



Phase I Environmental Report

Land to the rear of Central House, 25-27 Perrymount Road, Haywards
Heath, West Sussex. RH16 3TP

For

Marson Properties Ltd



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Project:	Land to the rear of Central House, 25-27 Perrymount Road, Haywards heath, West Sussex. RH16 3TP
For:	Marson Properties Ltd
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Author:	Richard Hamilton – Director of Geoenviromental
Reviewer:	Steve Rhodes - Director

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1.0 INTRODUCTION

Background

- 1.1 Enzygo Geoenvironmental Limited has been commissioned to prepare a Phase I Geo-Environmental Report for a site at land to the rear of Central House, 25-27 Perrymount Road, Haywards heath, West Sussex. RH16 3TP.

Proposed Development

- 1.2 The proposed scheme involves the construction of an annex building to the rear of the office block. An existing location plan and elevation drawing are given in the drawing sections (PDP100P2 and EXE01) together with proposed layout drawings for the new building.
- 1.3 The objectives of the study are to:
- Review the existing desk study for the existing site;
 - Obtain up to date desk study information, which is included in Appendix A;
 - Assess the implications of any potential environmental risks, liabilities and development constraints associated with the site in relation to the future use of the site and in relation to off-site receptors; and
 - Provide a factual and interpretative report relating to the desk study.
 - Provide preliminary recommendations in relation to environmental risk.

Risk Classification

- 1.4 Enzygo Geoenvironmental has utilised the available information, together with our experience to assess the likely risks to development from land quality issues. Definitions of the risk terms used are provided on the following table.

Risk	Description
Negligible	No contamination risk has been identified which is likely to affect development.
Low	No significant contaminated land risks have been encountered affecting development and a low risk that remediation will be required.
Low-Moderate	There are unlikely to be significant contaminated land issue associated with the site which will adversely affect its re-development. However, minor or localised contamination may be present requiring remediation. Remediation should be possible under a discovery strategy and with a call out service.
Moderate	Some potential contaminated land risks have been encountered or identified which may affect re- development. The risks identified are unlikely to affect the entire site or preclude development. Remediation is considered feasible as part of the development process and no further investigation is considered necessary.
Moderate-High	Some potentially significant contaminated land risks have been identified at the property that requires remediation. It is recommended that a separate remedial methodology is prepared supported by a site-specific risk assessment
High	Significant potential contaminated land risks have been identified and remediation is required supported by further intrusive ground investigation, risk assessment and remedial design.

- 1.5 Where adverse risks from ground instability are identified these are discussed within the report.

2.0 SITE SETTING

Site Description

Item	Description
Site Address	Central House, 25-27 Perrymount Road, Haywards Heath, West Sussex. RH16 3TP
National Grid Reference	533070;124276

Current Site Description

- 2.1 A site walk over was undertaken on 25th June 2021 by an experienced environmental consultant from Enzygo Geoenvironmental Ltd. Representative photographs from the site walk over are included in Appendix B.
- 2.2 The site comprises a parcel of land car parking to the rear (west) of a five storey brick office block .
- 2.3 A substation was noted inside the building to the east of the proposed site area and no spillages were noted on the surfacing around the substation.
- 2.4 The site comprised tarmac car parking to the rear (west) of the office block grading and sloped down to the west of the site. Landscaping is shown on the site boundaries.
- 2.5 No evidence of fuel or chemical storage was noted on site a sub station was noted on the western elevation of the building to the north of the proposed site and the historically air condition units historically stored in the car park which have been removed.

Surrounding Area

- 2.6 Land uses surrounding the site are summarised as follows:

Direction	Land Use
North	Offices and railway station and associated infrastructure.
East	Existing office building, Perrymount Road, residential flats and nursery beyond.
South	Adjacent semi detached offices, with commercial and residential use beyond.
West	Trees and landscaped boundary, railway line and residential use beyond.

- 2.7 No significant risks are identified on or adjacent to the site.

3.0 SITE HISTORY

3.1 A review of historical Ordnance Survey maps pertinent to the site and for the entire site area including the existing building to the east of the proposed site and within a 250m radius is summarised below:

Potentially Contaminative Historical Land Use		
Map Edition	Site	Surrounding Area
1874	Open fields with a small building to the south east corner of the site	Perrymount Road 0m E. Railway station 150m NW. Railway lines 90m W. Railway cutting 40m W. Old sand pit 200m SE. Residential houses bordering eastern Perrymount road boundary 50m N. Tunnel 250m SE.
1897-1910	Semi-detached bordering western boundary of Perry Mount Road. Rear gardens for the houses.	Large residential houses (Jirch house) 30m SE. The Heath Recreation ground 100m E. Sand pit infilled and developed with houses. Residential and commercial development 100m NE
1955	No changes.	Continued ribbon residential development along road networks. Cricket Ground 145m NE.
1960	Houses referenced as Pontresina, Chailey House and semi detached	Residential ribbon development houses have all been named.
1968	Set of outbuildings shown in north western garden.	Some of the residential ribbon development rebuilt as possible commercial units (50m N) Jirch House redeveloped as Jirch Court (residential blocks/flats).
1976	Site shown as vacant. No buildings shown with the exception of rear outbuilding in northern garden (possible garages accessed Hudson Road 0m N). Garden boundaries still shown.	Surgery 20m E and Newton Court (flats) 40m NE. Electrical substation shown 50m N.
1989	Garages not shown.	Juston House 10m S. Rockwood House 50m S.
1994-2003	Current development of semi-detached offices 25 -27 Perrymount Road.	Railway car park 20m NW.
2010-2021	No significant changes.	No significant changes.

3.2 The gravel pit was infilled by 1897 with housing. Given the distance from the site it is not considered a risk to the site.

3.4 The identified groundworks are associated with the railway cutting and tunnel to the northwest, west and southwest of the site. These are still shown and therefore are no risk to the site.

3.5 The current site was developed from houses and gardens in the 1990s.

3.6 There are no significant historical risk to the site.

4.0 ENVIRONMENTAL SETTING

Ground Conditions

- 4.1 The British Geological Survey (BGS) indicates that the site is underlain by the following geological sequence:

Geological Unit	Type	Description	Aquifer Classification
Drift.	None	N/A.	N/A.
Solid.	Upper Tunbridge Wells Sand.	Interbedded siltstone and sandstone.	Secondary A

- 4.2 No Made Ground is not present within or the close to the site.
- 4.3 There are no BGS borehole records within or close to the site.
- 4.4 Records of background soil chemistry do not identify any concentrations above residential GAC values.

Groundwater

- 4.5 Published permeability of the solid geology is recorded as being moderate to high representing the mixed lithology.
- 4.6 The GroundSure Report shows the site is not within a Source Protection Zone.
- 4.7 There are no groundwater abstraction licenses within 500m of the site.

Coal Mining

- 4.8 No historical or current coal mining extraction has been identified within 500m of the site.

Non Coal Mining and Natural Cavities

- 4.9 There are no non-coal mining activities or natural cavities within 500m of the site.

Ground Workings

- 4.10 The railway is in cutting ranging from 12m west to 16m northwest and 41m west. A railway tunnel is shown 249m southwest and an air shaft 315m southwest and 410m south. Given the distance to the site no new risks are identified.

Hydrology

- 4.11 There are no surface water courses on site.
- 4.12 There are no surface water courses within 500m of the site.
- 4.13 There are no surface water abstractions within 500m of the site.
- 4.14 Environment Agency records show that the site is not located within a Food Zone.

Radon Risk Potential

- 4.15 The Groundsure GeoInsight Report indicates that the site is not within a Radon Affected Area therefore no radon protective measures are necessary in the construction of new dwellings.

Natural Hazards Finding

- 4.16 BGS information presented within the Groundsure GeoInsight report identifies the following ground conditions:

Hazard	Risk Designation (Groundsure)
Coal Mining	None.
Collapsible Ground	Very low.
Compressible Ground	Negligible.
Ground Dissolution	Negligible.
Landslide	Very Low.
Running Sand	Negligible.
Swelling / Shrinking Clay	Negligible.

- 4.17 No significant ground stability risks have been identified.

Sensitive Land Uses

- 4.18 The site is currently offices and is of low sensitivity.
- 4.19 No ecologically sensitive designations are identified on the site.

Historical and Archaeological Features

- 4.20 English Heritage does not identify any Scheduled Ancient Monuments on the site.

Environmental Sensitivity

4.21 Overall the site is currently considered to be of Low environmental sensitivity due to the following:

- The underlying stratum is classified as a Secondary Aquifer;
- No surface water courses near to the site.
- No llicensed groundwater abstractions within 500m of the site.
- Site is not within a Source Protection Zone; and
- No sensitive ecology noted on site.

4.22 The proposed end use of the site is for residential apartments and as such future sensitivity will be moderate for end users.

Industrial Land Uses

4.23 The site use is listed as being used for offices. Other industrial commercial uses within 250m of the site include, sub-stations publish goods, vehicle repairs, civil engineers and commercial uses.

4.24 No new risks are identified from the register of industrial land uses.

4.25 The Groundsure EnviroInsight Report indicates that there are no fuel stations entries within 250m of the site.

4.26 There are no high-pressure oil/gas pipelines located within 250m of the site.

4.27 No new risks are identified from the register of industrial uses.

5.0 CONSULTATIONS

Regulatory Database

- 5.1 The following information has been obtained from a commercially available environmental database.

Environmental Permits, Incidents and Registers	0 -250m	250-500m	Details
Site determined as contaminated land	0	0	Not applicable
Authorised industrial processes	0	0	Not applicable.
Registered radioactive substances	0	0	Not applicable
Enforcements, prohibitions or prosecutions	0	0	Not applicable.
Pollution Incidents	1	4	Closest is 117m south (minor impact (category 3) to water, air and land Crude Sewage. Given the distance this is not considered a risk to the site.
Consents issued under the Planning (Hazardous Substances) Act 1990	0	0	Not applicable.
Control of Major Accident Hazard (COMAH)/ Notification of Installations Handling Hazardous Substances (NIHHS) sites	0	0	Not applicable.
Records of Licensed Discharge Consents	0	7	All licences have been revoked with the closest being 363m W Trade discharge. Given the distance these are not considered a risk to the site.

- 5.2 No significant risks are identified from the regulatory data base.

Landfill Sites and Waste Treatment Sites

- 5.3 There are no current or historic landfill sites within 250m of the site.
- 5.4 A treatment waste exception is located 340m north of the site. Given the distance to the site this is not considered a risk to the site.
- 5.5 No significant risks are identified from waste activities.

6.0 PRELIMINARY CONCEPTUAL MODEL

Source	Location	Exposure Pathway	Potential Receptor	Probability of Exposure	Details
Human Health					
Asbestos, hydrocarbons and metals.	Current and Historic Sources.	Ingestion dermal and inhalation.	Construction Workers.	Dismissed.	No significant on site source identified, and presence of hardstanding and dense planting will break potential pollutant linkage.
			Site users.		
Asbestos, hydrocarbons and metals.	Unforeseen Contamination.	Ingestion dermal and inhalation.	Construction Workers.	Dismissed.	No significant risk identified, and normal PPE will address any residual risk.
			Site Users.	Negligible.	Discovery Strategy proposed should any sub-structure works be undertaken.
Hydrocarbon and metals.	Migration from off-site sources.	Ingestion dermal and inhalation.	Construction Workers.	Dismissed.	No significant source identified from desk study information.
			Site users.		
Ground Gas.	Historic Landfills.	Inhalation & Explosive.	Construction Workers.	Dismissed.	No significant source identified.
			Site users.		
Groundwater					
Hydrocarbon and metals.	Potential spillage on site.	Vertical Migration.	Groundwater.	Dismissed.	No source identified on site.
Surface Water					
Hydrocarbon and metals.	Potential spillage on site.	Horizontal Migration.	River Network.	Dismissed.	No receptor.
Environmental Receptors					
On site contaminants		Ingestion dermal and inhalation.	Ecology.	Dismissed.	No sensitive ecology designation.
		Direct.	Archaeology.	Dismissed.	None present.
		Direct.	Geology.	Dismissed.	None present.
		Phytotoxic.	Woodland.	Dismissed.	No receptor.
		Phytotoxic.	Crops.	Dismissed.	No receptor.
		Ingestion dermal and inhalation.	Livestock.	Dismissed.	No source identified.
Building Services					
On site contaminants		Direct.	Historic Buildings.	Dismissed.	No receptors
		Direct.	Proposed Buildings.	Dismissed.	No source identified.
		Permeate into pipework.	Water Pipes.	Dismissed.	No source identified.

6.1 No significant risks are identified.

7.0 DISCUSSIONS AND RECOMMENDATIONS

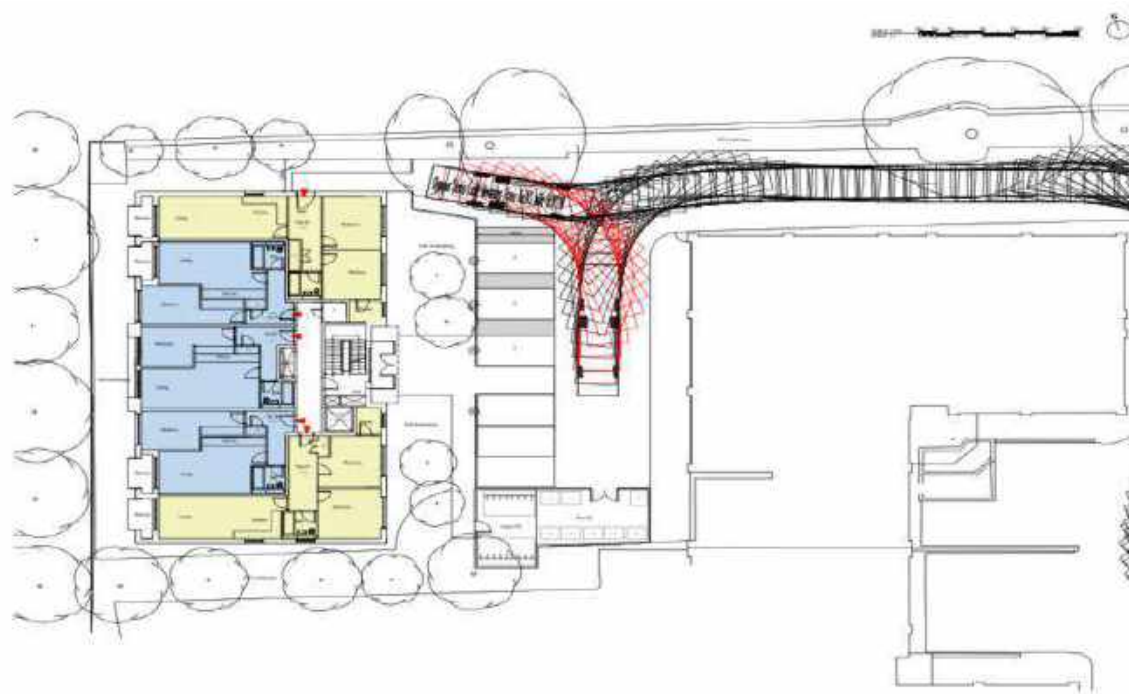
Proposed Development

- 7.1 The proposed scheme involves the proposed annex building to the west of existing office block. The Office block is currently under redevelopment into apartments. The proposed annex building is located within an area of hardstanding to the west of the office block.

Discussion

- 7.2 No significant on-site or off-site contamination sources have been identified from the desk study.
- 7.3 It is considered that the construction of Annex building with hardstanding and planting areas represent a moderate sensitivity end use and no significant risk is identified.
- 7.4 Should planting be proposed it is considered that clean topsoil will be required to provide a suitable planting medium.
- 7.5 No intrusive site contamination investigation is considered necessary based on the findings of the desk study.
- 7.6 If unforeseen contamination is encountered during construction works an Environmental Consultant will be available on a 'call out' basis to undertake an assessment of risk. If 'unforeseen contamination' is encountered this will be discussed with the Local Planning Authority and remedial measures agreed prior to implementation. A validation report will be prepared should any remediation of unforeseen contamination be required in accordance with the NPPF.

APPENDIX A – DESK STUDY INFORMATION



Site: Land to the rear of Central House, 25-27 Perrymount Road, Haywards Heath, West Sussex. RH16 3TP

Client: Park Marson Properties Ltd

Job number: CRM.1293.009

Title: Site location plan

Drawing number CRM.1293.009.GE.D001

Perrymount Road, Haywards Heath, West Sussex, RH16 3TP

Order Details

Date: 23/06/2021
Your ref: EMS_703837_920495
Our Ref: EMS-703837_920495
Client: emapsite

Site Details

Location: 533069 124277
Area: 0.27 ha
Authority: [Mid Sussex District Council](#)



Summary of findings

p. 2

Aerial image

p. 8

OS MasterMap site plan

p.13

groundsure.com/insightuserguide

Summary of findings

Page	Section	Past land use	On site	0-50m	50-250m	250-500m	500-2000m
14	1.1	Historical industrial land uses	0	12	28	49	-
18	1.2	Historical tanks	0	0	1	16	-
19	1.3	Historical energy features	0	2	12	21	-
20	1.4	Historical petrol stations	0	0	3	1	-
21	1.5	Historical garages	0	0	3	17	-
22	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
23	2.1	Historical industrial land uses	0	17	37	63	-
28	2.2	Historical tanks	0	0	2	23	-
29	2.3	Historical energy features	0	6	19	41	-
32	2.4	Historical petrol stations	0	0	4	1	-
32	2.5	Historical garages	0	0	4	22	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
34	3.1	Active or recent landfill	0	0	0	0	-
34	3.2	Historical landfill (BGS records)	0	0	0	0	-
35	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
35	3.4	Historical landfill (EA/NRW records)	0	0	0	0	-
35	3.5	Historical waste sites	0	0	0	0	-
35	3.6	Licensed waste sites	0	0	0	0	-
35	3.7	Waste exemptions	0	0	0	2	-
Page	Section	Current industrial land use	On site	0-50m	50-250m	250-500m	500-2000m
37	4.1	Recent industrial land uses	0	2	18	-	-
39	4.2	Current or recent petrol stations	0	0	0	1	-
39	4.3	Electricity cables	0	0	0	0	-
39	4.4	Gas pipelines	0	0	0	0	-
39	4.5	Sites determined as Contaminated Land	0	0	0	0	-



39	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
40	4.7	Regulated explosive sites	0	0	0	0	-
40	4.8	Hazardous substance storage/usage	0	0	0	0	-
40	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
40	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
40	4.11	<u>Licensed pollutant release (Part A(2)/B)</u>	0	0	1	1	-
41	4.12	Radioactive Substance Authorisations	0	0	0	0	-
41	4.13	<u>Licensed Discharges to controlled waters</u>	0	0	0	7	-
42	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
43	4.15	Pollutant release to public sewer	0	0	0	0	-
43	4.16	List 1 Dangerous Substances	0	0	0	0	-
43	4.17	List 2 Dangerous Substances	0	0	0	0	-
43	4.18	<u>Pollution Incidents (EA/NRW)</u>	0	0	1	4	-
44	4.19	Pollution inventory substances	0	0	0	0	-
44	4.20	Pollution inventory waste transfers	0	0	0	0	-
44	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
45	5.1	Superficial aquifer	None (within 500m)				
46	5.2	<u>Bedrock aquifer</u>	Identified (within 500m)				
48	5.3	<u>Groundwater vulnerability</u>	Identified (within 50m)				
49	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
49	5.5	Groundwater vulnerability- local information	None (within 0m)				
50	5.6	<u>Groundwater abstractions</u>	0	0	0	0	1
51	5.7	<u>Surface water abstractions</u>	0	0	0	0	1
51	5.8	Potable abstractions	0	0	0	0	0
52	5.9	Source Protection Zones	0	0	0	0	-
52	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
53	6.1	Water Network (OS MasterMap)	0	0	0	-	-



53	6.2	Surface water features	0	0	0	-	-
54	6.3	<u>WFD Surface water body catchments</u>	1	-	-	-	-
54	6.4	<u>WFD Surface water bodies</u>	0	0	0	-	-
55	6.5	<u>WFD Groundwater bodies</u>	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
56	7.1	Risk of Flooding from Rivers and Sea (RoFRaS)	None (within 50m)				
56	7.2	Historical Flood Events	0	0	0	-	-
56	7.3	Flood Defences	0	0	0	-	-
56	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
57	7.5	Flood Storage Areas	0	0	0	-	-
58	7.6	Flood Zone 2	None (within 50m)				
58	7.7	Flood Zone 3	None (within 50m)				
Page	Section	Surface water flooding					
59	8.1	<u>Surface water flooding</u>	1 in 30 year, 0.1m - 0.3m (within 50m)				
Page	Section	Groundwater flooding					
61	9.1	<u>Groundwater flooding</u>	High (within 50m)				
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
62	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
63	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
63	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
63	10.4	Special Protection Areas (SPA)	0	0	0	0	0
63	10.5	National Nature Reserves (NNR)	0	0	0	0	0
64	10.6	<u>Local Nature Reserves (LNR)</u>	0	0	0	0	4
64	10.7	<u>Designated Ancient Woodland</u>	0	0	0	0	36
66	10.8	Biosphere Reserves	0	0	0	0	0
66	10.9	Forest Parks	0	0	0	0	0
66	10.10	Marine Conservation Zones	0	0	0	0	0
66	10.11	Green Belt	0	0	0	0	0
66	10.12	Proposed Ramsar sites	0	0	0	0	0



67	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
67	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
67	10.15	Nitrate Sensitive Areas	0	0	0	0	0
67	10.16	<u>Nitrate Vulnerable Zones</u>	0	0	0	0	1
69	10.17	<u>SSSI Impact Risk Zones</u>	1	-	-	-	-
70	10.18	SSSI Units	0	0	0	0	0
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
71	11.1	World Heritage Sites	0	0	0	-	-
72	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
72	11.3	National Parks	0	0	0	-	-
72	11.4	Listed Buildings	0	0	0	-	-
72	11.5	<u>Conservation Areas</u>	0	0	2	-	-
73	11.6	Scheduled Ancient Monuments	0	0	0	-	-
73	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
74	12.1	<u>Agricultural Land Classification</u>	Urban (within 250m)				
75	12.2	Open Access Land	0	0	0	-	-
75	12.3	Tree Felling Licences	0	0	0	-	-
75	12.4	Environmental Stewardship Schemes	0	0	0	-	-
75	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
76	13.1	<u>Priority Habitat Inventory</u>	0	0	5	-	-
77	13.2	Habitat Networks	0	0	0	-	-
77	13.3	Open Mosaic Habitat	0	0	0	-	-
77	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
78	14.1	<u>10k Availability</u>	Identified (within 500m)				
79	14.2	Artificial and made ground (10k)	0	0	0	0	-
80	14.3	Superficial geology (10k)	0	0	0	0	-

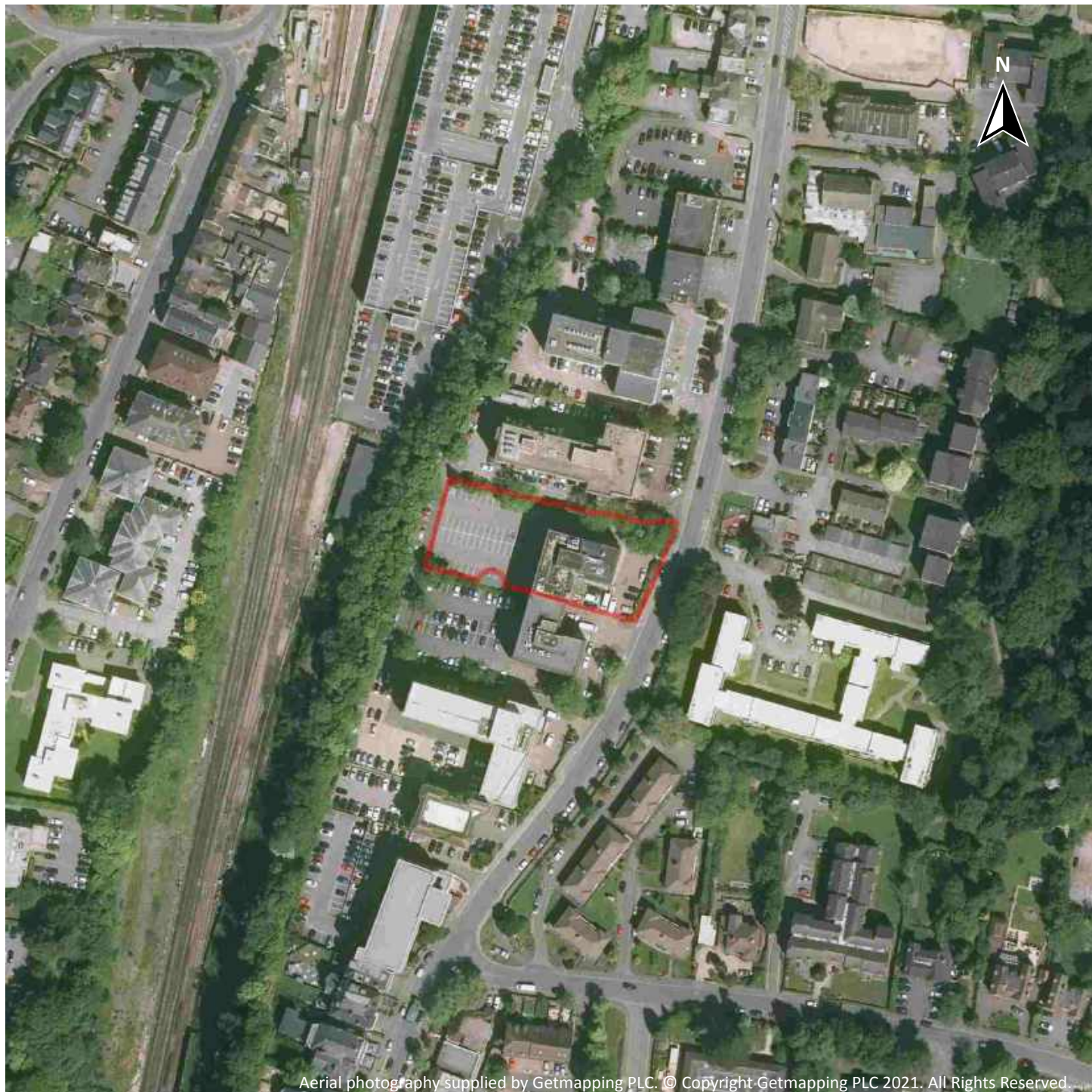
80	14.4	Landslip (10k)	0	0	0	0	-
81	14.5	Bedrock geology (10k)	0	0	0	0	-
81	14.6	Bedrock faults and other linear features (10k)	0	0	0	0	-
Page	Section	Geology 1:50,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
82	15.1	<u>50k Availability</u>	Identified (within 500m)				
83	15.2	<u>Artificial and made ground (50k)</u>	0	0	0	1	-
84	15.3	Artificial ground permeability (50k)	0	0	-	-	-
85	15.4	Superficial geology (50k)	0	0	0	0	-
85	15.5	Superficial permeability (50k)	None (within 50m)				
86	15.6	<u>Landslip (50k)</u>	0	0	1	0	-
86	15.7	Landslip permeability (50k)	None (within 50m)				
87	15.8	<u>Bedrock geology (50k)</u>	1	0	2	1	-
88	15.9	<u>Bedrock permeability (50k)</u>	Identified (within 50m)				
88	15.10	<u>Bedrock faults and other linear features (50k)</u>	0	0	1	1	-
Page	Section	Boreholes	On site	0-50m	50-250m	250-500m	500-2000m
89	16.1	BGS Boreholes	0	0	0	-	-
Page	Section	Natural ground subsidence					
90	17.1	<u>Shrink swell clays</u>	Negligible (within 50m)				
91	17.2	<u>Running sands</u>	Negligible (within 50m)				
92	17.3	<u>Compressible deposits</u>	Negligible (within 50m)				
93	17.4	<u>Collapsible deposits</u>	Very low (within 50m)				
94	17.5	<u>Landslides</u>	Very low (within 50m)				
95	17.6	<u>Ground dissolution of soluble rocks</u>	Negligible (within 50m)				
Page	Section	Mining, ground workings and natural cavities	On site	0-50m	50-250m	250-500m	500-2000m
96	18.1	Natural cavities	0	0	0	0	-
97	18.2	BritPits	0	0	0	0	-
97	18.3	<u>Surface ground workings</u>	0	8	0	-	-
97	18.4	<u>Underground workings</u>	0	0	4	8	0
98	18.5	Historical Mineral Planning Areas	0	0	0	0	-



98	18.6	<u>Non-coal mining</u>	0	0	0	1	1
99	18.7	Mining cavities	0	0	0	0	0
99	18.8	JPB mining areas	None (within 0m)				
99	18.9	Coal mining	None (within 0m)				
99	18.10	Brine areas	None (within 0m)				
100	18.11	Gypsum areas	None (within 0m)				
100	18.12	Tin mining	None (within 0m)				
100	18.13	Clay mining	None (within 0m)				
Page	Section	Radon					
101	19.1	<u>Radon</u>	Less than 1% (within 0m)				
Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m
102	20.1	<u>BGS Estimated Background Soil Chemistry</u>	1	2	-	-	-
102	20.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
102	20.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects	On site	0-50m	50-250m	250-500m	500-2000m
103	21.1	Underground railways (London)	0	0	0	-	-
103	21.2	Underground railways (Non-London)	0	0	0	-	-
104	21.3	Railway tunnels	0	0	0	-	-
104	21.4	<u>Historical railway and tunnel features</u>	0	22	14	-	-
105	21.5	Royal Mail tunnels	0	0	0	-	-
106	21.6	Historical railways	0	0	0	-	-
106	21.7	<u>Railways</u>	0	1	23	-	-
107	21.8	Crossrail 1	0	0	0	0	-
107	21.9	Crossrail 2	0	0	0	0	-
107	21.10	HS2	0	0	0	0	-



Recent aerial photograph



Capture Date: 14/05/2018

Site Area: 0.27ha



Recent site history - 2015 aerial photograph



Capture Date: 30/06/2015

Site Area: 0.27ha



Recent site history - 2012 aerial photograph



Capture Date: 13/09/2012

Site Area: 0.27ha



Recent site history - 2005 aerial photograph



Capture Date: 17/04/2005

Site Area: 0.27ha



Recent site history - 1999 aerial photograph



Capture Date: 04/09/1999

Site Area: 0.27ha



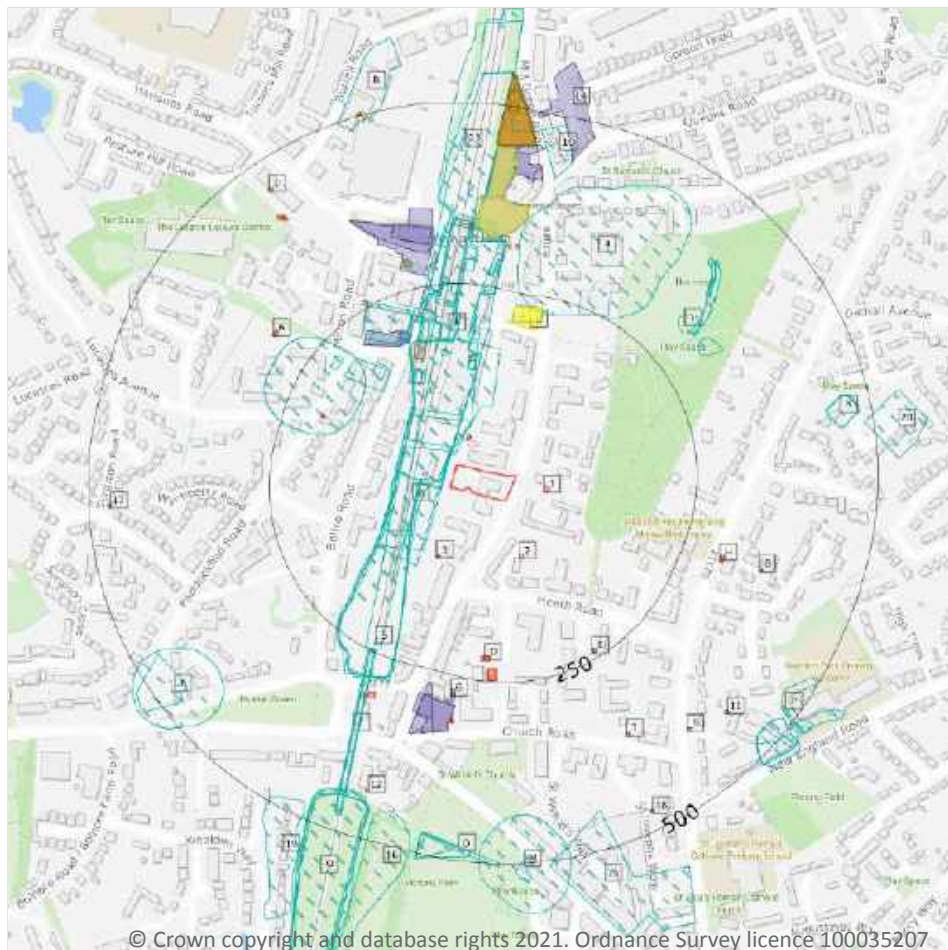
OS MasterMap site plan



Site Area: 0.27ha



1 Past land use



- Site Outline
- Search buffers in metres (m)
- Historical industrial land uses
- Historical tanks
- Historical energy features
- Historical petrol stations
- Historical garages

1.1 Historical industrial land uses

Records within 500m

89

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

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

ID	Location	Land use	Dates present	Group ID
A	12m W	Railway Sidings	1990	2246979



ID	Location	Land use	Dates present	Group ID
A	12m W	Cuttings	1874	2259876
B	12m W	Railway Sidings	1874 - 1896	2249186
A	14m W	Cuttings	1912	2186735
B	14m W	Railway Sidings	1912	2268179
B	14m W	Railway Sidings	1938	2260955
B	15m N	Railway Sidings	1963 - 1967	2262938
A	16m NW	Cuttings	1963 - 1990	2212041
B	16m NW	Railway Sidings	1976	2197161
A	37m W	Railway Building	1912	2150630
A	41m W	Cuttings	1896	2209702
A	41m W	Cuttings	1938	2228301
B	105m N	Railway Building	1912	2150629
B	122m NW	Railway Building	1967 - 1990	2204054
B	123m NW	Railway Building	1963	2204479
B	132m N	Railway Building	1896	2254613
B	133m N	Railway Building	1938	2278909
B	133m N	Railway Building	1912	2292850
B	143m NW	Police Station	1976 - 1990	2220756
B	148m N	Railway Buildings	1874	2163796
B	152m N	Railway Building	1874	2150625
B	156m NW	Police Station	1967	2207600
B	157m NW	Police Station	1896	2171088
B	157m NW	Police Station	1938	2226495
B	169m N	Railway Station	1912	2187713
B	169m N	Railway Station	1896	2206567
B	171m N	Railway Station	1874	2257940
B	172m N	Railway Station	1938	2218282
B	173m N	Railway Building	1896	2150627



ID	Location	Land use	Dates present	Group ID
B	175m N	Railway Building	1938 - 1963	2287545
B	186m NW	Telecomm Exchange	1976	2164998
B	188m NW	Telephone Exchange	1990	2157932
B	211m NW	Police Station	1912	2188523
B	218m N	Railway Station	1963 - 1976	2258713
B	222m N	Railway Station	1990	2293890
4	228m N	Bus Station	1976	2167081
5	230m SW	Railway Building	1912	2150628
B	242m N	Railway Building	1912	2150622
F	246m SW	Tunnel	1912	2269123
F	249m SW	Tunnel	1963 - 1990	2263959
F	251m SW	Tunnel	1896	2242876
F	251m SW	Tunnel	1938	2271479
B	264m N	Railway Building	1874	2226425
B	265m N	Railway Building	1896	2278632
B	268m N	Railway Building	1963	2150626
B	279m N	Unspecified Tank	1896	2153746
B	280m N	Railway Building	1912	2208920
B	299m N	Railway Building	1896	2150624
I	304m NE	Sand Pit	1874	2131504
I	306m NE	Sand Pit	1874	2131501
I	313m NE	Unspecified Ground Workings	1976	2219611
I	313m NE	Unspecified Ground Workings	1990	2234757
I	363m NE	Unspecified Ground Workings	1967	2233202
I	363m NE	Unspecified Ground Workings	1963	2255657
J	368m N	Gas Works	1912	2252235
J	371m N	Railway Building	1896	2150623
K	407m SW	Smithy	1896	2167156



ID	Location	Land use	Dates present	Group ID
10	413m N	Brewery	1874	2152489
13	432m N	Railway Building	1912 - 1938	2243429
M	433m S	Fire Engine Station	1938	2140082
N	437m E	Unspecified Ground Workings	1938	2223721
N	437m E	Unspecified Ground Workings	1912	2251200
O	439m S	Cuttings	1963 - 1990	2274506
O	440m S	Cuttings	1912	2257317
J	441m N	Gas Works	1874 - 1896	2240976
O	443m S	Cuttings	1874	2251389
15	446m S	Brick Field	1874	2146834
J	447m N	Gas Works	1938	2175753
O	450m S	Cuttings	1896	2251838
O	450m S	Cuttings	1938	2294951
16	452m S	Unspecified Heap	1990	2135893
K	455m SW	Nursery	1912	2161156
P	464m SE	Unspecified Ground Workings	1990	2212219
J	469m N	Fire Station	1990	2128141
J	469m N	Unspecified Station	1967 - 1976	2268838
Q	469m S	Unspecified Ground Workings	1963 - 1967	2217472
Q	471m S	Unspecified Pit	1938	2238385
Q	473m S	Unspecified Pit	1912	2173401
P	474m SE	Unspecified Pit	1938	2123995
P	474m SE	Sand Pit	1938	2131502
P	475m SE	Gravel Pit	1912	2138755
P	475m SE	Unspecified Ground Workings	1963 - 1976	2251322
19	479m SW	Unspecified Heap	1874 - 1896	2219626
R	482m N	Unspecified Factory	1967 - 1976	2265011
P	483m SE	Sand Pits	1896	2142717



ID	Location	Land use	Dates present	Group ID
J	487m N	Gasometer	1874	2139772
20	488m E	Unspecified Pit	1896	2123994
M	491m S	Fire Station	1963 - 1967	2193486
J	496m N	Unspecified Tank	1896	2153741

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m	17
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Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

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

ID	Location	Land use	Dates present	Group ID
B	149m N	Unspecified Tank	1897 - 1910	388559
B	273m NW	Unspecified Tank	1910	360570
G	273m S	Unspecified Tank	1985	360571
B	282m N	Unspecified Tank	1897 - 1910	402003
B	306m N	Unspecified Tank	1955 - 1960	410158
8	361m E	Unspecified Tank	1874	360566
J	416m N	Unspecified Tank	1975 - 1981	410147
11	419m SE	Unspecified Tank	1910	360565
12	431m S	Unspecified Tank	1897 - 1910	400583
J	444m N	Gas Works	1955	386803
J	445m N	Gas Works	1874 - 1910	399811
L	456m NW	Unspecified Tank	1973	360577
R	489m N	Unspecified Tank	1989	360578
J	491m N	Gasometer	1874	373816



ID	Location	Land use	Dates present	Group ID
R	493m N	Unspecified Tank	1967 - 1976	389371
J	495m N	Gasometers	1897	374488
R	499m N	Unspecified Tank	1973	360580

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

35

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

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

ID	Location	Land use	Dates present	Group ID
B	36m N	Electricity Substation	1976 - 1994	286556
1	43m E	Electricity Substation	1976 - 1994	287428
2	76m S	Electricity Substation	1976 - 1994	257245
3	94m S	Electricity Substation	1994	241943
A	94m SW	Electricity Substation	1990	241944
B	151m N	Electricity Substation	1955 - 1990	284593
B	193m W	Electricity Substation	1990	254055
B	195m W	Electricity Substation	1976	254367
D	215m S	Electricity Substation	1955	278340
D	215m S	Electricity Substation	1976 - 1994	292166
D	231m S	Electricity Substation	1984 - 1994	257154
D	232m S	Electricity Substations	1976	250013
E	236m SE	Electricity Substation	1984 - 1994	286813
E	237m SE	Electricity Substation	1976	271269
B	253m NW	Electricity Substation	1976 - 1989	271415



ID	Location	Land use	Dates present	Group ID
F	301m S	Electricity Substation	1987	241939
H	303m E	Electricity Substation	1984 - 1994	258339
H	304m E	Electricity Substation	1976	261243
6	306m NW	Electricity Substation	1976 - 1990	282430
F	307m S	Electricity Substation	1968 - 1985	278578
G	308m S	Electricity Substation	1976 - 1994	270055
B	309m N	Electricity Substation	1955 - 1990	278768
G	311m S	Electricity Substation	1954	265070
7	361m SE	Electricity Substation	1994	241942
9	402m SE	Electricity Substation	1968 - 1994	288160
L	412m NW	Electricity Substation	1976	252322
L	412m NW	Electricity Substation	1989	255789
L	417m NW	Electricity Substation	1973	256330
J	443m N	Electricity Substation	1975 - 1990	276511
J	444m N	Gas Works	1955	284380
J	445m N	Gas Works	1874 - 1910	280847
17	468m W	Electricity Substation	1976 - 1990	291176
18	470m SE	Electricity Substation	1985 - 1994	291831
J	491m N	Gasometer	1874	251298
J	495m N	Gasometers	1897	251923

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m

4

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

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



ID	Location	Land use	Dates present	Group ID
C	202m N	Filling Station	1976 - 1984	4398
C	211m N	Filling Station	1975	4306
C	213m N	Filling Station	1981	4317
J	319m N	Station Garage	1955	4250

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m

20

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

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

ID	Location	Land use	Dates present	Group ID
B	181m N	Garage	1960 - 1990	82464
B	182m NW	Garage	1955	74431
B	184m N	Garage	1976	79030
B	265m N	Garage	1955 - 1976	85660
G	268m S	Garage	1976	79957
G	269m S	Garage	1954	80055
G	284m S	Garage	1985	79735
G	285m S	Garage	1976	76004
G	286m S	Garage	1960 - 1968	83985
G	286m S	Garage	1969	85288
G	287m S	Garage	1954	84927
B	294m N	Garage	1960	79285
B	306m N	Garage	1989	75709
B	306m N	Garage	1967 - 1973	81282



ID	Location	Land use	Dates present	Group ID
J	319m N	Station Garage	1955	74031
J	320m N	Garage	1960	77515
J	369m N	Garage	1990	85177
J	370m N	Garage	1981	75663
J	370m N	Garage	1975	75063
14	442m N	Garage	1955 - 1960	83371

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m

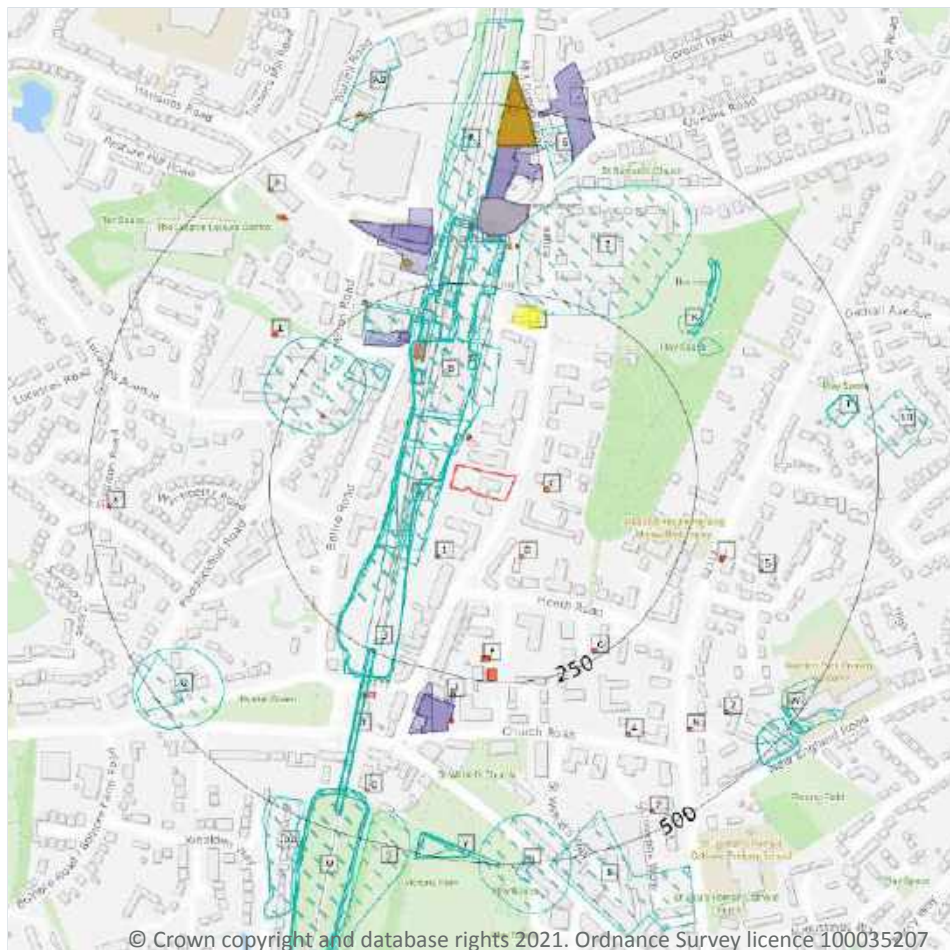
0

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

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



2 Past land use - un-grouped



- Site Outline
- Search buffers in metres (m)
- Historical industrial land uses
- Historical tanks
- Historical energy features
- Historical petrol stations
- Historical garages

2.1 Historical industrial land uses

Records within 500m

117

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 23**

ID	Location	Land Use	Date	Group ID
A	12m W	Railway Sidings	1990	2246979
A	12m W	Cuttings	1874	2259876
B	12m W	Railway Sidings	1874	2249186



ID	Location	Land Use	Date	Group ID
B	12m W	Railway Sidings	1896	2249186
A	14m W	Cuttings	1912	2186735
B	14m W	Railway Sidings	1912	2268179
B	14m W	Railway Sidings	1938	2260955
B	15m N	Railway Sidings	1963	2262938
B	15m N	Railway Sidings	1967	2262938
A	16m NW	Cuttings	1990	2212041
A	16m NW	Cuttings	1976	2212041
A	16m NW	Cuttings	1963	2212041
A	16m NW	Cuttings	1967	2212041
B	16m NW	Railway Sidings	1976	2197161
A	37m W	Railway Building	1912	2150630
A	41m W	Cuttings	1938	2228301
A	41m W	Cuttings	1896	2209702
B	105m N	Railway Building	1912	2150629
B	122m NW	Railway Building	1990	2204054
B	122m NW	Railway Building	1976	2204054
B	122m NW	Railway Building	1967	2204054
B	123m NW	Railway Building	1963	2204479
B	132m N	Railway Building	1896	2254613
B	133m N	Railway Building	1938	2278909
B	133m N	Railway Building	1912	2292850
B	143m NW	Police Station	1990	2220756
B	143m NW	Police Station	1976	2220756
B	148m N	Railway Buildings	1874	2163796
B	152m N	Railway Building	1874	2150625
B	156m NW	Police Station	1967	2207600
B	157m NW	Police Station	1938	2226495

ID	Location	Land Use	Date	Group ID
B	157m NW	Police Station	1896	2171088
B	169m N	Railway Station	1912	2187713
B	169m N	Railway Station	1896	2206567
B	171m N	Railway Station	1874	2257940
B	172m N	Railway Station	1938	2218282
B	173m N	Railway Building	1896	2150627
B	175m N	Railway Building	1963	2287545
B	178m N	Railway Building	1938	2287545
B	186m NW	Telecomm Exchange	1976	2164998
B	188m NW	Telephone Exchange	1990	2157932
B	211m NW	Police Station	1912	2188523
B	218m N	Railway Station	1976	2258713
B	218m N	Railway Station	1963	2258713
B	218m N	Railway Station	1967	2258713
B	222m N	Railway Station	1990	2293890
2	228m N	Bus Station	1976	2167081
3	230m SW	Railway Building	1912	2150628
B	242m N	Railway Building	1912	2150622
H	246m SW	Tunnel	1912	2269123
H	249m SW	Tunnel	1990	2263959
H	249m SW	Tunnel	1976	2263959
H	249m SW	Tunnel	1963	2263959
H	249m SW	Tunnel	1967	2263959
H	251m SW	Tunnel	1938	2271479
H	251m SW	Tunnel	1896	2242876
B	264m N	Railway Building	1874	2226425
B	265m N	Railway Building	1896	2278632
B	268m N	Railway Building	1963	2150626



ID	Location	Land Use	Date	Group ID
B	279m N	Unspecified Tank	1896	2153746
B	280m N	Railway Building	1912	2208920
B	299m N	Railway Building	1896	2150624
K	304m NE	Sand Pit	1874	2131504
K	306m NE	Sand Pit	1874	2131501
K	313m NE	Unspecified Ground Workings	1990	2234757
K	313m NE	Unspecified Ground Workings	1976	2219611
K	363m NE	Unspecified Ground Workings	1963	2255657
K	363m NE	Unspecified Ground Workings	1967	2233202
M	368m N	Gas Works	1912	2252235
M	371m N	Railway Building	1896	2150623
O	407m SW	Smithy	1896	2167156
6	413m N	Brewery	1874	2152489
R	432m N	Railway Building	1938	2243429
R	433m N	Railway Building	1912	2243429
S	433m S	Fire Engine Station	1938	2140082
T	437m E	Unspecified Ground Workings	1938	2223721
T	437m E	Unspecified Ground Workings	1912	2251200
T	437m E	Unspecified Ground Workings	1912	2251200
U	439m S	Cuttings	1990	2274506
U	439m S	Cuttings	1976	2274506
U	439m S	Cuttings	1963	2274506
U	439m S	Cuttings	1967	2274506
U	440m S	Cuttings	1912	2257317
M	441m N	Gas Works	1874	2240976
U	443m S	Cuttings	1874	2251389
8	446m S	Brick Field	1874	2146834
M	447m N	Gas Works	1938	2175753



ID	Location	Land Use	Date	Group ID
M	447m N	Gas Works	1896	2240976
U	450m S	Cuttings	1938	2294951
U	450m S	Cuttings	1896	2251838
9	452m S	Unspecified Heap	1990	2135893
O	455m SW	Nursery	1912	2161156
W	464m SE	Unspecified Ground Workings	1990	2212219
M	469m N	Fire Station	1990	2128141
M	469m N	Unspecified Station	1976	2268838
M	469m N	Unspecified Station	1967	2268838
Y	469m S	Unspecified Ground Workings	1963	2217472
Y	469m S	Unspecified Ground Workings	1967	2217472
Y	471m S	Unspecified Pit	1938	2238385
Y	473m S	Unspecified Pit	1912	2173401
Y	473m S	Unspecified Pit	1912	2173401
W	474m SE	Unspecified Pit	1938	2123995
W	474m SE	Sand Pit	1938	2131502
W	475m SE	Gravel Pit	1912	2138755
W	475m SE	Unspecified Ground Workings	1976	2251322
W	475m SE	Unspecified Ground Workings	1963	2251322
W	475m SE	Unspecified Ground Workings	1967	2251322
AA	479m SW	Unspecified Heap	1874	2219626
AA	482m SW	Unspecified Heap	1896	2219626
AB	482m N	Unspecified Factory	1976	2265011
AB	482m N	Unspecified Factory	1967	2265011
W	483m SE	Sand Pits	1896	2142717
M	487m N	Gasometer	1874	2139772
10	488m E	Unspecified Pit	1896	2123994
S	491m S	Fire Station	1963	2193486



ID	Location	Land Use	Date	Group ID
S	491m S	Fire Station	1967	2193486
M	496m N	Unspecified Tank	1896	2153741

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

25

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

Features are displayed on the Past land use - un-grouped map on **page 23**

ID	Location	Land Use	Date	Group ID
B	149m N	Unspecified Tank	1897	388559
B	149m N	Unspecified Tank	1910	388559
B	273m NW	Unspecified Tank	1910	360570
I	273m S	Unspecified Tank	1985	360571
B	282m N	Unspecified Tank	1897	402003
B	282m N	Unspecified Tank	1910	402003
B	306m N	Unspecified Tank	1960	410158
B	306m N	Unspecified Tank	1955	410158
5	361m E	Unspecified Tank	1874	360566
M	416m N	Unspecified Tank	1981	410147
M	417m N	Unspecified Tank	1975	410147
7	419m SE	Unspecified Tank	1910	360565
Q	431m S	Unspecified Tank	1897	400583
Q	431m S	Unspecified Tank	1910	400583
M	444m N	Gas Works	1955	386803
M	445m N	Gas Works	1874	399811
M	445m N	Gas Works	1897	399811
M	445m N	Gas Works	1910	399811



ID	Location	Land Use	Date	Group ID
P	456m NW	Unspecified Tank	1973	360577
AB	489m N	Unspecified Tank	1989	360578
M	491m N	Gasometer	1874	373816
AB	493m N	Unspecified Tank	1976	389371
AB	494m N	Unspecified Tank	1967	389371
M	495m N	Gasometers	1897	374488
AB	499m N	Unspecified Tank	1973	360580

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

66

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

Features are displayed on the Past land use - un-grouped map on **page 23**

ID	Location	Land Use	Date	Group ID
B	36m N	Electricity Substation	1984	286556
B	36m N	Electricity Substation	1994	286556
B	37m N	Electricity Substation	1976	286556
C	43m E	Electricity Substation	1984	287428
C	44m E	Electricity Substation	1994	287428
C	44m E	Electricity Substation	1976	287428
D	76m S	Electricity Substation	1984	257245
D	77m S	Electricity Substation	1976	257245
D	77m S	Electricity Substation	1994	257245
1	94m S	Electricity Substation	1994	241943
A	94m SW	Electricity Substation	1990	241944
B	151m N	Electricity Substation	1990	284593
B	155m N	Electricity Substation	1955	284593



ID	Location	Land Use	Date	Group ID
B	193m W	Electricity Substation	1990	254055
B	195m W	Electricity Substation	1976	254367
F	215m S	Electricity Substation	1955	278340
F	215m S	Electricity Substation	1976	292166
F	216m S	Electricity Substation	1984	292166
F	216m S	Electricity Substation	1994	292166
F	231m S	Electricity Substation	1984	257154
F	232m S	Electricity Substations	1976	250013
F	232m S	Electricity Substation	1994	257154
G	236m SE	Electricity Substation	1984	286813
G	237m SE	Electricity Substation	1976	271269
G	237m SE	Electricity Substation	1994	286813
B	253m NW	Electricity Substation	1976	271415
B	254m NW	Electricity Substation	1989	271415
H	301m S	Electricity Substation	1987	241939
J	303m E	Electricity Substation	1984	258339
J	304m E	Electricity Substation	1994	258339
J	304m E	Electricity Substation	1976	261243
L	306m NW	Electricity Substation	1990	282430
L	306m NW	Electricity Substation	1976	282430
H	307m S	Electricity Substation	1968	278578
H	307m S	Electricity Substation	1969	278578
H	307m S	Electricity Substation	1976	278578
H	307m S	Electricity Substation	1985	278578
I	308m S	Electricity Substation	1994	270055
I	309m S	Electricity Substation	1985	270055
I	309m S	Electricity Substation	1976	270055
B	309m N	Electricity Substation	1981	278768



ID	Location	Land Use	Date	Group ID
B	309m N	Electricity Substation	1990	278768
B	309m N	Electricity Substation	1975	278768
B	310m N	Electricity Substation	1955	278768
I	311m S	Electricity Substation	1954	265070
4	361m SE	Electricity Substation	1994	241942
N	402m SE	Electricity Substation	1985	288160
N	402m SE	Electricity Substation	1976	288160
N	402m SE	Electricity Substation	1994	288160
N	403m SE	Electricity Substation	1968	288160
P	412m NW	Electricity Substation	1976	252322
P	412m NW	Electricity Substation	1989	255789
P	417m NW	Electricity Substation	1973	256330
M	443m N	Electricity Substation	1975	276511
M	443m N	Electricity Substation	1981	276511
M	443m N	Electricity Substation	1990	276511
M	444m N	Gas Works	1955	284380
M	445m N	Gas Works	1874	280847
M	445m N	Gas Works	1897	280847
M	445m N	Gas Works	1910	280847
X	468m W	Electricity Substation	1990	291176
X	468m W	Electricity Substation	1976	291176
Z	470m SE	Electricity Substation	1985	291831
Z	470m SE	Electricity Substation	1994	291831
M	491m N	Gasometer	1874	251298
M	495m N	Gasometers	1897	251923

This data is sourced from Ordnance Survey / Groundsure.



2.4 Historical petrol stations

Records within 500m

5

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

Features are displayed on the Past land use - un-grouped map on **page 23**

ID	Location	Land Use	Date	Group ID
E	202m N	Filling Station	1976	4398
E	202m N	Filling Station	1984	4398
E	211m N	Filling Station	1975	4306
E	213m N	Filling Station	1981	4317
M	319m N	Station Garage	1955	4250

This data is sourced from Ordnance Survey / Groundsure.

2.5 Historical garages

Records within 500m

26

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

Features are displayed on the Past land use - un-grouped map on **page 23**

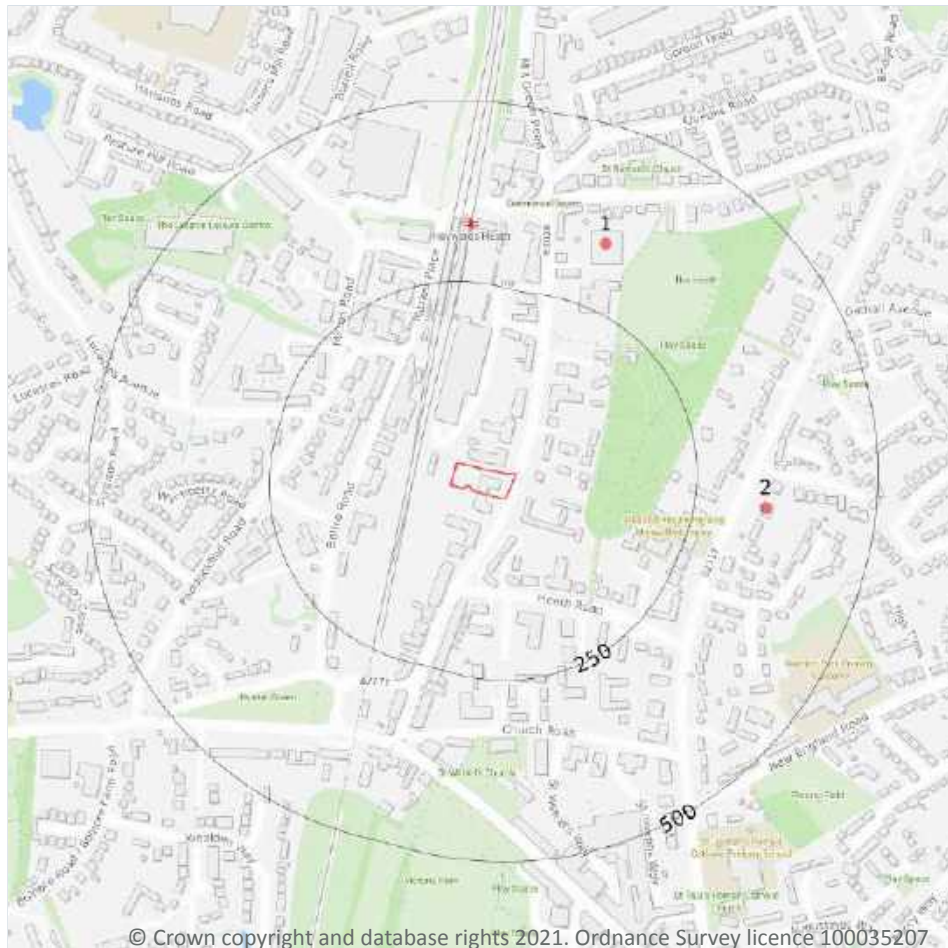
ID	Location	Land Use	Date	Group ID
B	181m N	Garage	1990	82464
B	182m NW	Garage	1955	74431
B	183m N	Garage	1960	82464
B	184m N	Garage	1976	79030
B	265m N	Garage	1955	85660
I	268m S	Garage	1976	79957
I	269m S	Garage	1954	80055
I	284m S	Garage	1985	79735
I	285m S	Garage	1976	76004



ID	Location	Land Use	Date	Group ID
I	286m S	Garage	1960	83985
I	286m S	Garage	1969	85288
I	286m S	Garage	1968	83985
I	287m S	Garage	1954	84927
B	293m N	Garage	1976	85660
B	294m N	Garage	1960	79285
B	306m N	Garage	1989	75709
B	306m N	Garage	1967	81282
B	309m N	Garage	1973	81282
M	319m N	Station Garage	1955	74031
M	320m N	Garage	1960	77515
M	369m N	Garage	1990	85177
M	369m N	Garage	1990	85177
M	370m N	Garage	1981	75663
M	370m N	Garage	1975	75063
V	442m N	Garage	1960	83371
V	442m N	Garage	1955	83371

This data is sourced from Ordnance Survey / Groundsure.

3 Waste and landfill



- Site Outline
- Search buffers in metres (m)
- Waste exemptions

3.1 Active or recent landfill

Records within 500m

0

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

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

3.2 Historical landfill (BGS records)

Records within 500m

0

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

This data is sourced from the British Geological Survey.



3.3 Historical landfill (LA/mapping records)

Records within 500m

0

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

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

3.4 Historical landfill (EA/NRW records)

Records within 500m

0

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

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

3.5 Historical waste sites

Records within 500m

0

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

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

3.6 Licensed waste sites

Records within 500m

0

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

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

3.7 Waste exemptions

Records within 500m

2

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

Features are displayed on the Waste and landfill map on **page 34**

ID	Location	Site	Reference	Category	Sub-Category	Description
1	340m N	-	WEX251501	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal

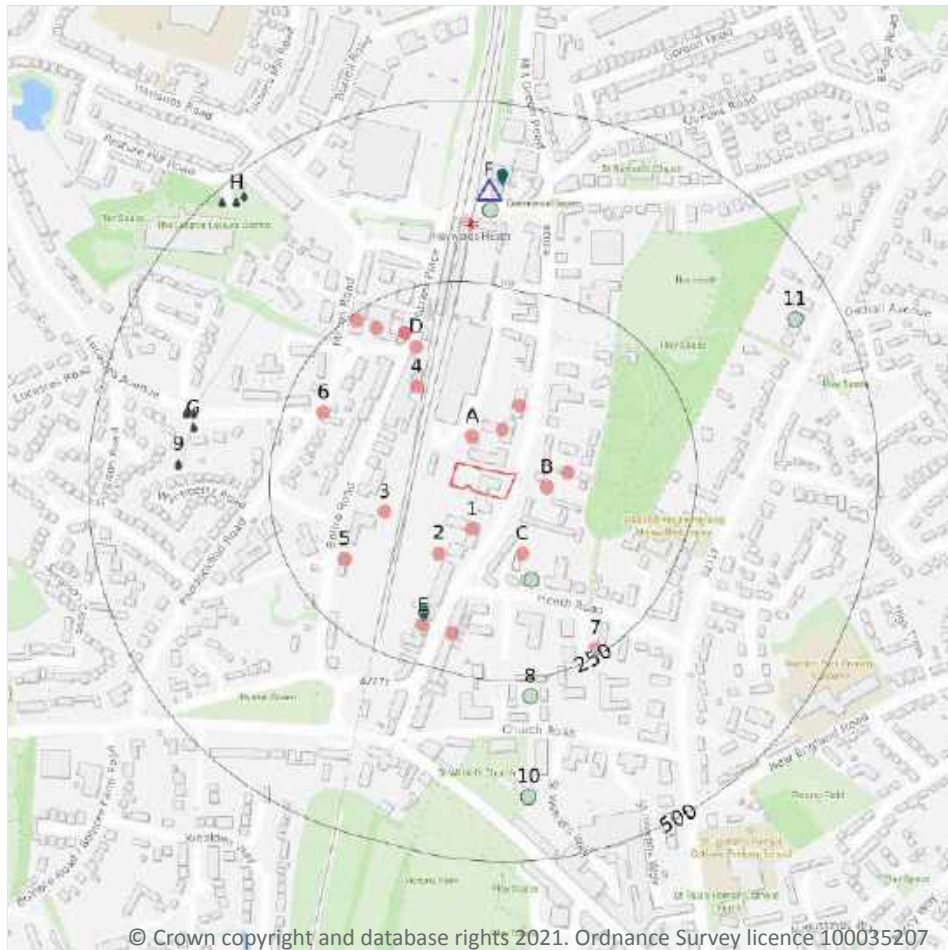


ID	Location	Site	Reference	Category	Sub-Category	Description
2	348m E	30, OATHALL ROAD, HAYWARDS HEATH, RH16 3EQ	WEX206014	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal

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
- ▲ Current or recent petrol stations
- Licensed pollutant release (Part A(2)/B)
- Licensed Discharges to controlled waters
- Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m

20

Current potentially contaminative industrial sites.

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

ID	Location	Company	Address	Activity	Category
A	41m N	Electricity Sub Station	West Sussex, RH16	Electrical Features	Infrastructure and Facilities
B	46m E	Electricity Sub Station	West Sussex, RH16	Electrical Features	Infrastructure and Facilities
1	52m S	New Scientist	Rockwood House, 9-17 Perrymount Road, Haywards Heath, West Sussex, RH16 3DH	Published Goods	Industrial Products



ID	Location	Company	Address	Activity	Category
A	59m N	West Cumbria Mining Ltd	Oakfield House, 35 Perrymount Road, Haywards Heath, West Sussex, RH16 3BW	Coal Mining	Extractive Industries
B	72m E	Vinehurst Consultants Ltd	4, Newton Court, Haywards Heath, West Sussex, RH16 3BL	Civil Engineers	Engineering Services
C	79m S	Electricity Sub Station	West Sussex, RH16	Electrical Features	Infrastructure and Facilities
A	95m N	Mouchel Group Plc	37-39, Perrymount Road, Haywards Heath, West Sussex, RH16 3BN	Civil Engineers	Engineering Services
2	95m S	Electricity Sub Station	West Sussex, RH16	Electrical Features	Infrastructure and Facilities
3	98m W	Electricity Sub Station	West Sussex, RH16	Electrical Features	Infrastructure and Facilities
4	119m NW	Electricity Sub Station	West Sussex, RH16	Electrical Features	Infrastructure and Facilities
D	170m N	Electricity Sub Station	West Sussex, RH16	Electrical Features	Infrastructure and Facilities
5	178m SW	Bloomsbury Professional	Maxwelton House 41, Boltro Road, Haywards Heath, West Sussex, RH16 1BJ	Published Goods	Industrial Products
D	193m N	Owen Garages Ltd	Market Place, Haywards Heath, West Sussex, RH16 1DB	Vehicle Repair, Testing and Servicing	Repair and Servicing
D	193m N	Caffyns	Market Garage, Market Place, Haywards Heath, West Sussex, RH16 1DB	New Vehicles	Motoring
E	196m S	Eurovanman	Unit 1, 53 The Broadway, Haywards Heath, West Sussex, RH16 3AS	Distribution and Haulage	Transport, Storage and Delivery
6	197m W	Electricity Sub Station	West Sussex, RH16	Electrical Features	Infrastructure and Facilities
E	197m S	The Cottage Bakery	44, The Broadway, Haywards Heath, West Sussex, RH16 3AL	Baking and Confectionery	Foodstuffs
D	217m NW	Telephone Exchange	West Sussex, RH16	Telecommunications Features	Infrastructure and Facilities
7	240m SE	Electricity Sub Station	West Sussex, RH16	Electrical Features	Infrastructure and Facilities
D	240m NW	C S L Behring	4, Milton Road, Haywards Heath, West Sussex, RH16 1AH	Medical Equipment, Supplies and Pharmaceuticals	Industrial Products



This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m

1

Open, closed, under development and obsolete petrol stations.

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

ID	Location	Company	Address	LPG	Status
F	379m N	TEXACO	Market Place, Haywards Heath, West Sussex, RH16 1DB	No	Open

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m

0

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m

0

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m

0

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

This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

Records within 500m

0

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

This data is sourced from the Health and Safety Executive.

4.7 Regulated explosive sites

Records within 500m

0

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

This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m

0

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

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m

0

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

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

4.10 Licensed industrial activities (Part A(1))

Records within 500m

0

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

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

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

Records within 500m

2

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

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

ID	Location	Address	Details	
E	181m S	Johnson Cleaners UK Ltd, 57 The Broadway, Haywards Heath, RH16 3AS	Process: Dry Cleaning Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
F	398m N	S&M Tyres Elite Garages, Market Place, Haywards Heath, West Sussex, RG16 1DB	Process: Unloading of Petrol into Storage at Service Stations Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified

This data is sourced from Local Authority records.

4.12 Radioactive Substance Authorisations

Records within 500m	0
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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	7
----------------------------	----------

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 37**

ID	Location	Address	Details	
G	363m W	SWIMMING POOL, REAR OF OAKBROOK CTGE, 5 LUCASTES AVENUE, HAYWARDS HEATH WEST SUSSEX	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: S02142 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 26/01/1973 Effective Date: 26/01/1973 Revocation Date: 11/11/1996
G	368m W	RESIDENTIAL DEVELOPMENT, SUMMERFIELD/HEATHERBANK, LUCASTES AVENUE & LUCASTES ROAD, HAYWARDS HEATH WEST SUSSEX	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: S01309 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 04/01/1963 Effective Date: 04/01/1963 Revocation Date: 01/07/1991

ID	Location	Address	Details	
9	376m W	PADDOCKHALL ROAD	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: S01600 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 02/06/1967 Effective Date: 02/06/1967 Revocation Date: 31/03/1997
G	378m W	PADDOCKHALL ROAD	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: S01272 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 03/01/1964 Effective Date: 03/01/1964 Revocation Date: 01/07/1991
H	470m NW	PASTURE HILL ROAD, HAYWARDS HEATH, WEST SUSSEX	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: N02125 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 13/06/1974 Effective Date: 13/06/1974 Revocation Date: 01/07/1991
H	471m NW	PASTURE HILL ROAD, HAYWARDS HEATH, WEST SUSSEX	Effluent Type: MISCELLANEOUS DISCHARGES - SWIMMING POOL WATER Permit Number: N02125 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 13/06/1974 Effective Date: 13/06/1974 Revocation Date: 01/07/1991
H	483m NW	PASTURE HILL ROAD, HAYWARDS HEATH, WEST SUSSEX	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: N02125 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 13/06/1974 Effective Date: 13/06/1974 Revocation Date: 01/07/1991

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

4.14 Pollutant release to surface waters (Red List)

Records within 500m

0

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

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



4.15 Pollutant release to public sewer

Records within 500m

0

Discharges of Special Category Effluents to the public sewer.

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

4.16 List 1 Dangerous Substances

Records within 500m

0

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

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

4.17 List 2 Dangerous Substances

Records within 500m

0

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

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

4.18 Pollution Incidents (EA/NRW)

Records within 500m

5

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

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

ID	Location	Details	
C	117m S	Incident Date: 08/08/2001 Incident Identification: 22927 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
8	274m S	Incident Date: 07/07/2003 Incident Identification: 171410 Pollutant: Contaminated Water Pollutant Description: Firefighting Run-Off	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)

ID	Location	Details	
F	351m N	Incident Date: 03/09/2002 Incident Identification: 105023 Pollutant: Oils and Fuel Pollutant Description: Diesel	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
10	411m S	Incident Date: 07/07/2003 Incident Identification: 171578 Pollutant: Oils and Fuel Pollutant Description: Petrol	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
11	440m NE	Incident Date: 18/07/2001 Incident Identification: 17423 Pollutant: Oils and Fuel Pollutant Description: Diesel	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)

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

4.19 Pollution inventory substances

Records within 500m

0

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

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

4.20 Pollution inventory waste transfers

Records within 500m

0

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

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

4.21 Pollution inventory radioactive waste

Records within 500m

0

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

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



5 Hydrogeology - Superficial aquifer

5.1 Superficial aquifer

Records within 500m

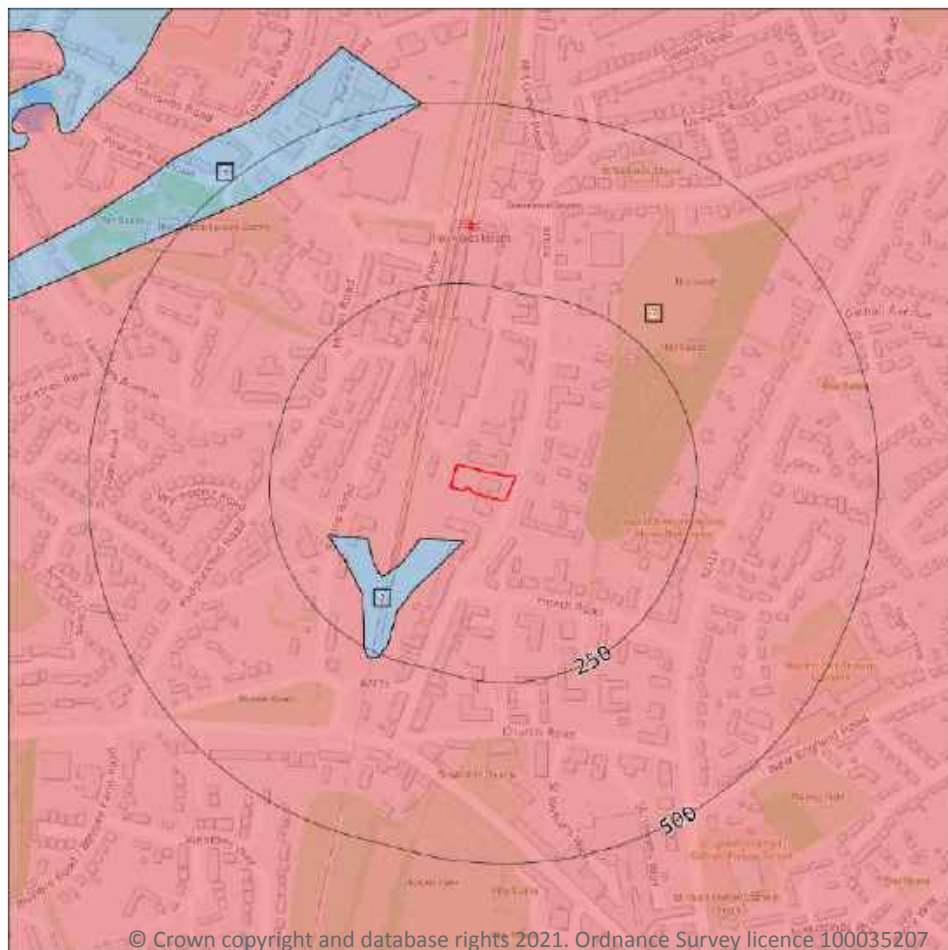
0

Aquifer status of groundwater held within superficial geology.

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



Bedrock aquifer



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

5.2 Bedrock aquifer

Records within 500m

3

Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on **page 46**

ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	68m S	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

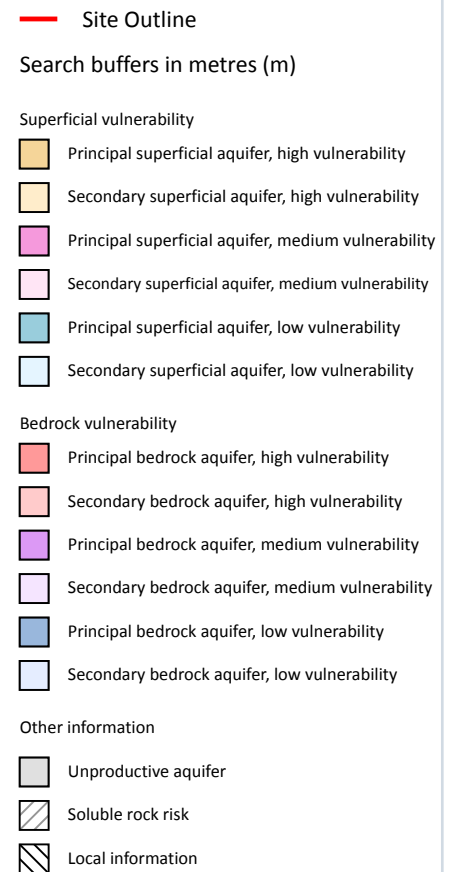
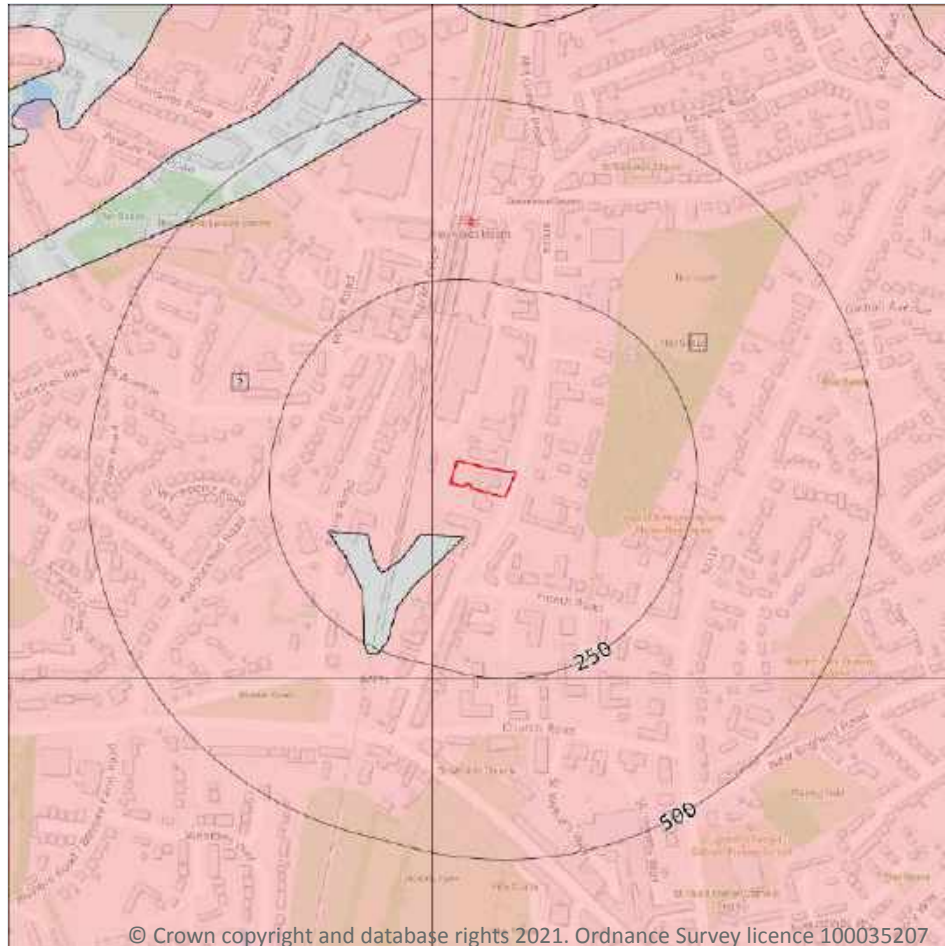


ID	Location	Designation	Description
3	459m NW	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

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 48**



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% Dilution value: 300-550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Mixed
2	25m W	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% Dilution value: 300-550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures

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

5.4 Groundwater vulnerability- soluble rock risk

Records on site

0

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

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

5.5 Groundwater vulnerability- local information

Records on site

0

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

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

Abstractions and Source Protection Zones



- Site Outline
- Search buffers in metres (m)
- Source Protection Zone 1
Inner catchment
- Source Protection Zone 2
Outer catchment
- Source Protection Zone 3
Total catchment
- Source Protection Zone 4
Zone of Special Interest
- Source Protection Zone 1c
Inner catchment - confined aquifer
- Source Protection Zone 2c
Outer catchment - confined aquifer
- Source Protection Zone 3c
Total catchment - confined aquifer
- Drinking water abstraction licences
Polygon features
- Drinking water abstraction licences
Linear features
- Groundwater abstraction licence (point)
- Groundwater abstraction licence (area)
- Groundwater abstraction licence (linear)
- Surface Water Abstractions (point)
- Surface Water Abstractions (area)
- Surface Water Abstractions (linear)

5.6 Groundwater abstractions

Records within 2000m

1

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 50**

ID	Location	Details	
-	1832m N	Status: Active Licence No: 21/110 Details: Spray Irrigation - Direct Direct Source: Southern Region Groundwater Point: HAYWARDS HEATH GOLF COURSE Data Type: Point Name: Haywards Heath Golf Club Easting: 533440 Northing: 126090	Annual Volume (m ³): 9,000 Max Daily Volume (m ³): 50 Original Application No: - Original Start Date: 07/04/1993 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2016 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m

1

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 50**

ID	Location	Details	
-	1942m N	Status: Historical Licence No: 10/41/282105 Details: General Farming & Domestic Direct Source: Southern Region Surface Waters Point: LAKE AT LULLINGS FARM, BORDE HILL Data Type: Point Name: Stephenson Clarke Easting: 532300 Northing: 126100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 22/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 29/04/1991 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.

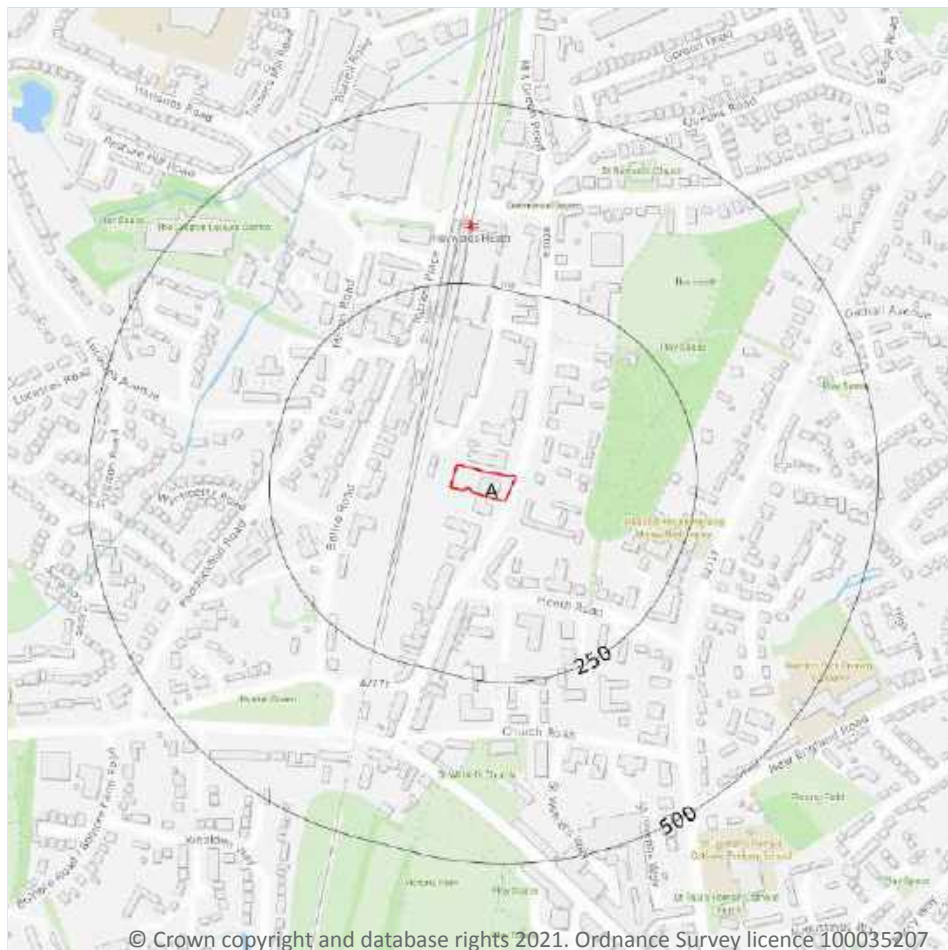
5.10 Source Protection Zones (confined aquifer)

Records within 500m	0
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Source Protection Zones in the confined aquifer define the sensitivity around a deep groundwater abstraction to contamination. A confined aquifer would normally be protected from contamination by overlying geology and is only considered a sensitive resource if deep excavation/drilling is taking place.

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

6 Hydrology



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

6.1 Water Network (OS MasterMap)

Records within 250m

0

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

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m

0

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



This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site

1

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

Features are displayed on the Hydrology map on **page 53**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
A	On site	River WB catchment	Scrase Bridge Stream at Haywards Heath	GB107041012680	Upper Ouse	Adur and Ouse

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

6.4 WFD Surface water bodies

Records identified

1

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

Features are displayed on the Hydrology map on **page 53**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
-	1061m NE	River	Scrase Bridge Stream at Haywards Heath	GB107041012680	Moderate	Good	Moderate	2016

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 53**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
A	On site	Adur & Ouse Hastings Beds	<u>GB40702G502000</u>	Good	Good	Good	2015

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 Sea (RoFRaS)

Records within 50m

0

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition; 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).

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

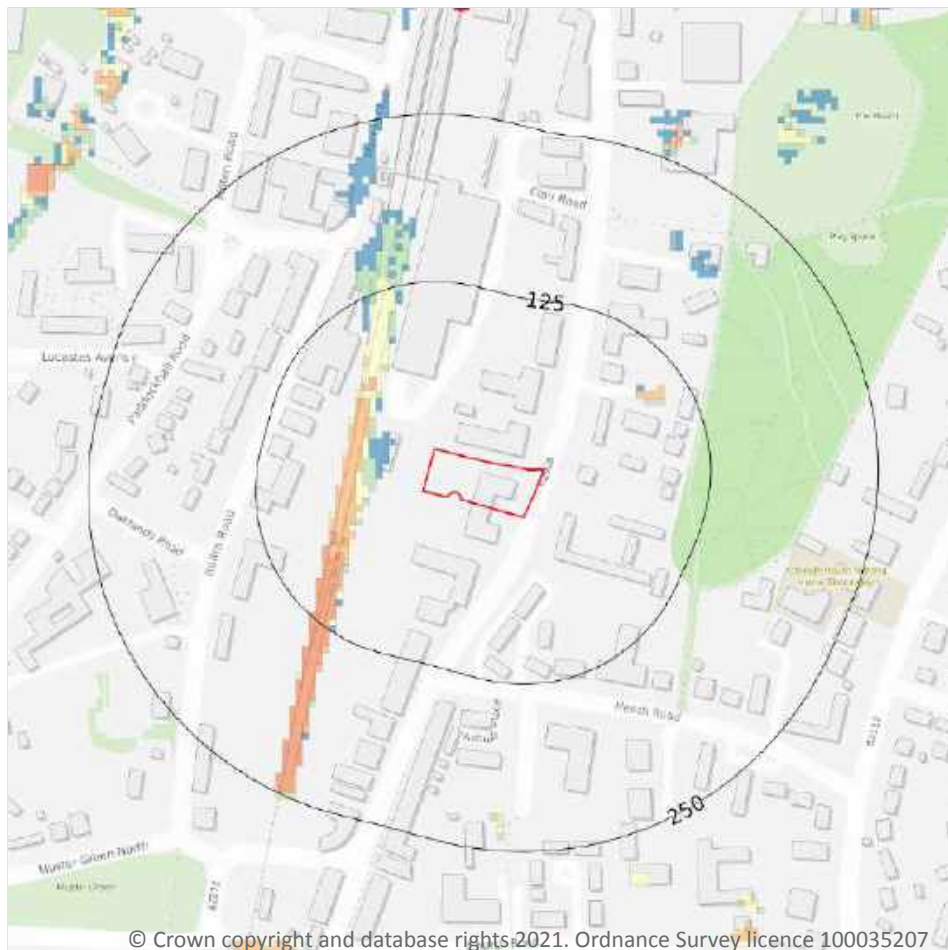
Records within 50m

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



— Site Outline

Search buffers in metres (m)

1 in 1000 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 250 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 100 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 30 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

8.1 Surface water flooding

Highest risk on site

Negligible

Highest risk within 50m

1 in 30 year, 0.1m - 0.3m

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

Features are displayed on the Surface water flooding map on **page 59**

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.

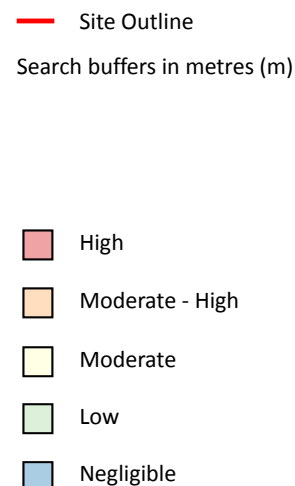
The table below shows the maximum flood depths for a range of return periods for the site.

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 Ambiantal Risk Analytics.



9 Groundwater flooding



9.1 Groundwater flooding

Highest risk on site

Moderate

Highest risk within 50m

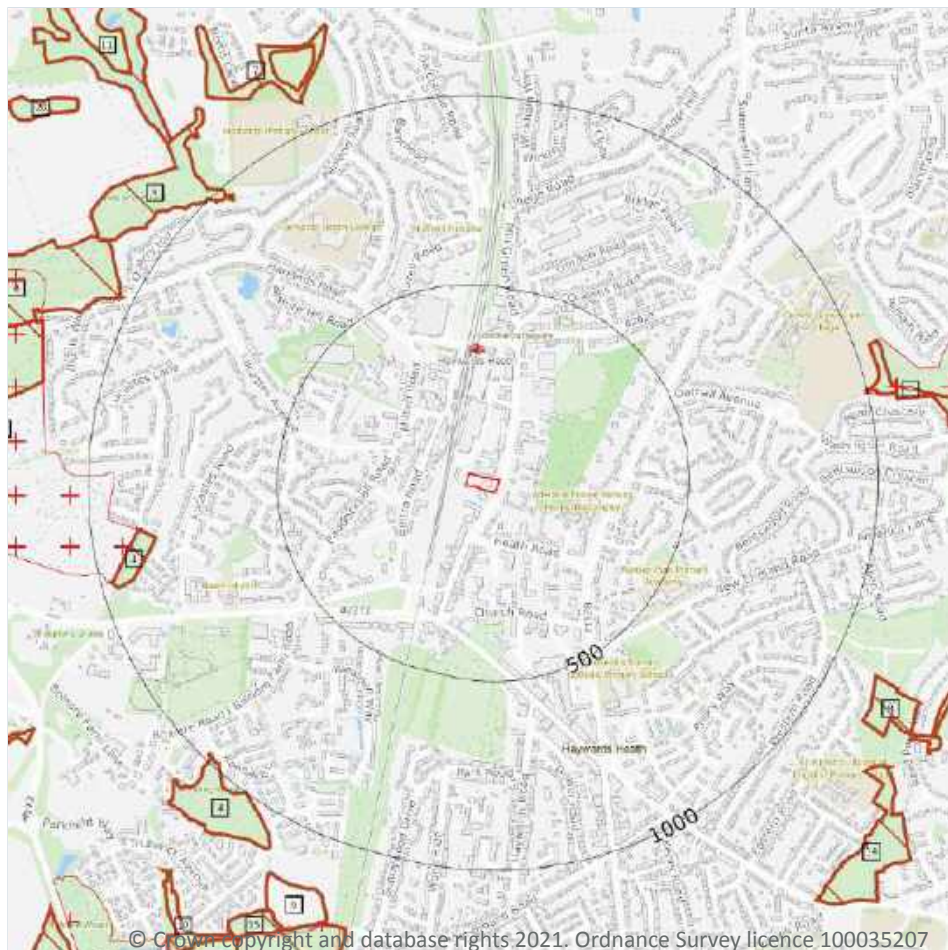
High

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 61**

This data is sourced from Ambiental Risk Analytics.

10 Environmental designations



- Site Outline
- Search buffers in metres (m)
- + Local Nature Reserves (LNR)
- ▨ Designated Ancient Woodland

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

0

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

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

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m**0**

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

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

10.3 Special Areas of Conservation (SAC)

Records within 2000m**0**

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

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

10.4 Special Protection Areas (SPA)

Records within 2000m**0**

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

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

10.5 National Nature Reserves (NNR)

Records within 2000m**0**

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

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

10.6 Local Nature Reserves (LNR)

Records within 2000m

4

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

Features are displayed on the Environmental designations map on **page 62**

ID	Location	Name	Data source
2	877m W	Blunts and Paiges Wood	Natural England
A	997m E	Scrase Valley	Natural England
13	1219m S	Ashenground and Bolnore Woods	Natural England
21	1434m SW	Ashenground and Bolnore Woods	Natural England

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

10.7 Designated Ancient Woodland

Records within 2000m

36

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

Features are displayed on the Environmental designations map on **page 62**

ID	Location	Name	Woodland Type
1	832m W	Butlersgreen Shaw	Ancient & Semi-Natural Woodland
3	955m NW	Penland Wood	Ancient & Semi-Natural Woodland
4	981m SW	Reading Wood	Ancient & Semi-Natural Woodland
5	998m E	Bacckwood Farm Wood_W	Ancient & Semi-Natural Woodland
6	1033m NW	Paiges Wood	Ancient & Semi-Natural Woodland
7	1076m NW	Penland Farm Shaw	Ancient & Semi-Natural Woodland
8	1119m SE	Franklands_N	Ancient & Semi-Natural Woodland
9	1141m S	Fouracre Wood	Ancient & Semi-Natural Woodland
10	1152m W	Blunts Wood	Ancient & Semi-Natural Woodland



ID	Location	Name	Woodland Type
11	1183m NW	Gravelly Wood	Ancient & Semi-Natural Woodland
12	1215m S	Catts Wood	Ancient Replanted Woodland
14	1228m SE	Franklands_S	Ancient & Semi-Natural Woodland
15	1240m SW	Fouracre Wood	Ancient Replanted Woodland
-	1241m E	Bacckwood Farm Wood_E	Ancient & Semi-Natural Woodland
16	1281m SE	Franklands Wood	Ancient & Semi-Natural Woodland
17	1286m SW	Fouracre Shaw	Ancient & Semi-Natural Woodland
18	1314m SW	Great Wood	Ancient & Semi-Natural Woodland
-	1362m SW	Chownes Shaw	Ancient & Semi-Natural Woodland
20	1416m NW	Gravelye Shaw	Ancient Replanted Woodland
-	1487m S	Anscombe Wood	Ancient Replanted Woodland
-	1494m N	Birchen Wood	Ancient & Semi-Natural Woodland
-	1540m S	Peirces Wood	Ancient Replanted Woodland
-	1563m N	Staves Copse	Ancient & Semi-Natural Woodland
-	1568m W	Horsgate Shaw	Ancient & Semi-Natural Woodland
27	1568m SW	Orchard Wood	Ancient Replanted Woodland
-	1638m NW	Hanlye Wood	Ancient & Semi-Natural Woodland
-	1642m SE	Lunatic Wood	Ancient & Semi-Natural Woodland
-	1643m S	Anscombe Wood	Ancient Replanted Woodland
-	1662m NW	Gravelye Farm Copse	Ancient & Semi-Natural Woodland
-	1687m N	Sugworth Wood	Ancient Replanted Woodland
-	1715m NW	Spring Copse	Ancient & Semi-Natural Woodland
-	1844m N	Flat Wood	Ancient & Semi-Natural Woodland
-	1845m SE	Greenhill Shaw	Ancient & Semi-Natural Woodland
-	1853m W	Lodge Farm Wood	Ancient & Semi-Natural Woodland
-	1865m SE	Hursthouse Lane Wood	Ancient & Semi-Natural Woodland
-	1930m SE	Asylum Wood	Ancient & Semi-Natural Woodland

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



10.8 Biosphere Reserves

Records within 2000m

0

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

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

10.9 Forest Parks

Records within 2000m

0

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

This data is sourced from the Forestry Commission.

10.10 Marine Conservation Zones

Records within 2000m

0

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

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

10.11 Green Belt

Records within 2000m

0

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

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

10.12 Proposed Ramsar sites

Records within 2000m

0

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

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m

0

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

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

10.14 Potential Special Protection Areas (pSPA)

Records within 2000m

0

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

This data is sourced from Natural England.

10.15 Nitrate Sensitive Areas

Records within 2000m

0

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

This data is sourced from Natural England.

10.16 Nitrate Vulnerable Zones

Records within 2000m

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.

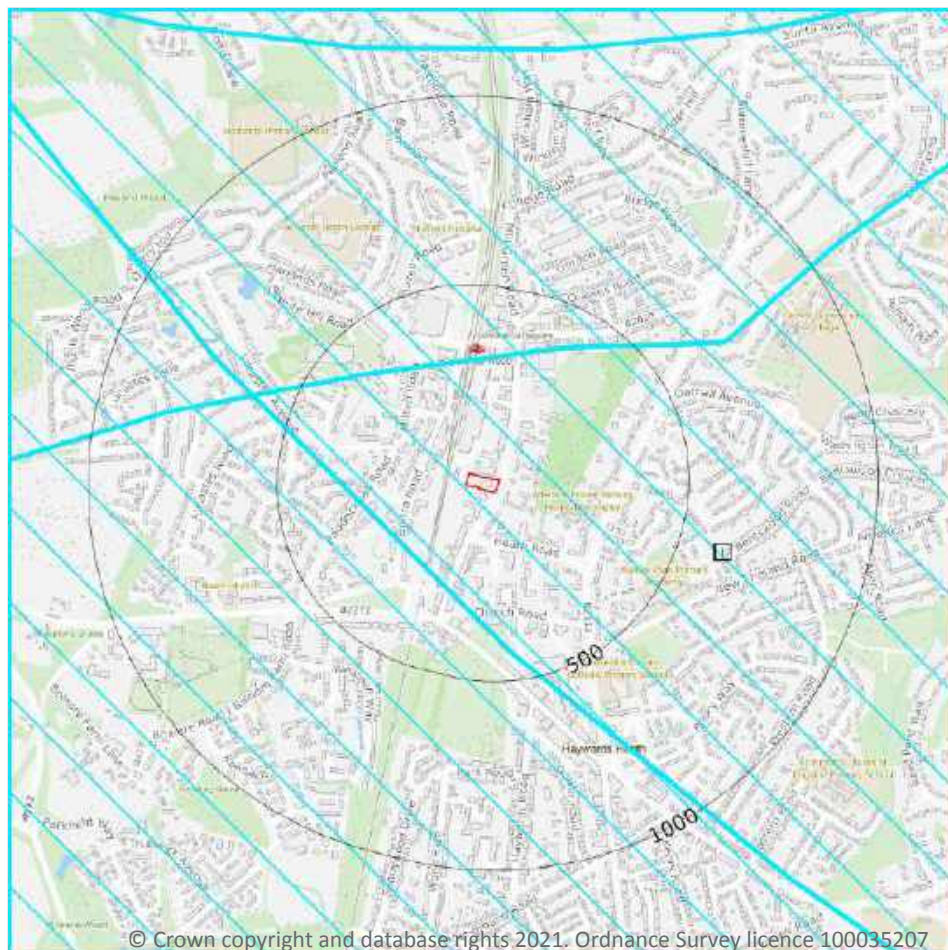
Location	Name	Type	NVZ ID	Status
835m SW	Adur East (Sakeham) NVZ	Surface Water	S522	Changed



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



SSSI Impact Zones and Units



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

10.17 SSSI Impact Risk Zones

Records on site

1

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

Features are displayed on the SSSI Impact Zones and Units map on **page 69**

ID	Location	Type of developments requiring consultation
1	On site	Infrastructure - Airports, helipads and other aviation proposals. Air pollution - Livestock & poultry units with floorspace > 500m², slurry lagoons > 750m² & manure stores > 3500t. Combustion - General combustion processes >50MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion

This data is sourced from Natural England.

10.18 SSSI Units

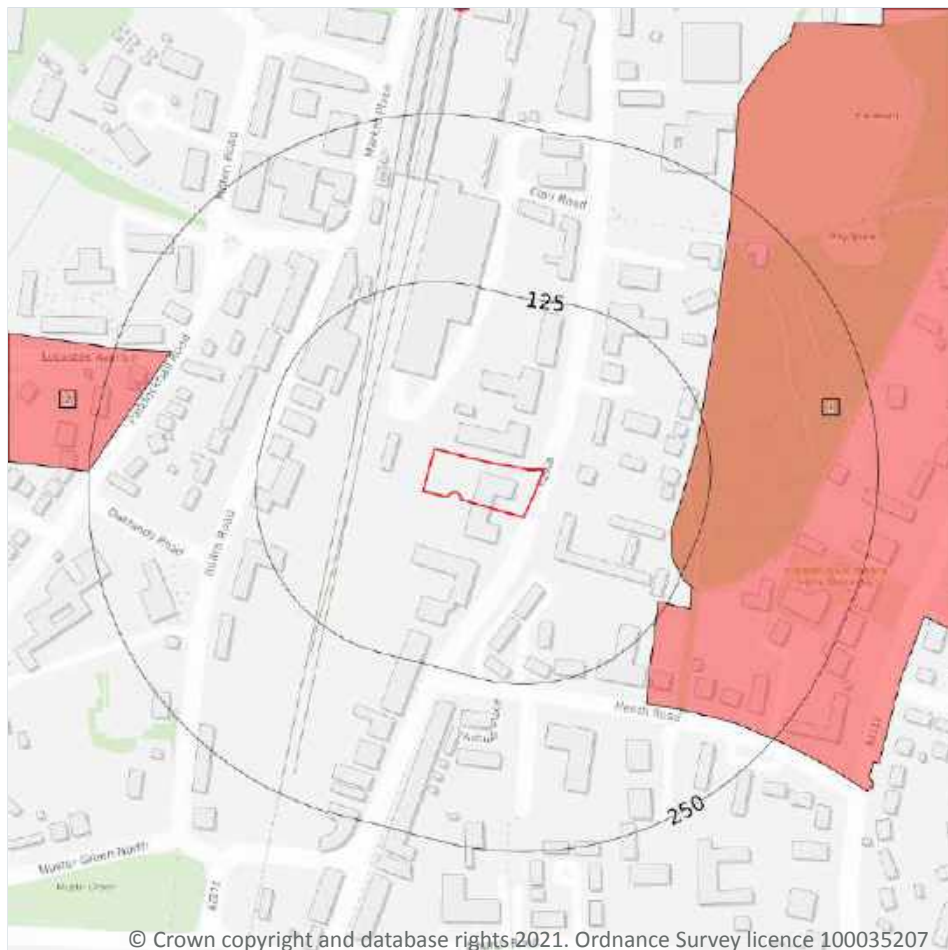
Records within 2000m	0
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Divisions of SSSIs used to record management and condition details. Units are the smallest areas for which Natural England gives a condition assessment, however, the size of units varies greatly depending on the types of management and the conservation interest.

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



11 Visual and cultural designations



- Site Outline
- Search buffers in metres (m)
- Listed buildings
- Conservation areas
- Conservation areas - no data
- National Parks
- Areas of Outstanding Natural Beauty
- Registered parks and gardens
- Scheduled Monuments
- World Heritage Sites

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**2**

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.



Features are displayed on the Visual and cultural designations map on **page 71**

ID	Location	Name	District	Date of designation
1	105m E	The Heath, Haywards Heath	Mid Sussex	03/1989
2	210m W	Lucastes, Haywards Heath	Mid Sussex	03/1989

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



- Site Outline
- Search buffers in metres (m)
- Grade 1 - excellent quality
- Grade 2 - very good quality
- Grade 3 - good to moderate quality
- Grade 3a - good quality
- Grade 3b - moderate quality
- Grade 4 - poor quality
- Grade 5 - very poor quality
- Non-agricultural land
- Urban land
- Exclusion land
- Tree felling licences
- Open Access land

12.1 Agricultural Land Classification

Records within 250m

1

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

Features are displayed on the Agricultural designations map on **page 74**

ID	Location	Classification	Description
1	On site	Urban	-

This data is sourced from Natural England.



12.2 Open Access Land

Records within 250m

0

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

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

12.3 Tree Felling Licences

Records within 250m

0

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

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m

0

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

This data is sourced from Natural England.

12.5 Countryside Stewardship Schemes

Records within 250m

0

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

This data is sourced from Natural England.

13 Habitat designations



- Site Outline
- Search buffers in metres (m)
- Priority Habitat Inventory
- Open Mosaic Habitat
- Limestone Pavement Orders
- Habitat Networks
- Primary Habitat
- Restorable Habitat
- Associated Habitats
- Habitat Restoration-Creation
- Network Enhancement Zone 1
- Network Enhancement Zone 2

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 76**

ID	Location	Main Habitat	Other habitats
1	105m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
2	111m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
3	141m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
4	195m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)



ID	Location	Main Habitat	Other habitats
5	225m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m	0
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Habitat networks for 18 priority habitat networks (based primarily, but not exclusively, on the priority habitat inventory) and areas suitable for the expansion of networks through restoration and habitat creation.

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

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

This data is sourced from Natural England.

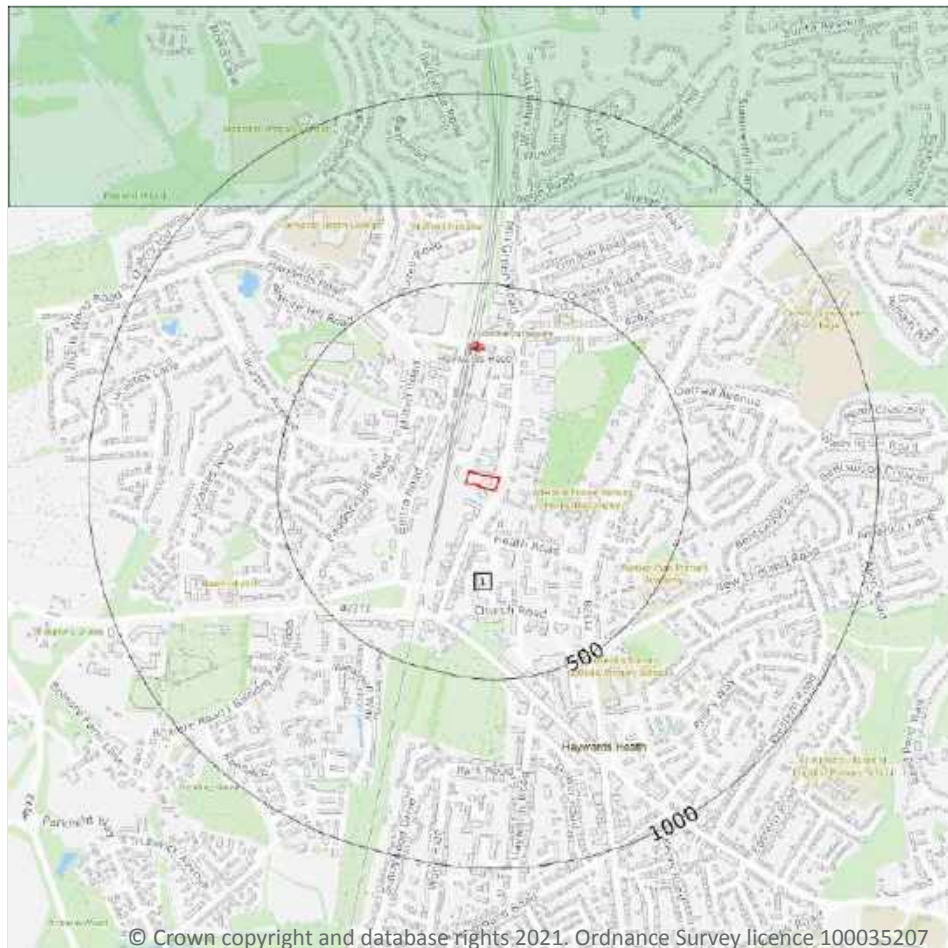
13.4 Limestone Pavement Orders

Records within 250m	0
----------------------------	----------

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

This data is sourced from Natural England.

14 Geology 1:10,000 scale - Availability



— Site Outline
Search buffers in metres (m)

- Full coverage
- Partial coverage
- No coverage

14.1 10k Availability

Records within 500m

1

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

Features are displayed on the Geology 1:10,000 scale - Availability map on **page 78**

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

This data is sourced from the British Geological Survey.

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

14.2 Artificial and made ground (10k)

Records within 500m

0

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

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Superficial

14.3 Superficial geology (10k)

Records within 500m

0

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

This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

Records within 500m

0

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

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Bedrock

14.5 Bedrock geology (10k)

Records within 500m

0

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

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m

0

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

This data is sourced from the British Geological Survey.



15 Geology 1:50,000 scale - Availability



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

15.1 50k Availability

Records within 500m

1

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

Features are displayed on the Geology 1:50,000 scale - Availability map on **page 82**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	EW302_horsham_v4

This data is sourced from the British Geological Survey.



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



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

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15.2 Artificial and made ground (50k)

Records within 500m

1

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

Features are displayed on the Geology 1:50,000 scale - Artificial and made ground map on **page 83**

ID	Location	LEX Code	Description	Rock description
1	470m S	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT

This data is sourced from the British Geological Survey.

15.3 Artificial ground permeability (50k)

Records within 50m

0

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

This data is sourced from the British Geological Survey.

