Site but only for the areas not comprising permanent deposits of waste. A SCR is being submitted as part of this permit variation application and will only consider the land for the MRF.

¹ [Environmental permitting: H5 Site condition report - GOV.UK \(www.gov.uk\)](https://www.gov.uk/guidance/environmental-permitting-h5-site-condition-report)

² SLR (2005) Trigon Landfill: PPC Application, Section A – Environmental Setting and Installation Design, referenced SLR 4B-036-102/ESID, dated June 2005

2 Site Condition Report

2.1 H5 Section 1

1.0 SITE DETAILS	
Name of the applicant	Valencia Waste Management Limited
Activity address	Trigon Hill Landfill Site, Bere-Regis to Wareham Road, Near Wareham, Dorset, BH20 7PB
National grid reference	SY8960089400
Document reference and dates for Site Condition Report at permit application and surrender	K0485-BLP-R-ENV-00002
Document references for site plans (including location and boundaries)	K0485/1/001 – Permit Boundary Plan

2.2 H5 Section 2

2.0 CONDITION OF THE LAND AT PERMIT ISSUE	
<p>Environmental setting including:</p> <p>geology hydrogeology surface waters</p>	<p>Geology</p> <p>The 2005 ESID² stated that regional geology for the site is comprised of Tertiary Deposits unconformably overlying the Cretaceous Chalk, folded in the Wareham Basin.</p> <p>Information published by the British Geological Society (BGS) indicates that superficial deposits are absent beneath the site, however river terrace deposits and head-diamicton are located in close proximity.</p> <p>The bedrock comprises mudstone of the Parkstone Clay Member – Clay (part of the Poole Formation).</p> <p>The landfill appears to be located on the Broadstone Clay Member (clay, silty) and the overlying Branksome Sand Formation.</p> <p>According to the 2005 ESID, the following site investigations were undertaken across the site which helped inform the local geology:</p> <ul style="list-style-type: none"> • 1974 – 1985 – ECCI installed six boreholes • April 1998 – investigation to locate bally clay horizon utilising 72 boreholes by ECCI (BH112- BH230) • February – April 1998 – groundwater monitoring boreholes installed at eight locations around the perimeter of the site with 2 boreholes installed per location (one in the Branksome Sand (BS1-BS8) and the other in the underlying Poole Formation (PF1-PF8)). • February 1999 – laboratory testing undertaken on clay samples obtained from eight shallow trial pits (TP1 to TP8) <p>These site investigations have not been provided, however a summary of that reported as part of the 2005 ESID have been provided below.</p> <p>The superficial deposits within the wider site (MRF and Landfill) found that isolated areas identified the presence of discontinuous thin (1m) head deposits located to the north and south of the quarry. River Terrace deposits were recorded up to 3.8m to the northwest of the quarry in two borehole logs.</p> <p>The Branksome Sand were primarily removed from higher elevations at site via erosion with only a limited number of outcrops notes at lower elevations (Little Trigon Hill and Trigon Hill to the southeast and northwest). Quarrying activities near Little Trigon Hill and resulted in the extraction of the Branksome Sand Formation. Branksome Sand was encountered in thicknesses of up to 7.5m at Trigon Hill.</p> <p>The Poole Formation bedrock comprises alternating clay and sand comprised of:</p> <ul style="list-style-type: none"> • Parkstone Clay – c.15m • Broadstone Clay and Broadstone Sand – c.30m • Oakdale Clay and Oakdale Sand – c.25m • Creekmoor Clay and Creekdale Sand – c.15m <p>Clay has been primarily extracted from the Parkstone Clay and Broadstone clay.</p> <p>The thickness of the Poole Formation has been estimated approximate at 60m based on an exploratory borehole log to the</p>

	<p>southeast of the quarry. The 2005 ESID² estimated around 85m (-50mOD) of the Poole Formation based on correlation between the borehole logs from the site and the exploratory log.</p> <p>Hydrogeology There are no superficial aquifers onsite. The bedrock aquifer is unproductive and described as 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 Source Protection Zone (SPZ), the closest SPZ3 is 4.5km northwest. There are no groundwater, surface water or potable abstractions. The Lower Frome and Piddle groundwater body is recorded onsite with an overall rating of poor.</p> <p>Hydrology Trigon Hill Landfill is located immediately west of the Site and has a number of surface water features. The nearest surface water is a drain located 98m east northeast to southwest. A pond is located 217 m northeast. The Piddle (Lower) river is located 1,090m southwest and Wareham Forest Stream located 1,674m north and both are within the operational catchment of Poole Harbour Rivers. The Site does not lie within a Flood Zone and surface water flooding is considered negligible.</p>
<p>Pollution history including: pollution incidents that may have affected land historical land-uses and associated contaminants any visual/olfactory evidence of existing contamination evidence of damage to pollution prevention measures</p>	<p>Site History The earliest recorded map dated 1886 shows an Old Clay Pit was located onsite. By 1900-1902 a pond was recorded on the western boundary of the Site. In 1985-1987 a road runs through the Site. In 2001 the pond on the western boundary is no longer present and a pond is present in the northwestern corner but by 2010 this pond is also no longer present. In 2010 the road is no longer present.</p> <p>In 1886 the surrounding landscape is agricultural / woodland. In 1928 Little Trigon Hill Plantation is located to the southwest and by 1953 Little Trigon Hill Clay Mine is also located to the southwest. In 1953 Wareham Forest Way is located to the east. In 1985-1987, a drain is located to the east of Wareham Forest Way, and Little Trigon Hill Clay Mine is no longer present and only a pond is recorded. In 2010 the closest residential receptors are first recorded 480m east northeast to east of the Site. In 2017 a solar farm is located to the east of the Site.</p> <p>According to the 2005 ESID² for the landfill by 1930, an old brick kiln is visible to the south of the site with mineral workings noted along the northeast.</p> <p>Potential Pollution The Site has historical industrial land uses. Between 1887 to 1963, a clay pit, unspecified heap and ground workings are recorded. According to BGS, Cold Harbour Heath was located onsite and was a surface mineral working. It may be termed quarry, sand pit, clay pit or opencast coal site and has ceased to extract minerals. Trigon Pit is located to the west and northwest, Carey Heath located to the south and southwest, and Trigon Hill Mine located to the northeast of the Site. For further information regarding Clay Mining Groundsure recommends obtaining a Clay Mining report.</p>

	<p>A licenced discharge to controlled water consent is located 468m west of the Site and is operated by Trigon Ball Clay Works. The consent allows trade discharges from mineral working to a tributary of the river piddle. One pollution incident has been recorded 258m west of the Site relating to general biodegradable material or waste. The Trigon Hill Landfill permit was issued in 2006 and has subsequently been varied. A number of pollution inventory substances and waste transfers are recorded at Trigon Hill Landfill.</p> <p>The 2005 ESID² noted the following locations where there were potentially polluting substances stored associated with the permit:</p> <ul style="list-style-type: none"> • Wheel cleaner (water with suspended solids) • Waste reception and weighbridge (waste) • Fuel storage area (fuel oil) • Landfill gas control compound (grease and condensate oils) • Leachate control compound (leachate) • Street sweeping bay (waste) <p>It is understood that all of the above are not associated with the extension area of land proposed for the MRF. The location of these are detailed on drawing ESID4B.</p>
<p>Evidence of historic contamination, for example, historical site investigation, assessment, remediation and verification reports (where available)</p>	<p>Not made available</p>
<p>Baseline soil and groundwater reference data</p>	<p>According to the 2005 ESID², the surface water quality obtained from the River Piddle at numerous locations and Binnegar Brook was generally rated as either A or B for chemical status in 2001 and A for biological status in 2000.</p> <p>The 2005 ESID² referenced data obtained in May, June and July 1998 from both the Poole Formation and the Branksome Sand. According to the 2005 ESID, the data indicated that groundwater quality within the Poole Formation was of good quality, with chloride, ammoniacal-nitrogen and most of the electrical conductivity recorded below the Drinking Water Standards (DWS). However, a number of substances including lead, manganese, sodium, iron and cadmium did exceed the DWS².</p> <p>Chloride concentrations were noted as being higher in the upper sands in comparison to the underlying sand units².</p>
<p>Supporting information</p>	<p>Source information identifying environmental setting and pollution incidents Historical Ordnance Survey plans Site reconnaissance Historical investigation / assessment / remediation / verification reports Baseline soil and groundwater reference data</p>

2.3 H5 Section 3

3.0 Permitted activities	
Permitted activities	<p>It is proposed to extend the existing Trigon Hill Landfill Site permit boundary to incorporate land on which a Material Recycling Facility (MRF) will be located.</p> <p>The MRF will accept non-hazardous commercial and industrial waste with an annual throughput of 250,000 tonnes. Treatment activities will be limited to physical treatment including manual sorting, separation, screening, baling, crushing, shredding, compaction and blending. The MRF will also include metal recycling.</p> <p>The following R codes are proposed for inclusion:</p> <ul style="list-style-type: none"> • R3: Recycling /reclamation of organic substances which are not used as solvents (MRF) • R4: Recycling/reclamation of metals and metal compounds (MRF & Metal Recycling) • R5: Recycling/ reclamation of other inorganic compounds • R13: Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary Storage, pending collection, on the site where it is produced) (MRF)
Non-permitted activities undertaken	N/A
Document references for: <ul style="list-style-type: none"> • plan showing activity layout; and • environmental risk assessment. 	K0485/1/001– Site Layout Plan K0485/1/002 & K0485/1/003 – Sensitive Receptor Plan Environmental Risk Assessment (reference: K0485-BLP-R-ENV-00004)

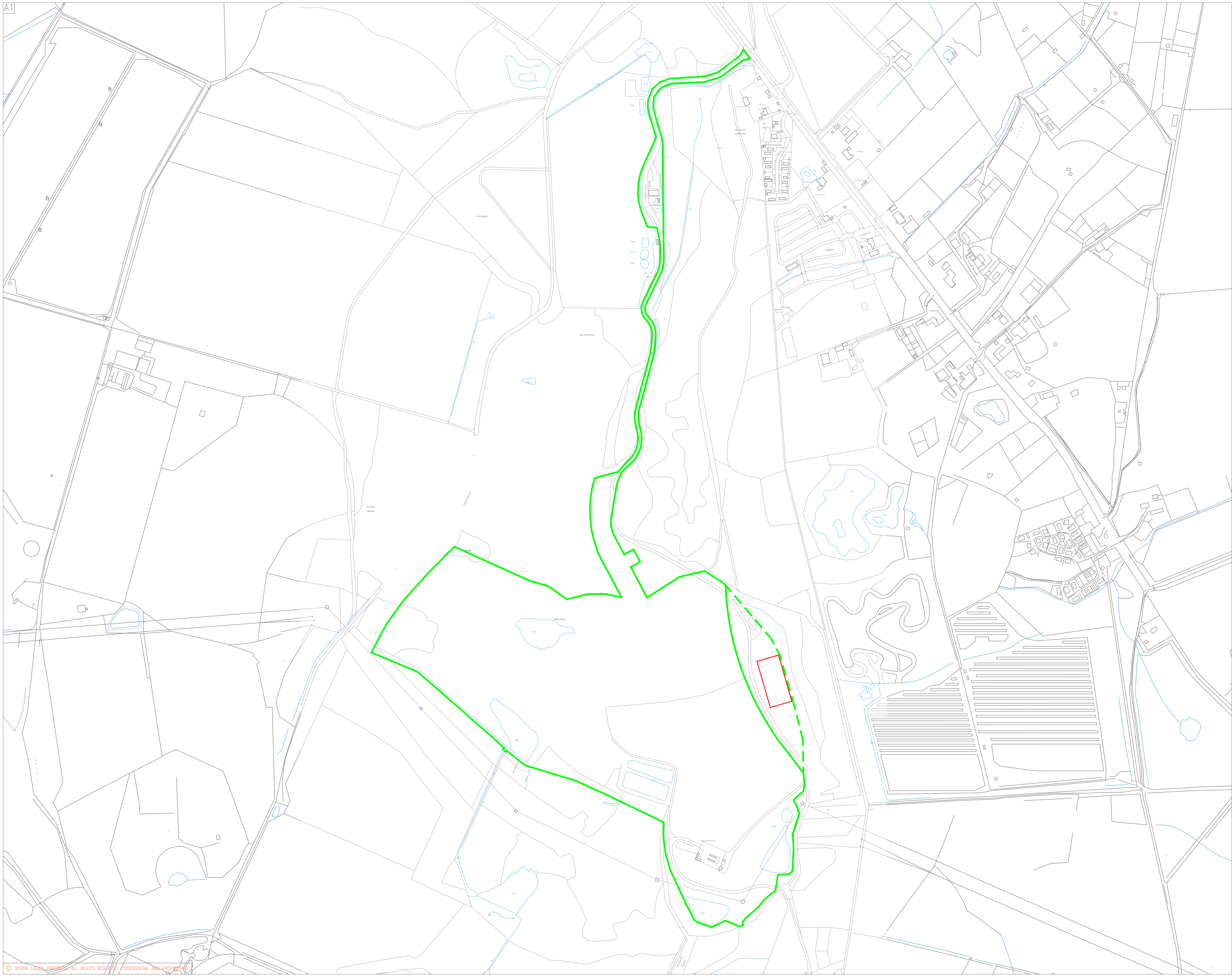
Drawings

LEGEND

- 1. DO NOT SCALE
- 2. ALL DIMENSIONS ARE IN MILLIMETRES AND ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM
- 3. ANY ANOMALIES ON THIS DRAWING ARE TO BE BROUGHT TO THE ATTENTION OF BYRNE LOOBY LTD

KEY

- PERMIT BOUNDARY PLAN
- PROPOSED MRF LOCATION
- - - PROPOSED EXTENSION TO THE PERMIT BOUNDARY



Rev	Date	Description	By	Chk	App

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CLIENT
 Valencia Waste Management Limited

PROJECT
 TRIGON

DRAWING TITLE
 PERMIT BOUNDARY PLAN

STATUS
 FINAL

Date: 02.11.23	Scale: 1:3000	Drawn: JM	Chk: GH	App: JB
Project No: K0483	Dwg. No: K0485.1.001			



- LEGEND
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- KEY
- PERMIT BOUNDARY
 - PROPOSED BOUNDARY
 - 2K BUFFER ZONE
 - PROPOSED MRF LOCATION
 - RECEPTOR MARKER

Rev	Date	Description	By	CHK	APP
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CLIENT
 Valencia Waste Management Limited

PROJECT
 TRIGON

DRAWING TITLE
 2K SENSITIVE RECEPTOR PLAN

STATUS
 FINAL

Date: 02.11.23	Scale: 1:7500	Drawn: JM	Check: GH	App: JB
Project No: K0485	Drw. No: K0485.1.002			Rev: 00



LEGEND

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- KEY
- PERMIT BOUNDARY
 - - - - PROPOSED BOUNDARY
 - 10K BUFFER ZONE
 - PROPOSED MRF LOCATION
 - 4 RECEPTOR MARKER

Rev	Date	Description	By	Chk	App

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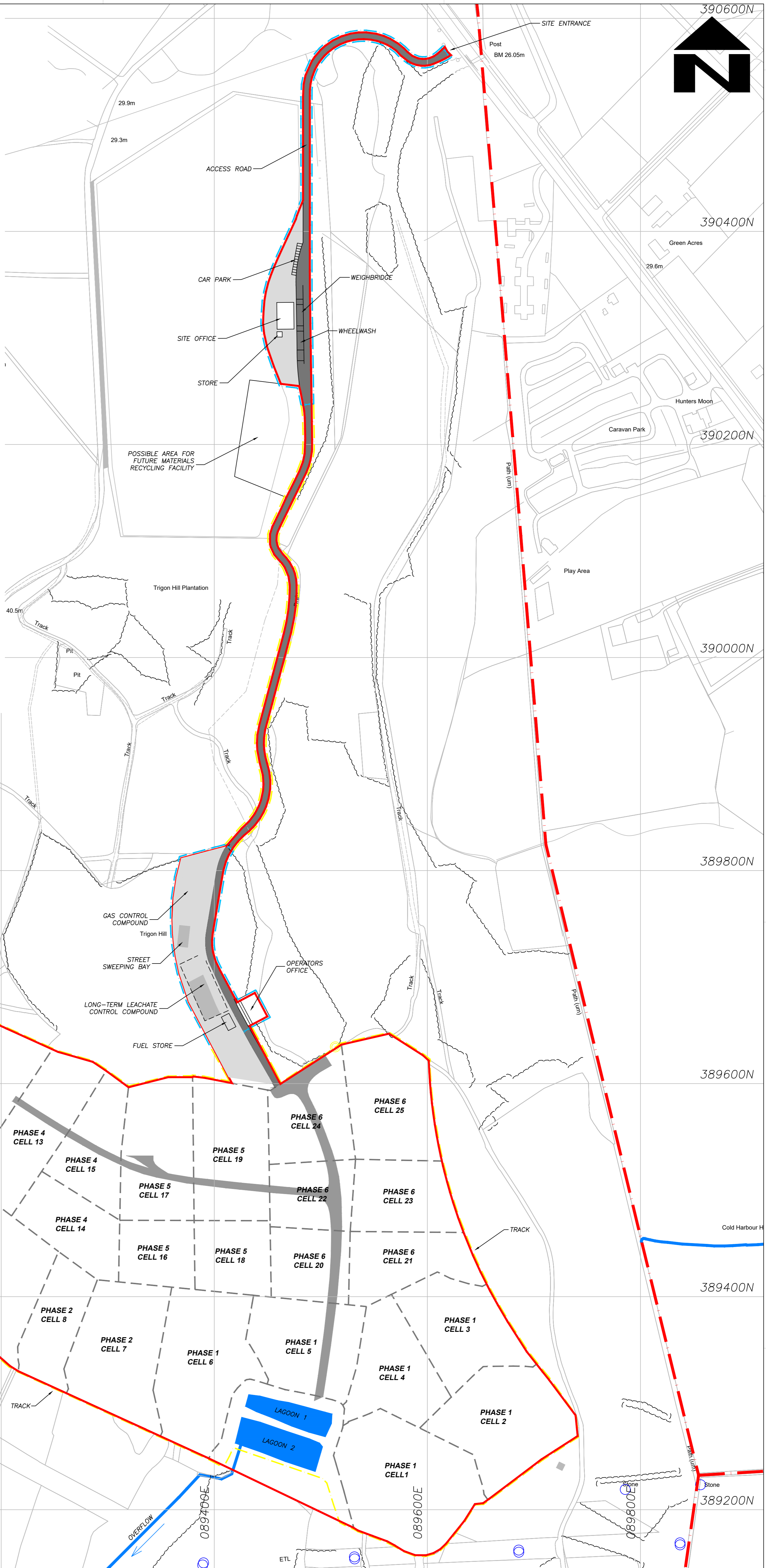
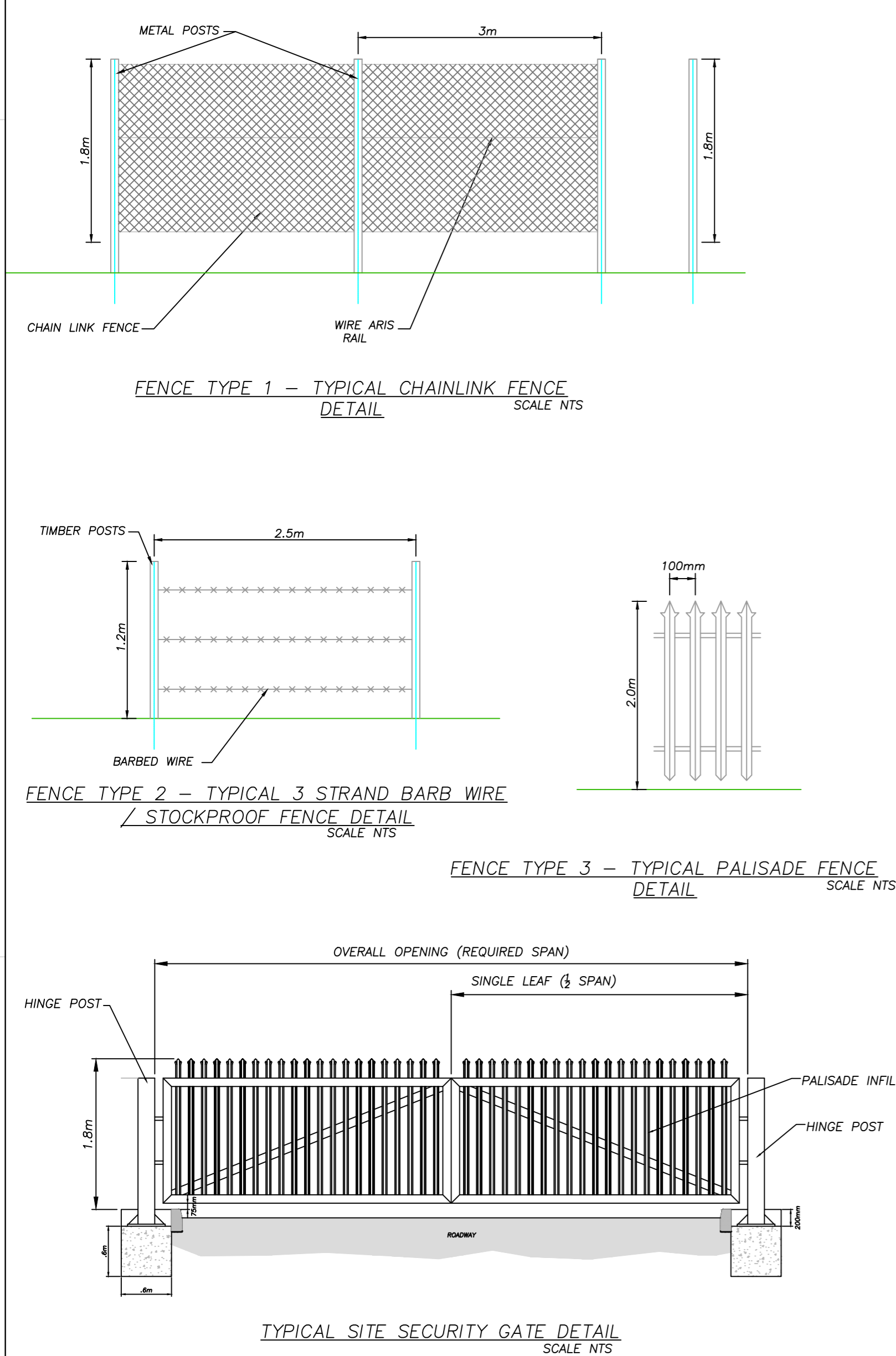
CLIENT
 Valencia Waste Management Limited

PROJECT
 TRIGON

DRAWING TITLE
 10K SENSITIVE RECEPTOR PLAN

STATUS
 FINAL

Date: 02.11.23	Scale: 1:35000	Drawn: JM	Chk: GH	App: JB
Project No.: K0485	Dwg. No.: K0485.1.003	Rev: 00		



NOTES

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- FENCELINE OFFSET FROM BOUNDARY FOR CLARITY.

KEY

	PPC INSTALLATION BOUNDARY		PROPOSED HARDCORE SURFACE
	INDICATIVE CELL BOUNDARIES		PROPOSED CONCRETE SLAB
	SURFACE WATER BODIES		
	PUBLIC FOOTPATH/BRIDLEWAY		
	PROPOSED FENCE TYPE 1		
	PROPOSED FENCE TYPE 2		
	PROPOSED FENCE TYPE 3		
	PROPOSED TARMAC SURFACE		
	PROPOSED INTERNAL HAUL ROAD		

Viridor
WASTE MANAGEMENT

Site: TRIGON LANDFILL
Project: PPC APPLICATION
Drawing: Site Infrastructure and Security
Date: JUNE 2005
Scale: 1:2,000 PLAN
Drawing No: ESID4b

402/0036/00153 TRES04S&S0 48/MR

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ROWDEN LANE
BRADFORD-ON-AVON
WILTS. BA15 2AQ
T: 01225 309400
F: 01225 309401
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Revision	Issue Date	Issue By	Comments
0	JUN 2005	NR	

Appendix A – Groundsure Report

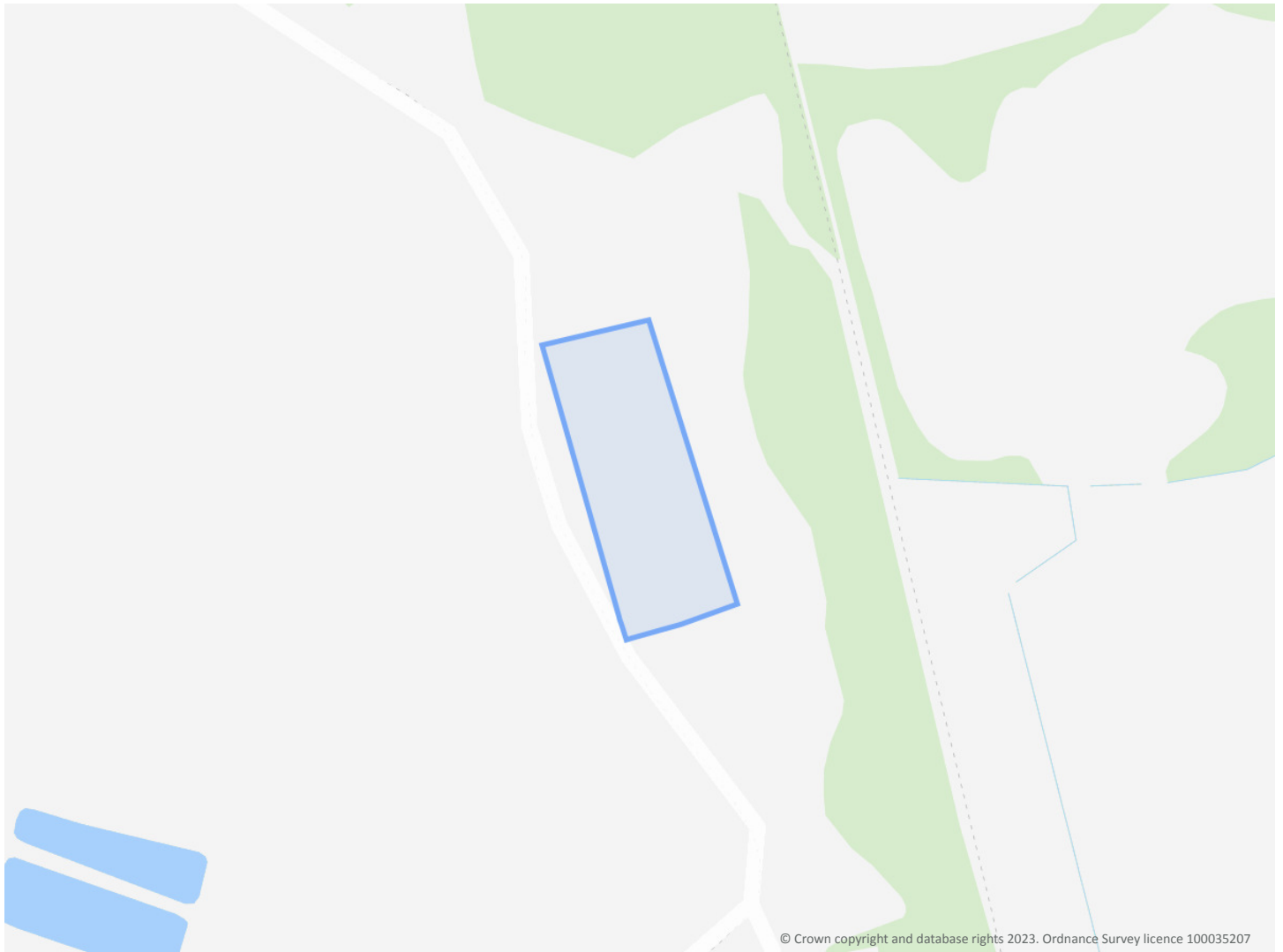
389683 , 089435,

Order Details

Date: 04/08/2023
Your ref: K0485_Trigon_MRF_PO142672
Our Ref: GS-K21-8B7-QSC-G5G

Site Details

Location: 389689 089441
Area: 0.61 ha
Authority: [Dorset Council](#) ↗



Summary of findings

[p. 2 >](#)

Aerial image

[p. 9 >](#)

OS MasterMap site plan

[p.14 >](#)

groundsure.com/insightuserguide ↗

Contact us with any questions at:

info@groundsure.com ↗

01273 257 755

Summary of findings

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
15 >	1.1 >	Historical industrial land uses >	6	0	9	10	-
17	1.2	Historical tanks	0	0	0	0	-
17	1.3	Historical energy features	0	0	0	0	-
17	1.4	Historical petrol stations	0	0	0	0	-
17	1.5	Historical garages	0	0	0	0	-
18	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
19 >	2.1 >	Historical industrial land uses >	7	0	9	12	-
21	2.2	Historical tanks	0	0	0	0	-
21	2.3	Historical energy features	0	0	0	0	-
21	2.4	Historical petrol stations	0	0	0	0	-
21	2.5	Historical garages	0	0	0	0	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
22 >	3.1 >	Active or recent landfill >	0	1	0	0	-
23	3.2	Historical landfill (BGS records)	0	0	0	0	-
23	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
23	3.4	Historical landfill (EA/NRW records)	0	0	0	0	-
23	3.5	Historical waste sites	0	0	0	0	-
23 >	3.6 >	Licensed waste sites >	0	0	2	0	-
24	3.7	Waste exemptions	0	0	0	0	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
25 >	4.1 >	Recent industrial land uses >	0	0	1	-	-
26	4.2	Current or recent petrol stations	0	0	0	0	-
26	4.3	Electricity cables	0	0	0	0	-
26	4.4	Gas pipelines	0	0	0	0	-
26	4.5	Sites determined as Contaminated Land	0	0	0	0	-



26	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
27	4.7	Regulated explosive sites	0	0	0	0	-
27	4.8	Hazardous substance storage/usage	0	0	0	0	-
27	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
27 >	4.10 >	<u>Licensed industrial activities (Part A(1)) ></u>	0	0	18	0	-
30	4.11	Licensed pollutant release (Part A(2)/B)	0	0	0	0	-
30	4.12	Radioactive Substance Authorisations	0	0	0	0	-
30 >	4.13 >	<u>Licensed Discharges to controlled waters ></u>	0	0	0	1	-
31	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
31	4.15	Pollutant release to public sewer	0	0	0	0	-
31	4.16	List 1 Dangerous Substances	0	0	0	0	-
31	4.17	List 2 Dangerous Substances	0	0	0	0	-
32 >	4.18 >	<u>Pollution Incidents (EA/NRW) ></u>	0	0	0	1	-
32 >	4.19 >	<u>Pollution inventory substances ></u>	0	0	2	0	-
34 >	4.20 >	<u>Pollution inventory waste transfers ></u>	0	0	1	0	-
34	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	<u>Hydrogeology ></u>	On site	0-50m	50-250m	250-500m	500-2000m
36 >	5.1 >	<u>Superficial aquifer ></u>	Identified (within 500m)				
38 >	5.2 >	<u>Bedrock aquifer ></u>	Identified (within 500m)				
40 >	5.3 >	<u>Groundwater vulnerability ></u>	Identified (within 50m)				
41	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
41	5.5	Groundwater vulnerability- local information	None (within 0m)				
42 >	5.6 >	<u>Groundwater abstractions ></u>	0	0	0	0	7
44 >	5.7 >	<u>Surface water abstractions ></u>	0	0	0	0	14
47	5.8	Potable abstractions	0	0	0	0	0
48	5.9	Source Protection Zones	0	0	0	0	-
48	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	<u>Hydrology ></u>	On site	0-50m	50-250m	250-500m	500-2000m
49 >	6.1 >	<u>Water Network (OS MasterMap) ></u>	0	0	9	-	-



50 >	6.2 >	Surface water features >	0	0	10	-	-
51 >	6.3 >	WFD Surface water body catchments >	2	-	-	-	-
51 >	6.4 >	WFD Surface water bodies >	0	0	0	-	-
52 >	6.5 >	WFD Groundwater bodies >	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
53	7.1	Risk of flooding from rivers and the sea	None (within 50m)				
53	7.2	Historical Flood Events	0	0	0	-	-
53	7.3	Flood Defences	0	0	0	-	-
54	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
54	7.5	Flood Storage Areas	0	0	0	-	-
55	7.6	Flood Zone 2	None (within 50m)				
55	7.7	Flood Zone 3	None (within 50m)				
Page	Section	Surface water flooding >					
56 >	8.1 >	Surface water flooding >	1 in 30 year, 0.3m - 1.0m (within 50m)				
Page	Section	Groundwater flooding >					
58 >	9.1 >	Groundwater flooding >	High (within 50m)				
Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
59 >	10.1 >	Sites of Special Scientific Interest (SSSI) >	0	0	0	0	5
60 >	10.2 >	Conserved wetland sites (Ramsar sites) >	0	0	0	0	4
62 >	10.3 >	Special Areas of Conservation (SAC) >	0	0	0	0	6
65 >	10.4 >	Special Protection Areas (SPA) >	0	0	0	0	4
65 >	10.5 >	National Nature Reserves (NNR) >	0	0	0	0	3
66	10.6	Local Nature Reserves (LNR)	0	0	0	0	0
66	10.7	Designated Ancient Woodland	0	0	0	0	0
66	10.8	Biosphere Reserves	0	0	0	0	0
67	10.9	Forest Parks	0	0	0	0	0
67	10.10	Marine Conservation Zones	0	0	0	0	0
67 >	10.11 >	Green Belt >	1	0	0	0	0
67	10.12	Proposed Ramsar sites	0	0	0	0	0



68	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
68	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
68	10.15	Nitrate Sensitive Areas	0	0	0	0	0
68 >	10.16 >	Nitrate Vulnerable Zones >	1	0	0	0	0
70 >	10.17 >	SSSI Impact Risk Zones >	2	-	-	-	-
72 >	10.18 >	SSSI Units >	0	0	0	0	25

Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
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82	11.1	World Heritage Sites	0	0	0	-	-
82	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
82	11.3	National Parks	0	0	0	-	-
82	11.4	Listed Buildings	0	0	0	-	-
83	11.5	Conservation Areas	0	0	0	-	-
83	11.6	Scheduled Ancient Monuments	0	0	0	-	-
83	11.7	Registered Parks and Gardens	0	0	0	-	-

Page	Section	Agricultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
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84 >	12.1 >	Agricultural Land Classification >	Grade 3a (within 250m)				
85	12.2	Open Access Land	0	0	0	-	-
85 >	12.3 >	Tree Felling Licences >	0	0	1	-	-
86	12.4	Environmental Stewardship Schemes	0	0	0	-	-
86	12.5	Countryside Stewardship Schemes	0	0	0	-	-

Page	Section	Habitat designations >	On site	0-50m	50-250m	250-500m	500-2000m
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87 >	13.1 >	Priority Habitat Inventory >	0	0	5	-	-
88 >	13.2 >	Habitat Networks >	1	0	1	-	-
88	13.3	Open Mosaic Habitat	0	0	0	-	-
88	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
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89 >	14.1 >	10k Availability >	Identified (within 500m)				
90 >	14.2 >	Artificial and made ground (10k) >	1	0	1	2	-
92 >	14.3 >	Superficial geology (10k) >	0	1	2	7	-

93	14.4	Landslip (10k)	0	0	0	0	-
94 >	14.5 >	Bedrock geology (10k) >	1	1	3	5	-
95	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
96 >	15.1 >	50k Availability >	Identified (within 500m)				
97 >	15.2 >	Artificial and made ground (50k) >	1	0	1	2	-
98	15.3	Artificial ground permeability (50k)	0	0	-	-	-
99 >	15.4 >	Superficial geology (50k) >	0	1	2	4	-
100 >	15.5 >	Superficial permeability (50k) >	Identified (within 50m)				
100	15.6	Landslip (50k)	0	0	0	0	-
100	15.7	Landslip permeability (50k)	None (within 50m)				
101 >	15.8 >	Bedrock geology (50k) >	1	1	3	2	-
102 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
102	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
103 >	16.1 >	BGS Boreholes >	9	27	211	-	-
Page	Section	Natural ground subsidence >					
113 >	17.1 >	Shrink swell clays >	Moderate (within 50m)				
114 >	17.2 >	Running sands >	Very low (within 50m)				
116 >	17.3 >	Compressible deposits >	Negligible (within 50m)				
117 >	17.4 >	Collapsible deposits >	Very low (within 50m)				
118 >	17.5 >	Landslides >	Very low (within 50m)				
119 >	17.6 >	Ground dissolution of soluble rocks >	Negligible (within 50m)				
Page	Section	Mining and ground workings >	On site	0-50m	50-250m	250-500m	500-2000m
121 >	18.1 >	BritPits >	1	0	3	3	-
123 >	18.2 >	Surface ground workings >	7	5	12	-	-
124 >	18.3 >	Underground workings >	0	0	1	0	0
124	18.4	Underground mining extents	0	0	0	0	-
125 >	18.5 >	Historical Mineral Planning Areas >	2	1	1	1	-



125 >	18.6 >	Non-coal mining >	0	0	0	1	0
126	18.7	JPB mining areas	None (within 0m)				
126	18.8	The Coal Authority non-coal mining	0	0	0	0	-
126	18.9	Researched mining	0	0	0	0	-
126	18.10	Mining record office plans	0	0	0	0	-
127	18.11	BGS mine plans	0	0	0	0	-
127	18.12	Coal mining	None (within 0m)				
127	18.13	Brine areas	None (within 0m)				
127	18.14	Gypsum areas	None (within 0m)				
127	18.15	Tin mining	None (within 0m)				
128 >	18.16 >	Clay mining >	Identified (within 0m)				
Page	Section	Ground cavities and sinkholes >	On site	0-50m	50-250m	250-500m	500-2000m
129	19.1	Natural cavities	0	0	0	0	-
130 >	19.2 >	Mining cavities >	0	0	2	0	1
130	19.3	Reported recent incidents	0	0	0	0	-
130	19.4	Historical incidents	0	0	0	0	-
131	19.5	National karst database	0	0	0	0	-
Page	Section	Radon >					
132 >	20.1 >	Radon >	Less than 1% (within 0m)				
Page	Section	Soil chemistry >	On site	0-50m	50-250m	250-500m	500-2000m
134 >	21.1 >	BGS Estimated Background Soil Chemistry >	2	3	-	-	-
134	21.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
134	21.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects	On site	0-50m	50-250m	250-500m	500-2000m
135	22.1	Underground railways (London)	0	0	0	-	-
135	22.2	Underground railways (Non-London)	0	0	0	-	-
135	22.3	Railway tunnels	0	0	0	-	-
135	22.4	Historical railway and tunnel features	0	0	0	-	-
135	22.5	Royal Mail tunnels	0	0	0	-	-

136	22.6	Historical railways	0	0	0	-	-
136	22.7	Railways	0	0	0	-	-
136	22.8	Crossrail 1	0	0	0	0	-
136	22.9	Crossrail 2	0	0	0	0	-
136	22.10	HS2	0	0	0	0	-

Recent aerial photograph



Capture Date: 01/06/2020

Site Area: 0.61ha



Recent site history - 2017 aerial photograph



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

Capture Date: 18/06/2017

Site Area: 0.61ha



Recent site history - 2009 aerial photograph



Capture Date: 19/08/2009

Site Area: 0.61ha



Recent site history - 2005 aerial photograph



Capture Date: 23/06/2005

Site Area: 0.61ha



Recent site history - 1999 aerial photograph



Capture Date: 04/09/1999

Site Area: 0.61ha



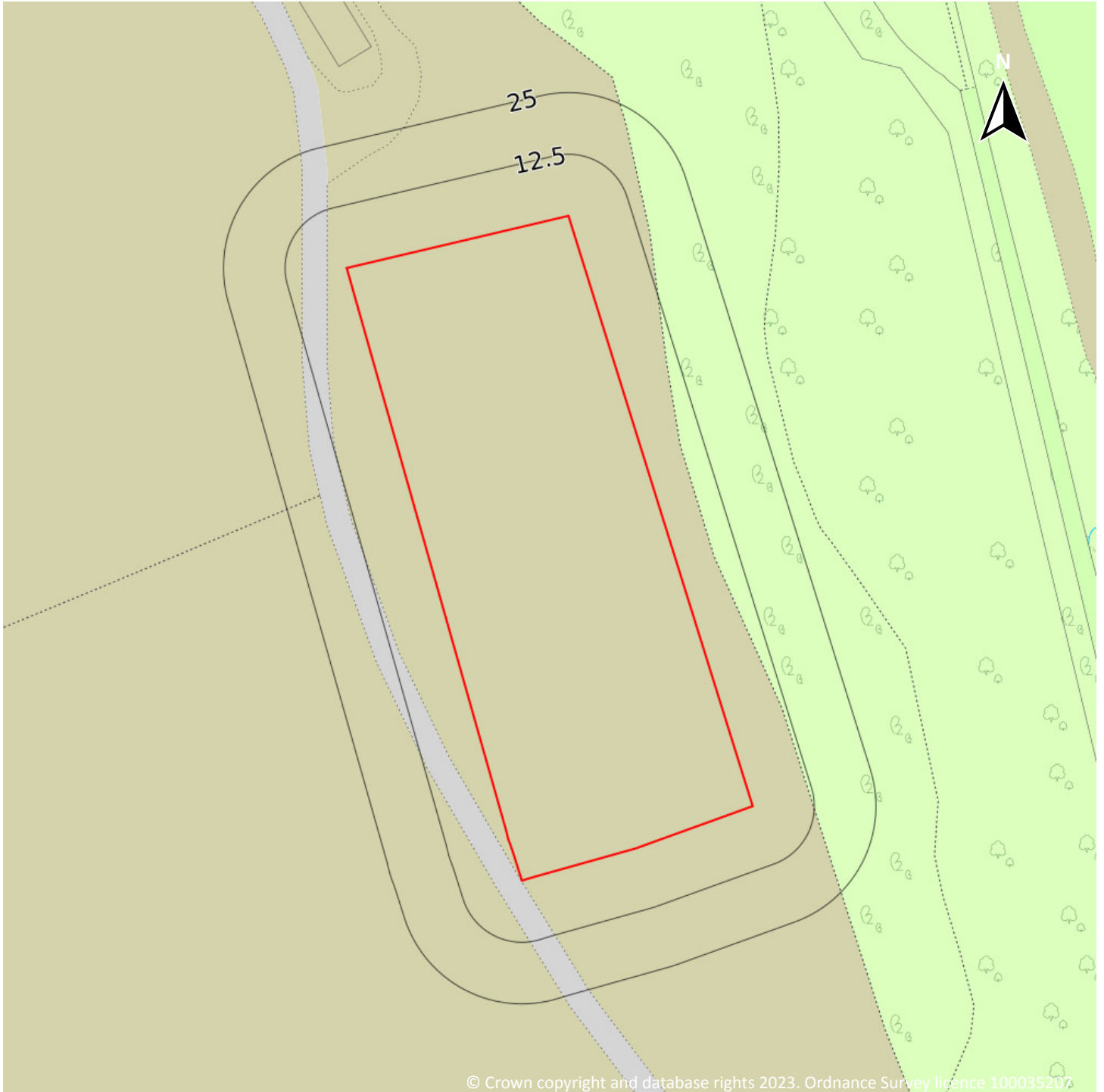
Contact us with any questions at:

info@groundsure.com

01273 257 755

Date: 4 August 2023

OS MasterMap site plan

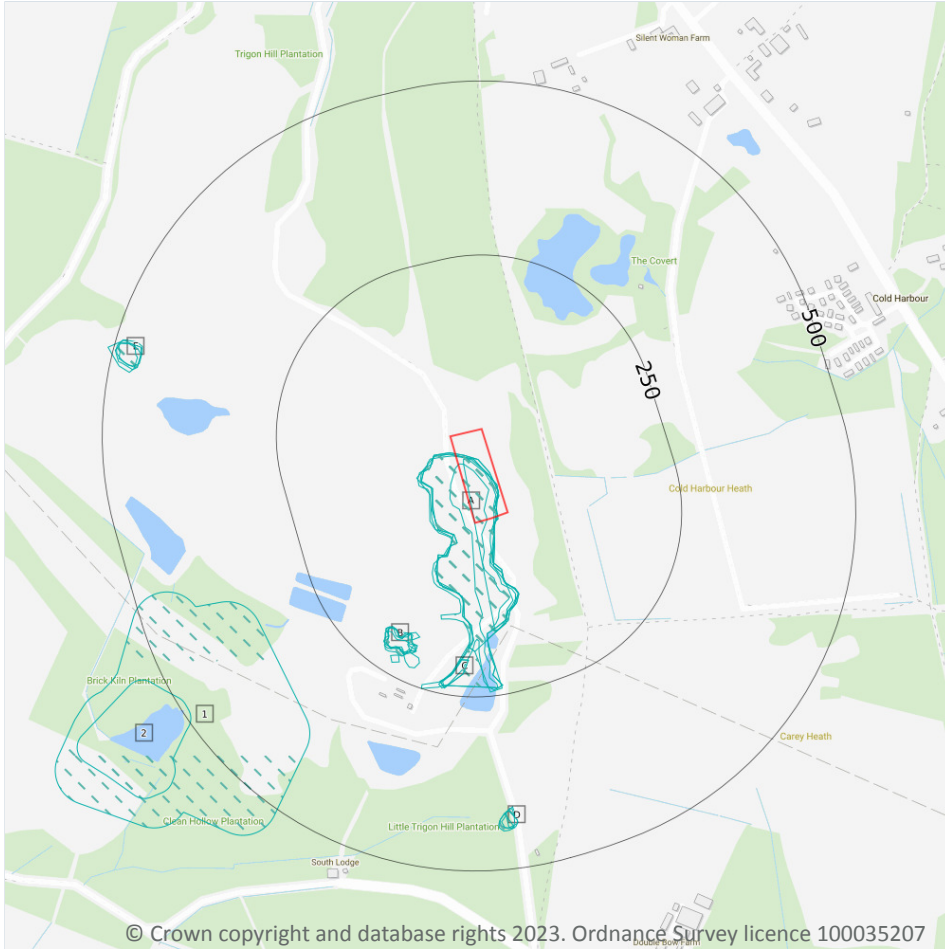


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Site Area: 0.61ha



1 Past land use



Site Outline

Search buffers in metres (m)

Historical industrial land uses

1.1 Historical industrial land uses

Records within 500m **25**

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

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

ID	Location	Land use	Dates present	Group ID
A	On site	Clay Pit	1887	1275893

ID	Location	Land use	Dates present	Group ID
A	On site	Old Clay Pit	1900	1275979
A	On site	Unspecified Heap	1963	1279824
A	On site	Unspecified Ground Workings	1927	1280795
A	On site	Unspecified Ground Workings	1925	1282244
A	On site	Unspecified Pit	1938 - 1963	1286925
B	179m S	Unspecified Ground Workings	1963	1274504
B	183m SW	Unspecified Pit	1938	1287643
B	184m SW	Sand Pit	1900	1277182
B	184m SW	Unspecified Pit	1927	1287952
B	186m SW	Gravel Pit	1887	1279471
B	196m SW	Unspecified Pit	1925	1286990
C	197m S	Unspecified Ground Workings	1927	1281631
C	197m S	Unspecified Ground Workings	1900	1282861
B	220m SW	Unspecified Mine	1963	1276480
1	342m SW	Disused Brick Works	1900	1278545
D	411m S	Unspecified Pit	1900 - 1927	1286922
D	413m S	Old Gravel Pit	1887	1273910
D	416m S	Unspecified Pit	1938	1288838
D	419m S	Unspecified Pit	1925	1284181
E	459m W	Unspecified Pit	1938	1286162
E	459m W	Unspecified Pit	1963	1288918
E	460m W	Unspecified Pit	1927	1286602
E	463m W	Sand Pit	1887 - 1900	1287895
2	491m SW	Brick Works	1887	1273992

This data is sourced from Ordnance Survey / Groundsure.



1.2 Historical tanks

Records within 500m

0

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

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

0

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'.

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m

0

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

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m

0

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

This data is sourced from Ordnance Survey / Groundsure.



1.6 Historical military land

Records within 500m

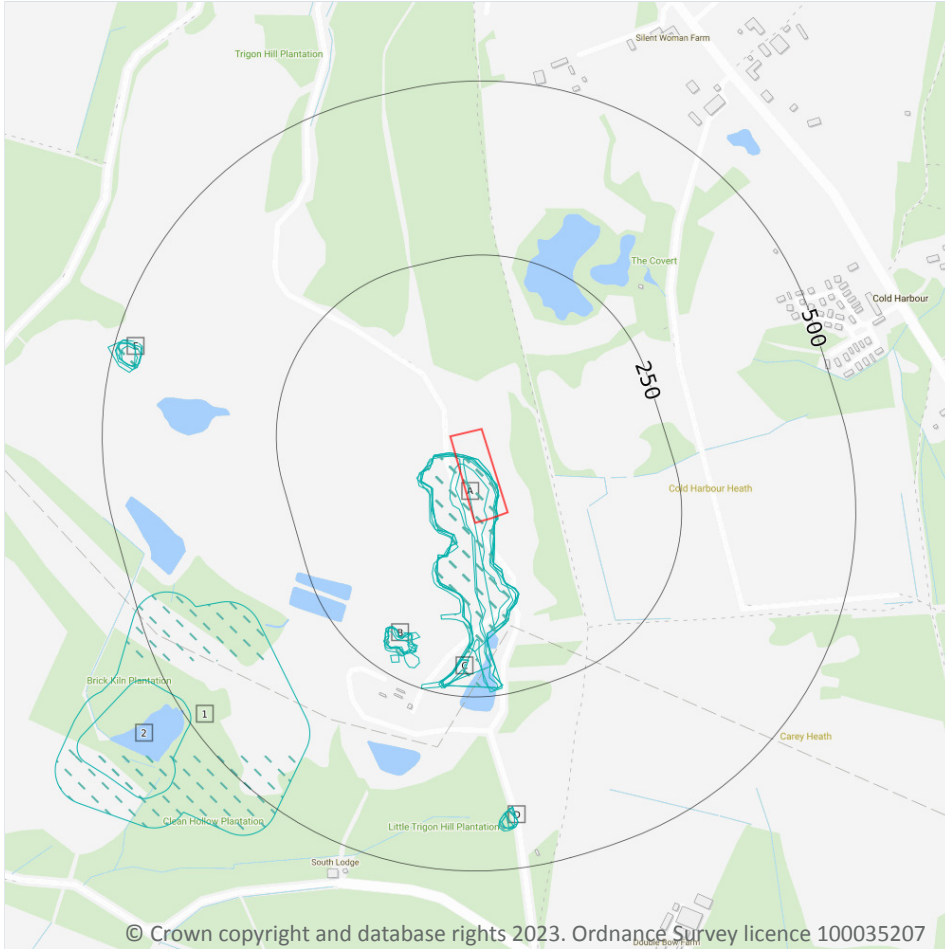
0

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

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



2 Past land use - un-grouped



- Site Outline
- Search buffers in metres (m)
- Historical industrial land uses

2.1 Historical industrial land uses

Records within 500m

28

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 19](#) >

ID	Location	Land Use	Date	Group ID
A	On site	Unspecified Ground Workings	1927	1280795
A	On site	Clay Pit	1887	1275893
A	On site	Unspecified Ground Workings	1925	1282244

ID	Location	Land Use	Date	Group ID
A	On site	Unspecified Pit	1938	1286925
A	On site	Unspecified Heap	1963	1279824
A	On site	Unspecified Pit	1963	1286925
A	On site	Old Clay Pit	1900	1275979
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B	183m SW	Unspecified Pit	1938	1287643
B	184m SW	Unspecified Pit	1927	1287952
B	184m SW	Sand Pit	1900	1277182
B	186m SW	Gravel Pit	1887	1279471
B	196m SW	Unspecified Pit	1925	1286990
C	197m S	Unspecified Ground Workings	1927	1281631
C	197m S	Unspecified Ground Workings	1900	1282861
B	220m SW	Unspecified Mine	1963	1276480
1	342m SW	Disused Brick Works	1900	1278545
D	411m S	Unspecified Pit	1927	1286922
D	411m S	Unspecified Pit	1900	1286922
D	413m S	Old Gravel Pit	1887	1273910
D	416m S	Unspecified Pit	1938	1288838
D	419m S	Unspecified Pit	1925	1284181
E	459m W	Unspecified Pit	1938	1286162
E	459m W	Unspecified Pit	1963	1288918
E	460m W	Unspecified Pit	1927	1286602
E	463m W	Sand Pit	1887	1287895
E	464m W	Sand Pit	1900	1287895
2	491m SW	Brick Works	1887	1273992

This data is sourced from Ordnance Survey / Groundsure.



2.2 Historical tanks

Records within 500m

0

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

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

0

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'.

This data is sourced from Ordnance Survey / Groundsure.

2.4 Historical petrol stations

Records within 500m

0

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

This data is sourced from Ordnance Survey / Groundsure.

2.5 Historical garages

Records within 500m

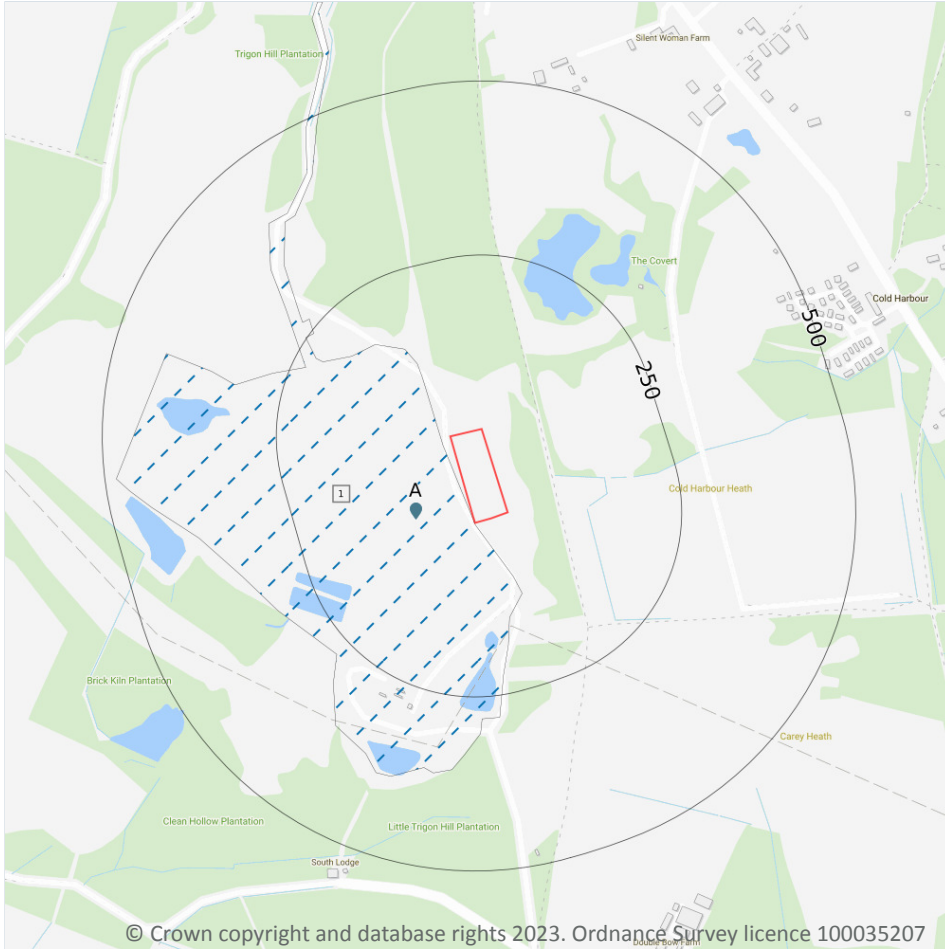
0

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

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



— Site Outline

Search buffers in metres (m)

Active or recent landfill

Licensed waste sites

3.1 Active or recent landfill

Records within 500m

1

Active or recently closed landfill sites under Environment Agency/Natural Resources Wales regulation. Features are displayed on the Waste and landfill map on [page 22](#) >

ID	Location	Details
1	On site	<p>Operator: Viridor Waste Management Limited Site Address: Trigon Hill Landfill, Bere-Regis to Wareham Road, Near Wareham, Dorset, BH20 7PB</p> <p>WML Number: 0 EPR Reference: - Landfill type: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE Status: Effective IPPC Reference: - EPR Number: -</p>



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

3.2 Historical landfill (BGS records)

Records within 500m

0

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

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m

0

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

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

3.4 Historical landfill (EA/NRW records)

Records within 500m

0

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

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

3.5 Historical waste sites

Records within 500m

0

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

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

3.6 Licensed waste sites

Records within 500m

2

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

Features are displayed on the Waste and landfill map on [page 22 >](#)



ID	Location	Details		
A	77m SW	Site Name: P P C - Trigon Hill Landfill Site Address: Wareham Road, Dorset Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste Landfill Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: VIR006 EPR reference: EA/EPR/GP3893FQ/A001 Operator: Viridor Waste Management licence No: 23703 Annual Tonnage: 150000	Issue Date: 26/06/2006 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: To PPC
A	77m SW	Site Name: P P C - Trigon Hill Landfill Site Address: Wareham Road, Dorset Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste Landfill Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: VIR006 EPR reference: EA/EPR/GP3893FQ/A001 Operator: Viridor Waste Management licence No: 23703 Annual Tonnage: 150000	Issue Date: 26/06/2006 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: To PPC

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

3.7 Waste exemptions

Records within 500m

0

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.

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
- ⬮ Part A(1) industrial activities
- Licensed Discharges to controlled waters
- Pollution Incidents (EA/NRW)
- Pollution inventory substances
- Pollution inventory waste transfers

4.1 Recent industrial land uses

Records within 250m **1**

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on [page 25](#) >

ID	Location	Company	Address	Activity	Category
1	156m S	Pylon	Dorset, BH20	Electrical Features	Infrastructure and Facilities

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

18

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

Features are displayed on the Current industrial land use map on [page 25 >](#)

ID	Location	Details	
A	77m SW	Operator: VIRIDOR WASTE MANAGEMENT LIMITED Installation Name: Trigon Hill Landfill Site EPR/BX4054ID Process: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE Permit Number: BX4054ID Original Permit Number: BX4054ID	EPR Reference: EPR/BX4054ID Issue Date: 20/10/2020 Effective Date: 20/10/2020 Last date noted as effective: 25/05/2023 Status: Effective

ID	Location	Details	
A	77m SW	Operator: Viridor Waste Management Ltd Installation Name: TRIGON HILL LANDFILL SITE Process: COMBUSTION; WASTE DERIVED FUEL =>3MW BUT 50MW Permit Number: KP3839GH Original Permit Number: BX4054ID	EPR Reference: EA/EPR/BX4054ID/V003 Issue Date: 06/04/2009 Effective Date: 01/04/2009 Last date noted as effective: 21/03/2023 Status: Superseded
A	77m SW	Operator: Viridor Waste Management Ltd Installation Name: TRIGON HILL LANDFILL SITE Process: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE Permit Number: KP3839GH Original Permit Number: BX4054ID	EPR Reference: EA/EPR/BX4054ID/V003 Issue Date: 06/04/2009 Effective Date: 01/04/2009 Last date noted as effective: 21/03/2023 Status: Superseded
A	77m SW	Operator: Viridor Waste Management Ltd Installation Name: Trigon Hill Landfill Site Process: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE Permit Number: XP3036JM Original Permit Number: BX4054ID	EPR Reference: - Issue Date: 23/04/2018 Effective Date: 23/04/2018 Last date noted as effective: 21/03/2023 Status: Superseded
A	77m SW	Operator: Viridor Waste Management Ltd Installation Name: Trigon Landfill Site Process: ASSOCIATED PROCESS Permit Number: MP3331RY Original Permit Number: BX4054ID	EPR Reference: - Issue Date: 25/05/2016 Effective Date: 25/05/2016 Last date noted as effective: 21/03/2023 Status: Superseded
A	77m SW	Operator: Viridor Waste Management Ltd Installation Name: TRIGON HILL LANDFILL SITE Process: COMBUSTION; WASTE DERIVED FUEL =>3MW BUT 50MW Permit Number: MP3836CS Original Permit Number: BX4054ID	EPR Reference: - Issue Date: 15/08/2012 Effective Date: 15/08/2012 Last date noted as effective: 21/03/2023 Status: Superseded
A	77m SW	Operator: Viridor Waste Management Ltd Installation Name: Trigon Landfill Site Process: ASSOCIATED PROCESS Permit Number: ZP3233DJ Original Permit Number: BX4054ID	EPR Reference: - Issue Date: 27/05/2016 Effective Date: 27/05/2016 Last date noted as effective: 21/03/2023 Status: Superseded
A	77m SW	Operator: Viridor Waste Management Ltd Installation Name: Trigon Landfill Site Process: ASSOCIATED PROCESS Permit Number: AP3035NG Original Permit Number: BX4054ID	EPR Reference: - Issue Date: 28/05/2013 Effective Date: 28/05/2013 Last date noted as effective: 21/03/2023 Status: Superseded
A	77m SW	Operator: Viridor Waste Management Limited Installation Name: Trigon Hill Landfill Site EPR/BX4054ID Process: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE Permit Number: XP3800LG Original Permit Number: BX4054ID	EPR Reference: - Issue Date: 20/10/2020 Effective Date: 20/10/2020 Last date noted as effective: 21/03/2023 Status: Effective



ID	Location	Details	
A	77m SW	Operator: Viridor Waste Management Ltd Installation Name: Trigon Landfill Site Process: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE Permit Number: MP3331RY Original Permit Number: BX4054ID	EPR Reference: - Issue Date: 25/05/2016 Effective Date: 25/05/2016 Last date noted as effective: 21/03/2023 Status: Superseded
A	77m SW	Operator: Viridor Waste Management Ltd Installation Name: Trigon Hill Landfill Site EPR/BX4054ID Process: ASSOCIATED PROCESS Permit Number: MP3507PK Original Permit Number: BX4054ID	EPR Reference: - Issue Date: 11/10/2019 Effective Date: 11/10/2019 Last date noted as effective: 21/03/2023 Status: Superseded
A	77m SW	Operator: Viridor Waste Management Ltd Installation Name: Trigon Hill Landfill Site EPR/BX4054ID Process: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE Permit Number: MP3507PK Original Permit Number: BX4054ID	EPR Reference: - Issue Date: 11/10/2019 Effective Date: 11/10/2019 Last date noted as effective: 21/03/2023 Status: Superseded
A	77m SW	Operator: Viridor Waste Management Ltd Installation Name: Trigon Hill Landfill Site Process: ASSOCIATED PROCESS Permit Number: XP3036JM Original Permit Number: BX4054ID	EPR Reference: - Issue Date: 23/04/2018 Effective Date: 23/04/2018 Last date noted as effective: 21/03/2023 Status: Superseded
A	77m SW	Operator: Viridor Waste Management Ltd Installation Name: Trigon Landfill Site Process: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE Permit Number: ZP3233DJ Original Permit Number: BX4054ID	EPR Reference: - Issue Date: 27/05/2016 Effective Date: 27/05/2016 Last date noted as effective: 21/03/2023 Status: Superseded
A	77m SW	Operator: Viridor Waste Management Limited Installation Name: Trigon Hill Landfill Site EPR/BX4054ID Process: ASSOCIATED PROCESS Permit Number: XP3800LG Original Permit Number: BX4054ID	EPR Reference: - Issue Date: 20/10/2020 Effective Date: 20/10/2020 Last date noted as effective: 21/03/2023 Status: Effective
A	77m SW	Operator: Viridor Waste Management Ltd Installation Name: Trigon Landfill Site Process: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE Permit Number: AP3035NG Original Permit Number: BX4054ID	EPR Reference: - Issue Date: 28/05/2013 Effective Date: 28/05/2013 Last date noted as effective: 21/03/2023 Status: Superseded



ID	Location	Details	
A	77m SW	Operator: Viridor Waste Management Ltd Installation Name: TRIGON HILL LANDFILL SITE Process: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE Permit Number: MP3836CS Original Permit Number: BX4054ID	EPR Reference: - Issue Date: 15/08/2012 Effective Date: 15/08/2012 Last date noted as effective: 21/03/2023 Status: Superseded
A	77m SW	Operator: VIRIDOR WASTE MANAGEMENT LIMITED Installation Name: Trigon Hill Landfill Site EPR/BX4054ID Process: ASSOCIATED PROCESS Permit Number: BX4054ID Original Permit Number: BX4054ID	EPR Reference: EPR/BX4054ID Issue Date: 20/10/2020 Effective Date: 20/10/2020 Last date noted as effective: 25/05/2023 Status: Effective

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

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

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

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.

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	1
----------------------------	----------

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

Features are displayed on the Current industrial land use map on [page 25 >](#)

ID	Location	Address	Details	
3	468m W	TRIGON BALL CLAY WORKS, BERE ROAD, WAREHAM, DORSET, BH20 7PA	Effluent Type: TRADE DISCHARGES - MINERAL WORKINGS Permit Number: EPRQB3999RG Permit Version: 1 Receiving Water: TRIBUTARY OF THE RIVER PIDDLE	Status: NEW ISSUED UNDER EPR 2010 Issue date: 15/04/2020 Effective Date: 15/04/2020 Revocation Date: -

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

4.14 Pollutant release to surface waters (Red List)

Records within 500m

0

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

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

4.15 Pollutant release to public sewer

Records within 500m

0

Discharges of Special Category Effluents to the public sewer.

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

4.16 List 1 Dangerous Substances

Records within 500m

0

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

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

4.17 List 2 Dangerous Substances

Records within 500m

0

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

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



4.18 Pollution Incidents (EA/NRW)

Records within 500m

1

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 25 >](#)

ID	Location	Details	
2	258m W	Incident Date: 31/08/2014 Incident Identification: 1272959 Pollutant: General Biodegradable Materials and Wastes Pollutant Description: Other General Biodegradable Material or Waste	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 2 (Significant)

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

4.19 Pollution inventory substances

Records within 500m

2

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.

Features are displayed on the Current industrial land use map on [page 25 >](#)

ID: A, Location: 78m SW, Permit: BX4054ID
 Operator: Viridor Waste Management Limited
 Activity: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE
 Address: Trigon Hill Landfill Site Bere-Regis to Wareham Road Dorset BH20 7PB
 Sector: Landfill, Sub-sector: Non Hazardous Landfill
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Ethylene dichloride (1,2-Dichloroethane)	1000kg	Below Reporting Threshold
Wastewater	Nickel	20kg	Below Reporting Threshold
Wastewater	Zinc	100kg	Below Reporting Threshold
Air	Trichlorobenzene - all isomers	1kg	Below Reporting Threshold
Air	Sulphur oxides (SO2 and SO3) as SO2	100000kg	Below Reporting Threshold



Route	Substance	Reporting threshold (kg)	Quantity (kg)
Wastewater	Chlorides - as Cl	2000000kg	Below Reporting Threshold
Wastewater	Nitrogen - as total N	50000kg	Below Reporting Threshold
Wastewater	Total organic carbon (TOC)	50000kg	Below Reporting Threshold
Air	Carbon dioxide	10000000kg	Below Reporting Threshold
Air	Carbon monoxide	100000kg	Below Reporting Threshold
Air	Nitrogen oxides (NO and NO2) as NO2	100000kg	Below Reporting Threshold
Air	Tetrachloroethane (1,1,2,2-Tetrachloroethane)	10kg	Below Reporting Threshold
Air	Perfluorocarbons (PFCs)	10kg	Below Reporting Threshold
Air	Benzene	1000kg	Below Reporting Threshold
Air	Trichloroethylene	1000kg	Below Reporting Threshold
Air	Tetrachloroethylene (PER)	100kg	Below Reporting Threshold
Air	Methyl chloroform (1,1,1-Trichloroethane)	10kg	Below Reporting Threshold
Air	Vinyl chloride	1000kg	Below Reporting Threshold
Wastewater	Arsenic	5kg	Below Reporting Threshold
Wastewater	Cadmium	1kg	Below Reporting Threshold
Wastewater	Chromium	20kg	Below Reporting Threshold
Wastewater	Copper	20kg	Below Reporting Threshold
Wastewater	Lead	20kg	Below Reporting Threshold
Air	Non-methane volatile organic compounds (NMVOCs)	10000kg	Below Reporting Threshold
Air	Hexachlorocyclohexane (HCH) -all isomers	1kg	Below Reporting Threshold
Air	Carbon tetrachloride (Tetrachloromethane)	10kg	Below Reporting Threshold
Air	Particulate matter - PM10	1000kg	Below Reporting Threshold
Air	Hydrofluorocarbons (HFCs)	100kg	Below Reporting Threshold
Air	Hydrochlorofluorocarbons (HCFCs)	1kg	Below Reporting Threshold
Air	Chlorofluorocarbons (CFCs)	1kg	Below Reporting Threshold
Air	Halons	1kg	Below Reporting Threshold
Air	Benzo(a)pyrene	1kg	Below Reporting Threshold
Air	Chloroform (Trichloromethane)	100kg	Below Reporting Threshold



ID: A, Location: 78m SW, Permit: BX4054ID
 Operator: Viridor Waste Management Limited
 Activity: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE
 Address: Trigon Hill Landfill Site Bere-Regis to Wareham Road Dorset BH20 7PB
 Sector: Landfill, Sub-sector: Non Hazardous Landfill
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Methane	10000kg	112000kg

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

4.20 Pollution inventory waste transfers

Records within 500m

1

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

Features are displayed on the Current industrial land use map on [page 25 >](#)

ID: A, Location: 78m SW, Permit: BX4054ID
 Operator: Viridor Waste Management Limited
 Activity: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE
 Address: Trigon Hill Landfill Site Bere-Regis to Wareham Road Dorset BH20 7PB
 Sector: Landfill, Sub-sector: Non Hazardous Landfill
 Releases:

Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
R9	Oil e-refining or other reuses of oil	4	absolute value	13 02 05	mineral-based non-chlorinated engine, gear and lubricating oils	Yes

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

4.21 Pollution inventory radioactive waste

Records within 500m

0

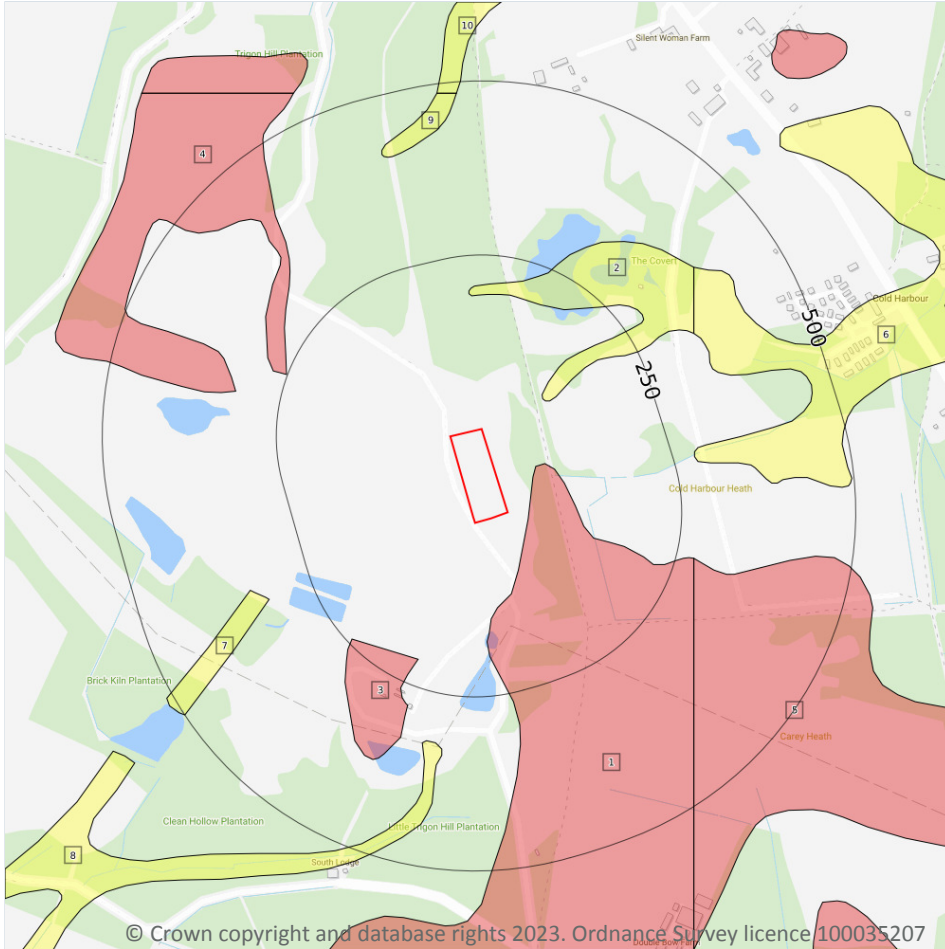
The pollution inventory (radioactive wastes) includes reporting on annual releases of radioactive substances from a site, including the means of release. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.



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



5 Hydrogeology - Superficial aquifer



5.1 Superficial aquifer

Records within 500m

10

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on [page 36](#) >

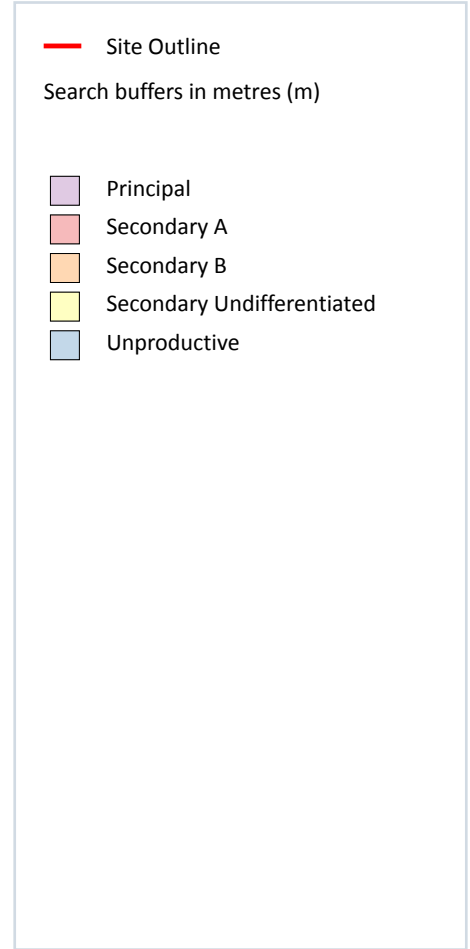
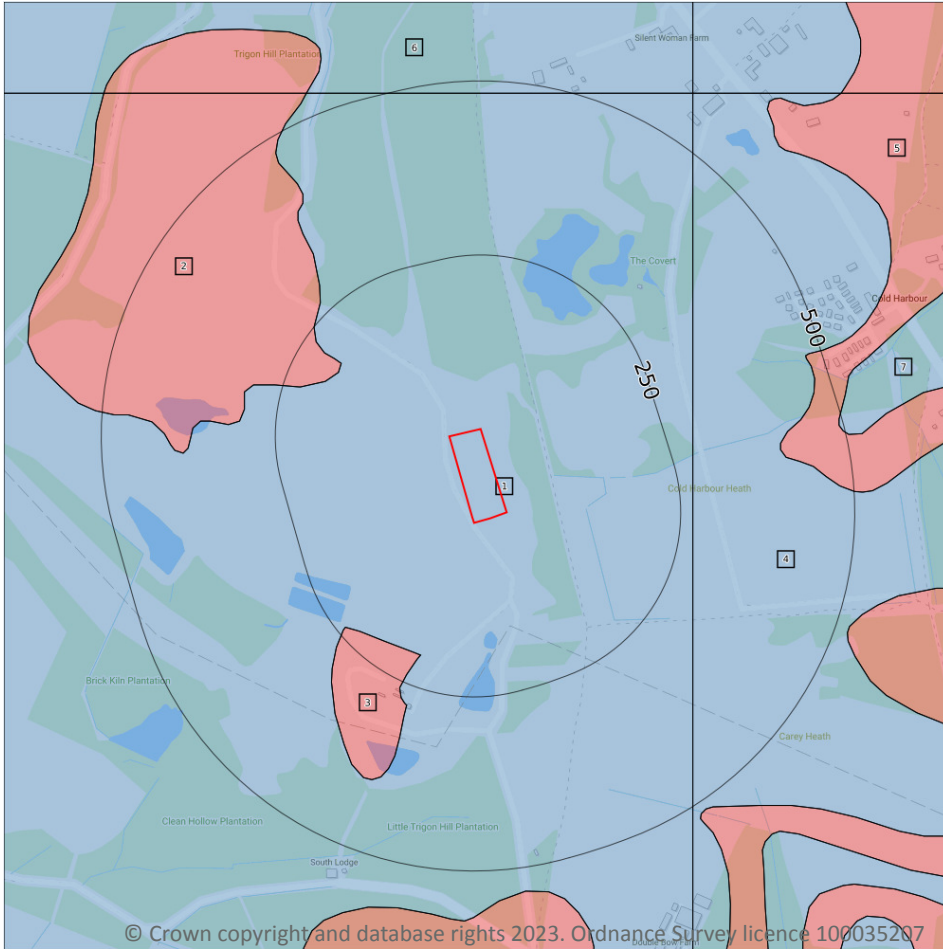
ID	Location	Designation	Description
1	30m SE	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	98m NE	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

ID	Location	Designation	Description
3	212m 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
4	252m NW	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
5	275m E	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
6	280m E	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
7	316m SW	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
8	321m S	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
9	410m N	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
10	484m N	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

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



Bedrock aquifer



5.2 Bedrock aquifer

Records within 500m

7

Aquifer status of groundwater held within bedrock geology.

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

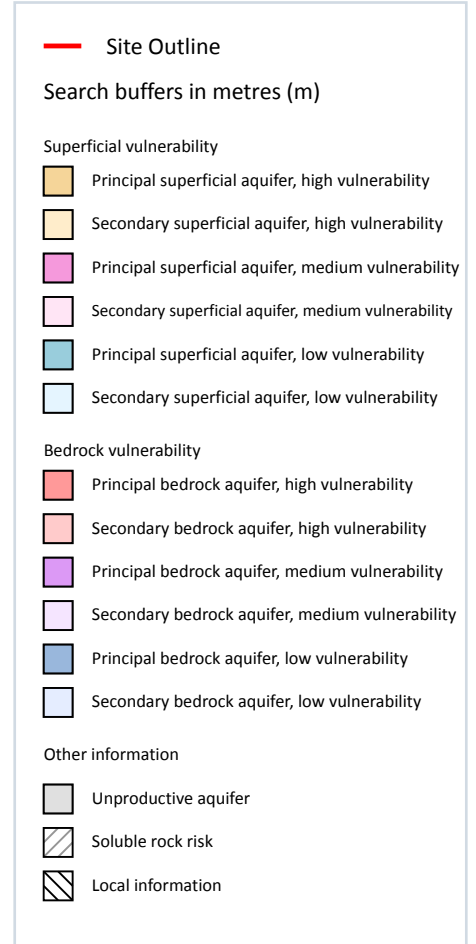
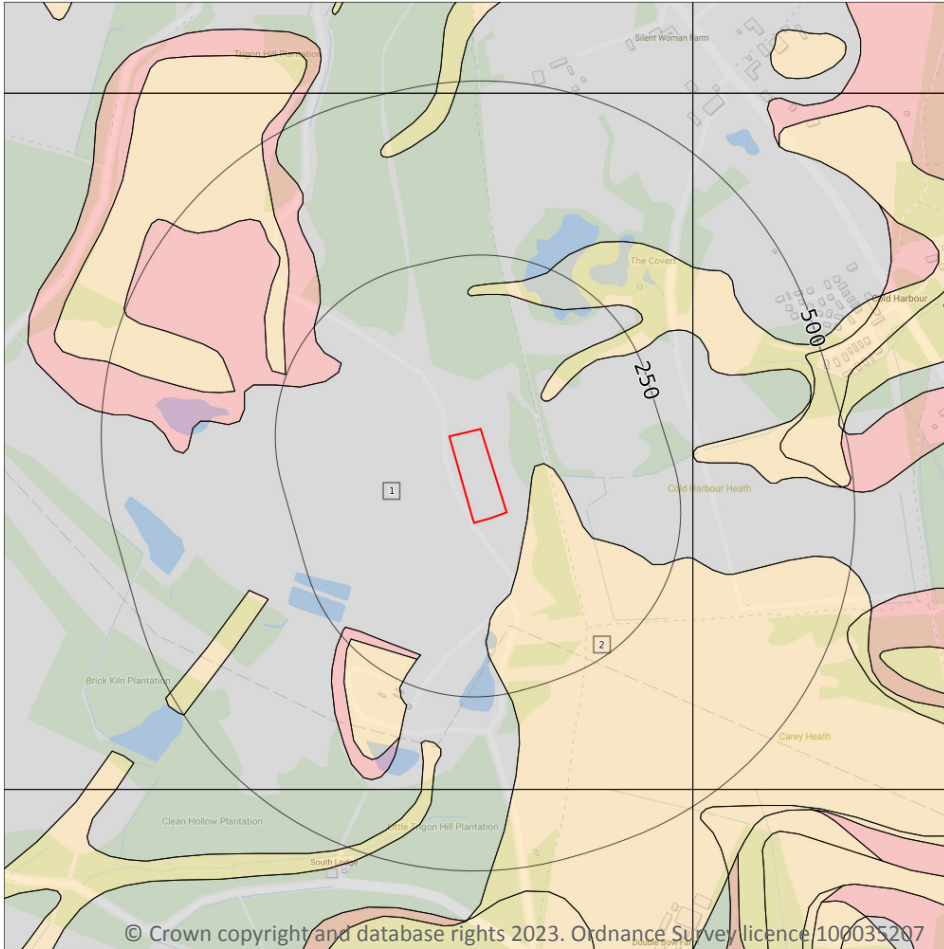
ID	Location	Designation	Description
1	On site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
2	184m NW	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, 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	205m 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
4	267m E	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
5	404m E	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
6	482m N	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
7	494m E	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

2

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

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

Features are displayed on the Groundwater vulnerability map on [page 40](#) >

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: >550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures
2	30m SE	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: >550mm/year	Vulnerability: High Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures

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

5.4 Groundwater vulnerability- soluble rock risk

Records on site

0

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

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

5.5 Groundwater vulnerability- local information

Records on site

0

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

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



Abstractions and Source Protection Zones



5.6 Groundwater abstractions

Records within 2000m

7

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

Features are displayed on the Abstractions and Source Protection Zones map on [page 42 >](#)

ID	Location	Details	
-	725m S	Status: Historical Licence No: 13/44/045/G/005 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: WAREHAM ST MARTIN POINT 'B' (WELL) Data Type: Point Name: Sturdy Easting: 389440 Northing: 88700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/02/1967 Expiry Date: - Issue No: 100 Version Start Date: 27/12/1995 Version End Date: -
-	983m S	Status: Historical Licence No: 13/44/045/G/015 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: CAREY WELL POINT #3 Data Type: Point Name: Carey Trustees Easting: 389700 Northing: 88400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/03/1968 Expiry Date: - Issue No: 100 Version Start Date: 20/05/1971 Version End Date: -
-	1013m S	Status: Historical Licence No: 13/44/045/G/005 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: WAREHAM ST MARTIN POINT 'C' (WELL) Data Type: Point Name: Sturdy Easting: 389700 Northing: 88370	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/02/1967 Expiry Date: - Issue No: 100 Version Start Date: 27/12/1995 Version End Date: -
-	1294m SW	Status: Historical Licence No: 13/44/045/G/005 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: WAREHAM ST MARTIN POINT 'A' (BOREHOLE) Data Type: Point Name: Sturdy Easting: 388540 Northing: 88780	Annual Volume (m ³): 9957 Max Daily Volume (m ³): 27.28 Original Application No: - Original Start Date: 01/02/1967 Expiry Date: - Issue No: 101 Version Start Date: 01/04/2008 Version End Date: -
-	1568m S	Status: Historical Licence No: 13/44/045/G/015 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: CAREY WELL POINT #2 Data Type: Point Name: Carey Trustees Easting: 390200 Northing: 87900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/03/1968 Expiry Date: - Issue No: 100 Version Start Date: 20/05/1971 Version End Date: -



ID	Location	Details	
-	1683m SE	Status: Historical Licence No: 13/44/045/G/015 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: CAREY WELL POINT #1 Data Type: Point Name: Carey Trustees Easting: 390500 Northing: 87900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/03/1968 Expiry Date: - Issue No: 100 Version Start Date: 20/05/1971 Version End Date: -
-	1909m E	Status: Historical Licence No: 13/44/045/G/017 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: TANTINOBY FARM WELL POINT #1 Data Type: Point Name: Morden Estates Co Easting: 391600 Northing: 89000	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/02/1967 Expiry Date: - Issue No: 100 Version Start Date: 01/02/1967 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m

14

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

Features are displayed on the Abstractions and Source Protection Zones map on [page 42 >](#)

ID	Location	Details	
-	1197m S	Status: Historical Licence No: 13/44/045/S/108 Details: Fish Farm/Cress Pond Throughflow Direct Source: Surface Water - Fresh Point: "CAREY STREAM AT EIGHT HATCH FISH FARM, WAREHAM" Data Type: Point Name: Pratt Easting: 389500 Northing: 88200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 25/03/1991 Expiry Date: - Issue No: 100 Version Start Date: 25/03/1991 Version End Date: -



ID	Location	Details	
-	1197m S	Status: Active Licence No: 13/44/045/S/108 Details: Fish Farm/Cress Pond Throughflow Direct Source: Surface Water - Fresh Point: CAREY STREAM AT EIGHT HATCH FISH FARM, WAREHAM Data Type: Point Name: Belcher Easting: 389500 Northing: 88200	Annual Volume (m ³): 11500000 Max Daily Volume (m ³): 41808 Original Application No: NPS/WR/036123 Original Start Date: 25/03/1991 Expiry Date: - Issue No: 101 Version Start Date: 15/09/2021 Version End Date: -
-	1591m SW	Status: Historical Licence No: 13/44/045/S/109 Details: Fish Farm/Cress Pond Throughflow Direct Source: Surface Water - Fresh Point: "R PIDDLE AT TRIGON FISH FARM, WAREHAM" Data Type: Point Name: Pratt Easting: 388300 Northing: 88600	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 25/03/1991 Expiry Date: - Issue No: 100 Version Start Date: 25/03/1991 Version End Date: -
-	1591m SW	Status: Active Licence No: 13/44/045/S/109 Details: Fish Farm/Cress Pond Throughflow Direct Source: Surface Water - Fresh Point: R PIDDLE AT TRIGON FISH FARM, WAREHAM Data Type: Point Name: Belcher Easting: 388300 Northing: 88600	Annual Volume (m ³): 13500000 Max Daily Volume (m ³): 51840 Original Application No: NPS/WR/036120 Original Start Date: 25/03/1991 Expiry Date: - Issue No: 101 Version Start Date: 15/09/2021 Version End Date: -
-	1747m SW	Status: Active Licence No: 13/44/045/S/018 Details: Spray Irrigation - Direct Direct Source: Surface Water - Fresh Point: BINNEGAR BRANCH OF RIVER PIDDLE POINT B Data Type: Point Name: Raymond Brown Quarry Products Limited Easting: 388190 Northing: 88480	Annual Volume (m ³): 195707 Max Daily Volume (m ³): 763.74 Original Application No: NPS/WR/033538 Original Start Date: 01/03/1967 Expiry Date: - Issue No: 105 Version Start Date: 11/03/2020 Version End Date: -
-	1757m SE	Status: Historical Licence No: 13/44/045/S/101 Details: Mineral Washing Direct Source: Surface Water - Fresh Point: RIVER PIDDLE AT CAREY, WAREHAM ST MARTIN Data Type: Point Name: Aggregate Industries UK Ltd Easting: 390600 Northing: 87870	Annual Volume (m ³): 222757 Max Daily Volume (m ³): 727.4 Original Application No: - Original Start Date: 01/07/1967 Expiry Date: - Issue No: 104 Version Start Date: 16/09/2013 Version End Date: -



ID	Location	Details	
-	1760m SW	Status: Active Licence No: 13/44/045/S/018 Details: Mineral Washing Direct Source: Surface Water - Fresh Point: BINNEGAR BRANCH OF RIVER PIDDLE POINT A Data Type: Point Name: Raymond Brown Quarry Products Limited Easting: 388090 Northing: 88640	Annual Volume (m ³): 195707 Max Daily Volume (m ³): 763.74 Original Application No: NPS/WR/033538 Original Start Date: 01/03/1967 Expiry Date: - Issue No: 105 Version Start Date: 11/03/2020 Version End Date: -
-	1781m SW	Status: Historical Licence No: 13/44/045/S/018 Details: Spray Irrigation - Direct Direct Source: Surface Water - Fresh Point: BINNEGAR BRANCH OF RIVER PIDDLE POINT #2 Data Type: Point Name: A J Cullinane & Wareham Ball Clay Co Ltd Easting: 388200 Northing: 88400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/03/1967 Expiry Date: - Issue No: 100 Version Start Date: 21/01/1991 Version End Date: -
-	1818m SE	Status: Historical Licence No: 13/44/045/S/101 Details: General use relating to Secondary Category (Very Low Loss) Direct Source: Surface Water - Fresh Point: "RIVER PIDDLE AT CAREY, WAREHAM ST MARTIN" Data Type: Point Name: Camas UK Ltd Easting: 390600 Northing: 87800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/07/1967 Expiry Date: - Issue No: 101 Version Start Date: 31/03/2000 Version End Date: -
-	1818m SE	Status: Historical Licence No: 13/44/045/S/101 Details: General Use Relating To Secondary Category (Very Low Loss) Direct Source: Surface Water - Fresh Point: RIVER PIDDLE AT CAREY, WAREHAM ST MARTIN Data Type: Point Name: Aggregate Industries Easting: 390600 Northing: 87800	Annual Volume (m ³): 222757 Max Daily Volume (m ³): 727.4 Original Application No: - Original Start Date: 01/07/1967 Expiry Date: - Issue No: 102 Version Start Date: 17/10/2006 Version End Date: -
-	1858m SW	Status: Historical Licence No: 13/44/045/S/018 Details: Mineral Washing Direct Source: Surface Water - Fresh Point: BINNEGAR BRANCH OF RIVER PIDDLE POINT #1 Data Type: Point Name: A J Cullinane & Wareham Ball Clay Co Ltd Easting: 388000 Northing: 88600	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/03/1967 Expiry Date: - Issue No: 100 Version Start Date: 21/01/1991 Version End Date: -



ID	Location	Details	
-	1974m W	Status: Historical Licence No: 13/44/045/S/102 Details: General use relating to Secondary Category (Very Low Loss) Direct Source: Surface Water - Fresh Point: RIVER PIDDLE AT BINNEGAR, EAST STOKE Data Type: Point Name: A R C Ltd Easting: 387700 Northing: 89200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/08/1969 Expiry Date: - Issue No: 100 Version Start Date: 04/01/1974 Version End Date: -
-	1974m W	Status: Historical Licence No: 13/44/045/S/102 Details: Mineral Washing Direct Source: Surface Water - Fresh Point: "RIVER PIDDLE AT BINNEGAR, EAST STOKE" Data Type: Point Name: Hanson Quarry Products Europe Ltd Easting: 387700 Northing: 89200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/08/1969 Expiry Date: - Issue No: 100 Version Start Date: 19/01/1999 Version End Date: -
-	1974m W	Status: Active Licence No: 13/44/045/S/102 Details: Mineral Washing Direct Source: Surface Water - Fresh Point: RIVER PIDDLE AT BINNEGAR, EAST STOKE Data Type: Point Name: Hanson Quarry Products Europe Ltd Easting: 387700 Northing: 89200	Annual Volume (m ³): 204573 Max Daily Volume (m ³): 818.29 Original Application No: NPS/WR/017665 Original Start Date: 01/08/1969 Expiry Date: - Issue No: 102 Version Start Date: 08/10/2014 Version End Date: -

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

5.8 Potable abstractions

Records within 2000m

0

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

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



5.9 Source Protection Zones

Records within 500m

0

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

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

5.10 Source Protection Zones (confined aquifer)

Records within 500m

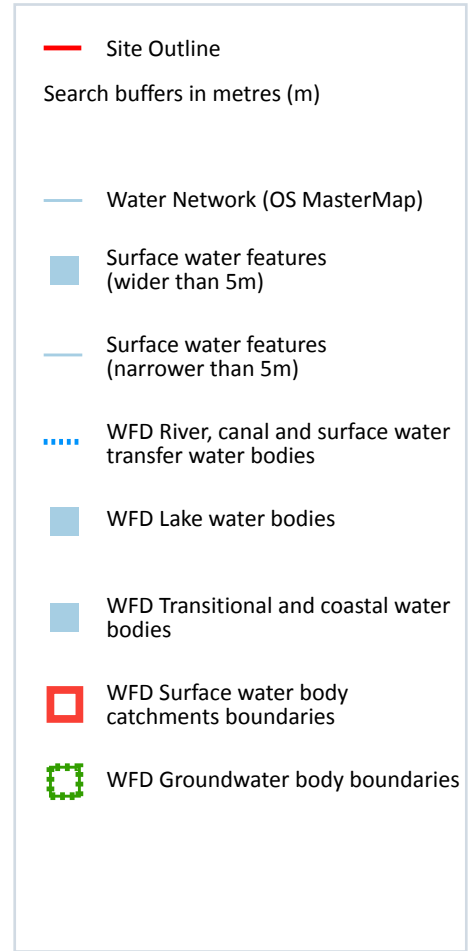
0

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

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



6 Hydrology



6.1 Water Network (OS MasterMap)

Records within 250m

9

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

Features are displayed on the Hydrology map on [page 49 >](#)

ID	Location	Type of water feature	Ground level	Permanence	Name
B	80m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

ID	Location	Type of water feature	Ground level	Permanence	Name
C	114m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	114m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
B	118m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	147m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	149m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
B	157m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	177m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
D	188m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m

10

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

Features are displayed on the Hydrology map on [page 49 >](#)

This data is sourced from the Ordnance Survey.



6.3 WFD Surface water body catchments

Records on site

2

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 49](#) >

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
1	On site	River	Piddle (Lower)	GB108044010080	Poole Harbour Rivers	Dorset
A	On site	River	Wareham Forest Stream	GB108044010050	Poole Harbour Rivers	Dorset

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

6.4 WFD Surface water bodies

Records identified

2

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

Features are displayed on the Hydrology map on [page 49](#) >

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
-	1090m SW	River	Piddle (Lower)	GB108044010080 ↗	Moderate	Fail	Moderate	2019
-	1674m N	River	Wareham Forest Stream	GB108044010050 ↗	Bad	Fail	Bad	2019

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



6.5 WFD Groundwater bodies

Records on site

1

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

Features are displayed on the Hydrology map on [page 49 >](#)

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
2	On site	Lower Frome and Piddle	GB40802G805600 ↗	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

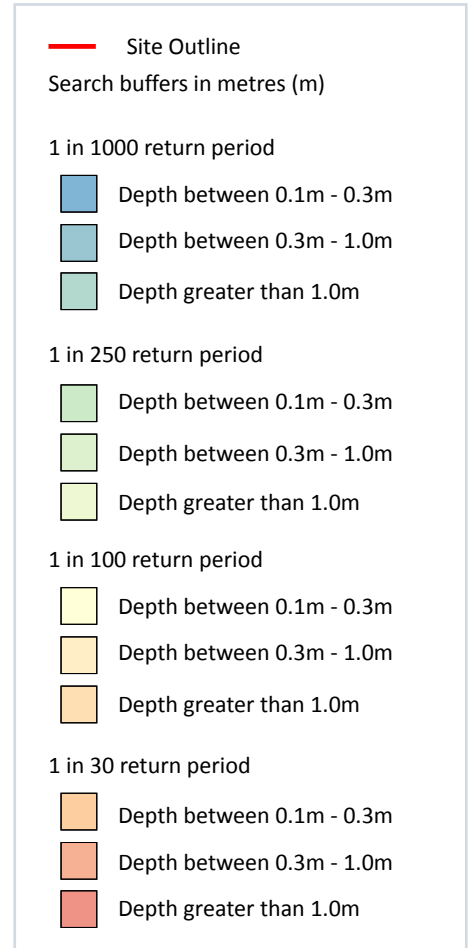
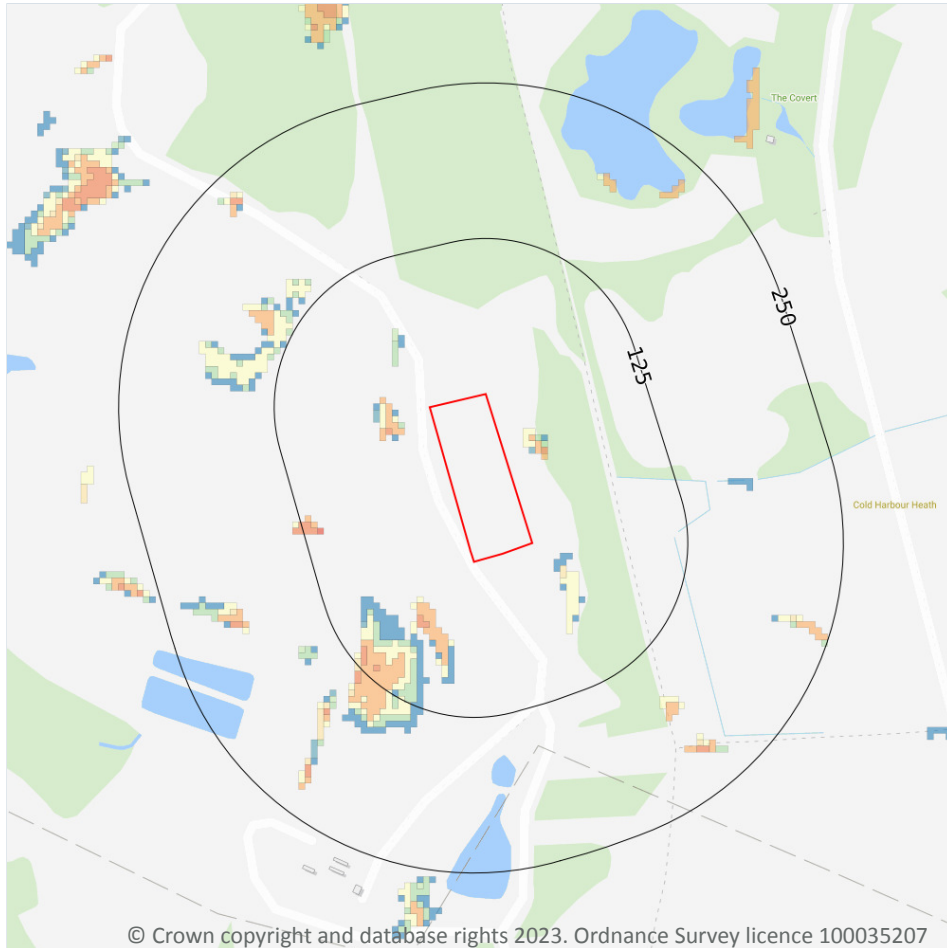
0

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 30 year, 0.3m - 1.0m

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

Features are displayed on the Surface water flooding map on [page 56 >](#)

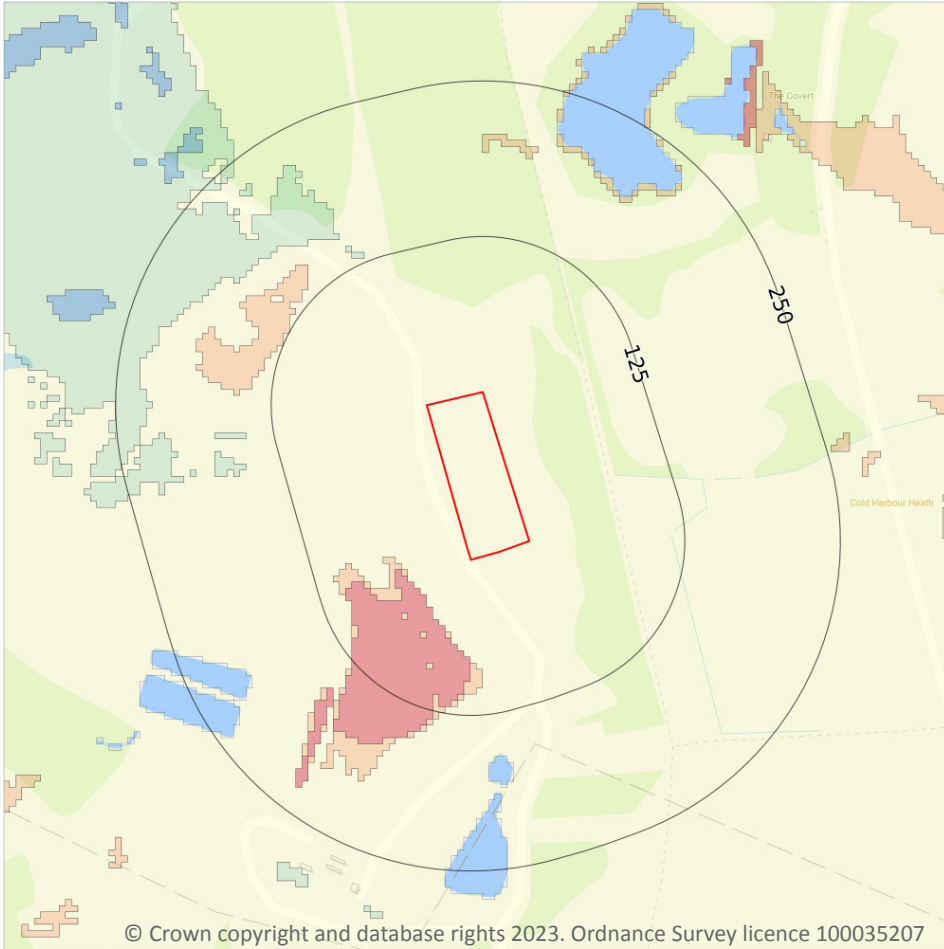
The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.

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

Highest risk within 50m

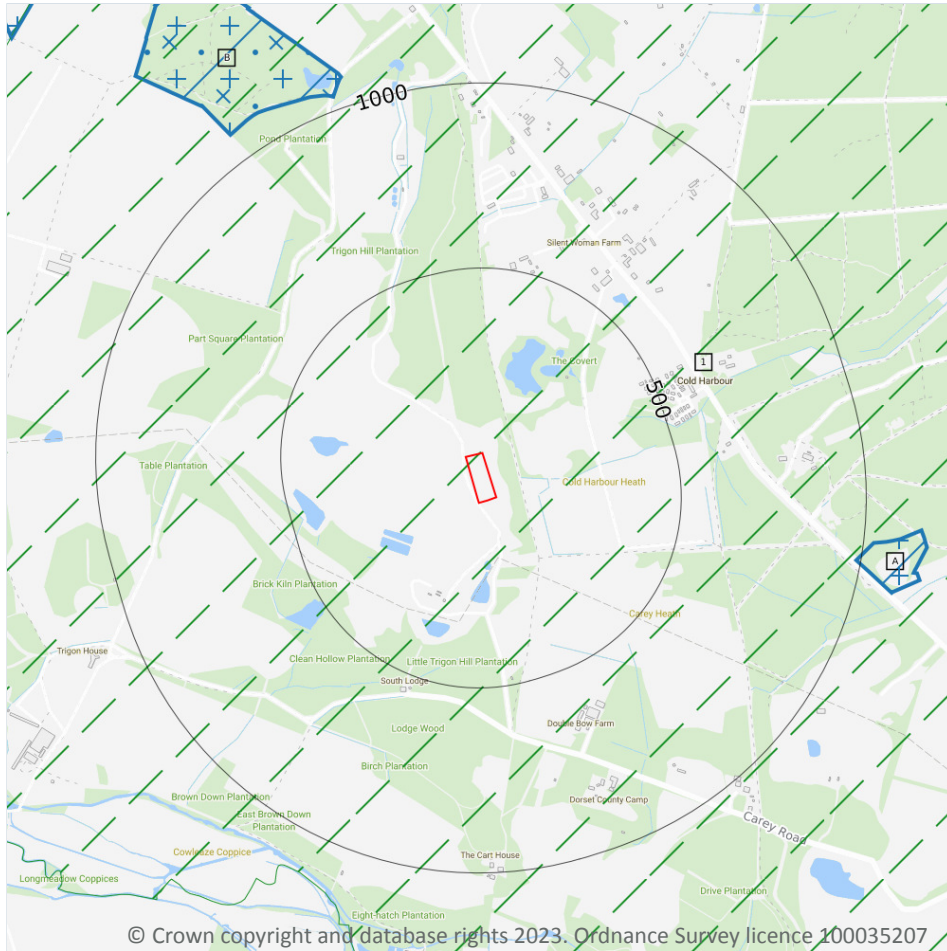
High

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

Features are displayed on the Groundwater flooding map on [page 58 >](#)

This data is sourced from Ambiantal Risk Analytics.

10 Environmental designations



- Site Outline
- Search buffers in metres (m)
- / Sites of Special Scientific Interest (SSSI)
- X Conserved wetland sites (Ramsar sites)
- + Special Areas of Conservation (SAC)
- Special Protection Areas (SPA)
- X National Nature Reserves (NNR)
- / Green Belt

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

5

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 59](#) >

ID	Location	Name	Data source
A	988m E	Morden Bog and Hyde Heath	Natural England



ID	Location	Name	Data source
B	1037m N	Morden Bog and Hyde Heath	Natural England
-	1386m N	Morden Bog and Hyde Heath	Natural England
D	1533m NW	Morden Bog and Hyde Heath	Natural England
-	1991m SW	Stokeford Heaths	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

4

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 59 >](#)

ID	Location	Site	Details
B	1036m 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>



ID	Location	Site	Details
-	1385m 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>
D	1533m 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
-	1990m SW	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

6

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 59](#) >



ID	Location	Name	Features of interest	Habitat description	Data source
A	988m E	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	1037m 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
-	1386m 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



ID	Location	Name	Features of interest	Habitat description	Data source
-	1426m E	Dorset Heaths (Purbeck & Wareham) & Studland Dunes	Intertidal mudflats and sandflats; Annual vegetation of drift lines; Shifting dunes; Shifting dunes with marram; Dune grassland; Coastal dune heathland; Humid dune slacks; Nutrient-poor shallow waters with aquatic vegetation on sandy plains; 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.	Heath, Scrub, Maquis and Garrigue, Phygrana; Coniferous woodland; Mixed woodland; Dry grassland, Steppes; Broad-leaved deciduous woodland; Bogs, Marshes, Water fringed vegetation, Fens; Inland water bodies (Standing water, Running water); Coastal sand dunes, Sand beaches, Machair	Natural England
D	1533m 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
-	1991m SW	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

4

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

Features are displayed on the Environmental designations map on [page 59](#) >

ID	Location	Name	Species of interest	Habitat description	Data source
B	1037m 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
-	1386m 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
D	1533m 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
-	1991m SW	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

3

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 59](#) >



ID	Location	Name	Data source
-	1585m NE	Morden Bog	Natural England
-	1657m N	Morden Bog	Natural England
-	1659m NE	Morden Bog	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

0

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.

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

10.7 Designated Ancient Woodland

Records within 2000m

0

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

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

10.8 Biosphere Reserves

Records within 2000m

0

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

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



10.9 Forest Parks

Records within 2000m

0

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

This data is sourced from the Forestry Commission.

10.10 Marine Conservation Zones

Records within 2000m

0

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

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

10.11 Green Belt

Records within 2000m

1

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

Features are displayed on the Environmental designations map on [page 59 >](#)

ID	Location	Name	Local Authority name
1	On site	South West Hampshire	Dorset

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

10.12 Proposed Ramsar sites

Records within 2000m

0

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

This data is sourced from Natural England.



10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m

0

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

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

10.14 Potential Special Protection Areas (pSPA)

Records within 2000m

0

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

This data is sourced from Natural England.

10.15 Nitrate Sensitive Areas

Records within 2000m

0

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

This data is sourced from Natural England.

10.16 Nitrate Vulnerable Zones

Records within 2000m

1

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

Location	Name	Type	NVZ ID	Status
On site	Poole Harbour	Eutrophic Water	1	Existing



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



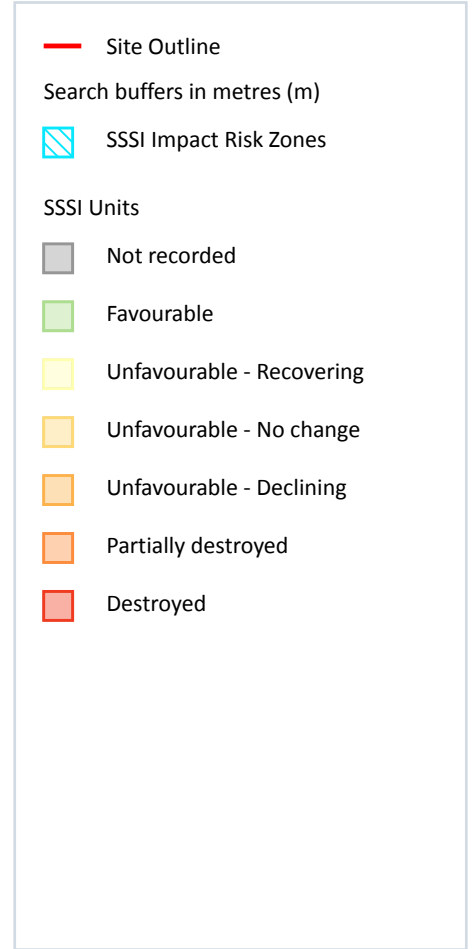
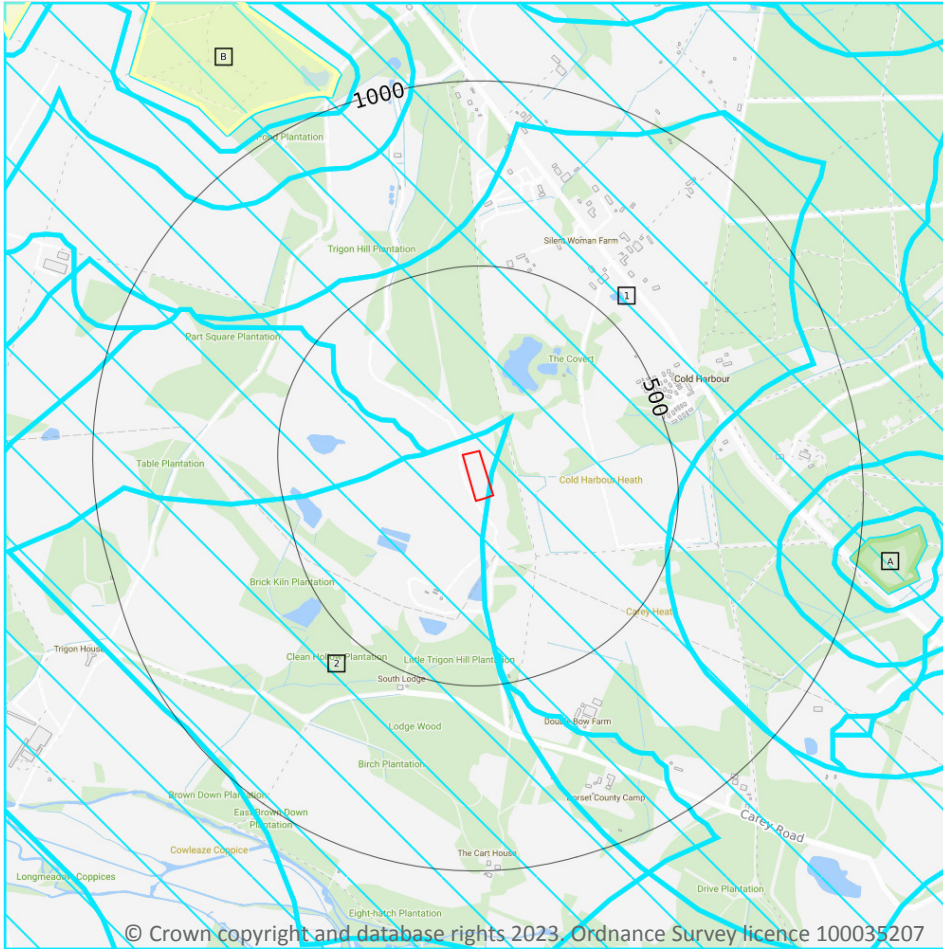
Contact us with any questions at:

info@groundsure.com ↗

01273 257 755

Date: 4 August 2023

SSSI Impact Zones and Units



10.17 SSSI Impact Risk Zones

Records on site

2

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 70](#) >

ID	Location	Type of developments requiring consultation
1	On site	<p>Infrastructure - Pipelines and underground cables, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals.</p> <p>Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines.</p> <p>Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction.</p> <p>Rural non-residential - Large non residential developments outside existing settlements/urban areas where net additional gross internal floorspace is > 1,000m² or footprint exceeds 0.2ha.</p> <p>Residential - Residential development of 50 units or more.</p> <p>Rural residential - Any residential development of 10 or more houses outside existing settlements/urban areas.</p> <p>Air pollution - Any industrial/agricultural development that could cause AIR POLLUTION (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 200m², manure stores > 250t).</p> <p>Combustion - General combustion processes >20MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion.</p> <p>Waste - Landfill. Incl: inert landfill, non-hazardous landfill, hazardous landfill.</p> <p>Composting - Any composting proposal with more than 500 tonnes maximum annual operational throughput. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management.</p> <p>Discharges - Any discharge of water or liquid waste of more than 2m³/day 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> <p>Notes: Strategic solutions for recreational impacts are in place. Please contact your Local Planning Authority as they have the information to advise on specific requirements. NUTRIENT IMPACT AREA. For new development with overnight accommodation Reg 63 of the Conservation of Habitats and Species Regulations 2017 must be applied and additional measures required. LPA to refer to Natural England's Nutrient Neutrality advice.</p>

ID	Location	Type of developments requiring consultation
2	On site	<p>Infrastructure - Pipelines and underground cables, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals.</p> <p>Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines.</p> <p>Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction.</p> <p>Rural non-residential - Large non residential developments outside existing settlements/urban areas where footprint exceeds 1ha.</p> <p>Residential - Residential development of 50 units or more.</p> <p>Rural residential - Any residential development of 50 or more houses outside existing settlements/urban areas.</p> <p>Air pollution - Any industrial/agricultural development that could cause AIR POLLUTION (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 200m², manure stores > 250t).</p> <p>Combustion - General combustion processes >20MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion.</p> <p>Waste - Landfill. Incl: inert landfill, non-hazardous landfill, hazardous landfill.</p> <p>Composting - Any composting proposal with more than 75000 tonnes maximum annual operational throughput. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management.</p> <p>Discharges - Any discharge of water or liquid waste of more than 5m³/day 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 total net additional gross internal floorspace following development is 1,000m² or more.</p> <p>Notes: Strategic solutions for recreational impacts are in place. Please contact your Local Planning Authority as they have the information to advise on specific requirements. NUTRIENT IMPACT AREA. For new development with overnight accommodation Reg 63 of the Conservation of Habitats and Species Regulations 2017 must be applied and additional measures required. LPA to refer to Natural England's Nutrient Neutrality advice.</p>

This data is sourced from Natural England.

10.18 SSSI Units

Records within 2000m

25

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 70 >](#)

ID:	A
Location:	988m E
SSSI name:	Morden Bog and Hyde Heath
Unit name:	Northport Pit
Broad habitat:	Dwarf Shrub Heath - Lowland
Condition:	Favourable



Reportable features:

Feature name	Feature condition	Date of assessment
H4030 European dry heaths	Favourable	25/09/2015

ID: B
 Location: 1037m N
 SSSI name: Morden Bog and Hyde Heath
 Unit name: Charlie Wight Heath
 Broad habitat: Dwarf Shrub Heath - Lowland
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
H4030 European dry heaths	Unfavourable - Recovering	19/08/2010

ID: -
 Location: 1386m N
 SSSI name: Morden Bog and Hyde Heath
 Unit name: West Arm South
 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	15/03/2010
H4030 European dry heaths	Unfavourable - Recovering	15/03/2010

ID: -
 Location: 1426m E
 SSSI name: Morden Bog and Hyde Heath
 Unit name: Northport 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	18/02/2010



Feature name	Feature condition	Date of assessment
H4020 Temp Atlantic wet heaths with Erica ciliaris and E. tetralix	Unfavourable - Recovering	18/02/2010
H4030 European dry heaths	Favourable	18/02/2010
H7150 Depressions on peat substrates of the Rhynchosporion	Unfavourable - Recovering	18/02/2010

ID: -
 Location: 1434m E
 SSSI name: Morden Bog and Hyde Heath
 Unit name: Northport 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	18/02/2010
H4020 Temp Atlantic wet heaths with Erica ciliaris and E. tetralix	Unfavourable - Recovering	18/02/2010
H4030 European dry heaths	Favourable	18/02/2010
H7150 Depressions on peat substrates of the Rhynchosporion	Unfavourable - Recovering	18/02/2010

ID: -
 Location: 1435m E
 SSSI name: Morden Bog and Hyde Heath
 Unit name: Philshilitoes
 Broad habitat: Dwarf Shrub Heath - Lowland
 Condition: Favourable
 Reportable features:

Feature name	Feature condition	Date of assessment
H4030 European dry heaths	Favourable	12/03/2010

ID: -
 Location: 1474m N
 SSSI name: Morden Bog and Hyde Heath
 Unit name: West Arm
 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	15/03/2010
H4030 European dry heaths	Favourable	15/03/2010
H7150 Depressions on peat substrates of the Rhynchosporion	Unfavourable - Recovering	15/03/2010

ID: 18
Location: 1533m NW
SSSI name: Morden Bog and Hyde Heath
Unit name: Trigon
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	19/08/2010
H4030 European dry heaths	Favourable	19/08/2010
H7150 Depressions on peat substrates of the Rhynchosporion	Favourable	19/08/2010

ID: -
Location: 1555m NE
SSSI name: Morden Bog and Hyde Heath
Unit name: Morden Bog South
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	24/03/2015
H4020 Temp Atlantic wet heaths with Erica ciliaris and E. tetralix	Favourable	24/03/2015
H4030 European dry heaths	Favourable	24/03/2015
H7150 Depressions on peat substrates of the Rhynchosporion	Unfavourable - Recovering	24/03/2015
Invert. assemblage W312 sphagnum bog	Unfavourable - Recovering	24/03/2015
Lowland fens, including basin, flood-plain, open water transition and valley fens	Unfavourable - Recovering	24/03/2015
Nightjar, <i>Caprimulgus europaeus</i> - A224, b	Favourable	24/03/2015



ID: -
 Location: 1584m NE
 SSSI name: Morden Bog and Hyde Heath
 Unit name: West Arm South
 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	15/03/2010
H4030 European dry heaths	Unfavourable - Recovering	15/03/2010

ID: -
 Location: 1631m NE
 SSSI name: Morden Bog and Hyde Heath
 Unit name: South Decoy Bog
 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	18/02/2010
H4020 Temp Atlantic wet heaths with Erica ciliaris and E. tetralix	Unfavourable - Recovering	18/02/2010
H4030 European dry heaths	Unfavourable - Recovering	18/02/2010
H7150 Depressions on peat substrates of the Rhynchosporion	Unfavourable - Recovering	18/02/2010

ID: -
 Location: 1632m NW
 SSSI name: Morden Bog and Hyde Heath
 Unit name: Wembere 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	19/08/2010
H4030 European dry heaths	Unfavourable - Recovering	19/08/2010
H7150 Depressions on peat substrates of the Rhynchosporion	Unfavourable - Recovering	19/08/2010



ID: -
 Location: 1700m N
 SSSI name: Morden Bog and Hyde Heath
 Unit name: 24
 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	24/05/2010
H4030 European dry heaths	Unfavourable - Recovering	24/05/2010
H7150 Depressions on peat substrates of the Rhynchosporion	Unfavourable - Recovering	24/05/2010

ID: -
 Location: 1738m N
 SSSI name: Morden Bog and Hyde Heath
 Unit name: West Decoy Bog
 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
H7150 Depressions on peat substrates of the Rhynchosporion	Not Recorded	01/01/1900

ID: -
 Location: 1771m E
 SSSI name: Morden Bog and Hyde Heath
 Unit name: 8
 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	21/04/2015
H4020 Temp Atlantic wet heaths with Erica ciliaris and E. tetralix	Unfavourable - Recovering	21/04/2015
H4030 European dry heaths	Unfavourable - Recovering	21/04/2015



Feature name	Feature condition	Date of assessment
H7150 Depressions on peat substrates of the Rhynchosporion	Unfavourable - Recovering	21/04/2015

ID: -
 Location: 1795m N
 SSSI name: Morden Bog and Hyde Heath
 Unit name: Birchwood Tourist Park
 Broad habitat: Dwarf Shrub Heath - Lowland
 Condition: Unfavourable - No change
 Reportable features:

Feature name	Feature condition	Date of assessment
H4010 Northern Atlantic wet heaths with Erica tetralix	Unfavourable - No change	16/03/2010
H4030 European dry heaths	Unfavourable - No change	16/03/2010

ID: -
 Location: 1798m E
 SSSI name: Morden Bog and Hyde Heath
 Unit name: Northport 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	18/02/2010
H4020 Temp Atlantic wet heaths with Erica ciliaris and E. tetralix	Unfavourable - Recovering	18/02/2010
H4030 European dry heaths	Favourable	18/02/2010
H7150 Depressions on peat substrates of the Rhynchosporion	Unfavourable - Recovering	18/02/2010

ID: -
 Location: 1818m N
 SSSI name: Morden Bog and Hyde Heath
 Unit name: West Arm South
 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	15/03/2010
H4030 European dry heaths	Unfavourable - Recovering	15/03/2010

ID: -
 Location: 1837m N
 SSSI name: Morden Bog and Hyde Heath
 Unit name: Old Ram Plantation
 Broad habitat: Dwarf Shrub Heath - Lowland
 Condition: Unfavourable - Declining
 Reportable features:

Feature name	Feature condition	Date of assessment
H4010 Northern Atlantic wet heaths with Erica tetralix	Unfavourable - Declining	16/03/2010
H4030 European dry heaths	Unfavourable - Declining	16/03/2010

ID: -
 Location: 1892m NE
 SSSI name: Morden Bog and Hyde Heath
 Unit name: Morden Bog Nnr Central
 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	16/11/2010
H4020 Temp Atlantic wet heaths with Erica ciliaris and E. tetralix	Favourable	16/11/2010
H4030 European dry heaths	Favourable	16/11/2010
H7150 Depressions on peat substrates of the Rhynchosporion	Favourable	16/11/2010
H91D0 Bog woodland	Unfavourable - Recovering	16/11/2010

ID: -
 Location: 1904m E
 SSSI name: Morden Bog and Hyde Heath
 Unit name: W.great Ovens
 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
H4020 Temp Atlantic wet heaths with Erica ciliaris and E. tetralix	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: 1929m E
 SSSI name: Morden Bog and Hyde Heath
 Unit name: Northport 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	18/02/2010
H4020 Temp Atlantic wet heaths with Erica ciliaris and E. tetralix	Unfavourable - Recovering	18/02/2010
H4030 European dry heaths	Favourable	18/02/2010
H7150 Depressions on peat substrates of the Rhynchosporion	Unfavourable - Recovering	18/02/2010

ID: -
 Location: 1945m NE
 SSSI name: Morden Bog and Hyde Heath
 Unit name: West Arm South
 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	15/03/2010
H4030 European dry heaths	Unfavourable - Recovering	15/03/2010



ID: -
 Location: 1991m SW
 SSSI name: Stokeford Heaths
 Unit name: Ford Heath
 Broad habitat: Dwarf Shrub Heath - Lowland
 Condition: Favourable
 Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of breeding birds - Dartford warbler, <i>Sylvia undata</i>	Not Recorded	01/01/1900
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
Sand lizard, <i>Lacerta agilis</i>	Not Recorded	01/01/1900
Smooth snake, <i>Coronella austriaca</i>	Not Recorded	01/01/1900
Vascular plant assemblage	Not Recorded	01/01/1900

ID: -
 Location: 1997m NW
 SSSI name: Morden Bog and Hyde Heath
 Unit name: Trigon Hct
 Broad habitat: Dwarf Shrub Heath - Lowland
 Condition: Favourable
 Reportable features:

Feature name	Feature condition	Date of assessment
H4030 European dry heaths	Favourable	02/08/2004

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

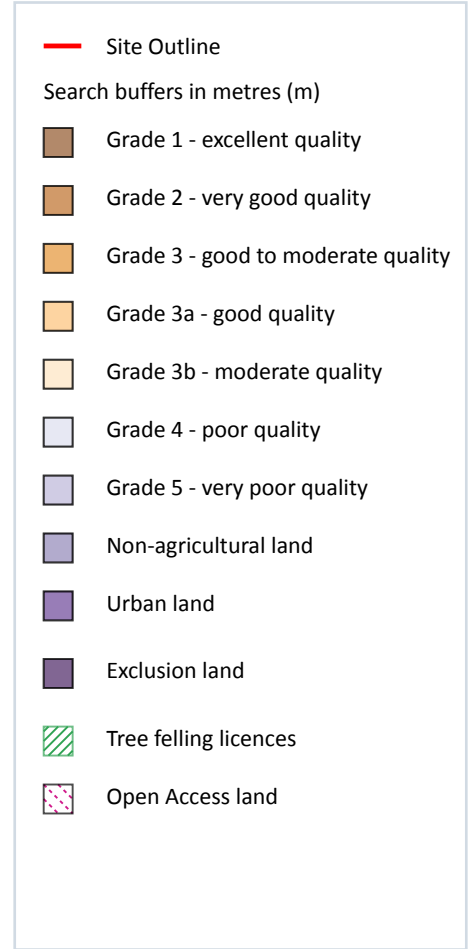
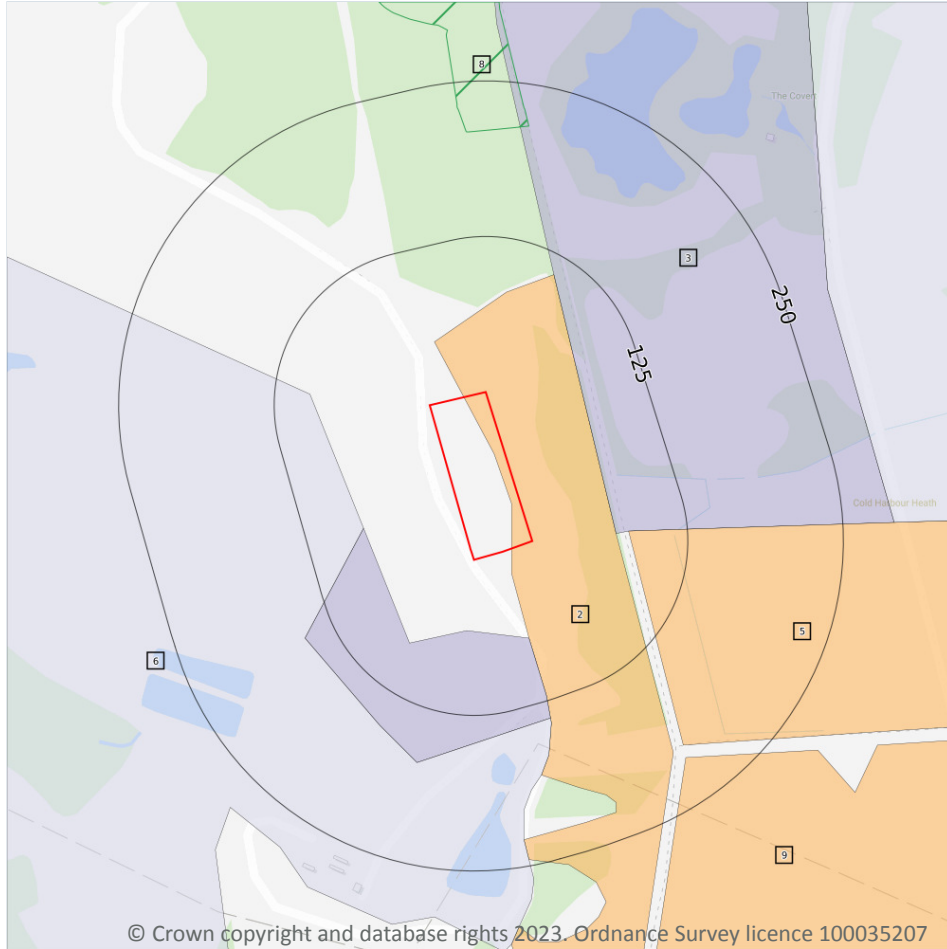
0

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

5

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 84](#) >

ID	Location	Classification	Description
2	On site	Grade 3a	Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.

ID	Location	Classification	Description
3	57m S	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.
5	78m E	Grade 3a	Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.
6	78m SW	Grade 4	Poor quality agricultural land. Land with severe limitations which significantly restrict the range of crops and/or level of yields. It is mainly suited to grass with occasional arable crops (e.g. cereals and forage crops) the yields of which are variable. In moist climates, yields of grass may be moderate to high but there may be difficulties in utilisation. The grade also includes very droughty arable land.
9	213m SE	Grade 3a	Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.

This data is sourced from Natural England.

12.2 Open Access Land

Records within 250m

0

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

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

12.3 Tree Felling Licences

Records within 250m

1

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

Features are displayed on the Agricultural designations map on [page 84 >](#)

ID	Location	Description	Reference	Application date
8	210m N	Selective Fell/Thin (Conditional)	019/79/09-10	17/07/2009

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

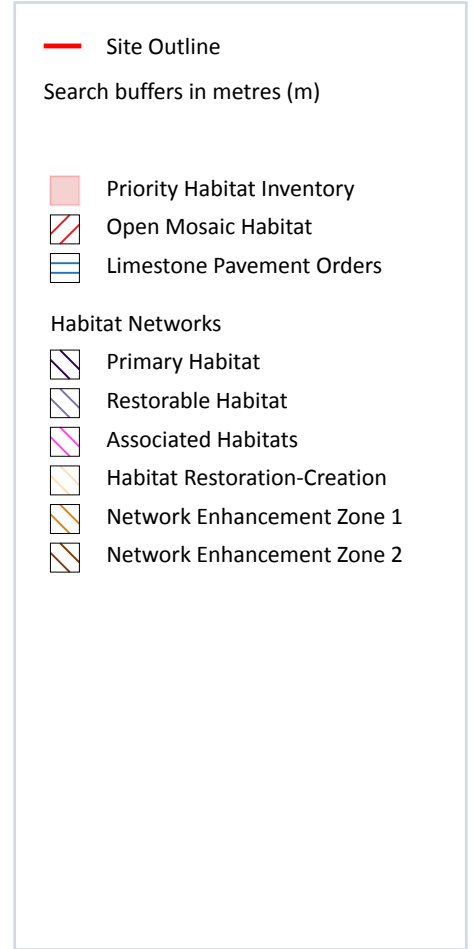
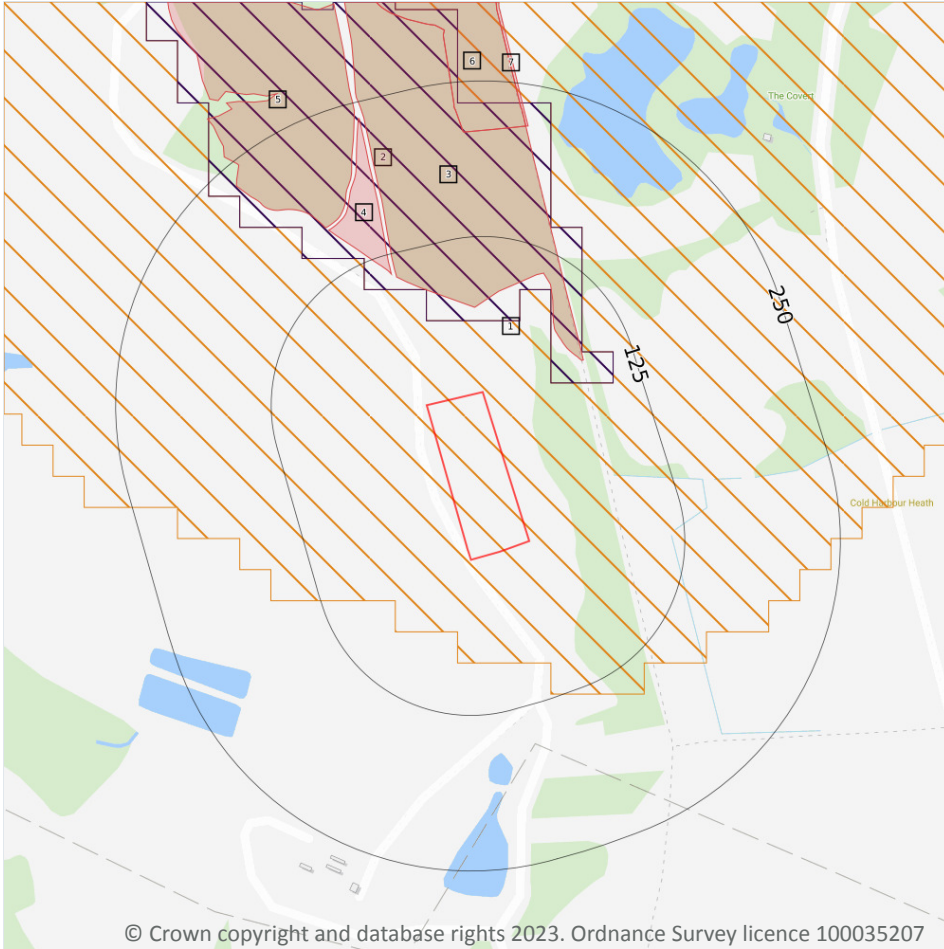
0

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



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13.1 Priority Habitat Inventory

Records within 250m

5

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 87](#) >

ID	Location	Main Habitat	Other habitats
3	68m N	Lowland heathland	Main habitat: LHEAT (INV > 50%); Additional: DWOOD (INV 50%)
4	109m NW	Lowland heathland	Main habitat: LHEAT (INV > 50%)
5	164m NW	Lowland heathland	Main habitat: LHEAT (INV > 50%)
6	210m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)



ID	Location	Main Habitat	Other habitats
7	217m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m

2

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 87](#) >

ID	Location	Type	Habitat
1	On site	Network Enhancement Zone 1	Not specified
2	55m NE	Primary Habitat	Lowland heathland

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

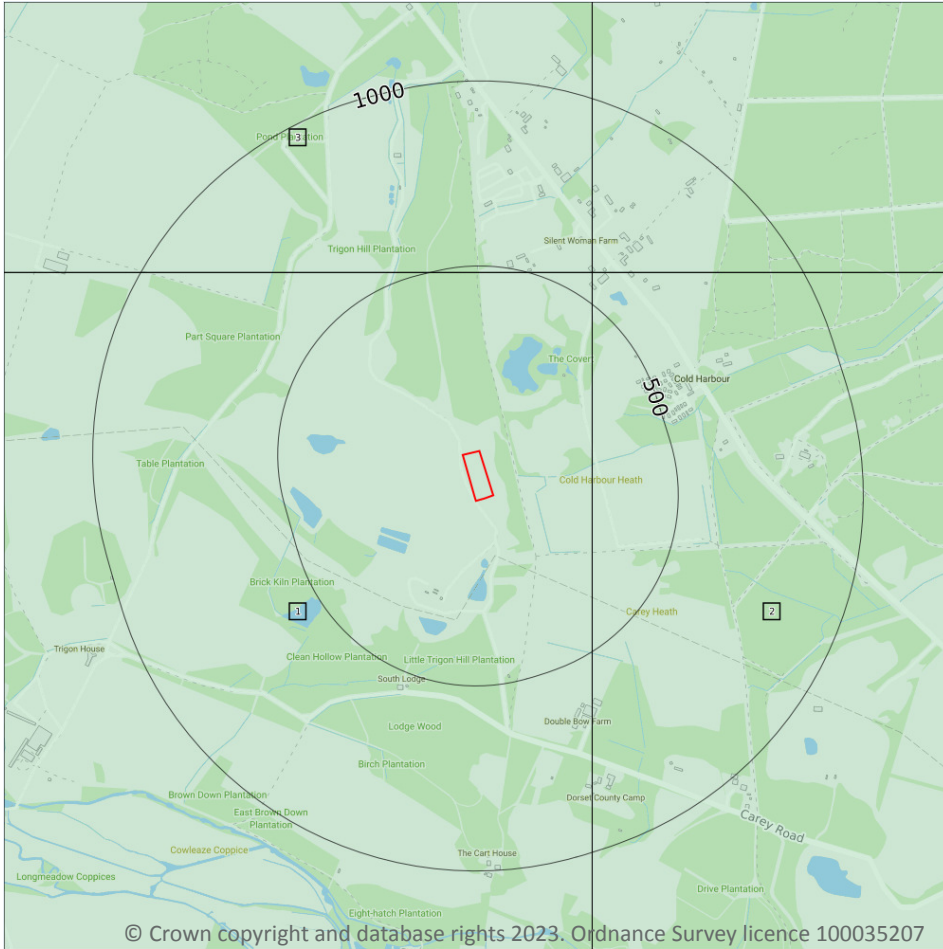
0

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

3

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.

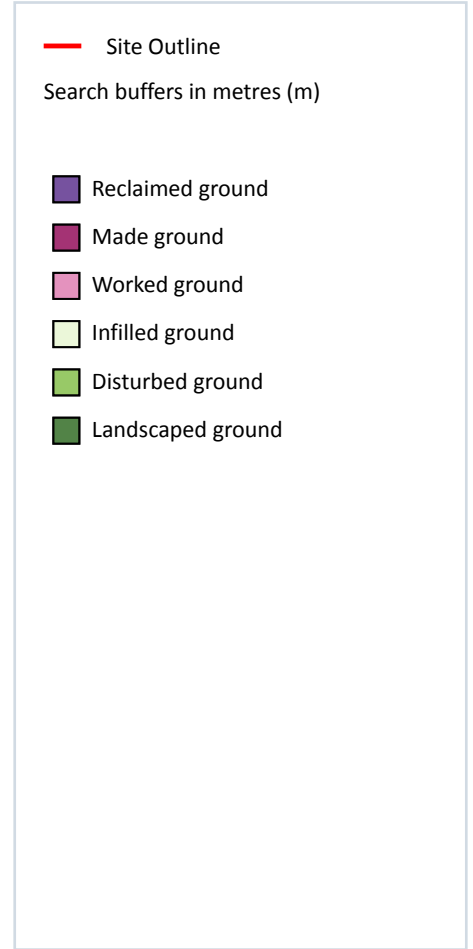
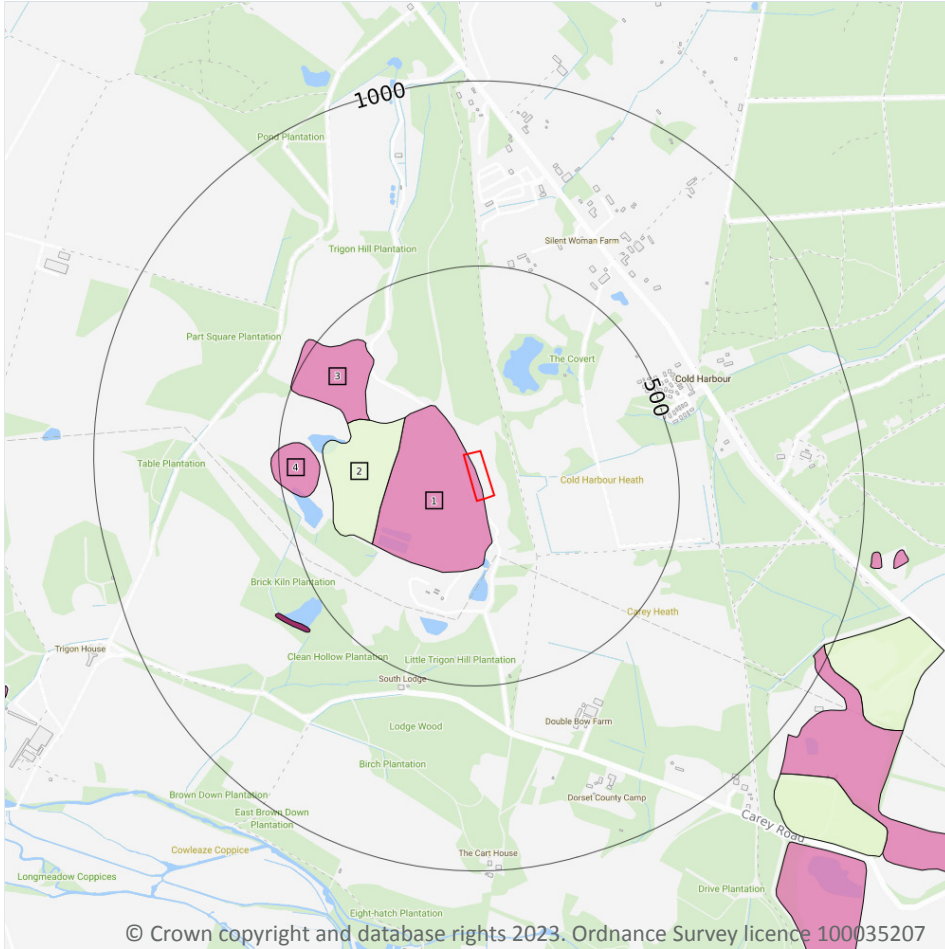
Features are displayed on the Geology 1:10,000 scale - Availability map on [page 89](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	No coverage	SY88NE
2	267m E	Full	Full	Full	No coverage	SY98NW
3	482m N	Full	Full	Full	No coverage	SY89SE

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

4

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

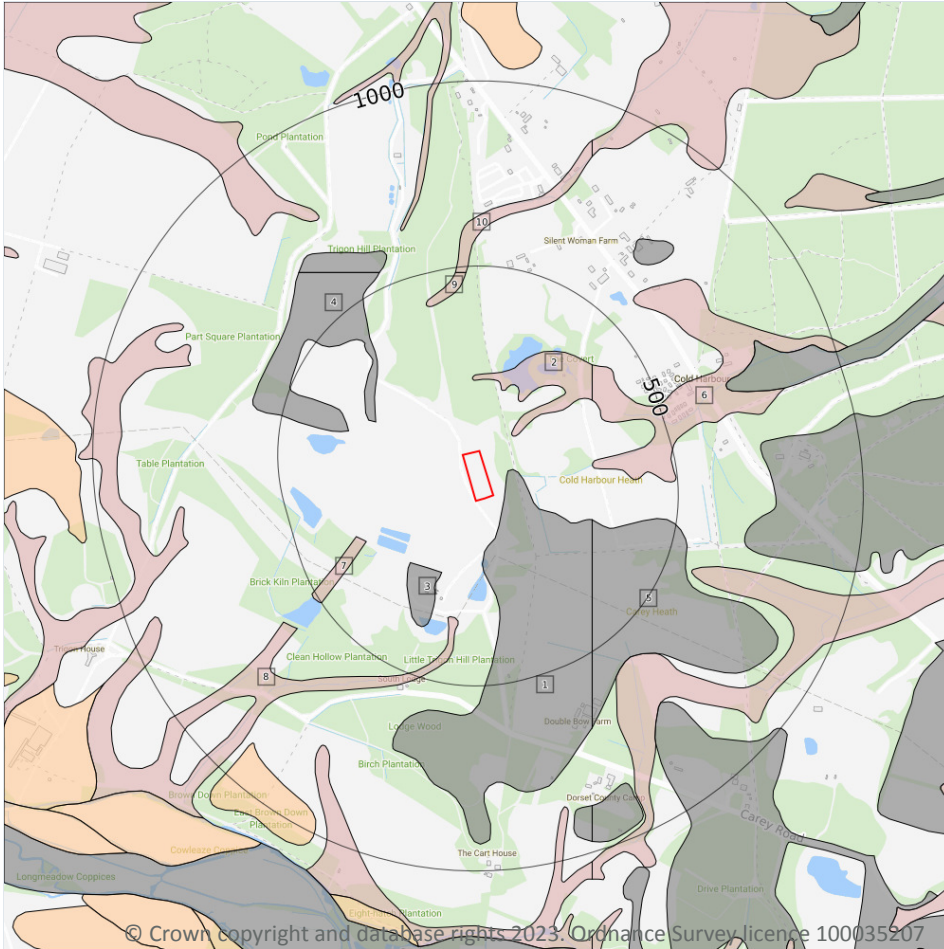
Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on [page 90](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	WGR-UKNOWN	Worked Ground (Undivided)	Unknown/unclassified Entry
2	175m NW	WMGR-UKNOWN	Infilled Ground	Unknown/unclassified Entry
3	271m NW	WGR-UKNOWN	Worked Ground (Undivided)	Unknown/unclassified Entry
4	390m W	WGR-UKNOWN	Worked Ground (Undivided)	Unknown/unclassified Entry

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Superficial



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

14.3 Superficial geology (10k)

Records within 500m

10

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

Features are displayed on the Geology 1:10,000 scale - Superficial map on [page 92 >](#)

ID	Location	LEX Code	Description	Rock description
1	31m SE	RTD8-V	River Terrace Deposits, 8 - Gravel (unlithified Deposits Coding Scheme)	Gravel
2	98m NE	HEAD-DMTN	Head - Diamicton	Diamicton



ID	Location	LEX Code	Description	Rock description
3	214m S	RTD8-V	River Terrace Deposits, 8 - Gravel (unlithified Deposits Coding Scheme)	Gravel
4	251m NW	RTDX-V	River Terrace Deposits, 10 - Gravel (unlithified Deposits Coding Scheme)	Gravel
5	275m E	RTD8-V	River Terrace Deposits, 8 - Gravel (unlithified Deposits Coding Scheme)	Gravel
6	280m E	HEAD-DMTN	Head - Diamicton	Diamicton
7	316m SW	HEAD-DMTN	Head - Diamicton	Diamicton
8	320m S	HEAD-DMTN	Head - Diamicton	Diamicton
9	410m N	HEAD-DMTN	Head - Diamicton	Diamicton
10	484m N	HEAD-DMTN	Head - Diamicton	Diamicton

This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

Records within 500m

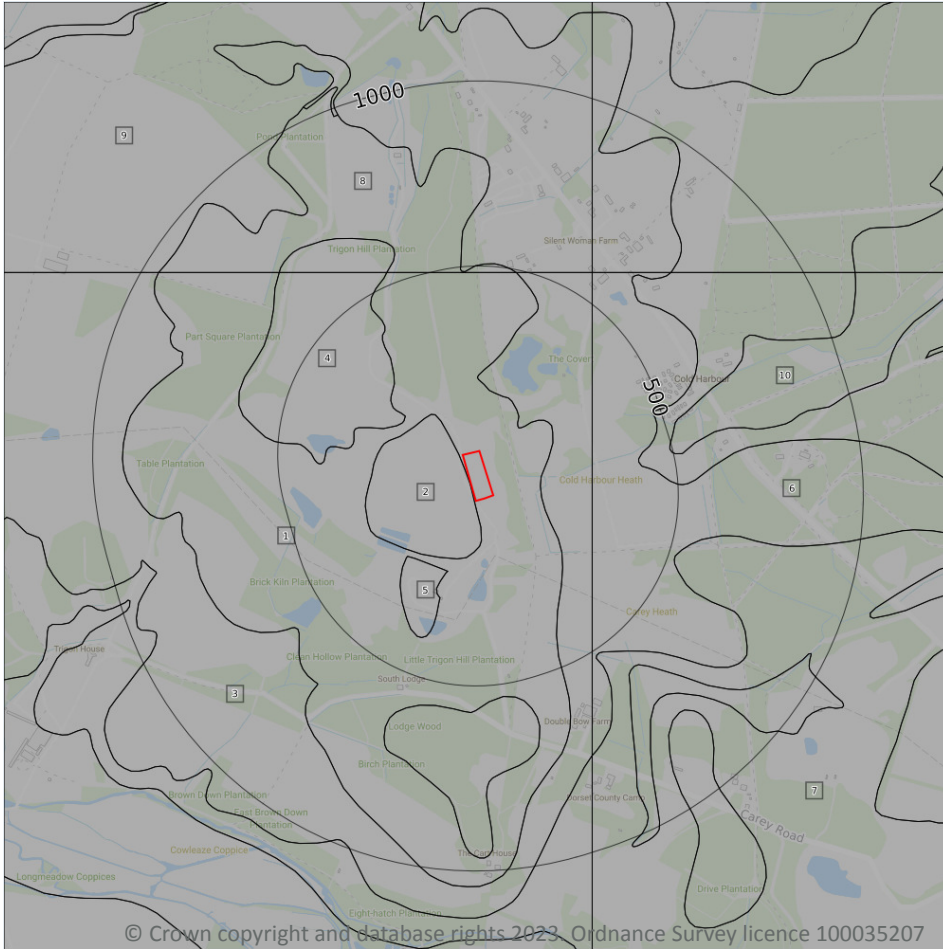
0

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

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Bedrock



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

14.5 Bedrock geology (10k)

Records within 500m

10

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

Features are displayed on the Geology 1:10,000 scale - Bedrock map on [page 94](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	PKC-CLAY	Parkstone Clay Member - Clay	Lutetian Age
2	2m SW	BRTC-CLAY	Broadstone Clay Member - Clay	Lutetian Age
3	124m NE	BRTC-CLAY	Broadstone Clay Member - Clay	Lutetian Age

ID	Location	LEX Code	Description	Rock age
4	184m NW	BRKS-SANDU	Branksome Sand Formation - Sand	Lutetian Age
5	205m S	BRKS-SANDU	Branksome Sand Formation - Sand	Lutetian Age
6	267m E	BRTC-CLAY	Broadstone Clay Member - Clay	Lutetian Age
7	403m E	POOL-SANDU	Poole Formation - Sand	Lutetian Age - Ypresian Age
8	482m N	PKC-CLAY	Parkstone Clay Member - Clay	Lutetian Age
9	486m N	BRTC-CLAY	Broadstone Clay Member - Clay	Lutetian Age
10	493m E	OAKC-CLAY	Oakdale Clay Member - Clay	Chattian Age

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m

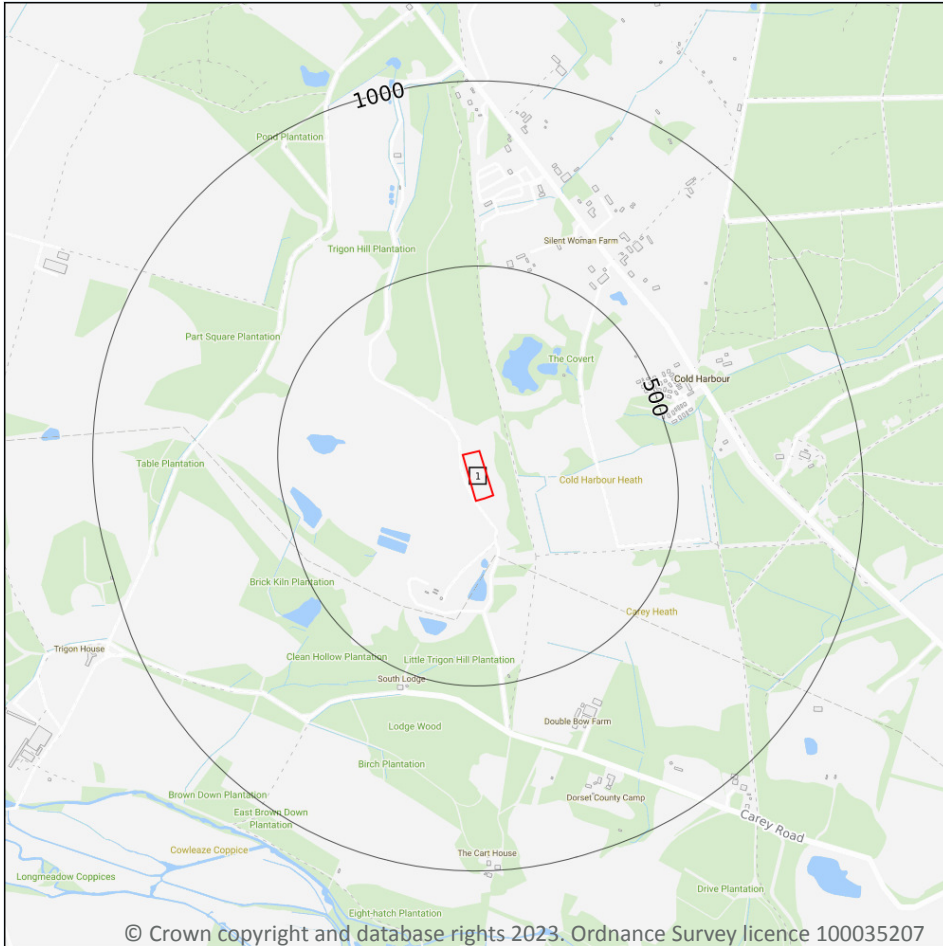
0

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

This data is sourced from the British Geological Survey.



15 Geology 1:50,000 scale - Availability



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

15.1 50k Availability

Records within 500m

1

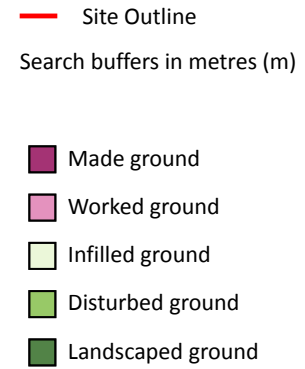
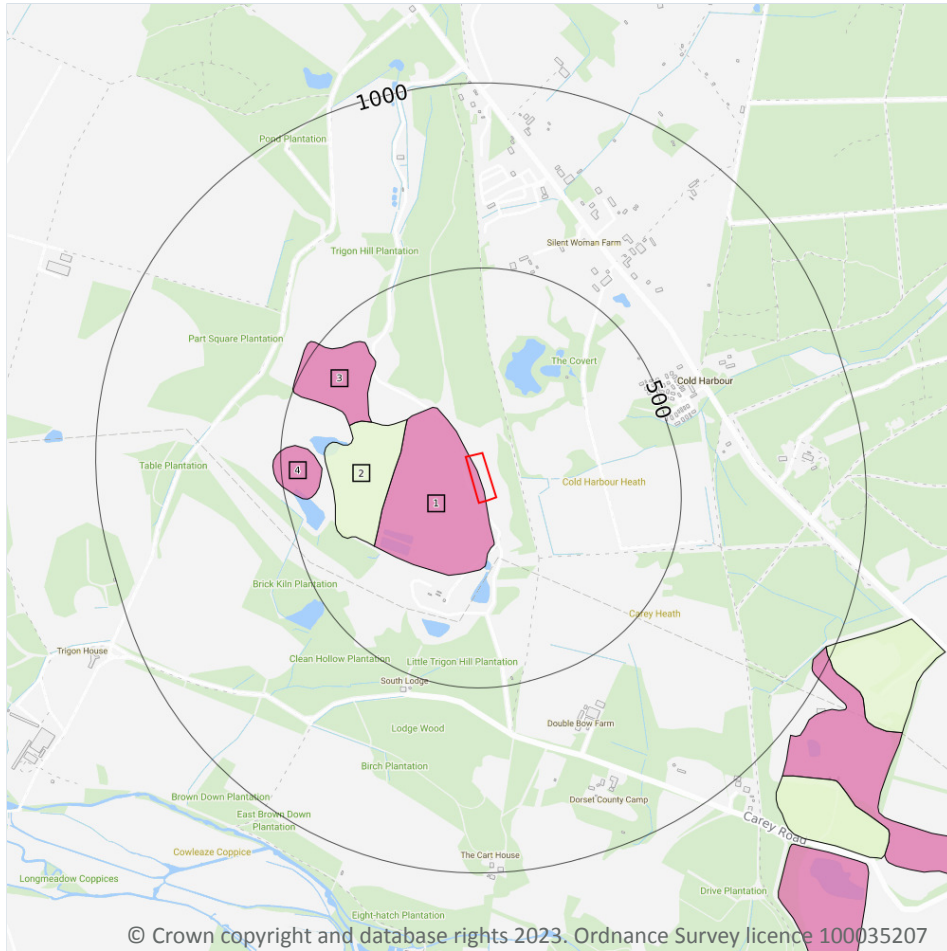
An indication on the coverage of 1:50,000 scale geology data for the site. Either 'Full' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:50,000 scale - Availability map on [page 96](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	EW328_dorchester_v4

This data is sourced from the British Geological Survey.

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



15.2 Artificial and made ground (50k)

Records within 500m

4

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 97 >](#)

ID	Location	LEX Code	Description	Rock description
1	On site	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
2	175m W	WMGR-ARTDP	INFILLED GROUND	ARTIFICIAL DEPOSIT
3	271m NW	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
4	390m W	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID

This data is sourced from the British Geological Survey.

15.3 Artificial ground permeability (50k)

Records within 50m

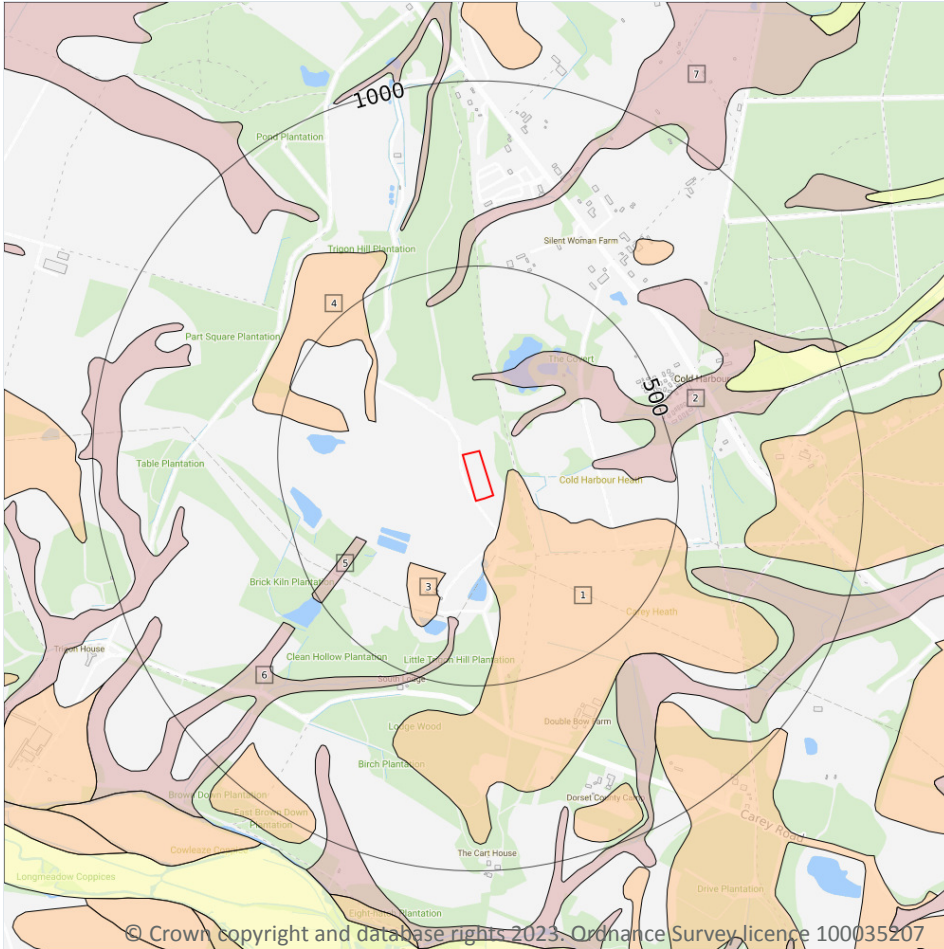
0

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

7

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 99](#) >

ID	Location	LEX Code	Description	Rock description
1	30m SE	RTD8-XSV	RIVER TERRACE DEPOSITS, 8	SAND AND GRAVEL
2	98m NE	HEAD-XCZSV	HEAD	CLAY, SILT, SAND AND GRAVEL
3	212m S	RTD8-XSV	RIVER TERRACE DEPOSITS, 8	SAND AND GRAVEL

ID	Location	LEX Code	Description	Rock description
4	252m NW	RTDX-XSV	RIVER TERRACE DEPOSITS, 10	SAND AND GRAVEL
5	316m SW	HEAD-XCZSV	HEAD	CLAY, SILT, SAND AND GRAVEL
6	321m S	HEAD-XCZSV	HEAD	CLAY, SILT, SAND AND GRAVEL
7	410m N	HEAD-XCZSV	HEAD	CLAY, SILT, SAND AND GRAVEL

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m

1

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

Location	Flow type	Maximum permeability	Minimum permeability
30m SE	Intergranular	Very High	High

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m

0

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

This data is sourced from the British Geological Survey.

15.7 Landslip permeability (50k)

Records within 50m

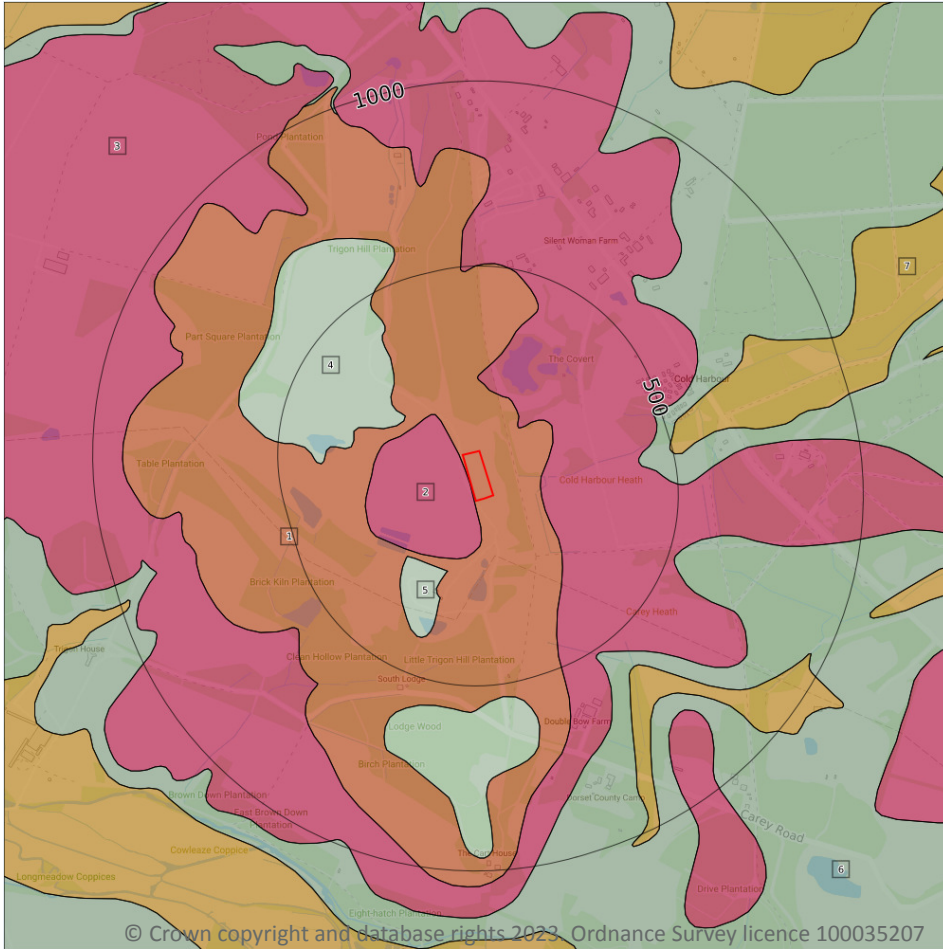
0

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

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Bedrock



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

15.8 Bedrock geology (50k)

Records within 500m

7

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

Features are displayed on the Geology 1:50,000 scale - Bedrock map on [page 101](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	PKC-C	PARKSTONE CLAY MEMBER - CLAY	-
2	2m SW	BRTC-CZ	BROADSTONE CLAY MEMBER - CLAY, SILTY	LUTETIAN
3	124m NE	BRTC-CZ	BROADSTONE CLAY MEMBER - CLAY, SILTY	LUTETIAN
4	184m NW	BRKS-S	BRANKSOME SAND FORMATION - SAND	LUTETIAN



ID	Location	LEX Code	Description	Rock age
5	205m S	BRKS-S	BRANKSOME SAND FORMATION - SAND	LUTETIAN
6	404m E	BRTS-S	BROADSTONE SAND MEMBER - SAND	-
7	494m E	OAKC-C	OAKDALE CLAY MEMBER - CLAY	CHATTIAN

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m

2

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
2m SW	Fracture	Low	Very Low

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m

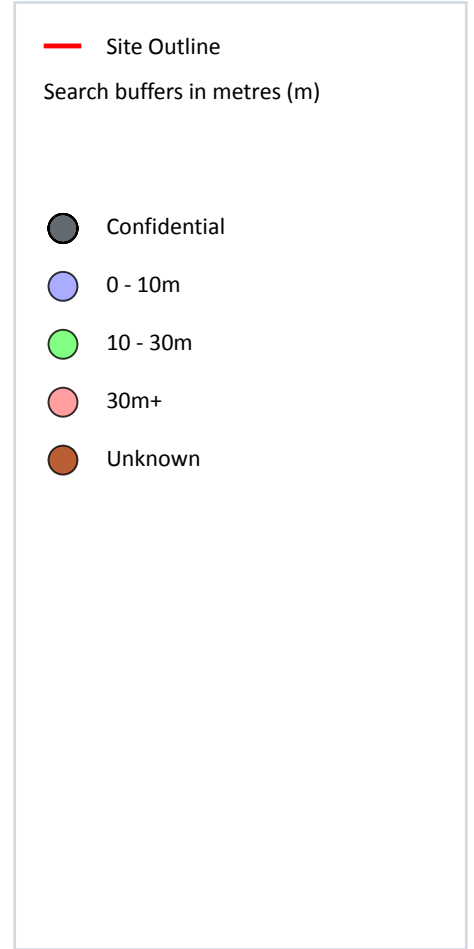
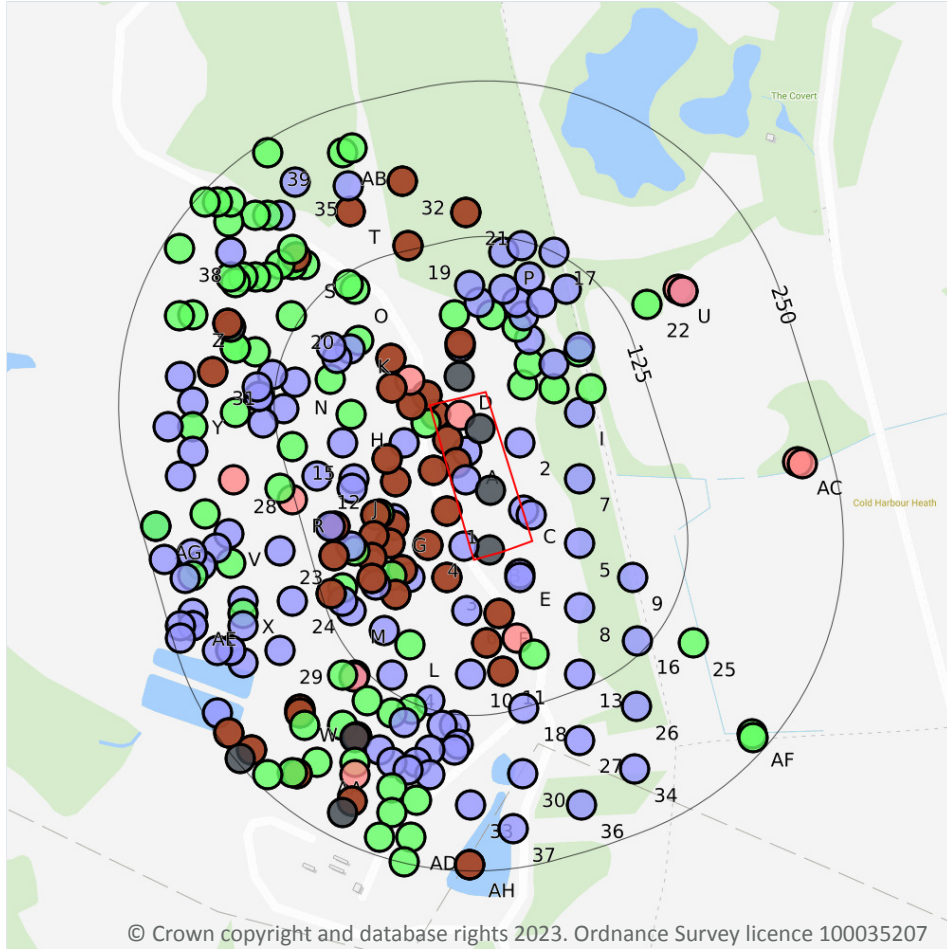
0

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

This data is sourced from the British Geological Survey.



16 Boreholes



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16.1 BGS Boreholes

Records within 250m

247

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 103](#) >

ID	Location	Grid reference	Name	Length	Confidential	Web link
A	On site	389680 89470	TRIGON 87	9.45	N	441872 ↗
A	On site	389655 89500	T005.91	-1.0	N	442430 ↗
A	On site	389665 89479	T4812	-1.0	N	442407 ↗

ID	Location	Grid reference	Name	Length	Confidential	Web link
A	On site	389672 89461	T4810	-1.0	N	442405 ↗
A	On site	389679 89447	TRIGON 4444	9.75	N	442082 ↗
A	On site	389675 89499	TRIGON 4453	33.22	N	442089 ↗
A	On site	389691 89488	TRIGON HILL QUARRY 1TG006GM	-	Y	N/A
A	On site	389699 89439	TRIGON HILL QUARRY 1TG005GM	-	Y	N/A
B	On site	389698 89391	TRIGON HILL QUARRY 1TG004GM	-	Y	N/A
C	1m SE	389726 89423	TRIGON 4448	5.79	N	442086 ↗
B	4m S	389678 89394	TRIGON 4424	7.01	N	442073 ↗
C	6m SE	389732 89419	COLD HARBOUR 1011	5.48	N	442286 ↗
A	7m NW	389647 89493	COLD HARBOUR 1009	10.67	N	442284 ↗
A	8m NW	389648 89515	T004.91	-1.0	N	442429 ↗
1	10m SW	389664 89422	T4827	-1.0	N	442422 ↗
A	12m W	389653 89455	T4811	-1.0	N	442406 ↗
A	14m NW	389636 89507	T4815	-1.0	N	442410 ↗
2	14m NE	389723 89477	TRIGON 4447	7.62	N	442085 ↗
D	17m N	389674 89530	TRIGON HILL QUARRY 1TG007GM	-	Y	N/A
E	21m S	389723 89372	TRIGON 4449	4.27	N	442087 ↗
E	24m S	389723 89369	COLD HARBOUR 1012	5.17	N	442287 ↗
A	26m NW	389634 89527	TRIGON 4450	33.22	N	442088 ↗
3	26m S	389664 89369	T4825	-1.0	N	442420 ↗
A	28m NW	389630 89477	TRIGON 4422	8.53	N	442071 ↗
D	30m NE	389725 89523	TRIGON 4446	10.06	N	442084 ↗
4	32m SW	389649 89395	T4826	-1.0	N	442421 ↗
A	33m NW	389620 89521	T4816	-1.0	N	442411 ↗
5	38m SE	389771 89396	TRIGON 4513	5.79	N	442098 ↗
D	40m N	389675 89554	TRIGON 4445	7.01	N	442083 ↗
6	41m S	389680 89342	TRIGON 4425	6.4	N	442074 ↗
D	41m NE	389730 89540	TRIGON 103	18.9	N	441856 ↗



ID	Location	Grid reference	Name	Length	Confidential	Web link
A	43m W	389623 89446	T4813	-1.0	N	442408 ↗
D	43m N	389675 89557	T5270	-1.0	N	442504 ↗
A	45m W	389616 89464	T4814	-1.0	N	442409 ↗
F	47m S	389706 89340	T4833	-1.0	N	442428 ↗
A	49m NW	389619 89545	T4817	-1.0	N	442412 ↗
7	52m E	389771 89448	TRIGON 4512	7.62	N	442097 ↗
D	53m NE	389750 89520	TRIGON 104	17.98	N	441855 ↗
G	53m SW	389621 89416	TRIGON 4441	8.53	N	442079 ↗
G	54m SW	389634 89369	TRIGON 4429	8.84	N	442077 ↗
G	54m SW	389621 89411	T4821	-1.0	N	442416 ↗
D	55m N	389730 89560	TRIGON 90	9.14	N	441869 ↗
G	57m SW	389628 89375	T4824	-1.0	N	442419 ↗
D	58m N	389720 89570	TRIGON 102	18.29	N	441857 ↗
D	59m NE	389750 89540	TRIGON 89	8.23	N	441870 ↗
G	61m SW	389618 89396	T4819	-1.0	N	442414 ↗
D	63m N	389700 89580	TRIGON 98	10.97	N	441861 ↗
G	63m W	389610 89420	TRIGON 121	12.19	N	441838 ↗
H	64m NW	389587 89500	TRIGON 4443	10.97	N	442081 ↗
G	66m W	389607 89419	T4820	-1.0	N	442415 ↗
8	66m SE	389771 89344	TRIGON 4515	5.49	N	442100 ↗
D	66m N	389670 89580	TRIGON 100	11.89	N	441859 ↗
G	67m SW	389620 89370	TRIGON 122	10.67	N	441837 ↗
I	67m NE	389771 89501	TRIGON 4507	6.4	N	442092 ↗
F	68m S	389696 89316	T4829	-1.0	N	442424 ↗
D	69m N	389726 89579	TRIGON 4509	7.62	N	442094 ↗
G	69m SW	389623 89355	T4900	-1.0	N	442433 ↗
F	70m S	389720 89320	TRIGON DORSET 4451	85.0	N	441700 ↗
G	72m SW	389605 89402	T4822	-1.0	N	442417 ↗



ID	Location	Grid reference	Name	Length	Confidential	Web link
D	73m N	389690 89590	TRIGON 99	9.14	N	441860 ↗
J	75m W	389589 89448	TRIGON 4442	7.32	N	442080 ↗
H	76m W	389580 89477	COLD HARBOUR 1016	5.78	N	442291 ↗
D	76m N	389720 89590	TRIGON 97	9.45	N	441862 ↗
K	77m NW	389593 89559	TRIGON 4423	10.36	N	442072 ↗
G	78m SW	389604 89385	T4823	-1.0	N	442418 ↗
J	78m W	389588 89440	COLD HARBOUR 1017	4.57	N	442292 ↗
K	78m NW	389586 89552	TRIGON 4695	3.34	N	442116 ↗
G	81m SW	389607 89363	COLD HARBOUR 1022	8.84	N	442283 ↗
D	81m NE	389770 89550	TRIGON 88	15.54	N	441871 ↗
I	82m NE	389780 89520	TRIGON 105	16.46	N	441854 ↗
G	82m SW	389604 89368	T4818	-1.0	N	442413 ↗
K	83m NW	389570 89528	COLD HARBOUR 1015	10.06	N	442290 ↗
K	83m NW	389576 89545	TRIGON 4694	3.04	N	442115 ↗
D	84m N	389710 89600	TRIGON 96	7.62	N	441863 ↗
D	84m NE	389771 89554	TRIGON 4508	4.27	N	442093 ↗
D	85m N	389740 89590	TRIGON 91	7.62	N	441868 ↗
9	85m SE	389813 89369	TRIGON 4514	4.57	N	442099 ↗
L	85m SW	389634 89315	TRIGON 4421	10.06	N	442070 ↗
F	86m S	389734 89307	COLD HARBOUR 1013	11.89	N	442288 ↗
D	86m N	389682 89603	TRIGON 4511	8.23	N	442096 ↗
G	90m SW	389590 89390	TRIGON 123	12.19	N	441836 ↗
L	92m SW	389614 89326	COLD HARBOUR 1019	6.71	N	442293 ↗
G	92m SW	389587 89394	TRIGON 4420	7.92	N	442069 ↗
10	92m S	389683 89291	TRIGON 4427	5.18	N	442075 ↗
K	92m NW	389571 89554	TRIGON 4696	4.26	N	442117 ↗
11	93m S	389709 89293	T4828	-1.0	N	442423 ↗
D	99m N	389730 89610	TRIGON 94	7.92	N	441865 ↗



ID	Location	Grid reference	Name	Length	Confidential	Web link
G	100m W	389574 89410	T4830	-1.0	N	442425 ↗
12	102m W	389560 89450	TRIGON 148	9.14	N	441811 ↗
G	104m W	389570 89410	TRIGON 125	7.92	N	441834 ↗
D	105m NE	389760 89600	TRIGON 92	9.14	N	441867 ↗
M	107m SW	389587 89342	TRIGON 4440	8.53	N	442078 ↗
G	107m SW	389573 89386	T4831	-1.0	N	442426 ↗
M	108m SW	389580 89360	TRIGON 124	11.28	N	441835 ↗
N	110m NW	389542 89526	TRIGON 4675	7.92	N	442326 ↗
O	111m NW	389590 89600	TRIGON 84	12.5	N	441875 ↗
M	111m SW	389580 89350	TRIGON 8	8.53	N	441949 ↗
P	113m N	389710 89630	TRIGON 95	9.14	N	441864 ↗
13	114m SE	389771 89291	TRIGON 4517	4.57	N	442102 ↗
14	114m SW	389620 89290	COLD HARBOUR 1021	6.4	N	442294 ↗
15	115m W	389540 89474	TRIGON 4667	15.85	N	442317 ↗
16	116m SE	389817 89318	TRIGON 4516	4.27	N	442101 ↗
O	117m NW	389585 89604	TRIGON 4679	10.97	N	442330 ↗
N	117m W	389533 89504	TRIGON T4741	1.51	N	442341 ↗
M	117m SW	389571 89356	T4832	-1.0	N	442427 ↗
Q	118m S	389650 89270	TRIGON 46	6.1	N	441912 ↗
P	121m N	389724 89635	TRIGON 4510	7.62	N	442095 ↗
17	125m N	389750 89630	TRIGON 93	8.23	N	441866 ↗
18	125m S	389726 89264	TRIGON 4426	5.78	N	442352 ↗
R	127m W	389540 89431	TRIGON 4393	42.37	N	442067 ↗
19	129m N	389633 89635	T5269	-1.0	N	442503 ↗
N	129m NW	389524 89532	TRIGON T4745	4.88	N	442345 ↗
Q	130m S	389636 89263	TRIGON 4428	11.28	N	442076 ↗
20	133m NW	389539 89579	TRIGON 4668	13.1	N	442318 ↗
Q	133m SW	389590 89290	TRIGON 4452	8.52	N	442309 ↗



ID	Location	Grid reference	Name	Length	Confidential	Web link
Q	134m S	389670 89250	TRIGON 47	5.49	N	441911 ↗
R	134m W	389530 89440	TRIGON 34	21.95	N	441924 ↗
Q	135m SW	389589 89289	TRIGON 4452	36.27	N	442310 ↗
N	135m W	389516 89493	TRIGON T4742	3.04	N	442342 ↗
Q	135m S	389660 89250	TRIGON 48	8.53	N	441910 ↗
N	137m W	389513 89514	TRIGON T4744	5.78	N	442344 ↗
N	137m W	389513 89514	TRIGON T4743	1.51	N	442343 ↗
N	139m W	389512 89522	TRIGON T4740	8.84	N	442340 ↗
Q	139m S	389620 89260	TRIGON 56	10.97	N	441903 ↗
Q	141m SW	389580 89290	TRIGON 58	11.28	N	441901 ↗
Q	142m SW	389600 89270	TRIGON 6	13.72	N	441951 ↗
Q	142m S	389630 89252	COLD HARBOUR 1020	7.01	N	442368 ↗
21	145m N	389679 89662	T5268	-1.0	N	442502 ↗
N	147m NW	389510 89550	TRIGON 9	18.9	N	441948 ↗
22	148m NE	389825 89588	COLD HARBOUR 1010	10.06	N	442285 ↗
23	148m W	389530 89390	TRIGON 127	8.84	N	441832 ↗
Q	148m S	389673 89235	TRIGON 4505	8.52	N	442349 ↗
24	149m SW	389540 89350	TRIGON 126	9.45	N	441833 ↗
S	151m NW	389550 89620	TRIGON 83	10.36	N	441876 ↗
25	153m SE	389862 89316	COLD HARBOUR 1014	17.97	N	442289 ↗
Q	154m S	389670 89230	TRIGON 49	8.84	N	441909 ↗
N	156m W	389494 89501	TRIGON 4672	18.59	N	442322 ↗
26	157m SE	389816 89265	TRIGON 4518	3.05	N	442103 ↗
Q	157m S	389650 89230	TRIGON 45	6.1	N	441913 ↗
S	158m NW	389540 89620	TRIGON 82	11.28	N	441877 ↗
S	158m NW	389540 89620	TRIGON 101	10.67	N	441858 ↗
S	160m NW	389543 89626	T5184	-1.0	N	442493 ↗
N	163m NW	389494 89553	TRIGON 4673	10.06	N	442323 ↗



ID	Location	Grid reference	Name	Length	Confidential	Web link
N	163m NW	389494 89553	TRIGON 4673	17.97	N	442324 ↗
27	164m S	389771 89238	TRIGON 4519	3.96	N	442104 ↗
S	165m NW	389530 89620	TRIGON 81	10.97	N	441878 ↗
S	166m NW	389520 89610	TRIGON 80	13.72	N	441879 ↗
S	167m NW	389540 89632	TRIGON 4669	10.06	N	442319 ↗
28	168m W	389493 89447	TRIGON 4394	41.15	N	442068 ↗
T	169m NW	389586 89663	T5260	-1.0	N	442494 ↗
Q	169m S	389640 89220	TRIGON 51	6.1	N	441907 ↗
Q	170m SW	389580 89250	TRIGON 44	11.89	N	441914 ↗
Q	170m SW	389592 89241	T4582	-1.0	N	442403 ↗
Q	171m S	389610 89230	TRIGON 40	6.71	N	441918 ↗
29	172m SW	389530 89310	TRIGON 146	9.45	N	441813 ↗
Q	172m SW	389590 89240	TRIGON 4582	-	Y	N/A
N	172m NW	389490 89570	TRIGON TP 1/80	-	Y	N/A
S	174m NW	389510 89610	TRIGON 79	13.72	N	441880 ↗
N	175m NW	389488 89573	T5182	-1.0	N	442491 ↗
U	175m NE	389850 89600	COLD HARBOUR FARM 4622	39.0	N	441701 ↗
Q	176m S	389620 89220	TRIGON 41	7.32	N	441917 ↗
30	176m S	389725 89211	TRIGON 4500	5.79	N	442090 ↗
31	176m W	389476 89534	T5183	-1.0	N	442492 ↗
Q	177m S	389650 89210	TRIGON 50	9.75	N	441908 ↗
Q	177m S	389633 89214	TRIGON 4506	9.75	N	442350 ↗
U	178m NE	389854 89599	COLD HARBOUR FARM 4622A	6.09	N	442354 ↗
U	178m NE	389854 89599	COLD HARBOUR FARM 4622	42.36	N	442353 ↗
32	180m N	389628 89687	T5267	-1.0	N	442501 ↗
S	182m NW	389500 89610	TRIGON 78	14.02	N	441881 ↗
V	183m W	389489 89404	TRIGON 4700	3.34	N	442337 ↗
W	184m SW	389546 89263	T4528	-1.0	N	442400 ↗



ID	Location	Grid reference	Name	Length	Confidential	Web link
S	185m NW	389494 89606	TRIGON 4678	15.23	N	442329 ↗
W	186m SW	389546 89260	T4949	-1.0	N	442439 ↗
X	187m SW	389500 89350	TRIGON 26	8.84	N	441931 ↗
T	188m NW	389585 89683	TRIGON 4690	5.48	N	442332 ↗
V	189m W	389490 89380	TRIGON 128	10.67	N	441831 ↗
Q	189m SW	389590 89220	TRIGON 42	11.58	N	441916 ↗
W	190m SW	389550 89250	TRIGON 7	16.46	N	441950 ↗
X	190m SW	389500 89340	TRIGON 129	17.68	N	441830 ↗
Y	190m W	389460 89510	TRIGON 219	8.84	N	441752 ↗
S	190m NW	389490 89610	TRIGON 10	16.46	N	441947 ↗
Y	191m W	389460 89490	TRIGON 19	22.25	N	441938 ↗
X	193m SW	389500 89330	TRIGON 230	5.18	N	441741 ↗
Y	194m W	389460 89470	TRIGON 221	3.35	N	441750 ↗
Q	194m S	389620 89200	TRIGON 52	10.67	N	441906 ↗
S	195m NW	389530 89660	TRIGON 72	9.45	N	441887 ↗
V	196m W	389479 89392	TRIGON 4699	3.04	N	442336 ↗
33	197m S	389683 89186	TRIGON 4503	7.32	N	442347 ↗
V	197m W	389470 89420	TRIGON 25	13.11	N	441932 ↗
Q	198m SW	389590 89210	TRIGON 3	43.59	N	441954 ↗
Q	198m S	389640 89190	TRIGON 53	10.97	N	441905 ↗
34	201m SE	389815 89215	TRIGON 4520	6.1	N	442105 ↗
S	201m NW	389520 89660	TRIGON 71	11.58	N	441888 ↗
Y	202m W	389450 89530	TRIGON 218	9.14	N	441753 ↗
S	202m NW	389490 89630	TRIGON 76	9.45	N	441883 ↗
X	203m SW	389500 89300	TRIGON 229	4.88	N	441742 ↗
Z	204m NW	389460 89580	TRIGON 11	22.86	N	441946 ↗
AA	206m SW	389560 89220	TRIGON 43	17.37	N	441915 ↗
S	208m NW	389510 89660	TRIGON 70	10.97	N	441889 ↗



ID	Location	Grid reference	Name	Length	Confidential	Web link
Y	208m W	389450 89450	TRIGON 222	4.57	N	441749 ↗
X	209m SW	389490 89310	TRIGON 228	4.88	N	441743 ↗
X	209m SW	389490 89310	TRIGON 145	8.53	N	441814 ↗
35	209m NW	389542 89686	TRIGON 4691	8.52	N	442333 ↗
Y	211m W	389440 89490	TRIGON 220	2.74	N	441751 ↗
V	211m W	389467 89379	TRIGON 4698	3.04	N	442335 ↗
36	213m S	389772 89186	TRIGON 4521	7.62	N	442106 ↗
Q	213m S	389620 89180	TRIGON 54	11.28	N	441904 ↗
Z	214m NW	389449 89579	TRIGON 4674	20.72	N	442325 ↗
AB	215m NW	389580 89710	TRIGON 113	13.41	N	441846 ↗
AB	216m N	389588 89714	TRIGON 4095	27.43	N	442033 ↗
V	217m W	389459 89388	TRIGON 4701	3.04	N	442338 ↗
Q	217m S	389588 89189	T4583	-1.0	N	442404 ↗
37	218m S	389717 89167	TRIGON 4501	6.71	N	442091 ↗
S	218m NW	389489 89654	TRIGON 4680	11.57	N	442331 ↗
X	218m SW	389480 89310	TRIGON 227	5.49	N	441744 ↗
V	220m W	389460 89370	TRIGON 131	11.28	N	441828 ↗
AA	223m SW	389544 89211	T4960	-1.0	N	442440 ↗
AC	223m E	389946 89462	COLD HARBOUR FARM 4623	67.66	N	442355 ↗
AA	225m SW	389540 89212	TRIGON 4529	22.86	N	442111 ↗
AC	226m E	389950 89460	COLD HARBOUR FARM 4623	68.0	N	441702 ↗
V	227m W	389454 89368	TRIGON 4697	3.66	N	442334 ↗
S	229m NW	389490 89670	TRIGON 69	11.28	N	441890 ↗
AD	229m S	389635 89160	TRIGON 4504	10.67	N	442348 ↗
AE	229m SW	389460 89340	TRIGON 224	3.66	N	441747 ↗
Q	229m S	389580 89180	TRIGON 4583	-	Y	N/A
AE	231m SW	389460 89330	TRIGON 130	9.14	N	441829 ↗
AE	231m SW	389460 89330	TRIGON 225	4.27	N	441746 ↗

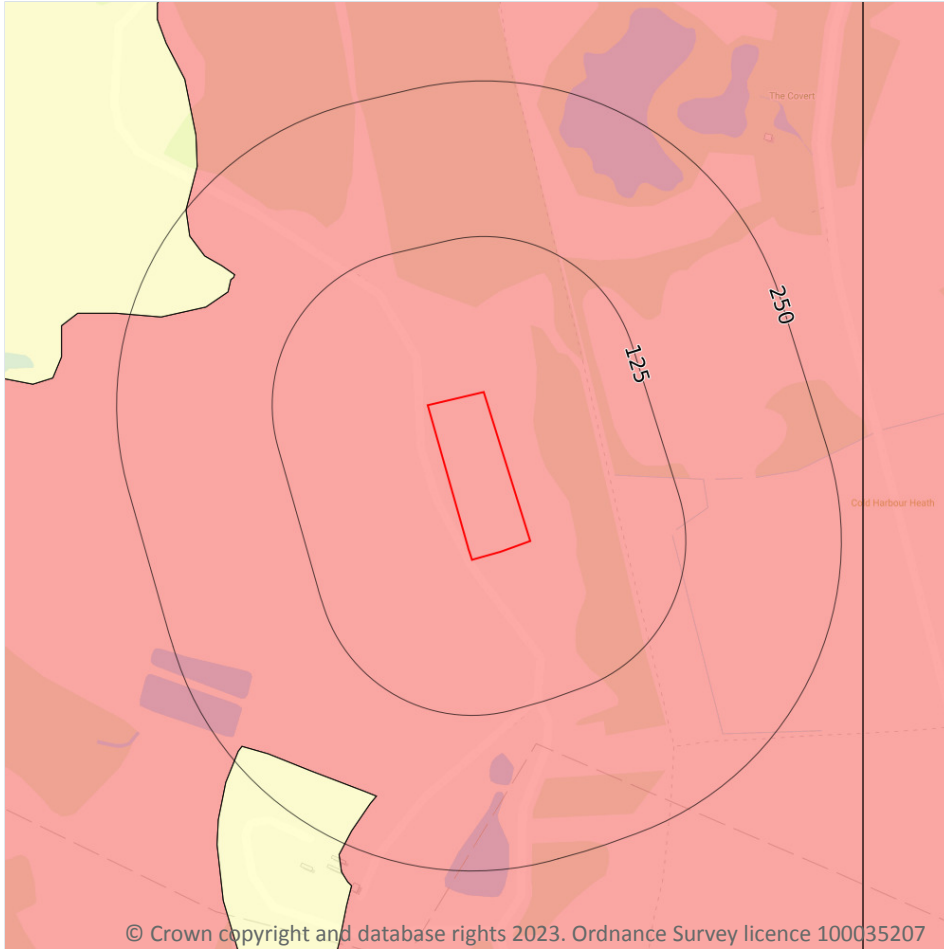


ID	Location	Grid reference	Name	Length	Confidential	Web link
AF	235m SE	389909 89243	COLD HARBOUR FARM 4624	27.12	N	442356 ↗
AA	235m SW	389507 89230	T4948	-1.0	N	442438 ↗
Q	235m S	389610 89160	TRIGON 57	13.11	N	441902 ↗
S	236m NW	389480 89670	TRIGON 68	12.19	N	441891 ↗
38	237m NW	389449 89633	TRIGON 4677	18.59	N	442328 ↗
AF	238m SE	389910 89240	COLD HARBOUR FARM 4624	27.0	N	441703 ↗
AG	238m W	389430 89410	TRIGON 178	3.05	N	441788 ↗
AG	238m W	389430 89410	TRIGON 133	13.41	N	441826 ↗
V	239m W	389437 89383	TRIGON 4702	3.34	N	442339 ↗
AA	240m SW	389520 89210	TRIGON 33	19.81	N	441925 ↗
AA	240m SW	389480 89260	TRIGON 27	7.62	N	441930 ↗
AA	241m SW	389489 89244	T4581	-1.0	N	442402 ↗
AE	241m SW	389450 89330	TRIGON 223	3.05	N	441748 ↗
39	241m NW	389520 89710	TRIGON 112	16.15	N	441847 ↗
S	243m NW	389470 89670	TRIGON 67	14.94	N	441892 ↗
AE	244m SW	389450 89320	TRIGON 226	3.66	N	441745 ↗
AH	245m S	389682 89138	TRIGON	7.92	N	442351 ↗
AH	245m S	389682 89138	T4502	-1.0	N	442396 ↗
AA	247m SW	389498 89223	TRIGON HILL LANDFILL PHASE 2 TG/038GMA	-	Y	N/A
AD	249m S	389630 89140	TRIGON 36	24.38	N	441922 ↗

This data is sourced from the British Geological Survey.



17 Natural ground subsidence - Shrink swell clays



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17.1 Shrink swell clays

Records within 50m

1

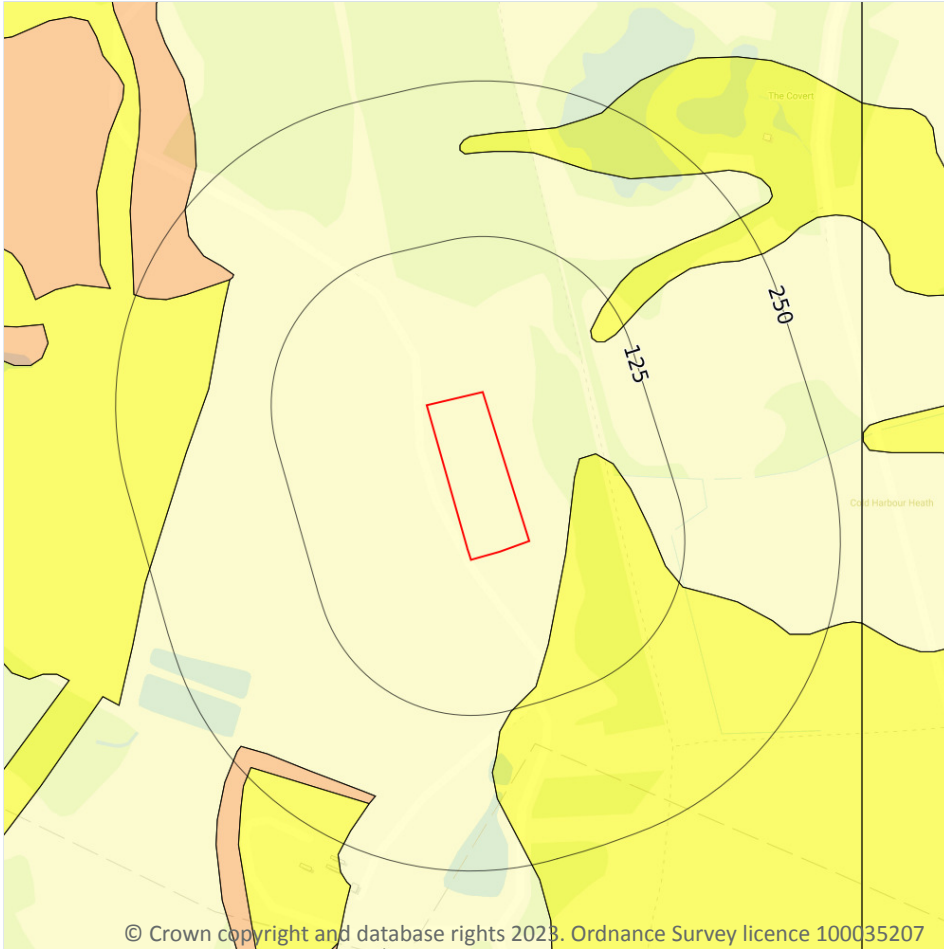
The potential hazard presented by soils that absorb water when wet (making them swell), and lose water as they dry (making them shrink). This shrink-swell behaviour is controlled by the type and amount of clay in the soil, and by seasonal changes in the soil moisture content (related to rainfall and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

Features are displayed on the Natural ground subsidence - Shrink swell clays map on [page 113](#) >

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

2

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 114](#) >

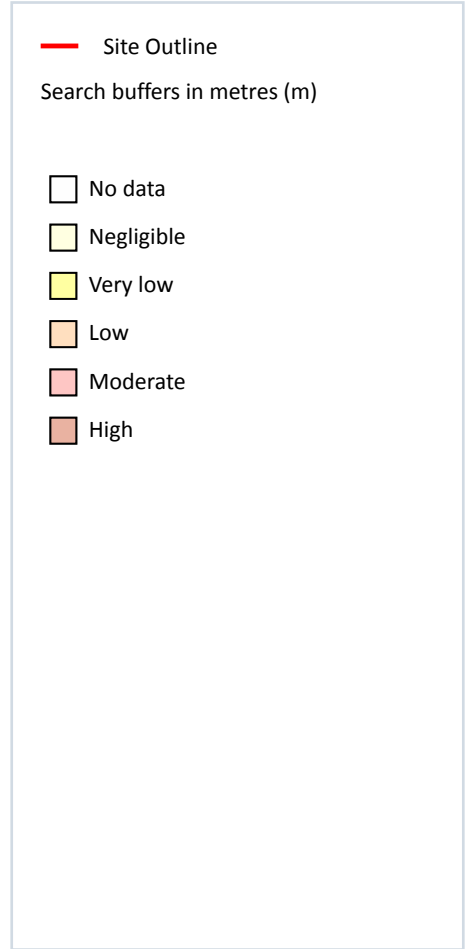
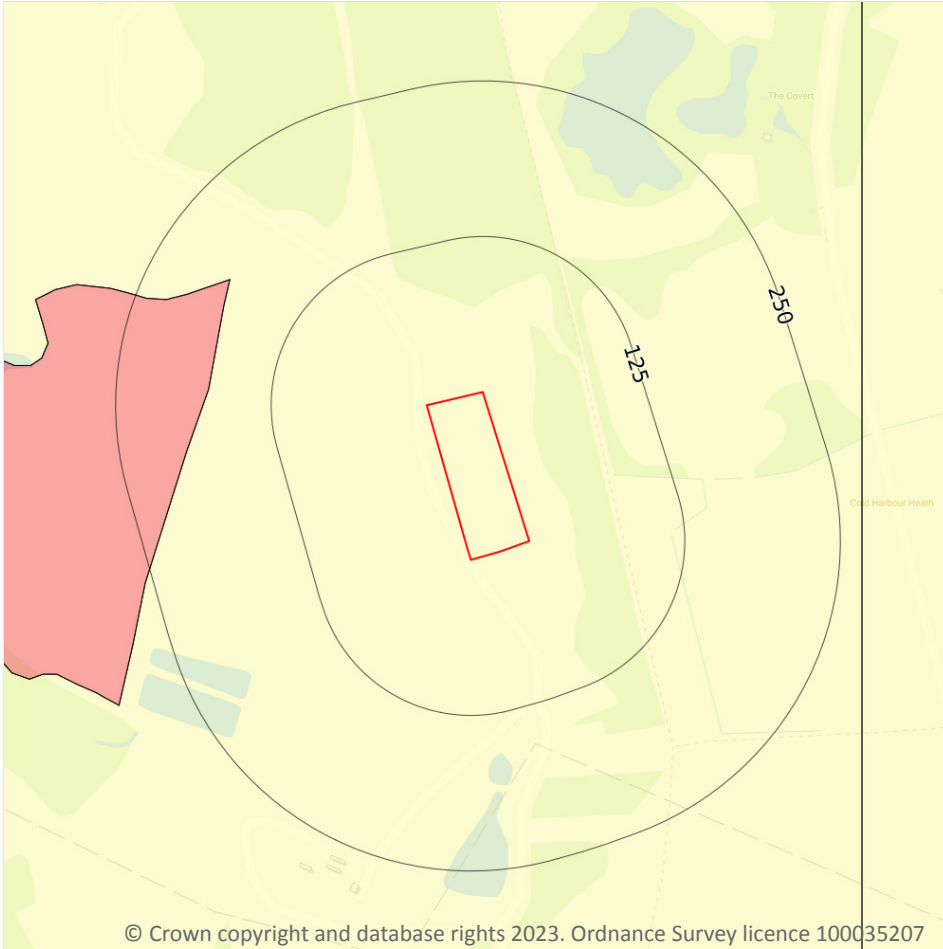
Location	Hazard rating	Details
On site	Negligible	Running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.

Location	Hazard rating	Details
30m SE	Very low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Compressible deposits



17.3 Compressible deposits

Records within 50m

1

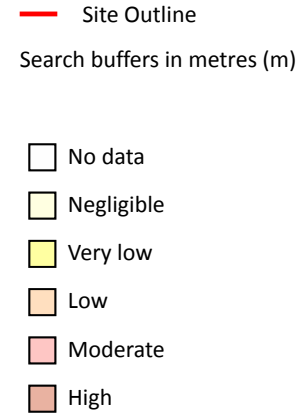
The potential hazard presented by types of ground that may contain layers of very soft materials like clay or peat and may compress if loaded by overlying structures, or if the groundwater level changes, potentially resulting in depression of the ground and disturbance of foundations.

Features are displayed on the Natural ground subsidence - Compressible deposits map on [page 116 >](#)

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

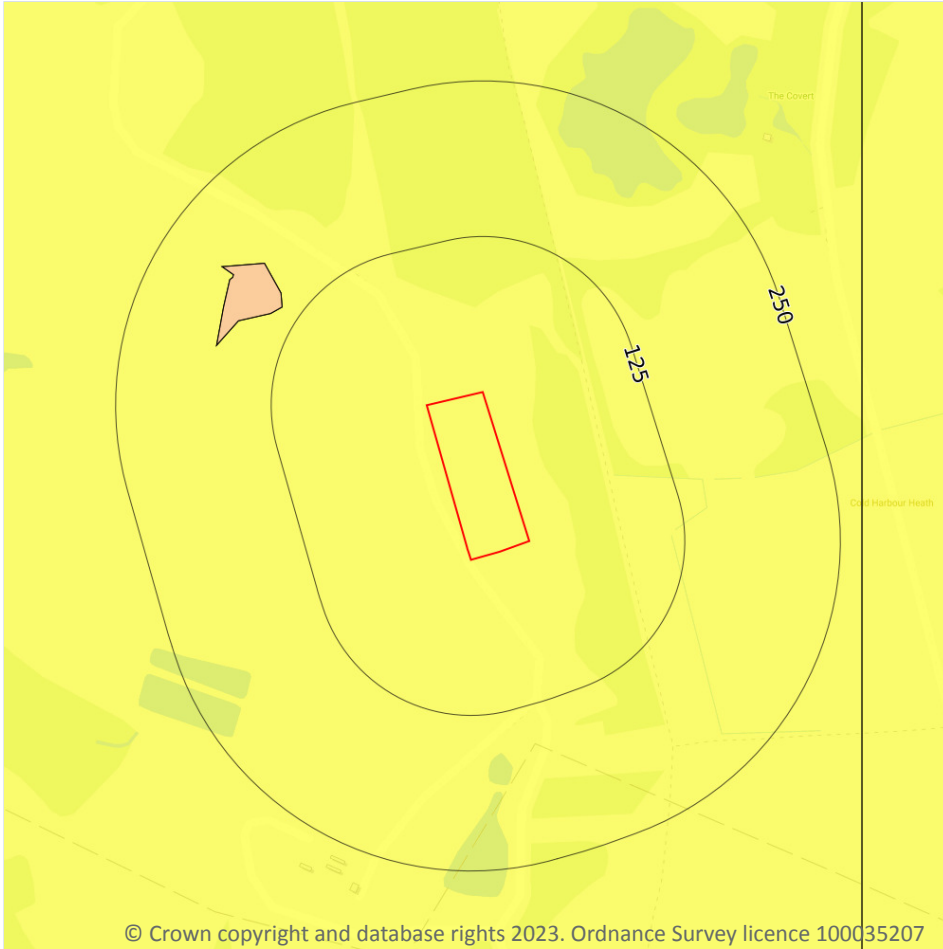
The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

Features are displayed on the Natural ground subsidence - Collapsible deposits map on [page 117 >](#)

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

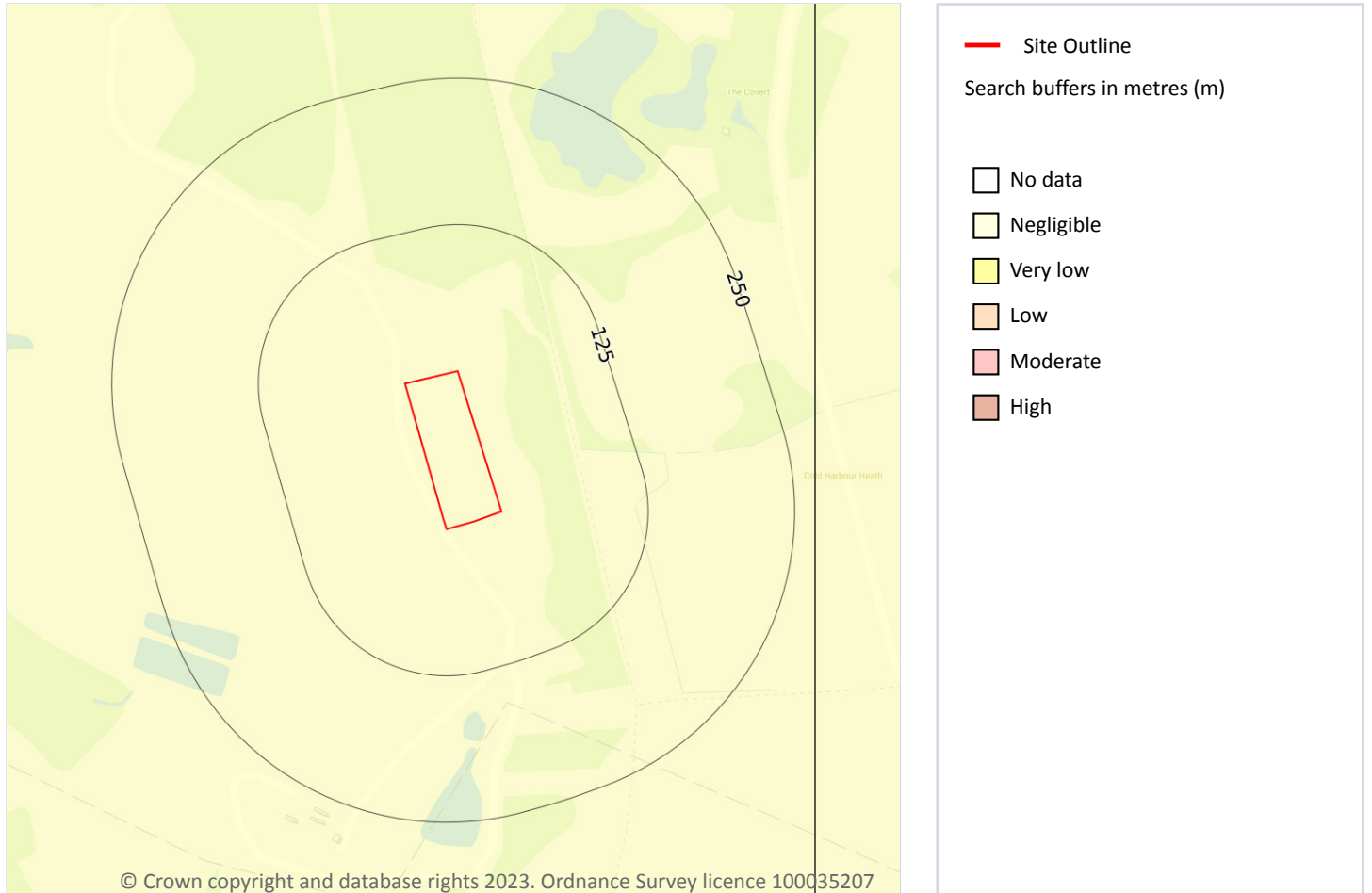
The potential for landsliding (slope instability) to be a hazard assessed using 1:50,000 scale digital maps of superficial and bedrock deposits, combined with information from the BGS National Landslide Database and scientific and engineering reports.

Features are displayed on the Natural ground subsidence - Landslides map on [page 118](#) >

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

This data is sourced from the British Geological Survey.

Natural ground subsidence - Ground dissolution of soluble rocks



17.6 Ground dissolution of soluble rocks

Records within 50m

1

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

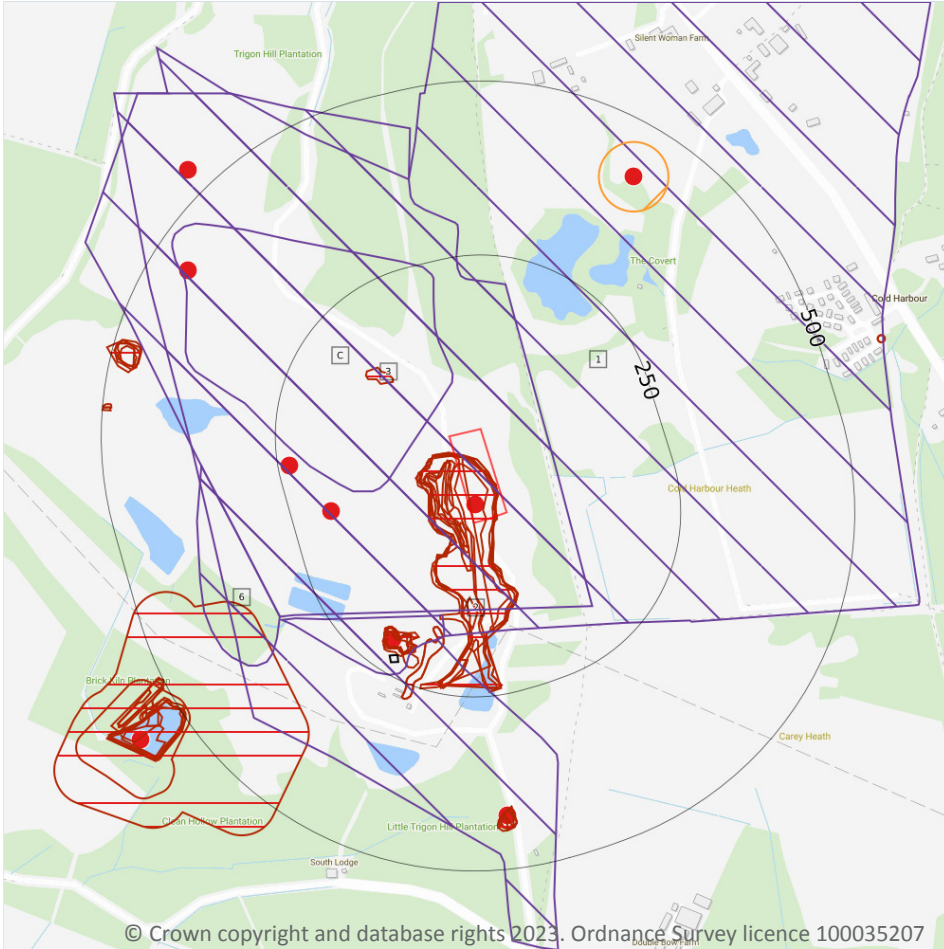
Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on [page 119 >](#)

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

This data is sourced from the British Geological Survey.



18 Mining and ground workings



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

18.1 BritPits

Records within 500m

7

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

Features are displayed on the Mining and ground workings map on [page 121](#) >

ID	Location	Details	Description
A	On site	Name: Cold Harbour Heath Address: WAREHAM, 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
4	193m W	Name: Trigon Pit Address: WAREHAM, Dorset Commodity: Sand & Gravel Status: Inactive	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, is not extracting minerals, but which still has a valid planning permission to do so, and can restart at any time. May be considered Mothballed by operator. May be considered to have Active or Dormant planning permission
D	203m SW	Name: Carey Heath Address: WAREHAM, 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
5	234m W	Name: Trigon Hill Clay Pit Address: WAREHAM, Dorset Commodity: Ball Clay Status: Inactive	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, is not extracting minerals, but which still has a valid planning permission to do so, and can restart at any time. May be considered Mothballed by operator. May be considered to have Active or Dormant planning permission
G	422m S	Name: Carey Heath Address: WAREHAM, 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	423m NE	Name: Trigon Hill Mine Address: WAREHAM, Dorset Commodity: Ball Clay Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority



ID	Location	Details	Description
7	444m NW	Name: Trigon Pit Address: WAREHAM, Dorset Commodity: Sand & Gravel Status: Active	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which is actively extracting mineral products, or in the case of wharfs and rail depots, is actively handing minerals

This data is sourced from the British Geological Survey.

18.2 Surface ground workings

Records within 250m	24
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Historical land uses identified from Ordnance Survey mapping that involved ground excavation at the surface. These features may or may not have been subsequently backfilled.

Features are displayed on the Mining and ground workings map on [page 121](#) >

ID	Location	Land Use	Year of mapping	Mapping scale
B	On site	Clay Pit	1887	1:10560
B	On site	Unspecified Ground Workings	1927	1:10560
B	On site	Old Clay Pit	1900	1:10560
B	On site	Unspecified Pit	1938	1:10560
B	On site	Unspecified Ground Workings	1925	1:10560
B	On site	Unspecified Heap	1963	1:10560
B	On site	Unspecified Pit	1963	1:10560
A	3m NW	Pond	1987	1:10000
A	9m NW	Pond	1938	1:10560
A	9m NW	Water Body	1963	1:10560
A	15m W	Pond	1925	1:10560
B	15m S	Pond	1987	1:10000
2	108m S	Pond	1987	1:10000
3	113m NW	Pond	1987	1:10000
D	158m S	Water Body	1987	1:10000
D	158m S	Water Body	1963	1:10560
D	179m S	Unspecified Ground Workings	1963	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
D	183m SW	Unspecified Pit	1938	1:10560
D	184m SW	Unspecified Pit	1927	1:10560
D	184m SW	Sand Pit	1900	1:10560
D	186m SW	Gravel Pit	1887	1:10560
D	196m SW	Unspecified Pit	1925	1:10560
D	197m S	Unspecified Ground Workings	1927	1:10560
D	197m S	Unspecified Ground Workings	1900	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

18.3 Underground workings

Records within 1000m

1

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

Features are displayed on the Mining and ground workings map on [page 121](#) >

ID	Location	Land Use	Year of mapping	Mapping scale
D	220m SW	Unspecified Mine	1963	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

18.4 Underground mining extents

Records within 500m

0

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

This data is sourced from Groundsure.



18.5 Historical Mineral Planning Areas

Records within 500m

5

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

Features are displayed on the Mining and ground workings map on [page 121 >](#)

ID	Location	Site Name	Mineral	Type	Planning Status	Planning Status Date
1	On site	Trigon Hill Mine	Ball clay	Mineral working is partly on the surface and partly underground	Application	Not available
C	On site	Trigon Hill	Ball clay	Surface mineral working	Valid	12/5/1960
C	39m NW	Trigon Hill Mine	Ball clay	Working is wholly underground	Valid	19/2/1954
D	141m S	Trigon Hill	Ball clay	Surface mineral working	Valid	12/5/1960
6	310m SW	Trigon Hill	Ball clay	Surface mineral working	Valid	2/10/1967

This data is sourced from the British Geological Survey.

18.6 Non-coal mining

Records within 1000m

1

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).

Features are displayed on the Mining and ground workings map on [page 121 >](#)

ID	Location	Name	Commodity	Class	Likelihood
F	374m NE	Trigon Hill	Ball clay	C	Underground mine workings may have occurred in the past, or current mines may be operating to modern engineering standards. Potential for difficult ground conditions should be considered.

This data is sourced from the British Geological Survey.



18.7 JPB mining areas

Records on site

0

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

This data is sourced from Johnson Poole and Bloomer.

18.8 The Coal Authority non-coal mining

Records within 500m

0

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

This data is sourced from The Coal Authority.

18.9 Researched mining

Records within 500m

0

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

This data is sourced from Groundsure.

18.10 Mining record office plans

Records within 500m

0

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

This data is sourced from Groundsure.



18.11 BGS mine plans

Records within 500m

0

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

This data is sourced from Groundsure.

18.12 Coal mining

Records on site

0

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

This data is sourced from the Coal Authority.

18.13 Brine areas

Records on site

0

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

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

18.14 Gypsum areas

Records on site

0

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.15 Tin mining

Records on site

0

Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.



18.16 Clay mining

Records on site

1

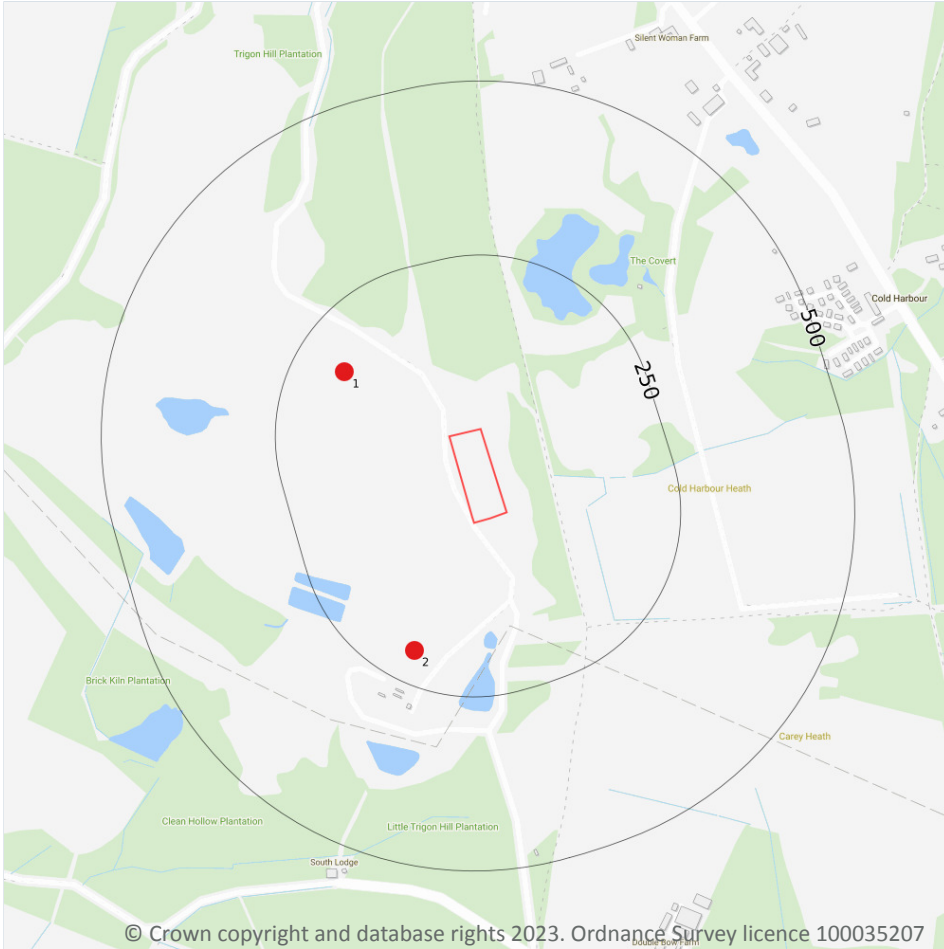
Generalised areas that may be affected by kaolin and ball clay extraction.

Location	Details
On site	For further information regarding Clay Mining Groundsure recommends obtaining a Clay Mining report. This can be ordered at http://www.kabca.org/ ↗ or by writing to Kaolin and Ball Clay Association, Tehidy Centre, Burn Gallow Lane, High Street, St Austell, Cornwall, PL26 7TQ. Tel: 01726 811311

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



19 Ground cavities and sinkholes



- Site Outline
- Search buffers in metres (m)
- Natural cavities (Area)
- Natural cavities (Point)
- Mining cavities
- Reported recent incidents
- Historical incidents
- BGS karst database (Point)
- BGS karst database (Line)
- BGS karst database (Area)

19.1 Natural cavities

Records within 500m

0

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

This data is sourced from Stantec UK Ltd.

19.2 Mining cavities

Records within 1000m

3

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.

Features are displayed on the Ground cavities and sinkholes map on [page 129 >](#)

ID	Location	Mine Address	Mineral	Data source	Publisher
1	177m NW	Cold Harbour, Wareham, Dorset	Ball Clay	PRIVATE COMMUNICATION	NAMHO
2	202m S	Wareham, Dorset	Ball Clay	-	-
-	774m E	Trigon, Wareham, Dorset	Ball Clay	BALL CLAY IN DORSET	DORSET COUNTY COUNCIL

This data is sourced from Stantec UK Ltd.

19.3 Reported recent incidents

Records within 500m

0

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

This data is sourced from Groundsure.

19.4 Historical incidents

Records within 500m

0

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

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

This data is sourced from Groundsure.



19.5 National karst database

Records within 500m

0

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

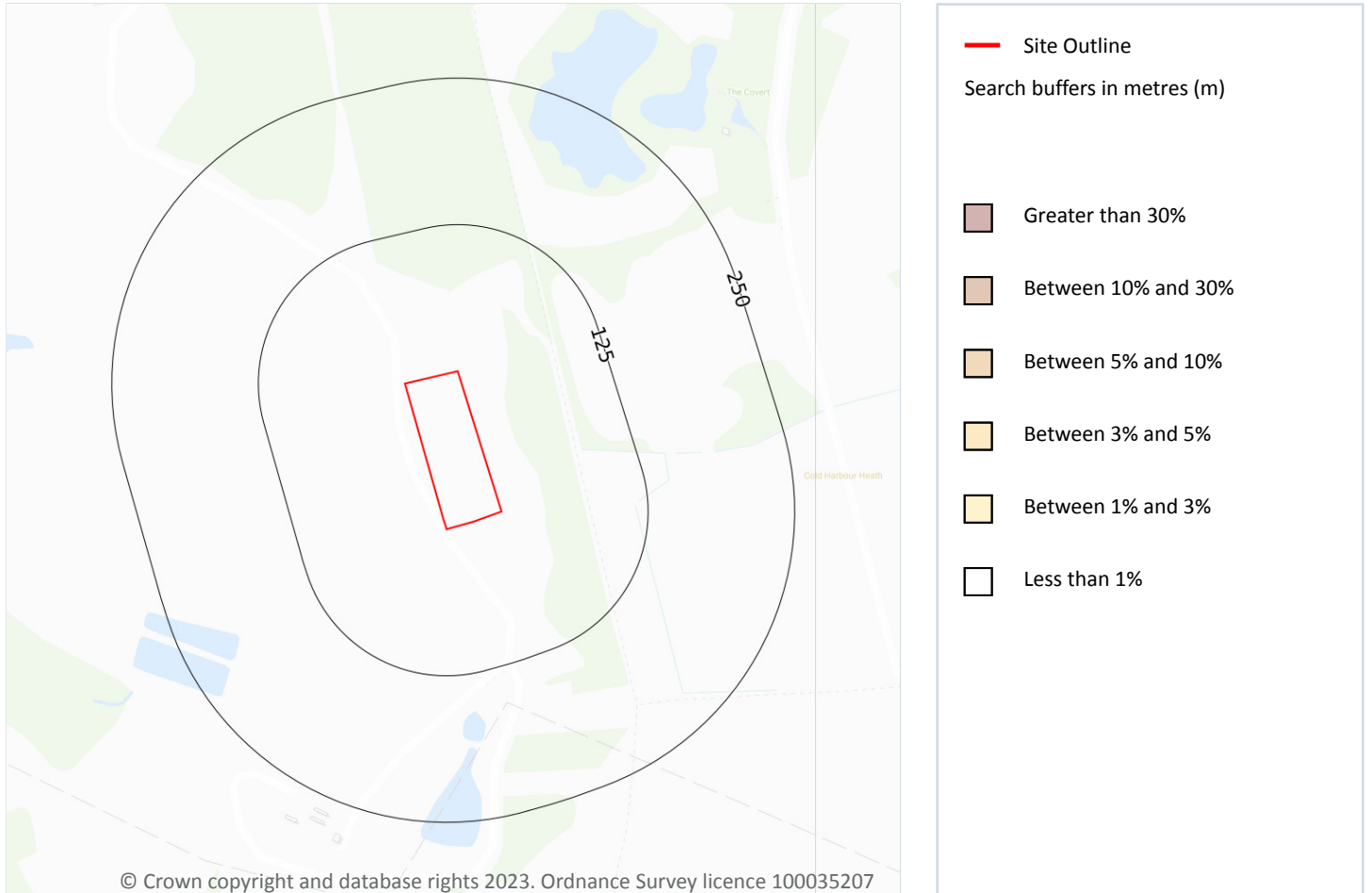
Since the database was set up in 2002 data covering most of the evaporite karst areas of the UK have now been added, along with data covering about 60% of the Chalk, and 35% of the Carboniferous Limestone outcrops. Many of the classic upland karst areas have yet to be included. Recorded so far are: Over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

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

This data is sourced from the British Geological Survey.



20 Radon



20.1 Radon

Records on site

1

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

Features are displayed on the Radon map on [page 132 >](#)

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

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



21 Soil chemistry

21.1 BGS Estimated Background Soil Chemistry

Records within 50m

5

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 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
2m SW	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
9m NW	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
30m SE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 mg/kg

This data is sourced from the British Geological Survey.

21.2 BGS Estimated Urban Soil Chemistry

Records within 50m

0

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

This data is sourced from the British Geological Survey.

21.3 BGS Measured Urban Soil Chemistry

Records within 50m

0

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

This data is sourced from the British Geological Survey.



22 Railway infrastructure and projects

22.1 Underground railways (London)

Records within 250m

0

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

This data is sourced from publicly available information by Groundsure.

22.2 Underground railways (Non-London)

Records within 250m

0

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

This data is sourced from publicly available information by Groundsure.

22.3 Railway tunnels

Records within 250m

0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

22.4 Historical railway and tunnel features

Records within 250m

0

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.

This data is sourced from Ordnance Survey/Groundsure.

22.5 Royal Mail tunnels

Records within 250m

0

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



This data is sourced from Groundsure/the Postal Museum.

22.6 Historical railways

Records within 250m

0

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

This data is sourced from OpenStreetMap.

22.7 Railways

Records within 250m

0

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

This data is sourced from Ordnance Survey and OpenStreetMap.

22.8 Crossrail 1

Records within 500m

0

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

This data is sourced from publicly available information by Groundsure.

22.9 Crossrail 2

Records within 500m

0

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

This data is sourced from publicly available information by Groundsure.

22.10 HS2

Records within 500m

0

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

This data is sourced from HS2 Ltd.



Data providers

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

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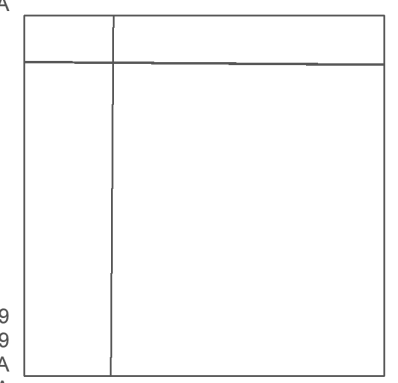
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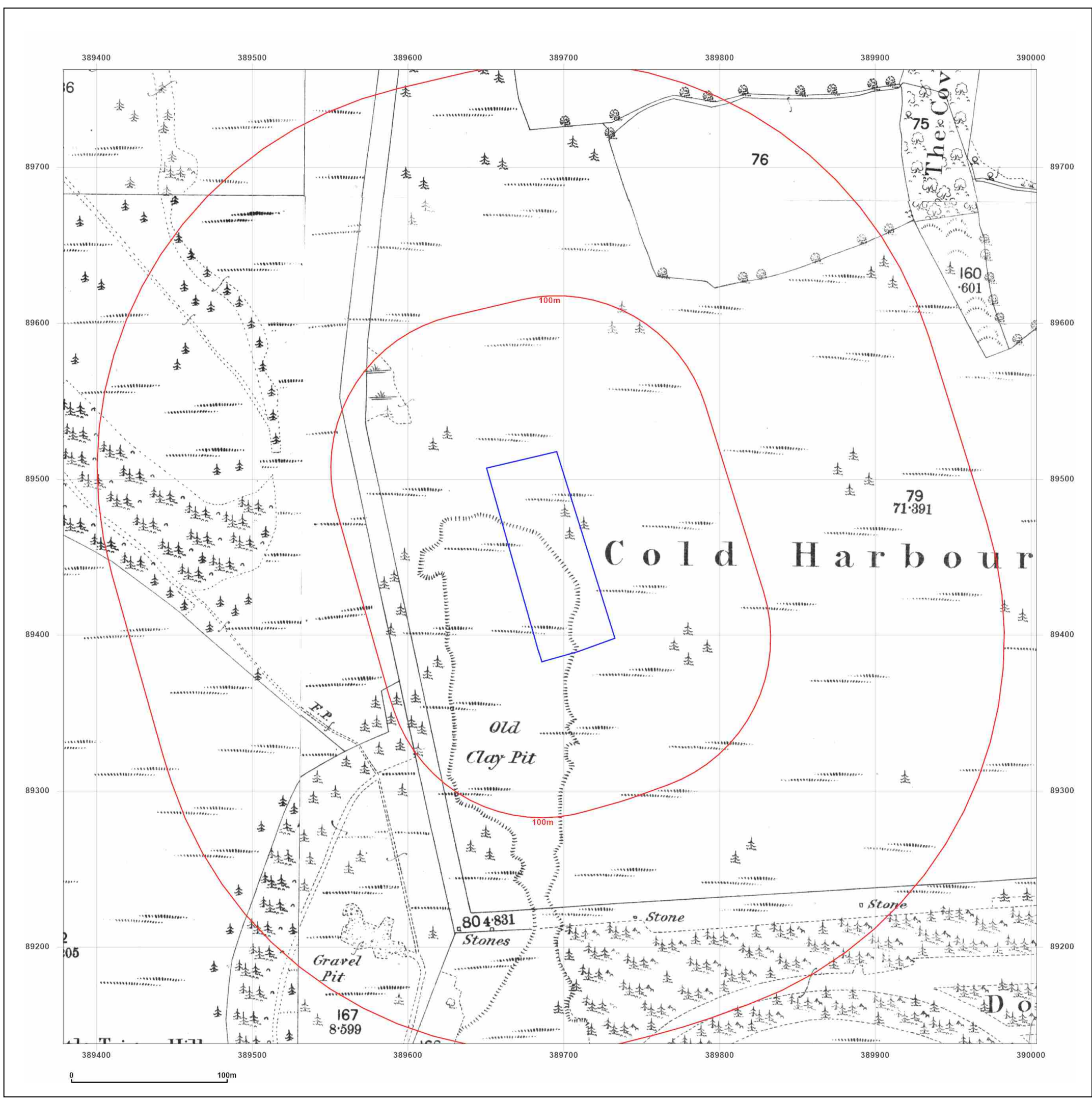


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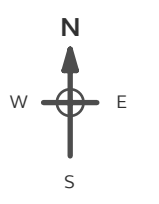
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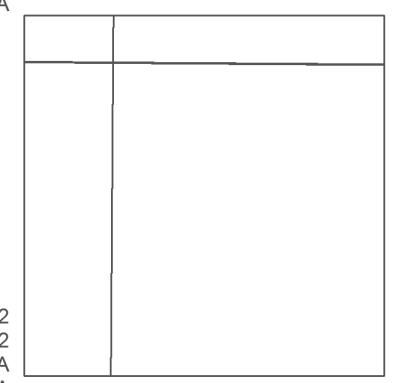
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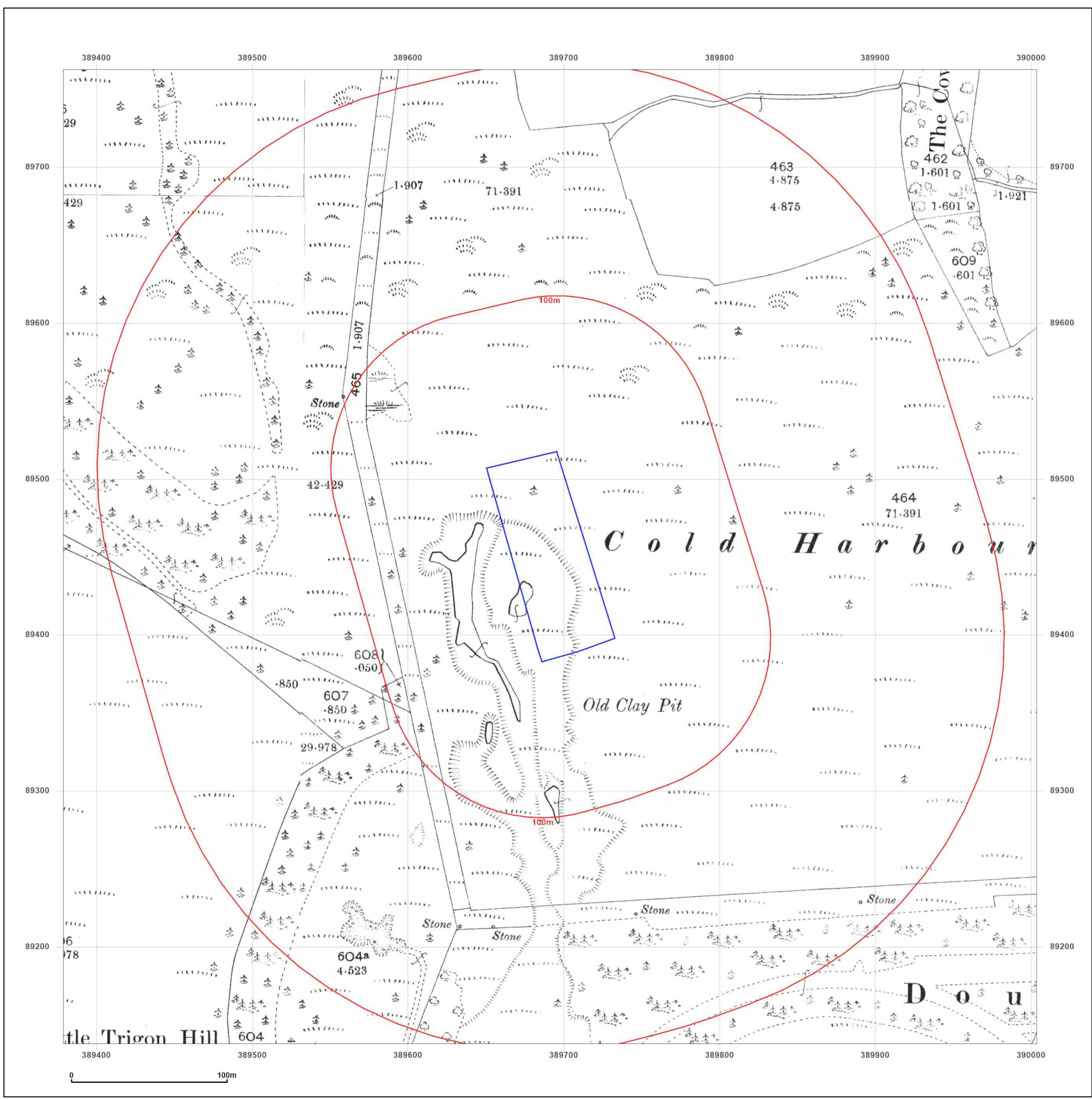


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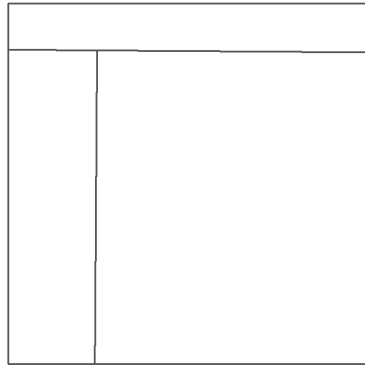
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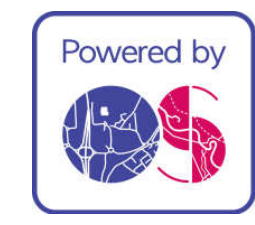
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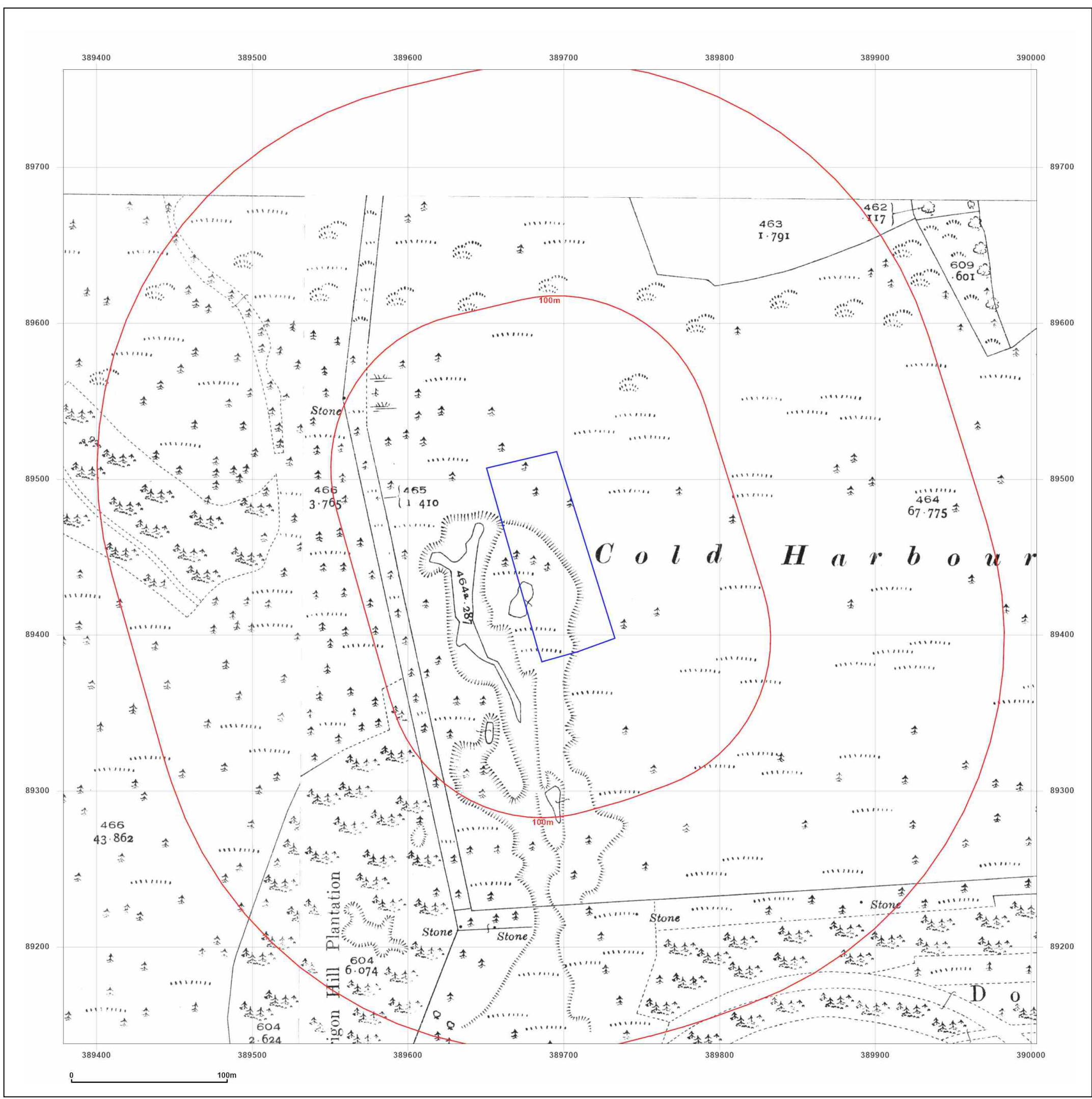


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Grid Ref: 389691, 89450

Map Name: National Grid

Map date: 1953

Scale: 1:2,500

Printed at: 1:2,500



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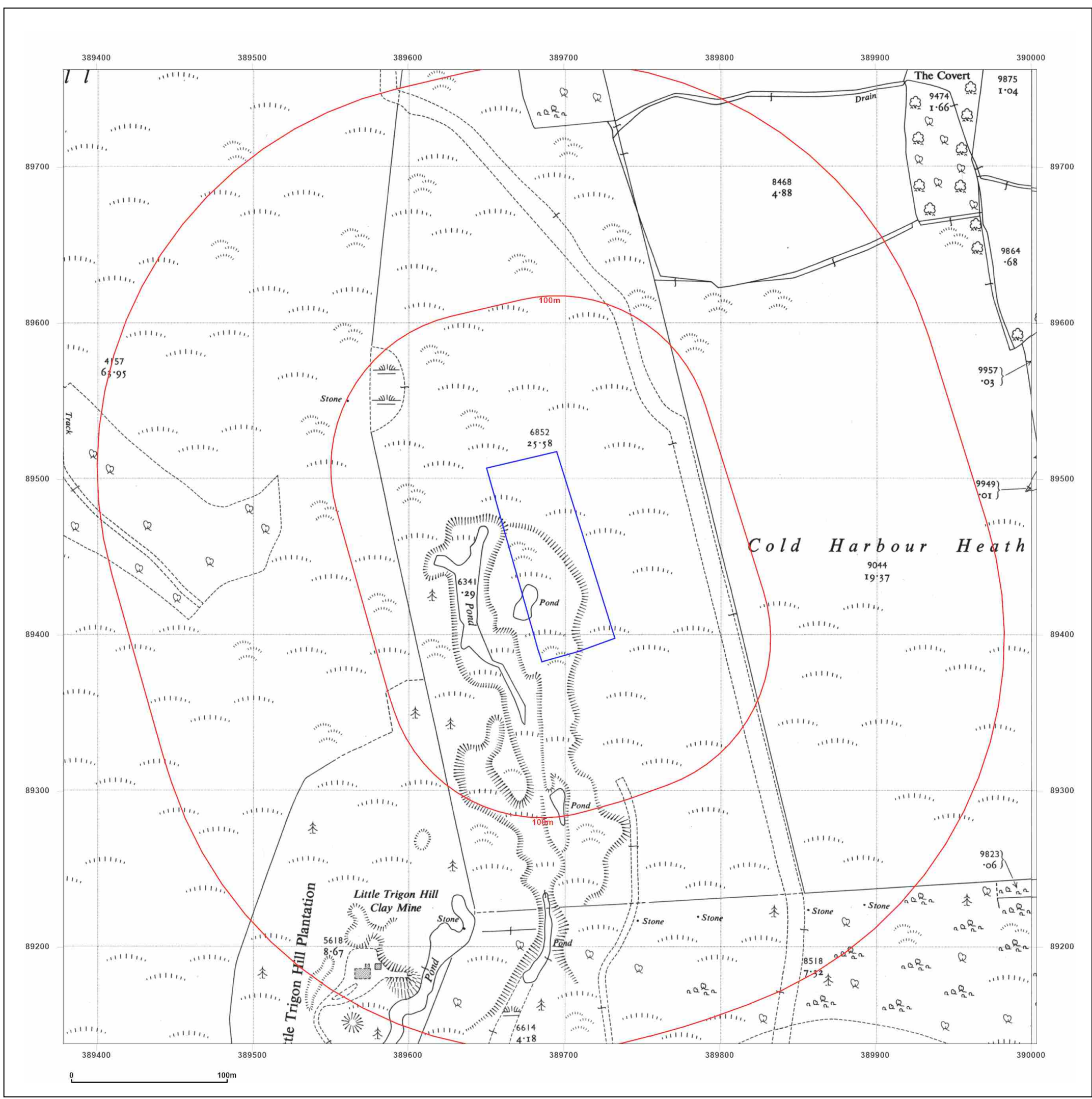


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Grid Ref: 389691, 89450

Map Name: National Grid

Map date: 1954

Scale: 1:2,500

Printed at: 1:2,500



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 Edition N/A
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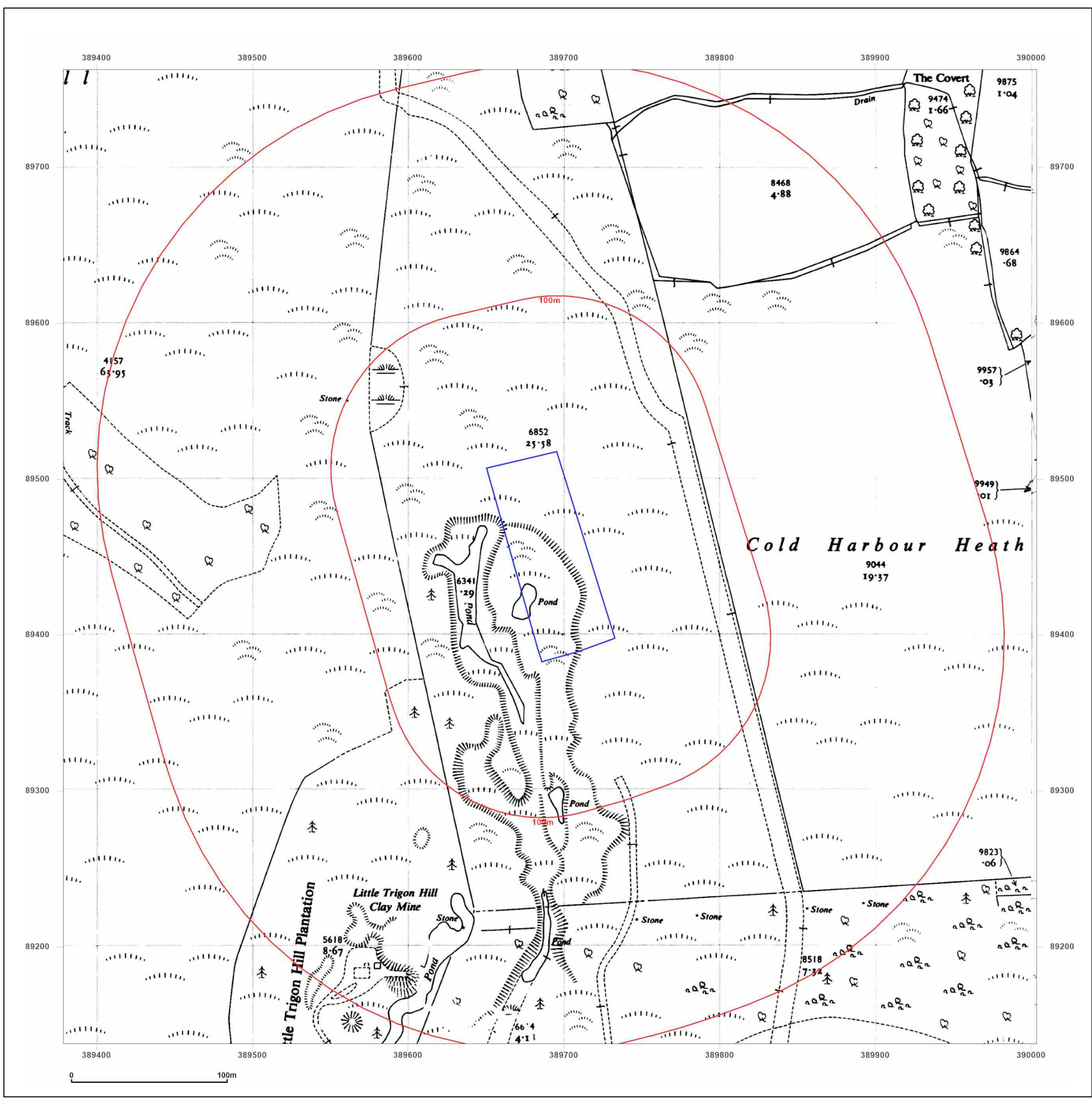


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Map Name: National Grid
Map date: 1985-1987
Scale: 1:2,500
Printed at: 1:2,500



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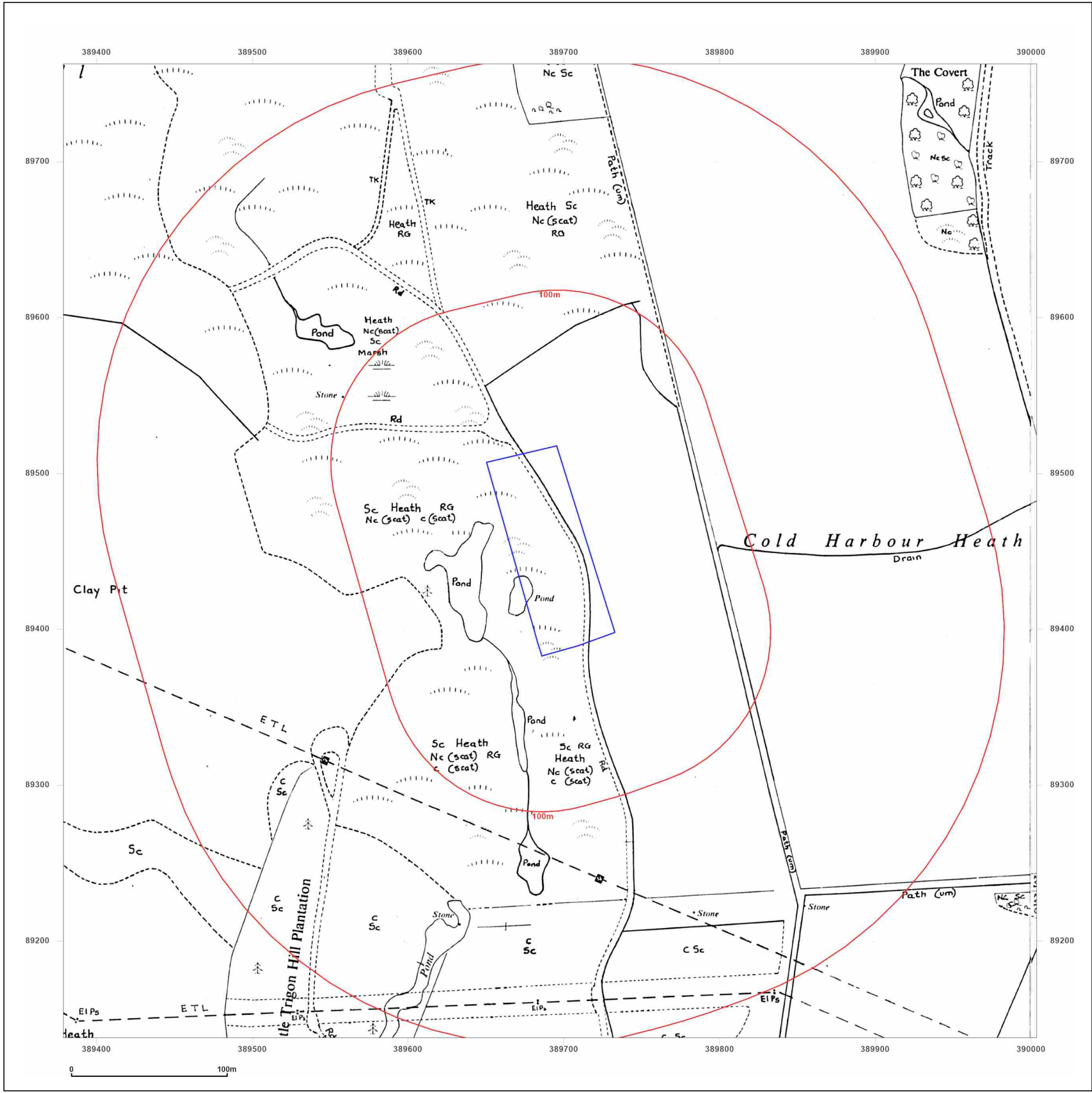


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Grid Ref: 389691, 89450

Map Name: National Grid

Map date: 1994

Scale: 1:2,500

Printed at: 1:2,500



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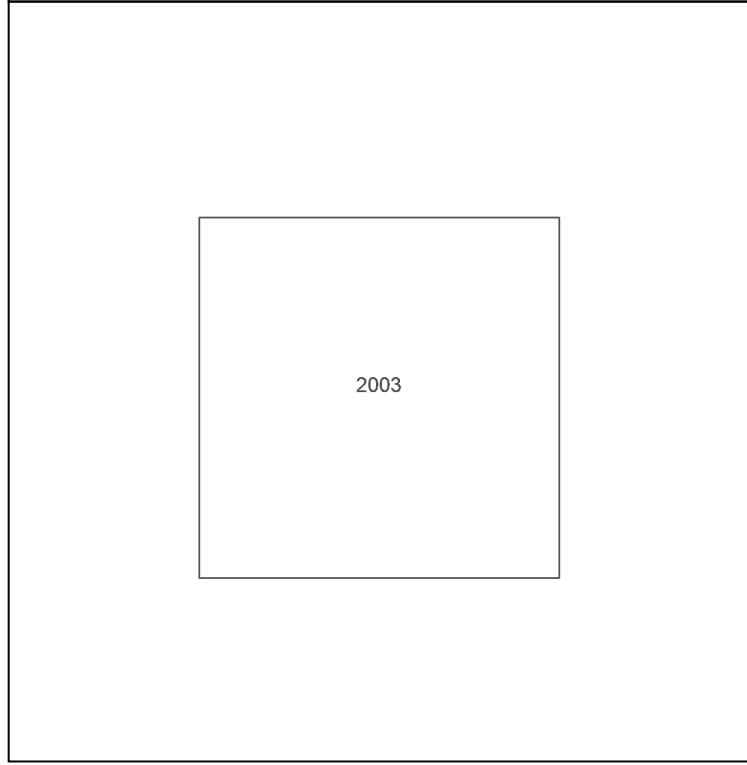
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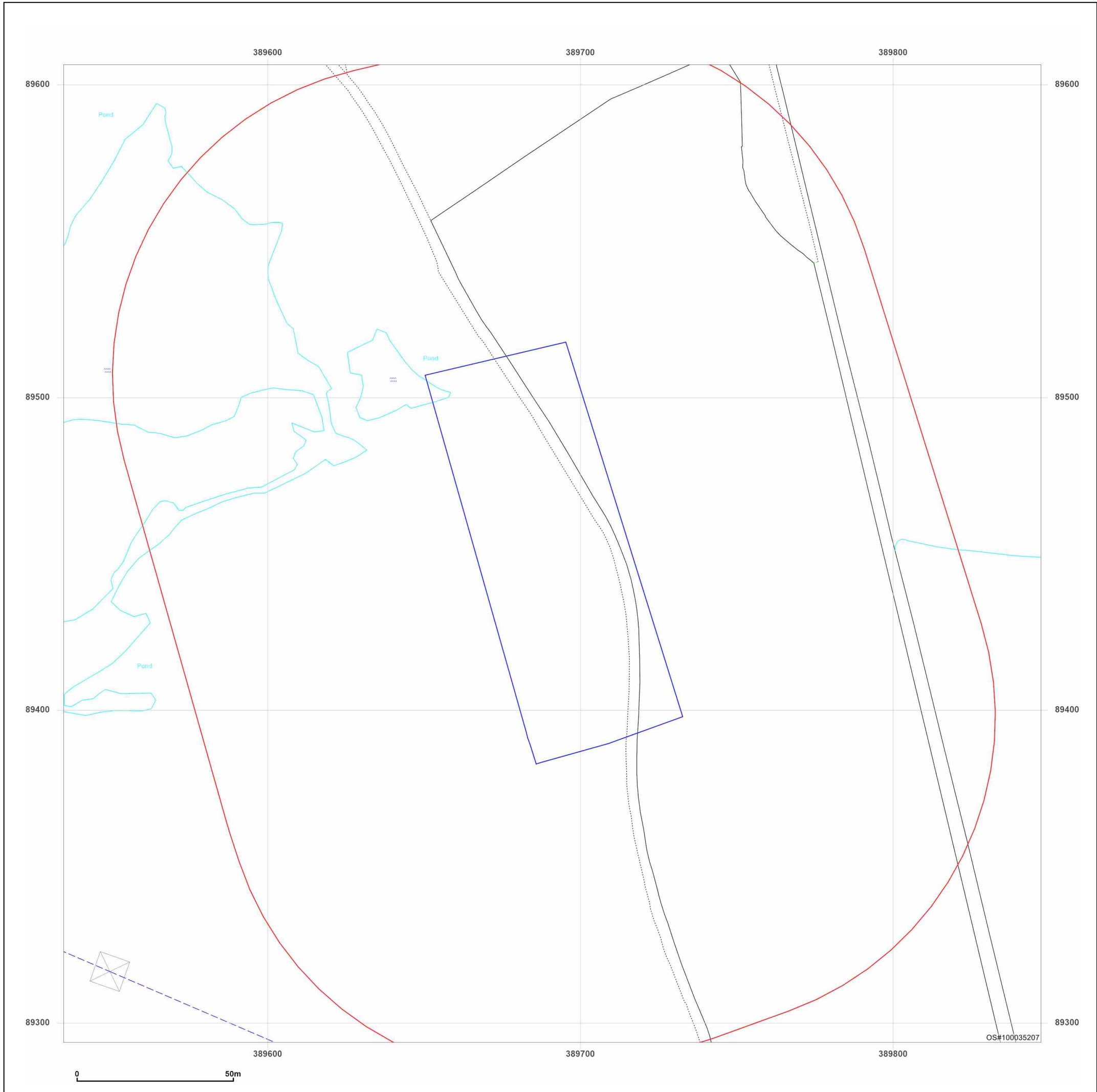


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Report Ref: GS-4FB-MRO-R9W-JUX
Grid Ref: 389691, 89450

Map Name: County Series

Map date: 1886-1887

Scale: 1:10,560

Printed at: 1:10,560



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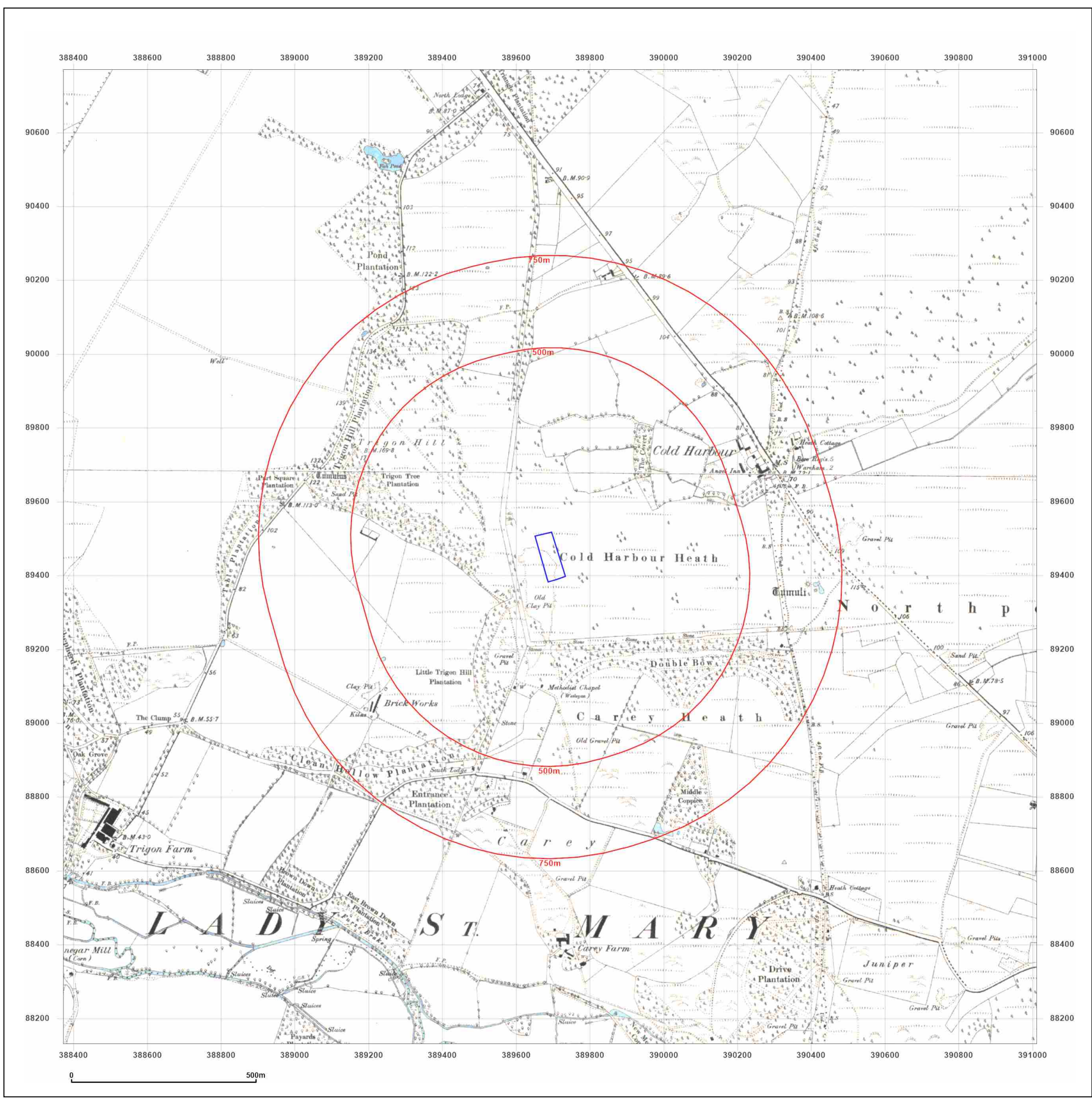


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Grid Ref: 389691, 89450

Map Name: County Series

Map date: 1900-1902

Scale: 1:10,560

Printed at: 1:10,560



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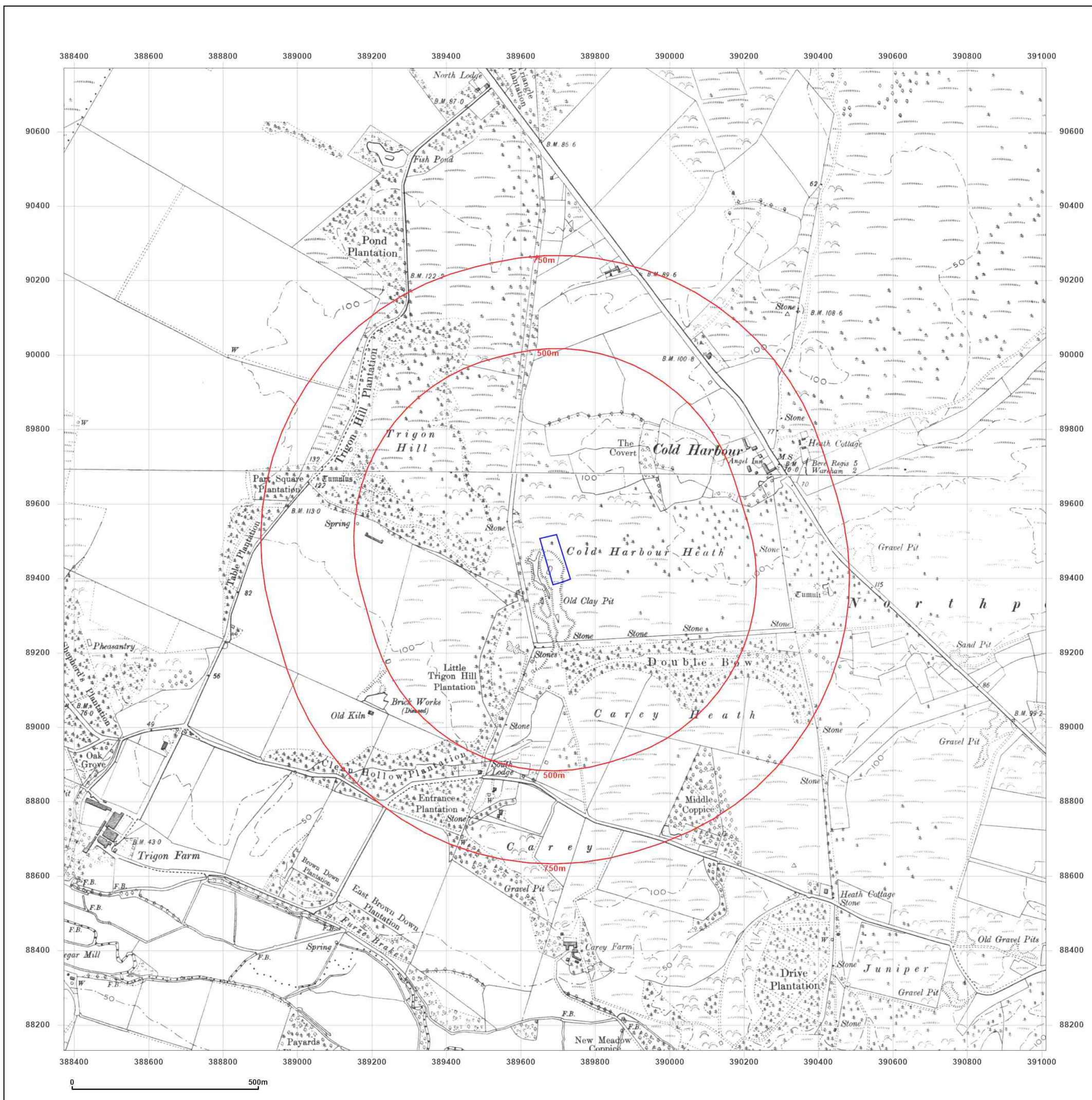


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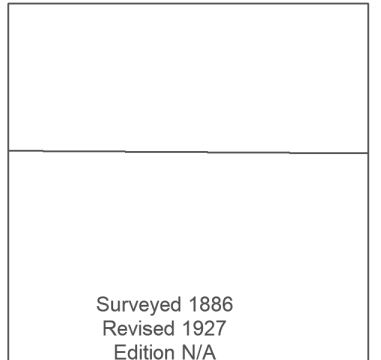
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Map Name: County Series
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Printed at: 1:10,560

Surveyed 1886
Revised 1927
Edition N/A
Copyright N/A
Levelled N/A

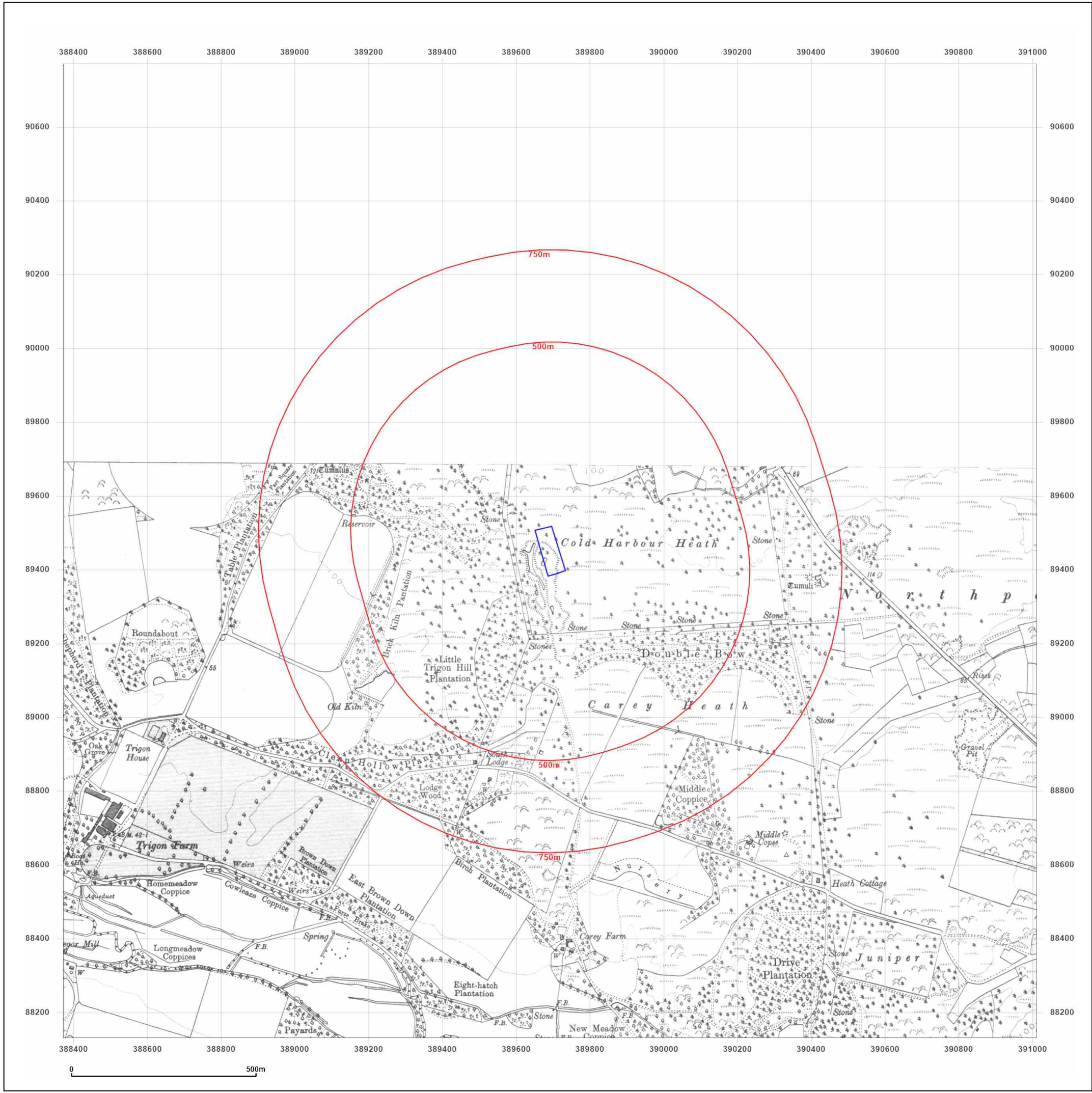


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Grid Ref: 389691, 89450

Map Name: County Series

Map date: 1930

Scale: 1:10,560

Printed at: 1:10,560



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 Edition 1930
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 Levelled N/A

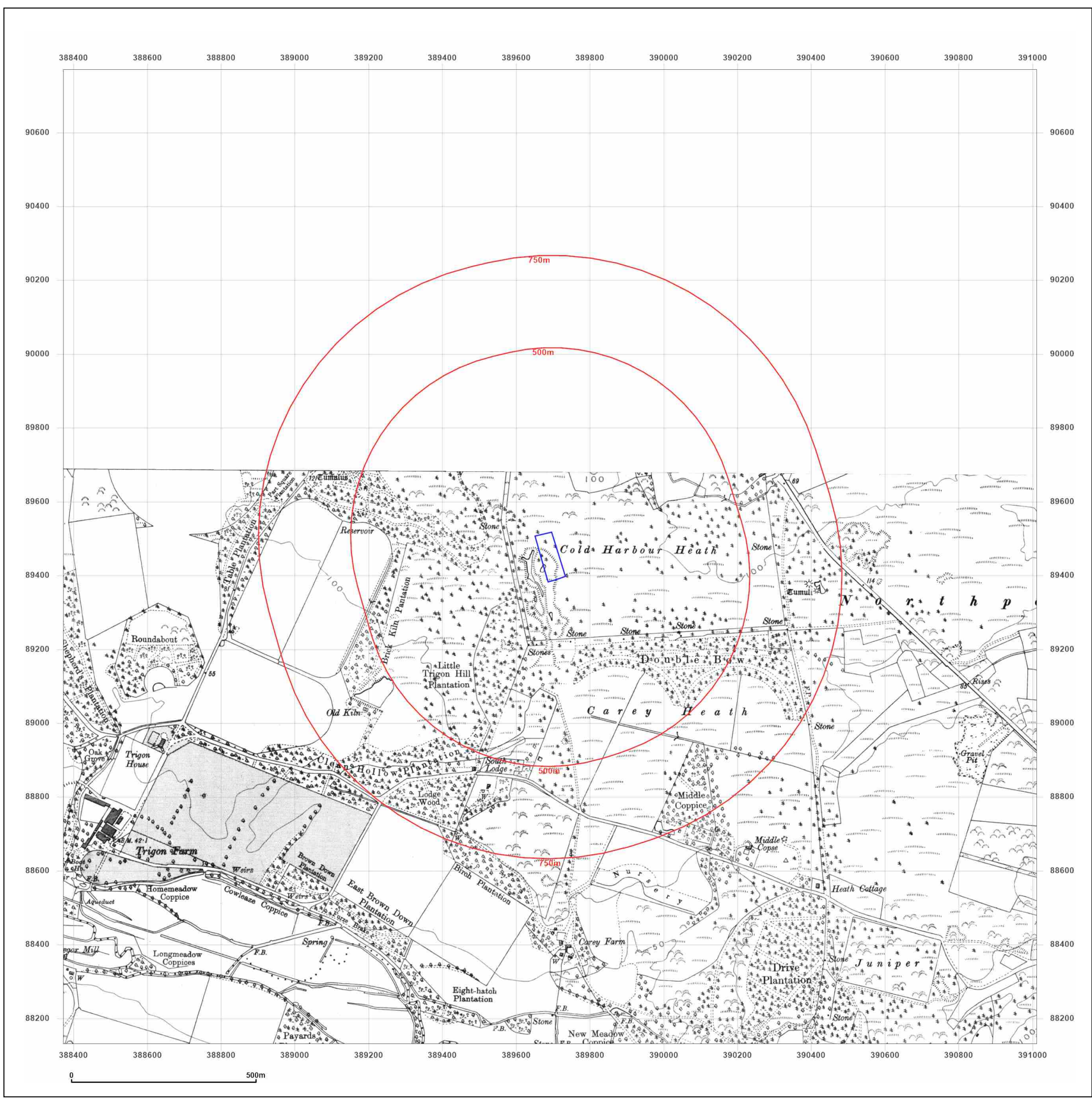


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Site Details:

389683 , 089435

Client Ref: K0485_Trigon_MRF_PO142672
Report Ref: GS-4FB-MRO-R9W-JUX
Grid Ref: 389691, 89450

Map Name: County Series

Map date: 1938

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1886
 Revised 1938
 Edition N/A
 Copyright N/A
 Levelled N/A

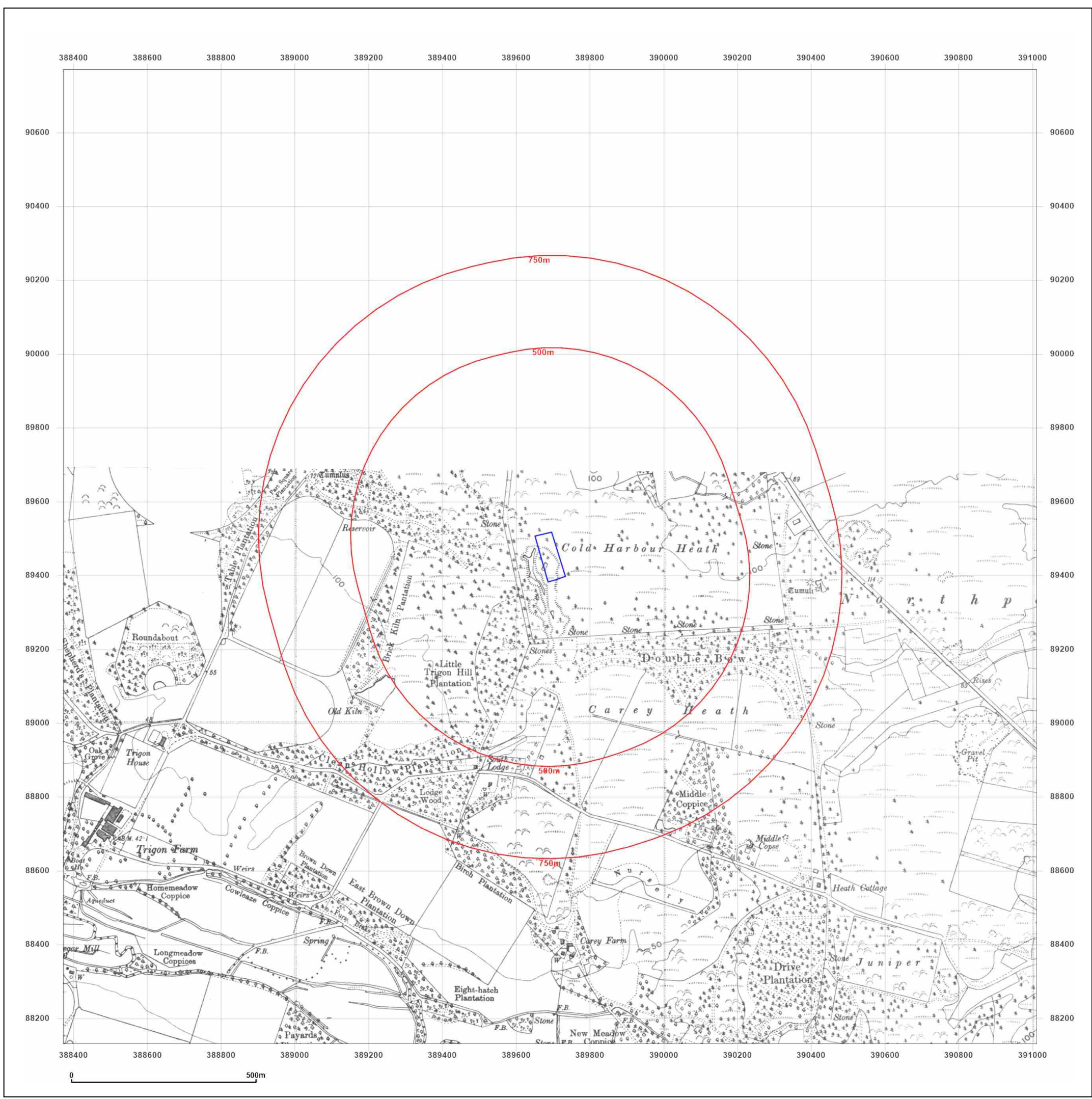


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0 500m

Site Details:

389683 , 089435

Client Ref: K0485_Trigon_MRF_PO142672
Report Ref: GS-4FB-MRO-R9W-JUX
Grid Ref: 389691, 89450

Map Name: National Grid

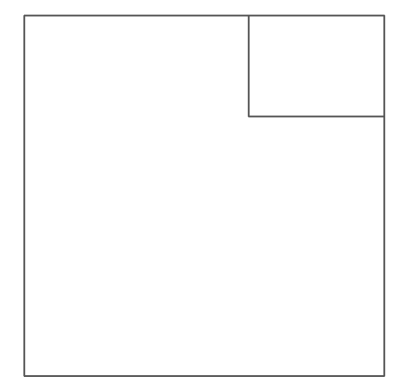
Map date: 1962

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1954
 Revised 1962
 Edition N/A
 Copyright N/A
 Levelled N/A

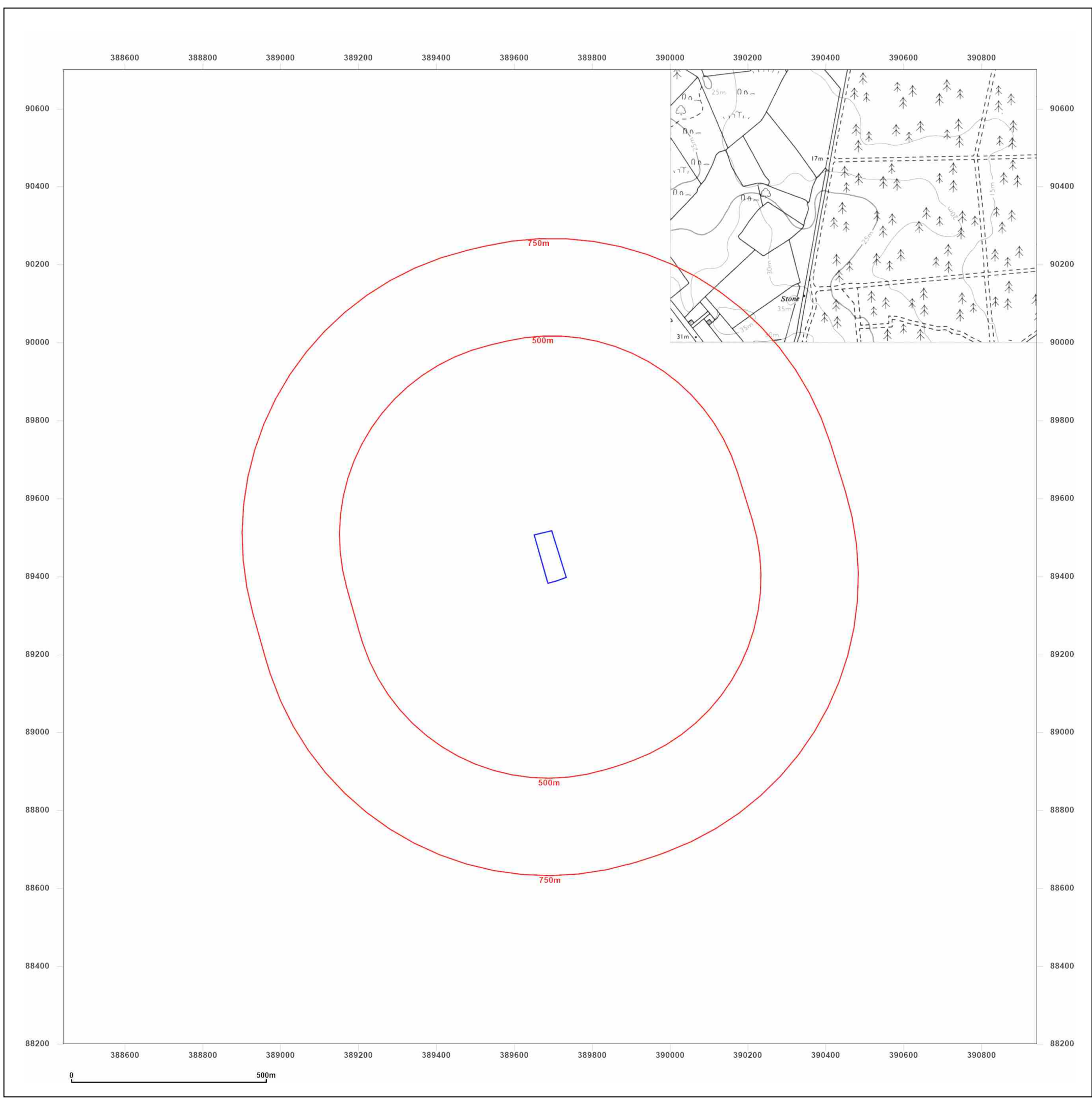


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Site Details:

389683 , 089435

Client Ref: K0485_Trigon_MRF_PO142672
Report Ref: GS-4FB-MRO-R9W-JUX
Grid Ref: 389691, 89450

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

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

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

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

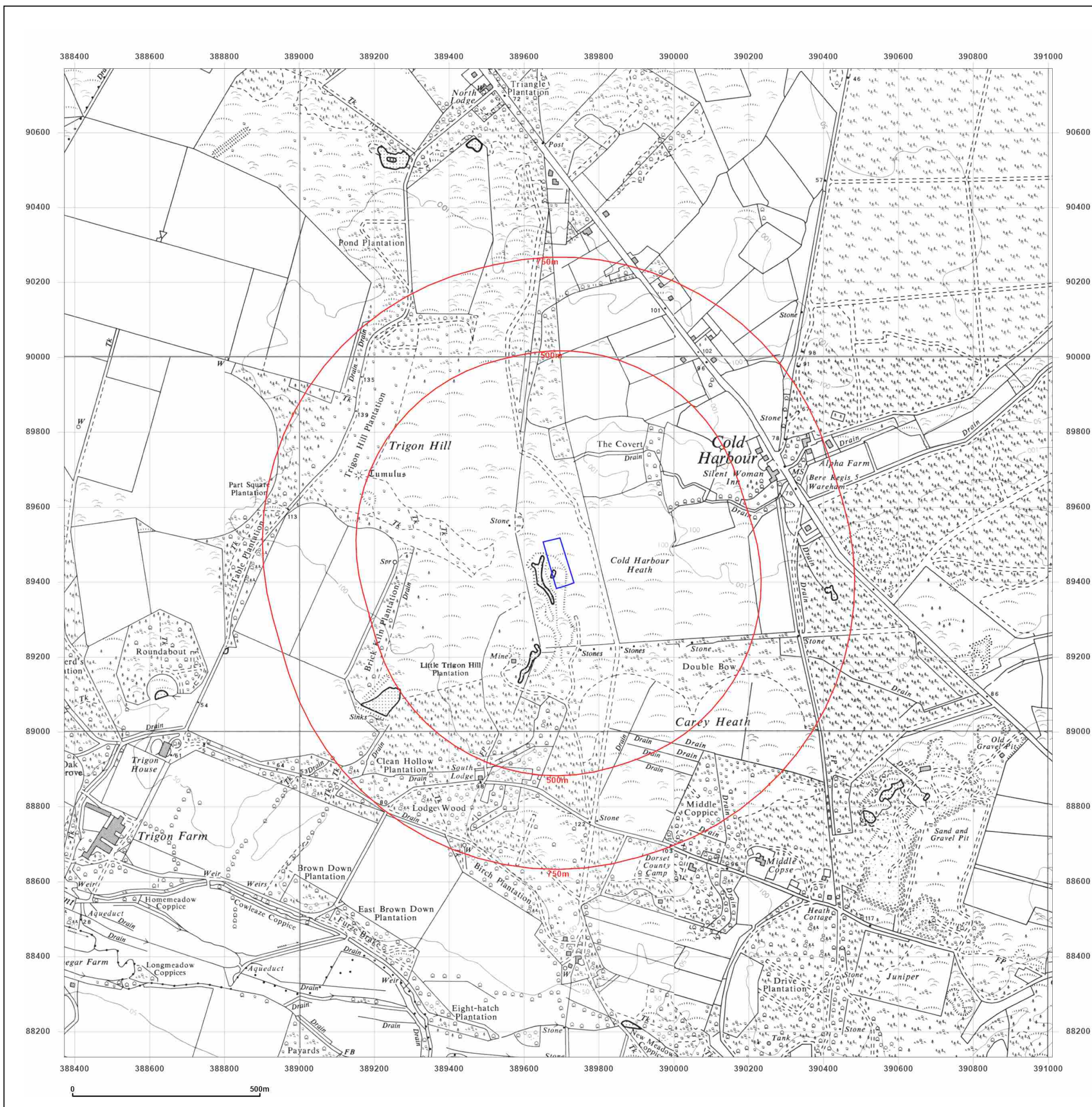


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0 500m

Site Details:

389683 , 089435

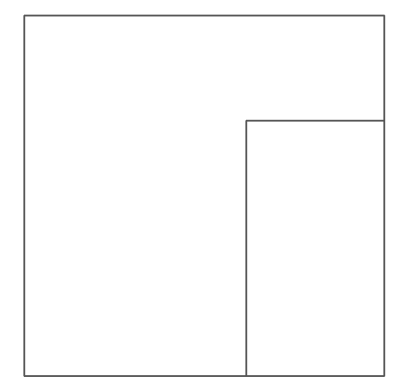
Client Ref: K0485_Trigon_MRF_PO142672
Report Ref: GS-4FB-MRO-R9W-JUX
Grid Ref: 389691, 89450

Map Name: Provisional

Map date: 1969

Scale: 1:10,560

Printed at: 1:10,560



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

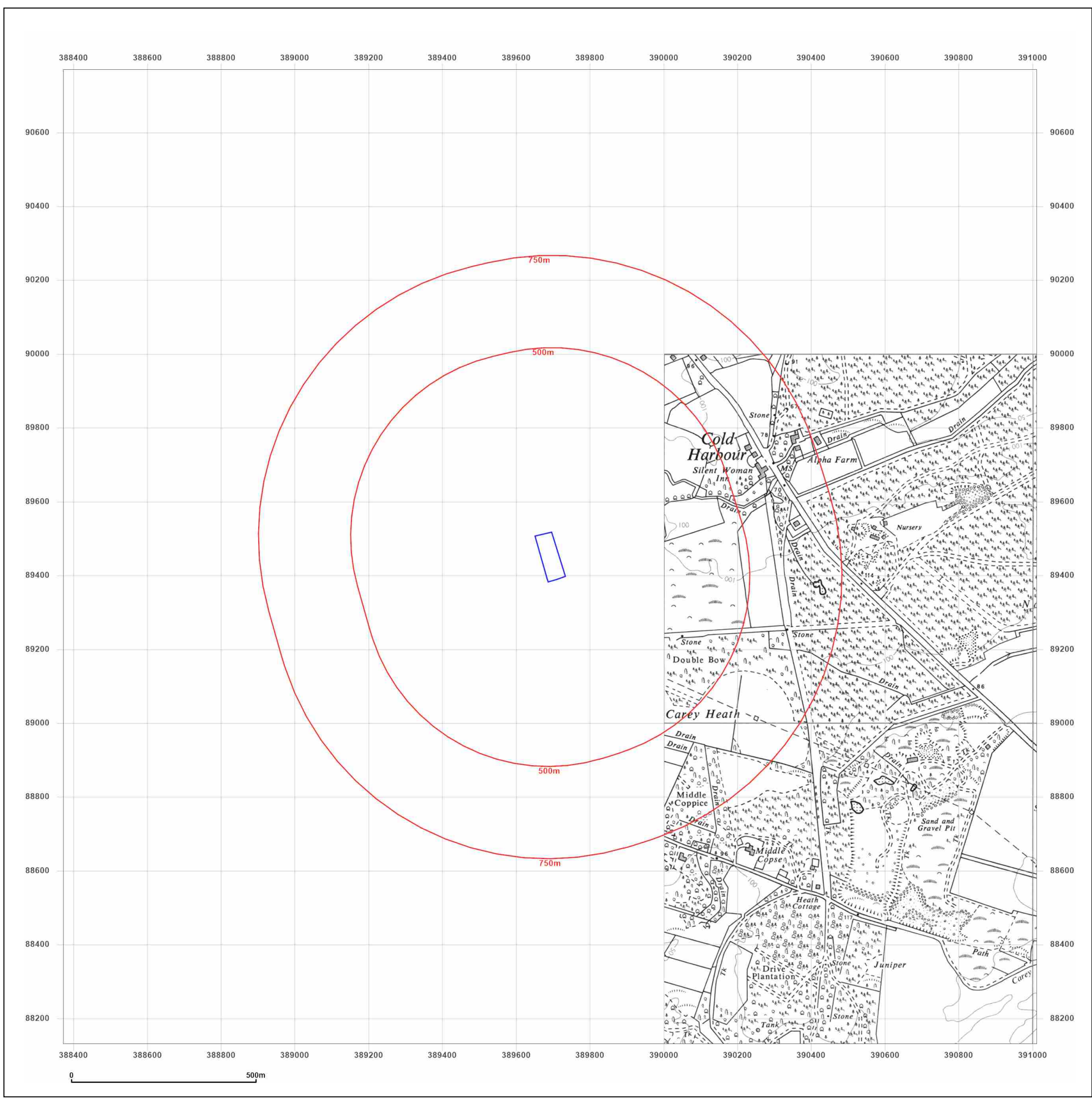


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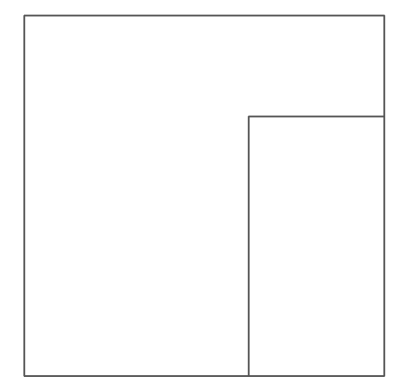
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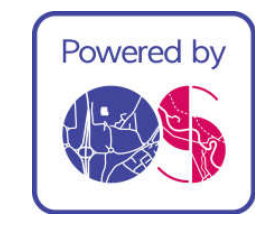
Site Details:
389683 , 089435

Client Ref: K0485_Trigon_MRF_PO142672
Report Ref: GS-4FB-MRO-R9W-JUX
Grid Ref: 389691, 89450

Map Name: National Grid
Map date: 1981
Scale: 1:10,000
Printed at: 1:10,000



Surveyed 1977
Revised 1981
Edition N/A
Copyright 1981
Levelled N/A

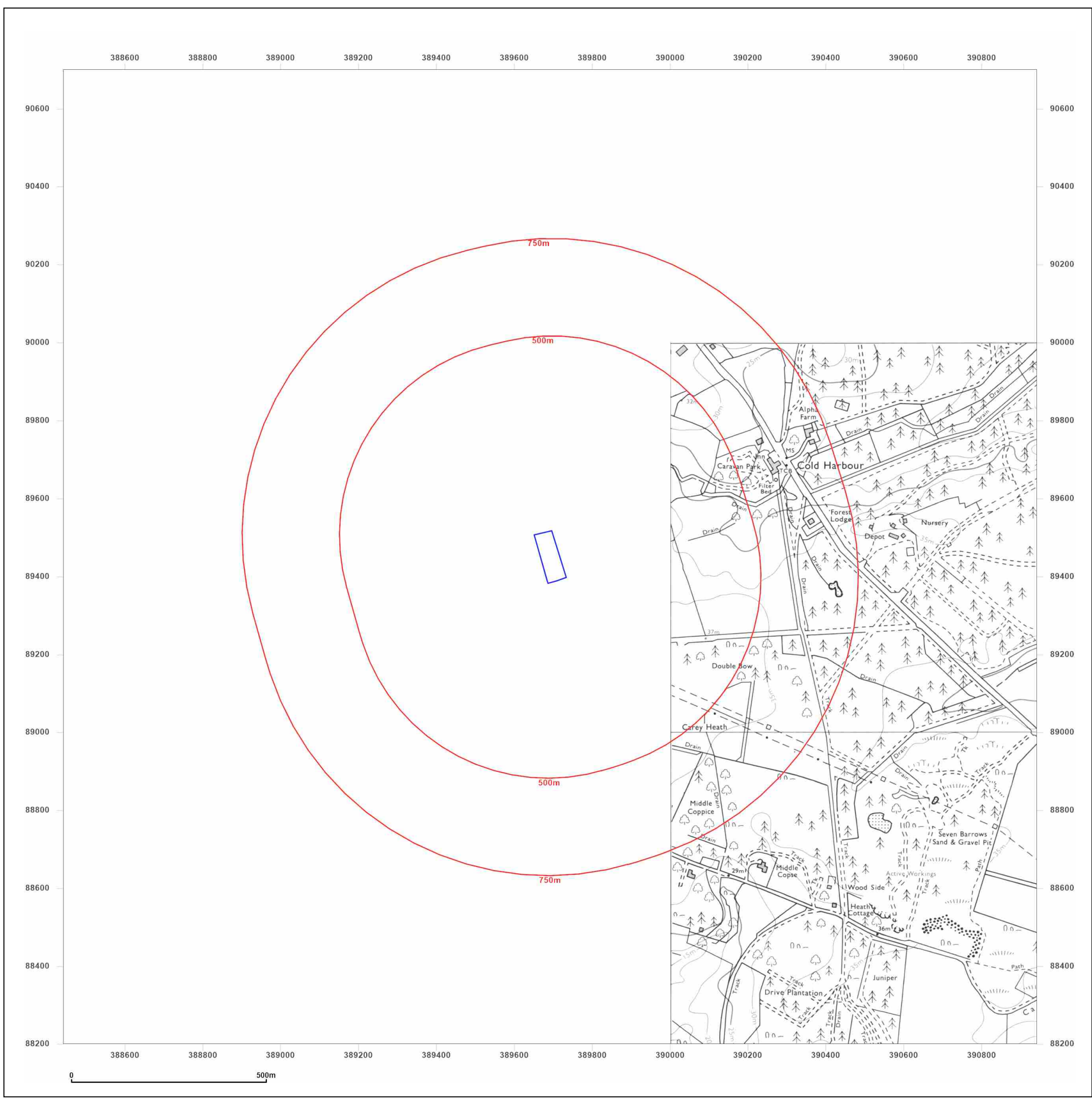


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Site Details:

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Client Ref: K0485_Trigon_MRF_PO142672
Report Ref: GS-4FB-MRO-R9W-JUX
Grid Ref: 389691, 89450

Map Name: National Grid

Map date: 1987-1989

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1959
 Revised 1989
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1981
 Revised 1988
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1983
 Revised 1987
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1985
 Revised 1989
 Edition N/A
 Copyright N/A
 Levelled N/A

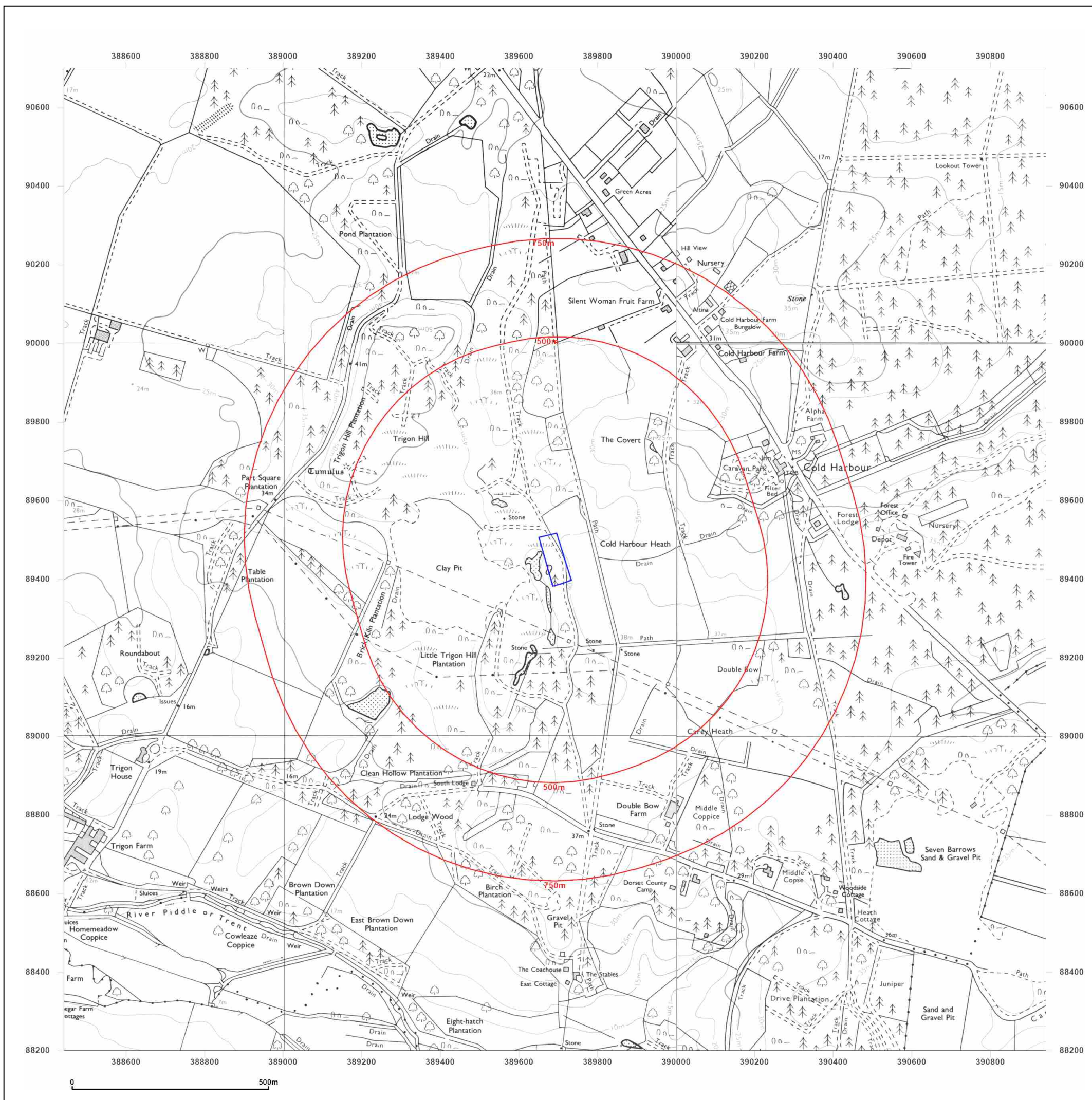


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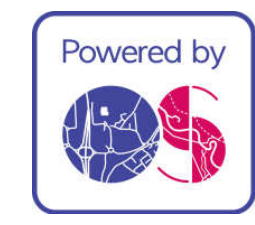
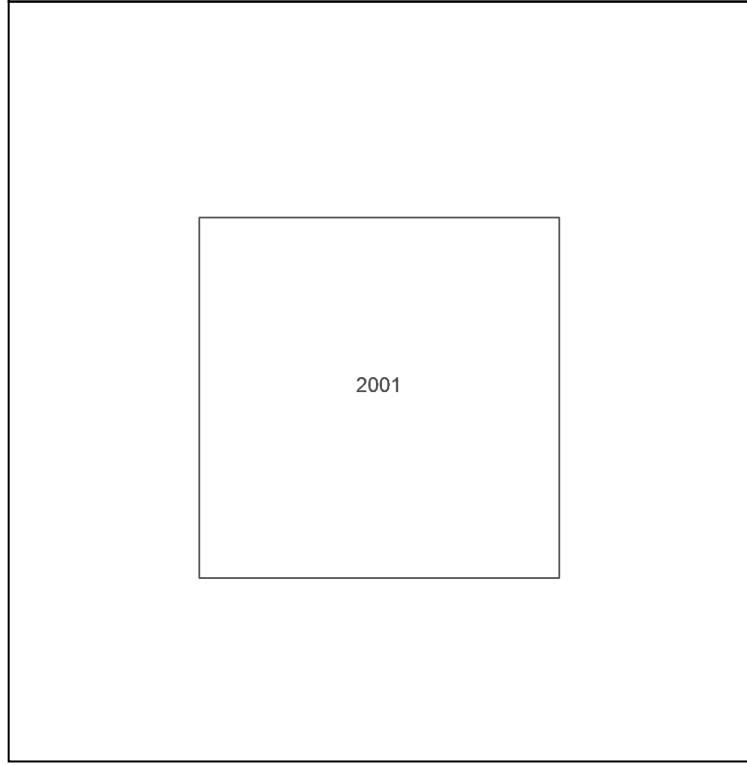
Client Ref: K0485_Trigon_MRF_PO142672
Report Ref: GS-4FB-MRO-R9W-JUX
Grid Ref: 389691, 89450

Map Name: National Grid

Map date: 2001

Scale: 1:10,000

Printed at: 1:10,000

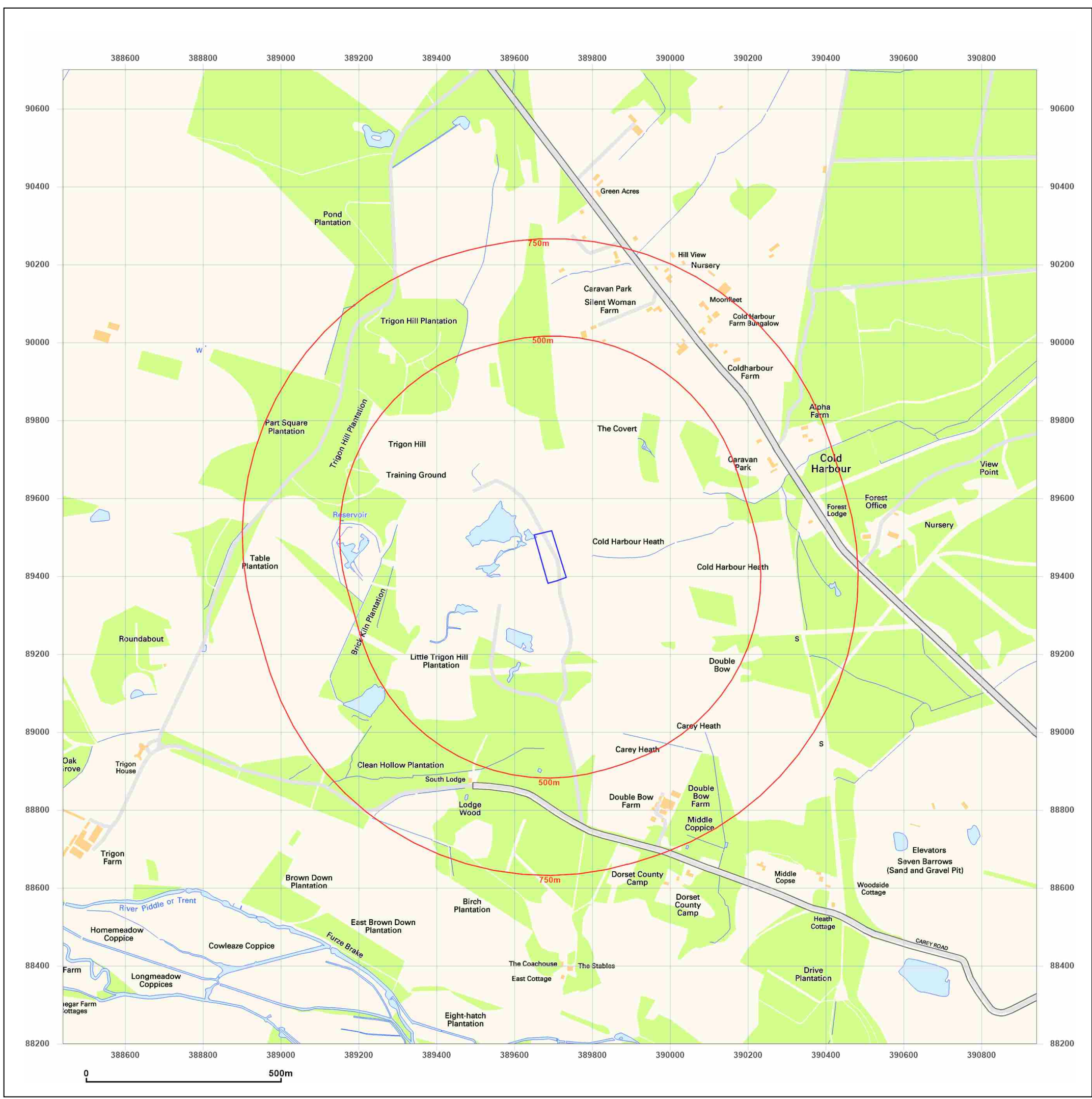


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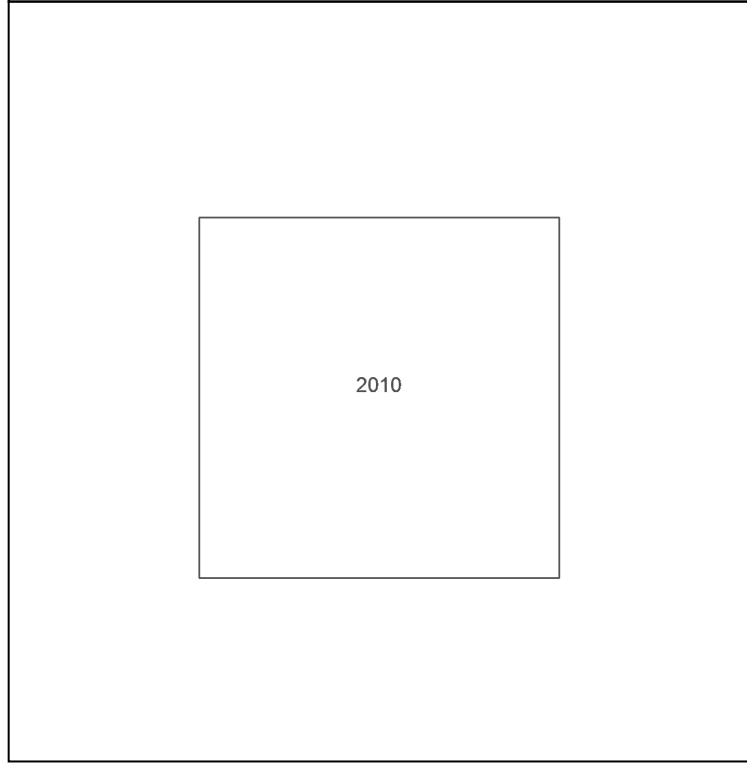
Client Ref: K0485_Trigon_MRF_PO142672
Report Ref: GS-4FB-MRO-R9W-JUX
Grid Ref: 389691, 89450

Map Name: National Grid

Map date: 2010

Scale: 1:10,000

Printed at: 1:10,000

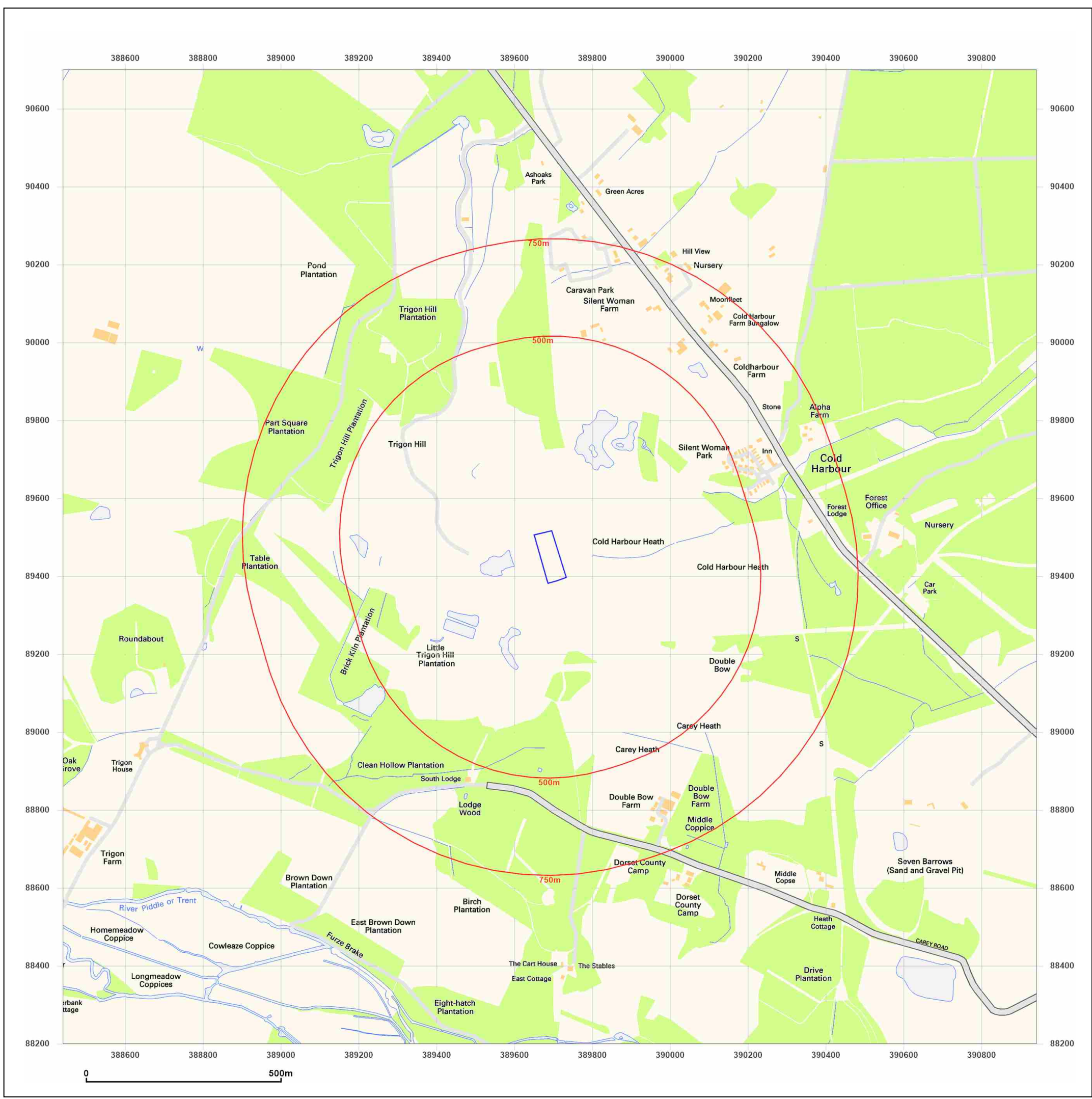


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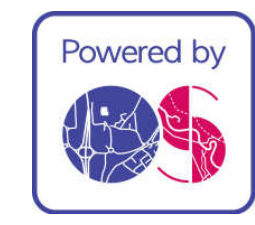
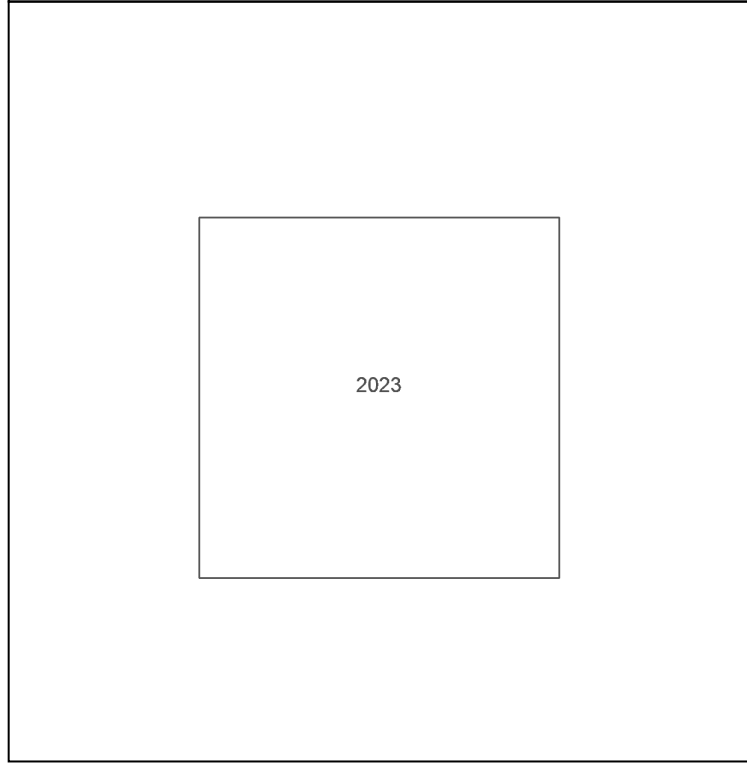
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Report Ref: GS-4FB-MRO-R9W-JUX
Grid Ref: 389691, 89450

Map Name: National Grid

Map date: 2023

Scale: 1:10,000

Printed at: 1:10,000

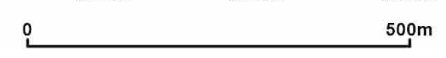
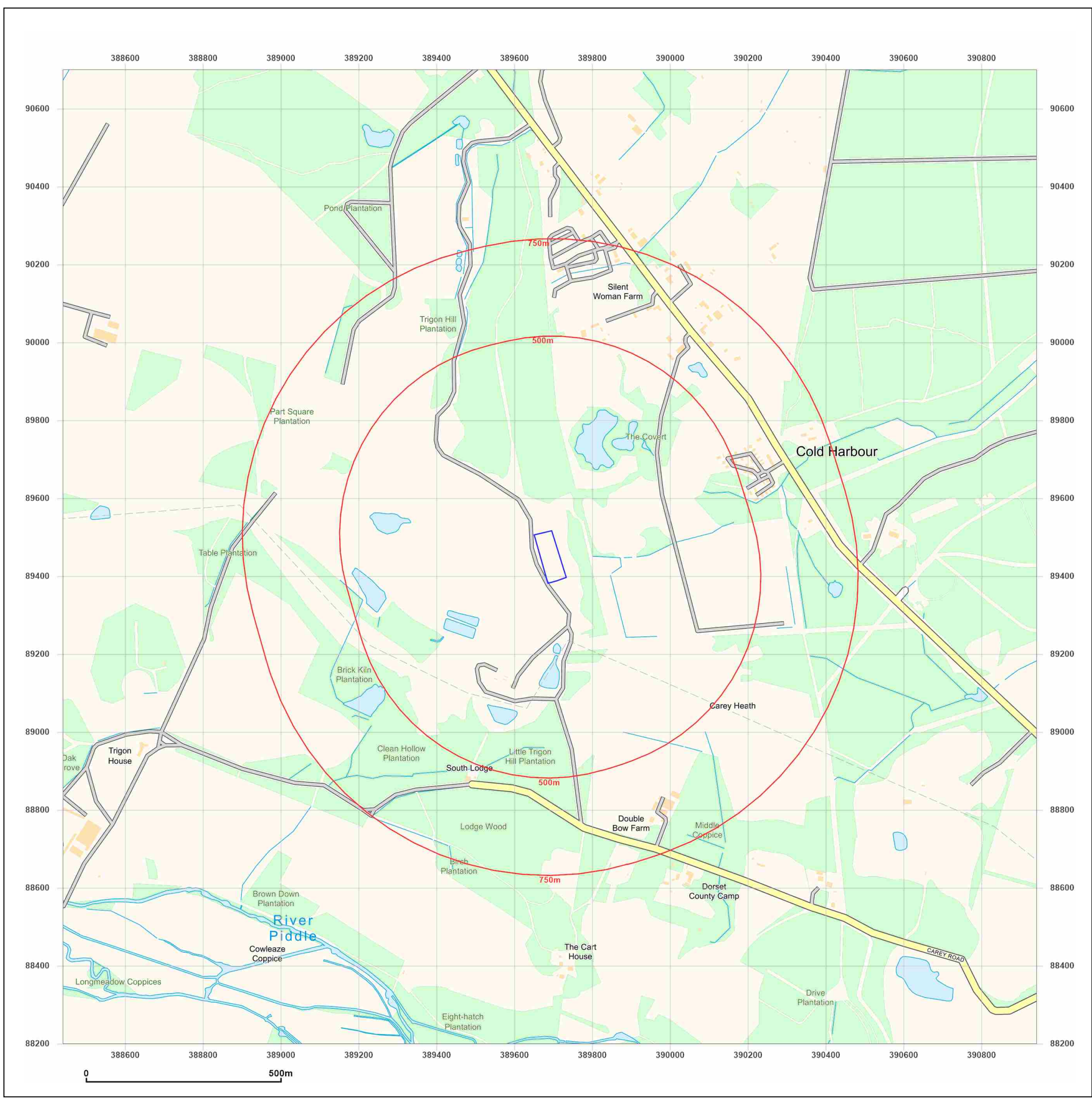


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