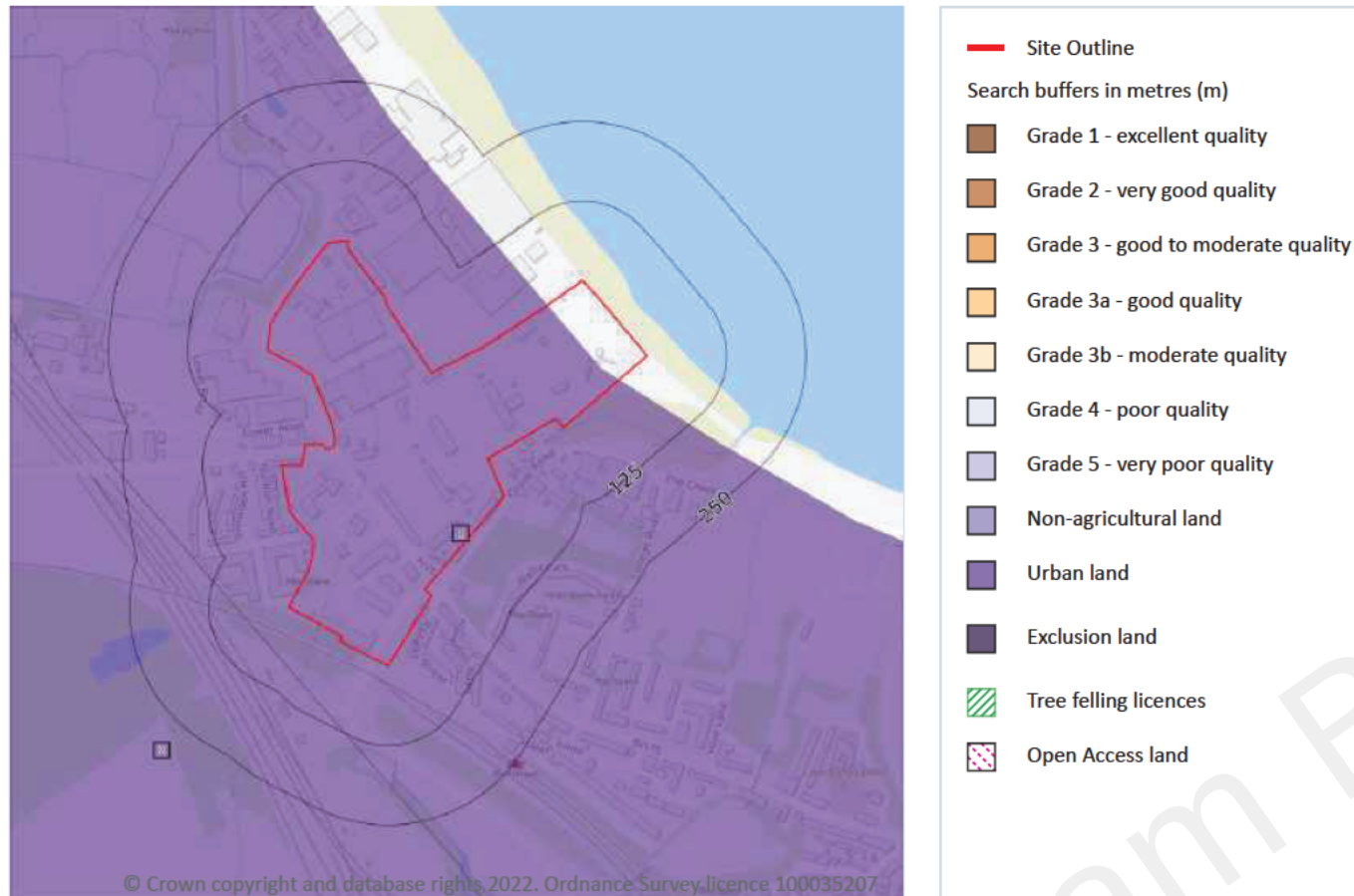


12 Agricultural designations



12.1 Agricultural Land Classification

Records within 250m 2

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

Features are displayed on the Agricultural designations map on page 193

ID	Location	Classification	Description
1	On site	Urban	-
2	63m SW	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

20

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 195

ID	Location	Main Habitat	Other habitats
1	On site	Mudflats	Main habitat: MUDFL (INV > 50%)
4	6m S	Mudflats	Main habitat: MUDFL (INV > 50%)
5	7m NW	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
7	8m NE	Mudflats	Main habitat: MUDFL (INV > 50%)



ID	Location	Main Habitat	Other habitats
A	15m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
8	16m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
9	36m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
10	37m N	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
11	44m N	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
12	46m W	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
14	59m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
15	72m W	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
16	82m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
18	116m NW	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
A	153m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
23	179m NW	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
24	197m SE	No main habitat but additional habitats present	Additional: MUDFL (INV 50%)
26	211m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
28	235m NW	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
29	242m NW	Mudflats	Main habitat: MUDFL (INV > 50%)

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m

4

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

Features are displayed on the Habitat designations map on page 195

ID	Location	Type	Habitat
2	On site	Network Enhancement Zone 2	Not specified
3	On site	Restorable Habitat	Not specified
6	7m NW	Network Enhancement Zone 2	Not specified
21	141m NW	Network Enhancement Zone 1	Not specified



This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m	8
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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.

Features are displayed on the Habitat designations map on page 195

ID	Location	Site reference	Identification confidence	Primary source	Secondary source	Tertiary source
13	47m SW	Springhead pits [Blue Lake]; BRITPITS ref: 131054	High	BugLife All Of A Buzz Data	British Geological Survey BRITPITS database	UK Perspectives Aerial Photography
A	95m E	-	Low	UK Perspectives Aerial Photography	-	-
17	114m W	Galley Hill Road; BRITPITS ref: 94822	Medium	BugLife All Of A Buzz Data	British Geological Survey BRITPITS database	UK Perspectives Aerial Photography
19	117m S	Springhead pits [Blue Lake]; BRITPITS ref: 131054	High	BugLife All Of A Buzz Data	British Geological Survey BRITPITS database	UK Perspectives Aerial Photography
20	137m W	Galley Hill Road; BRITPITS ref: 94822	Medium	BugLife All Of A Buzz Data	British Geological Survey BRITPITS database	UK Perspectives Aerial Photography
22	169m SW	Swanscomb e landfill; BRITPITS ref: 94833	High	BugLife All Of A Buzz Data	British Geological Survey BRITPITS database	UK Perspectives Aerial Photography
25	203m SE	Northfleet Cement Works	Low	BugLife All Of A Buzz Data	National Land Use Database - Previously Developed Land	UK Perspectives Aerial Photography



ID	Location	Site reference	Identification confidence	Primary source	Secondary source	Tertiary source
27	225m W	Galley Hill Road; BRITPITS ref: 94822	Medium	BugLife All Of A Buzz Data	British Geological Survey BRITPITS database	UK Perspectives Aerial Photography

This data is sourced from Natural England.

13.4 Limestone Pavement Orders

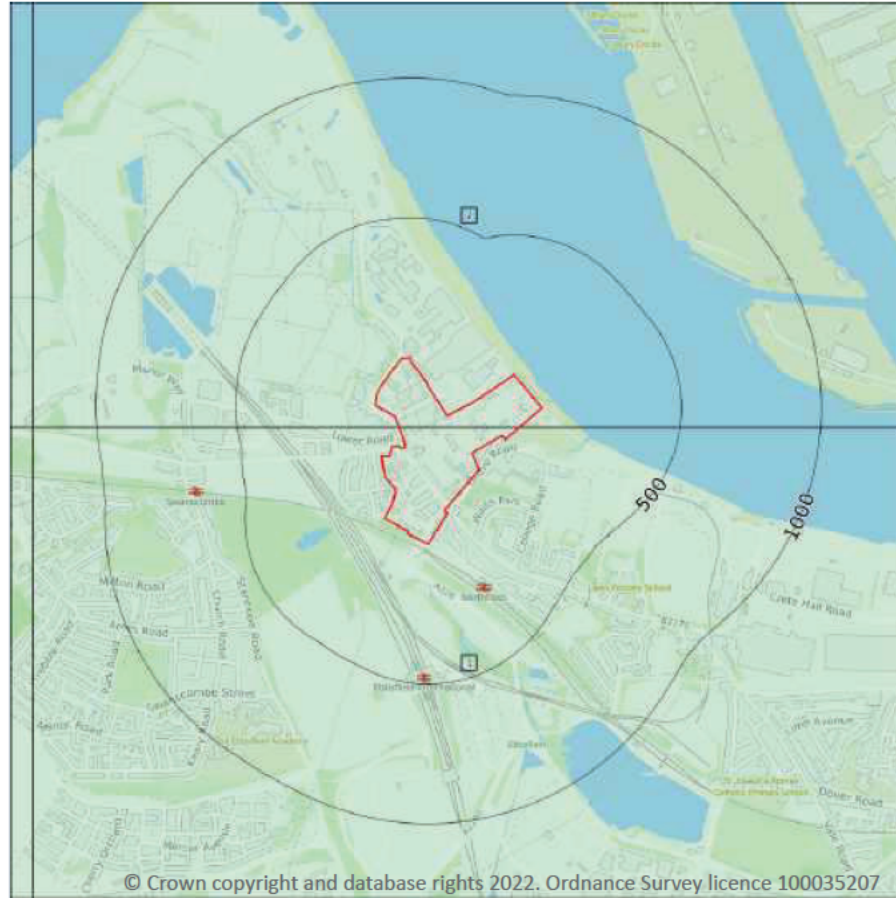
Records within 250m	0
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Limestone pavements are outcrops of limestone where the surface has been worn away by natural means over millennia. These rocks have the appearance of paving blocks, hence their name. Not only do they have geological interest, they also provide valuable habitats for wildlife. These habitats are threatened due to their removal for use in gardens and water features. Many limestone pavements have been designated as SSSIs which affords them some protection. In addition, Section 34 of the Wildlife and Countryside Act 1981 gave them additional protection via the creation of Limestone Pavement Orders, which made it a criminal offence to remove any part of the outcrop. The associated Limestone Pavement Priority Habitat is part of the UK Biodiversity Action Plan priority habitat in England.

This data is sourced from Natural England.



14 Geology 1:10,000 scale - Availability



- Site Outline
Search buffers in metres (m)
- Full coverage
 - Partial coverage
 - No coverage

14.1 10k Availability

Records within 500m

2

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.

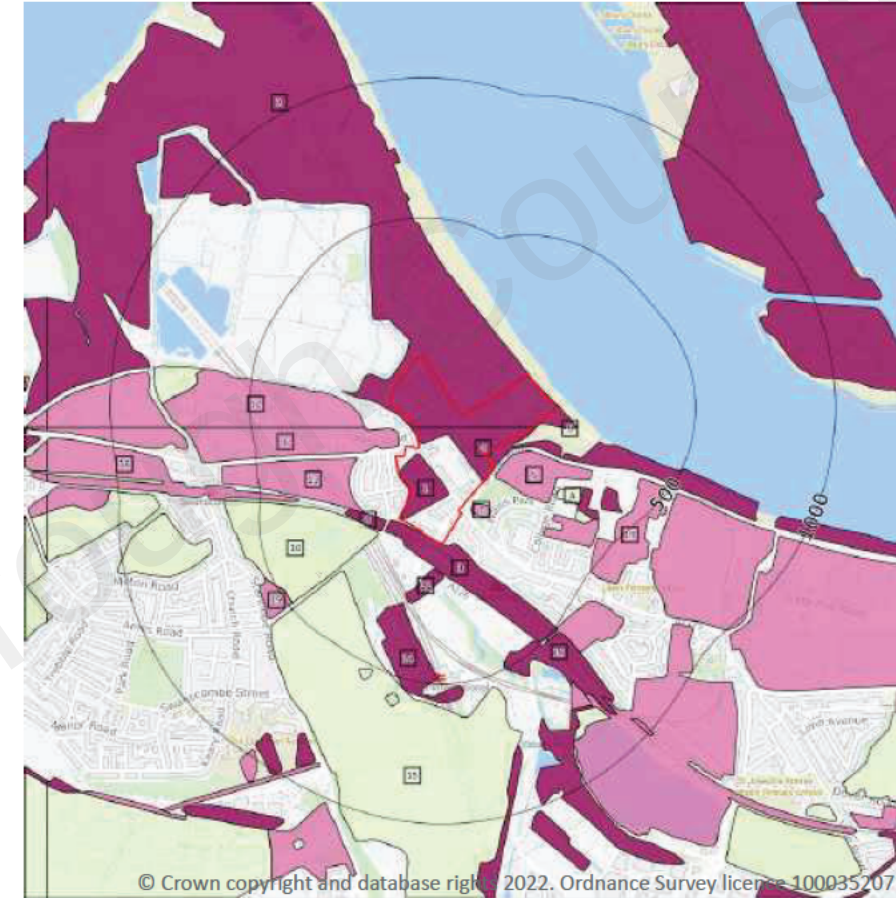
Features are displayed on the Geology 1:10,000 scale - Availability map on [page 199](#)

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	TQ67SW
2	On site	Full	Full	Full	No coverage	TQ67NW

This data is sourced from the British Geological Survey.



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



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

14.2 Artificial and made ground (10k)

Records within 500m

24

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

Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on [page 200](#)

ID	Location	LEX Code	Description	Rock description
1	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
2	On site	MGR-UNKNOWN	Made Ground (Undivided)	Unknown/unclassified Entry
3	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
4	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit



ID	Location	LEX Code	Description	Rock description
5	18m SE	WGR-VOID	Worked Ground (Undivided)	Void
6	28m W	WGR-VOID	Worked Ground (Undivided)	Void
7	28m SE	WGR-VOID	Worked Ground (Undivided)	Void
8	45m W	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
9	64m SE	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
10	91m SW	WMGR-ARTDP	Infilled Ground	Artificial Deposit
11	93m S	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
12	111m SW	WGR-UNKNOWN	Worked Ground (Undivided)	Unknown/unclassified Entry
13	122m W	WGR-VOID	Worked Ground (Undivided)	Void
A	228m SE	WMGR-ARTDP	Infilled Ground	Artificial Deposit
14	251m SW	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
A	271m SE	WGR-VOID	Worked Ground (Undivided)	Void
15	273m SW	WMGR-ARTDP	Infilled Ground	Artificial Deposit
A	280m SE	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
A	327m SE	WMGR-ARTDP	Infilled Ground	Artificial Deposit
A	333m SE	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
16	363m W	WGR-VOID	Worked Ground (Undivided)	Void
17	395m SE	WGR-VOID	Worked Ground (Undivided)	Void
18	457m SE	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
19	482m SW	WGR-VOID	Worked Ground (Undivided)	Void

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Superficial



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

14.3 Superficial geology (10k)

Records within 500m

12

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

Features are displayed on the Geology 1:10,000 scale - Superficial map on page 202

ID	Location	LEX Code	Description	Rock description
1	On site	ALV-Z	Alluvium - Silt (unlithified Deposits Coding Scheme)	Silt
2	On site	HEAD-XSC	Head - Sand And Clay	Sand And Clay
3	On site	HEAD-XSC	Head - Sand And Clay	Sand And Clay
4	On site	ALV-Z	Alluvium - Silt (unlithified Deposits Coding Scheme)	Silt



ID	Location	LEX Code	Description	Rock description
5	1m NE	TRD-Z	Tidal River Or Creek Deposits - Silt	Silt
6	4m SE	TRD-Z	Tidal River Or Creek Deposits - Silt	Silt
7	5m SE	TRD-Z	Tidal River Or Creek Deposits - Silt	Silt
8	10m W	HEAD-C	Head - Clay (unlithified Deposits Coding Scheme)	Clay
9	38m NE	ALV-Z	Alluvium - Silt (unlithified Deposits Coding Scheme)	Silt
10	64m SE	ALV-Z	Alluvium - Silt (unlithified Deposits Coding Scheme)	Silt
11	85m SE	BHT-XSV	Boyn Hill Gravel Member - Sand And Gravel	Sand And Gravel
12	380m SW	BHT-XSV	Boyn Hill Gravel Member - Sand And Gravel	Sand And Gravel

This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

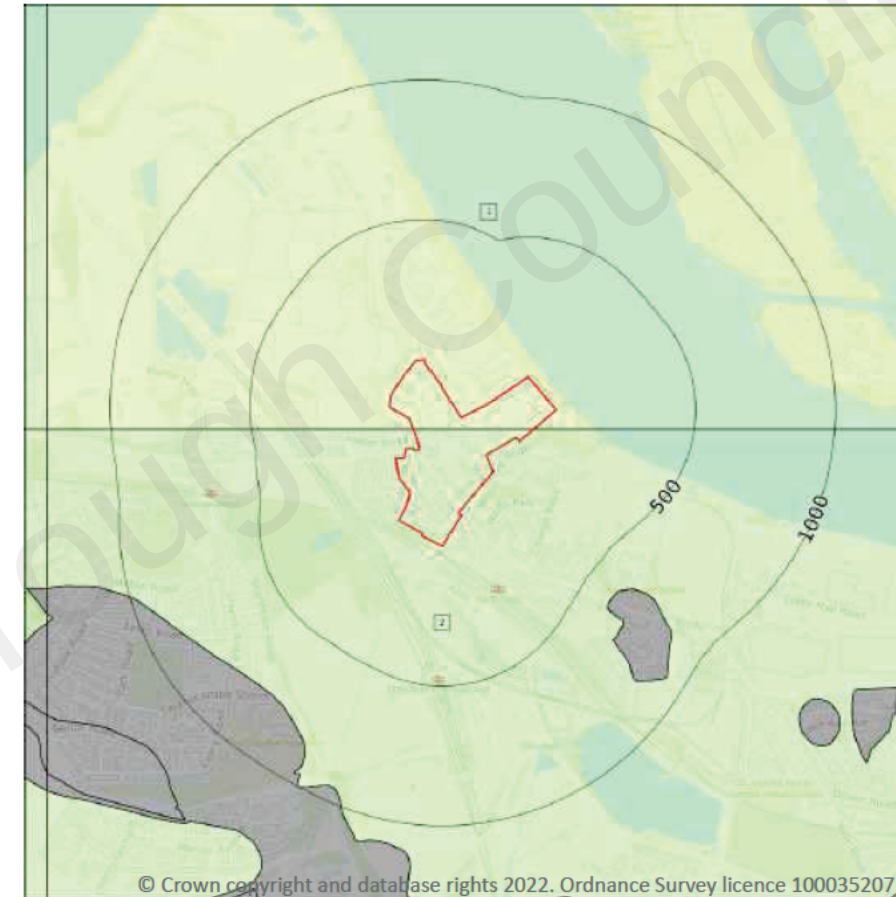
Records within 500m

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

2

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

Features are displayed on the Geology 1:10,000 scale - Bedrock map on page 204

ID	Location	LEX Code	Description	Rock age
1	On site	CK-CHLK	Chalk Group - Chalk	Maastrichtian Age - Cenomanian Age
2	On site	SECK-CHLK	Seaford Chalk Formation - Chalk	Santonian Age - Coniacian Age

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

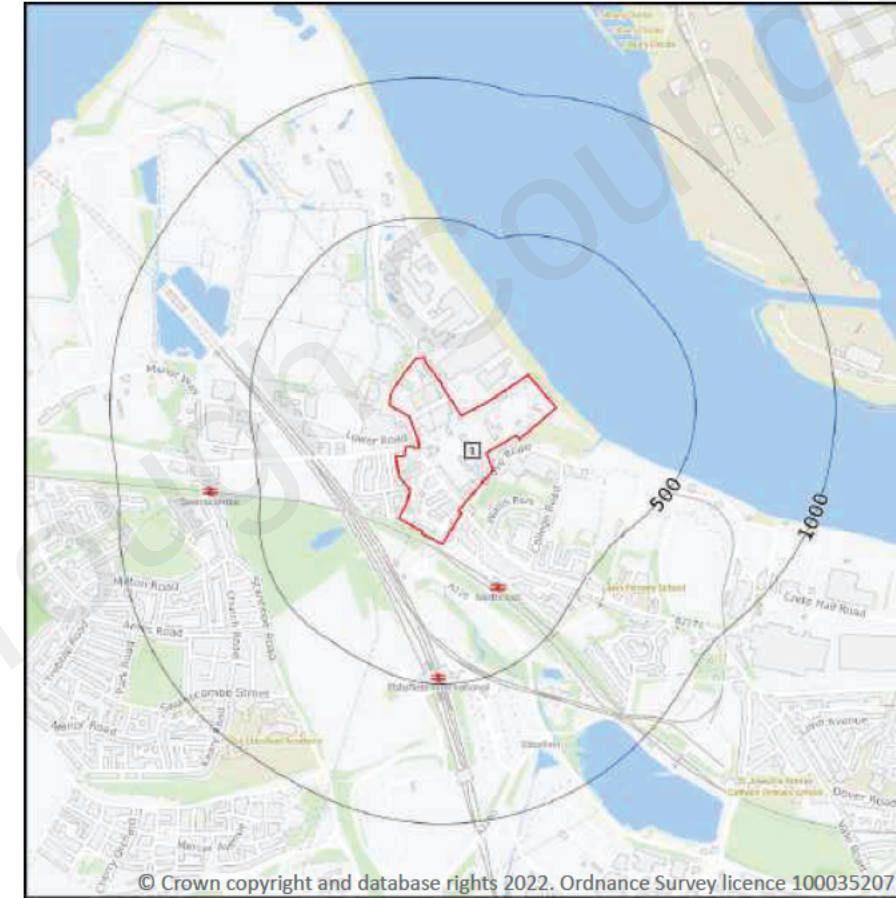
Records within 500m

0

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

This data is sourced from the British Geological Survey.

15 Geology 1:50,000 scale - Availability



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

15.1 50k Availability

Records within 500m

1

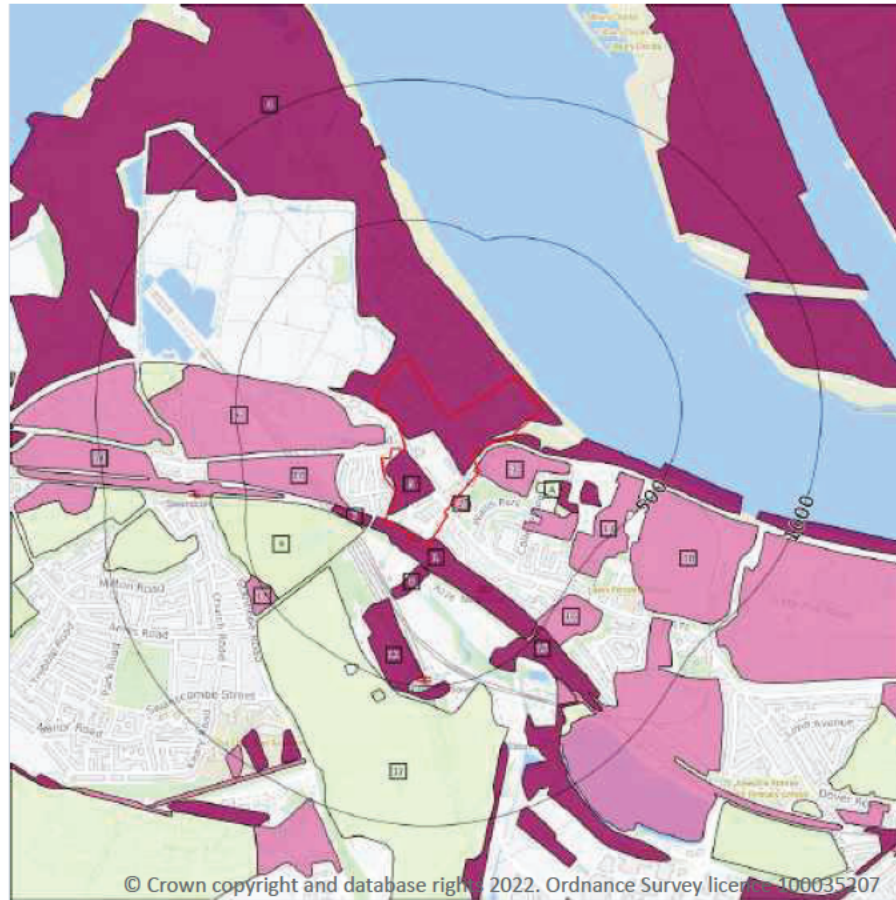
An indication on the coverage of 1:50,000 scale geology data for the site. Either 'Full' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:50,000 scale - Availability map on page 206

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	EW271_dartford_v4

This data is sourced from the British Geological Survey.

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



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

15.2 Artificial and made ground (50k)

Records within 500m

23

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 207

ID	Location	LEX Code	Description	Rock description
1	On site	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
2	On site	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
3	On site	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
4	On site	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT



ID	Location	LEX Code	Description	Rock description
5	On site	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
6	39m NW	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
7	44m W	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
8	73m S	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
9	80m SW	WMGR-ARTDP	INFILLED GROUND	ARTIFICIAL DEPOSIT
10	126m W	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
A	190m SE	WMGR-ARTDP	INFILLED GROUND	ARTIFICIAL DEPOSIT
11	231m SW	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
A	235m SE	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
A	241m SE	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
12	259m SW	WMGR-ARTDP	INFILLED GROUND	ARTIFICIAL DEPOSIT
A	290m SE	WMGR-ARTDP	INFILLED GROUND	ARTIFICIAL DEPOSIT
A	295m SE	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
13	357m SE	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
14	364m W	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
15	439m SE	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
16	469m SE	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
17	471m SW	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
18	493m SE	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID

This data is sourced from the British Geological Survey.

15.3 Artificial ground permeability (50k)

Records within 50m

5

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).

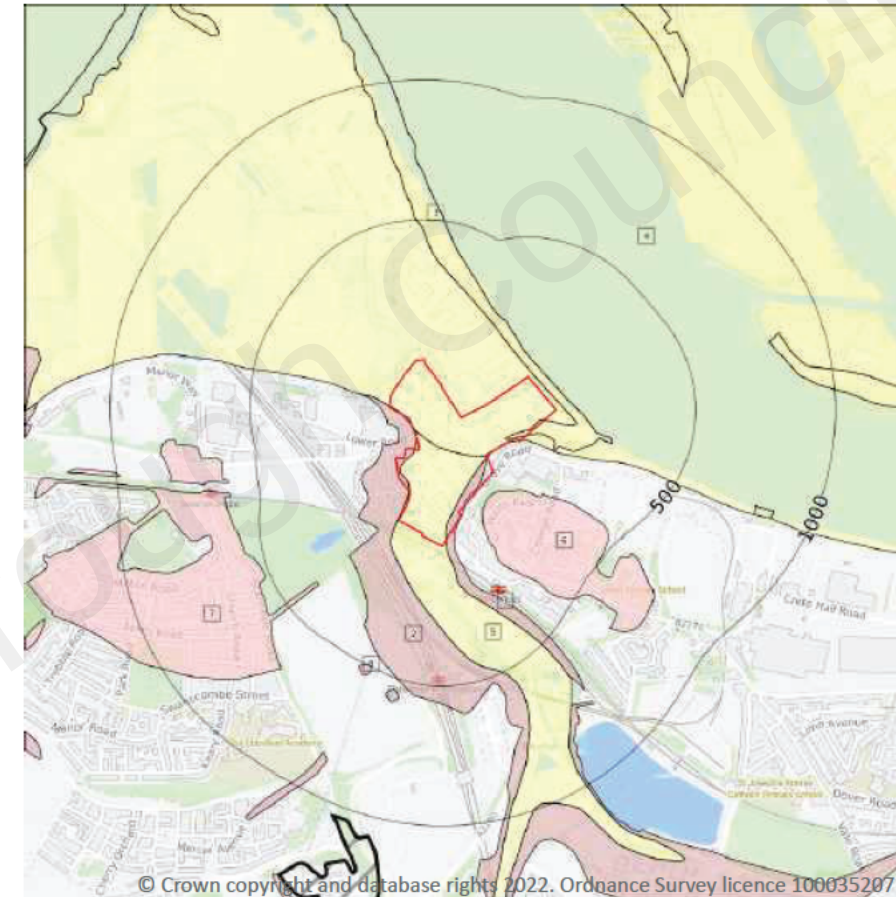
Location	Flow type	Maximum permeability	Minimum permeability
On site	Mixed	Very High	Low
On site	Mixed	Very High	Low



Location	Flow type	Maximum permeability	Minimum permeability
On site	Mixed	Very High	Low
On site	Mixed	Very High	Low
44m SW	Mixed	Very High	Low

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Superficial



- Site Outline
- Search buffers in metres (m)
- Landslip (50k)
- Superficial geology (50k)
Please see table for more details.

15.4 Superficial geology (50k)

Records within 500m

8

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

Features are displayed on the Geology 1:50,000 scale - Superficial map on page 210

ID	Location	LEX Code	Description	Rock description
1	On site	HEAD-XCZSV	HEAD	CLAY, SILT, SAND AND GRAVEL
2	On site	HEAD-XCZSV	HEAD	CLAY, SILT, SAND AND GRAVEL
3	On site	TRD-XCZ	TIDAL RIVER OR CREEK DEPOSITS	CLAY AND SILT

ID	Location	LEX Code	Description	Rock description
4	On site	ALV-XCZSP	ALLUVIUM	CLAY, SILT, SAND AND PEAT
5	On site	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
6	47m SE	BHT-XSV	BOYN HILL GRAVEL MEMBER	SAND AND GRAVEL
7	366m SW	BHT-XSV	BOYN HILL GRAVEL MEMBER	SAND AND GRAVEL
8	494m SW	HEAD-XCZSV	HEAD	CLAY, SILT, SAND AND GRAVEL

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m 9

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

Location	Flow type	Maximum permeability	Minimum permeability
On site	Mixed	High	Very Low
On site	Intergranular	Low	Very Low
On site	Mixed	High	Very Low
On site	Intergranular	High	Very Low
On site	Intergranular	Moderate	Very Low
On site	Intergranular	Low	Very Low
On site	Intergranular	Moderate	Very Low
On site	Mixed	High	Very Low
47m SE	Intergranular	Very High	High

This data is sourced from the British Geological Survey.



15.6 Landslip (50k)

Records within 500m 0

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

This data is sourced from the British Geological Survey.

15.7 Landslip permeability (50k)

Records within 50m 0

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

This data is sourced from the British Geological Survey.

