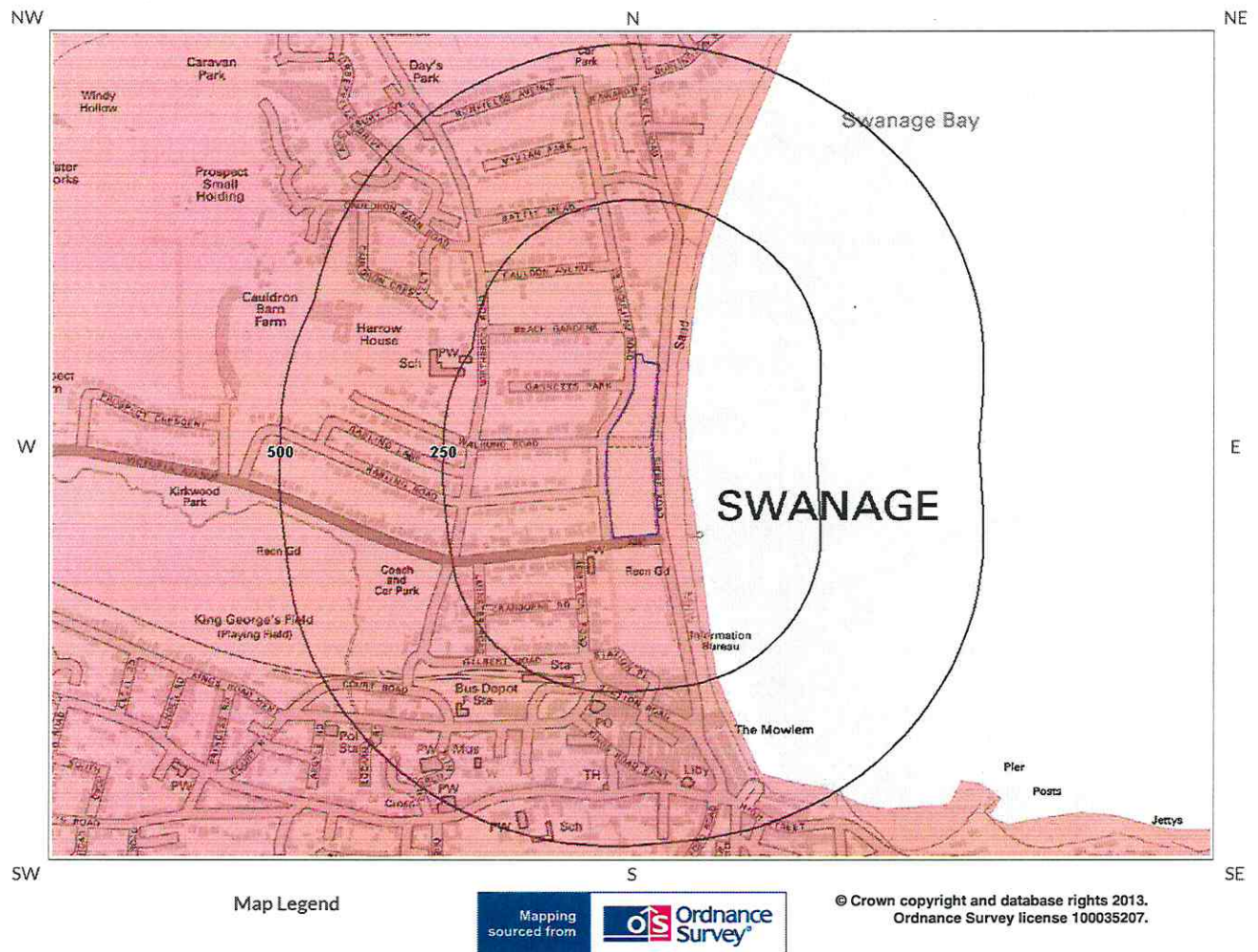
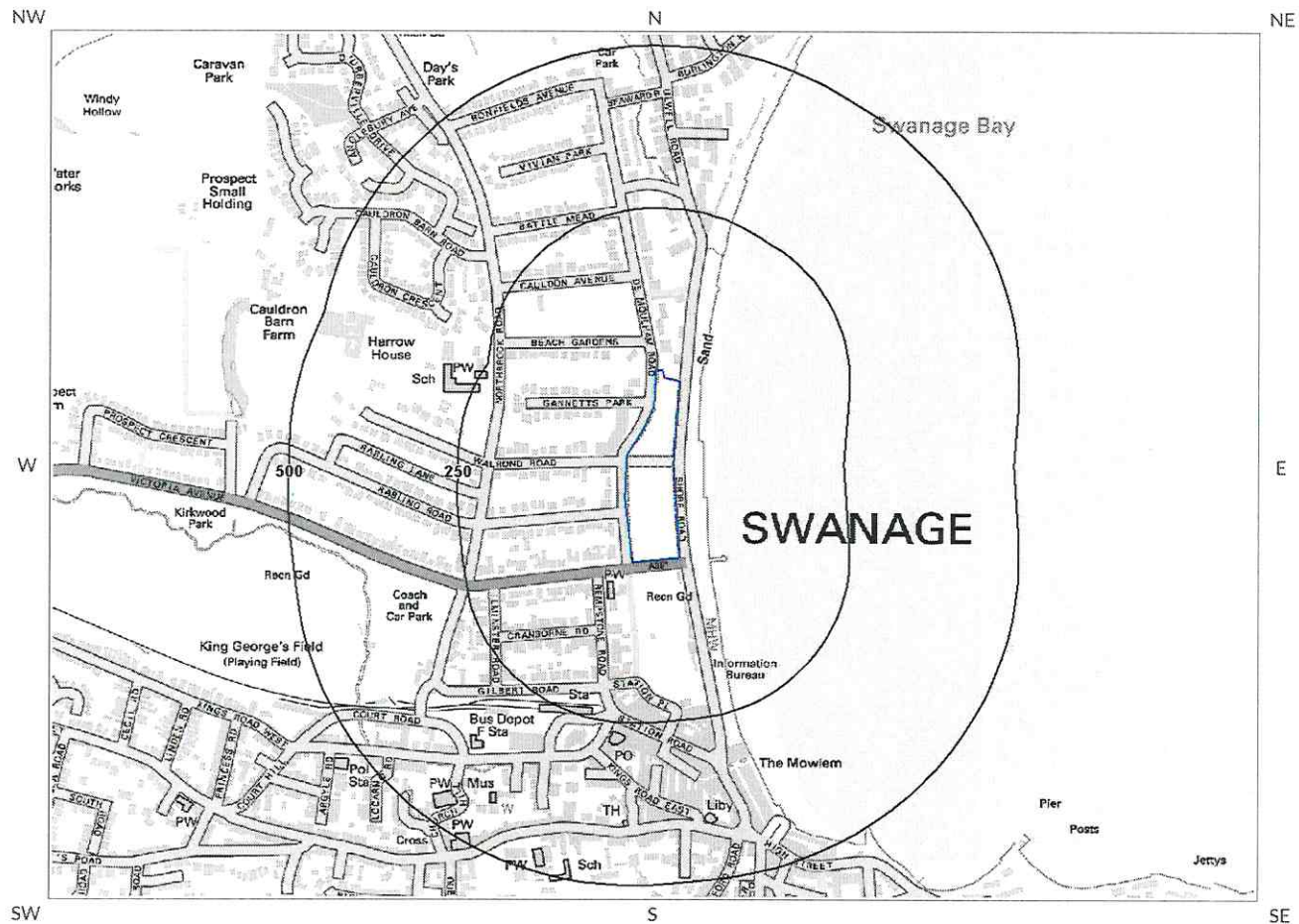


5b. Aquifer Within Bedrock Geology and Abstraction Licenses



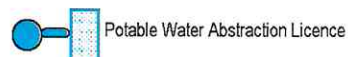
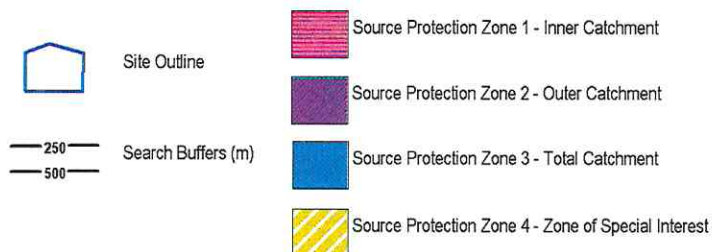
5c. Hydrogeology – Source Protection Zones and Potable Water Abstraction Licenses



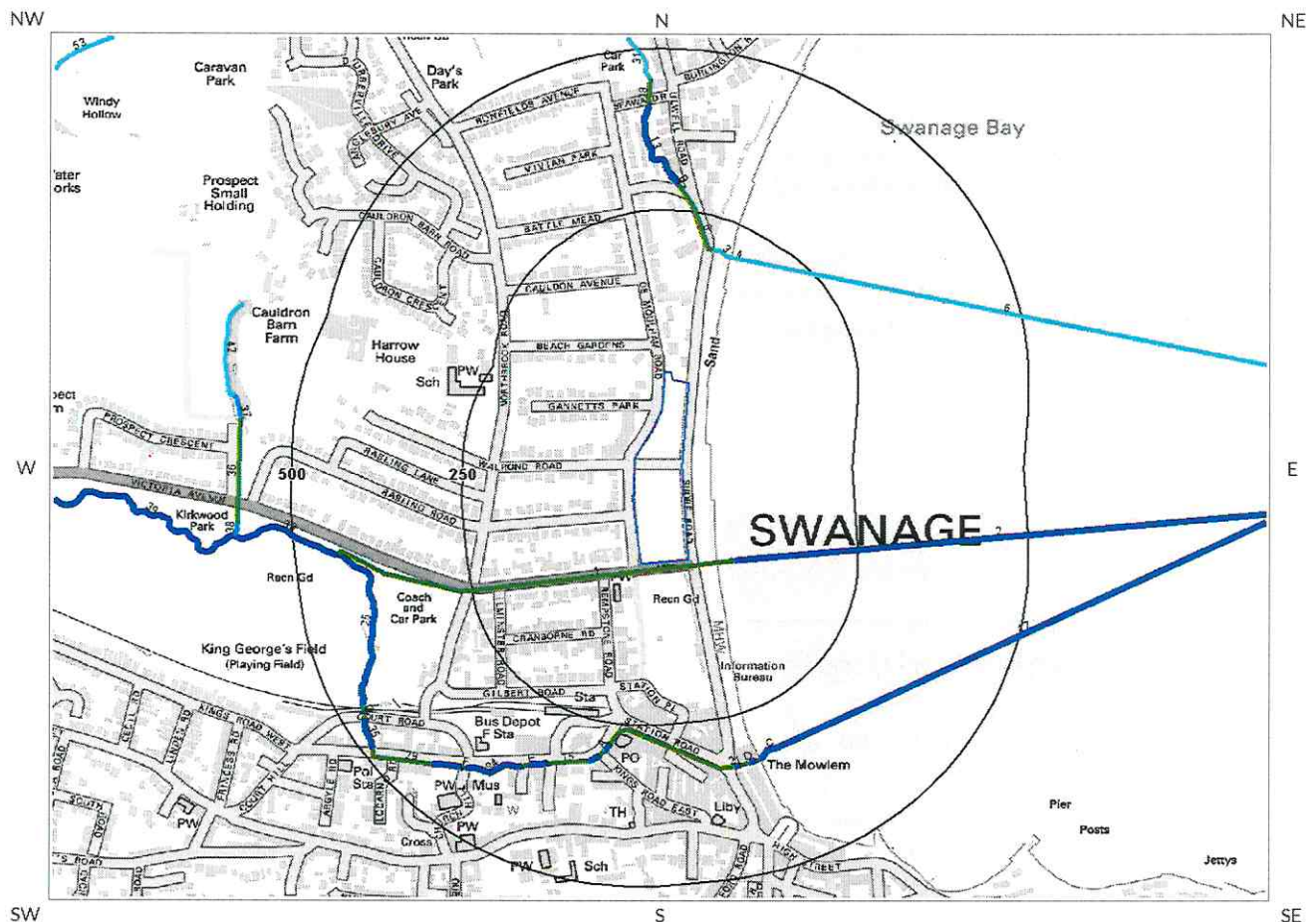
Map Legend



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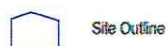
5d. Hydrology – Detailed River Network and River Quality



Map Legend

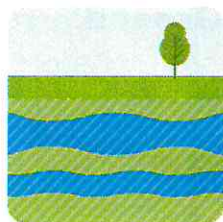


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250 Search Buffers (m)
500

- Primary River
- Secondary River
- Tertiary River
- Lake/Reservoir
- Underground River (inferred)
- General Quality Assessment: Biology
- General Quality Assessment: Chemistry
- Canal
- Canal Tunnel
- Culvert
- Multiple Channel Culvert
- Underground River (Potential Sewer)
- Underground River (local knowledge)



5. Hydrogeology and Hydrology

5.1 Aquifer within Superficial Deposits

Are there records of strata classification within the superficial geology at or in proximity to the property? Yes

From 1 April 2010, the Environment Agency's Groundwater Protection Policy has been using aquifer designations consistent with the Water Framework Directive. For further details on the designation and interpretation of this information, please refer to the GroundSure Enviroinsight User Guide.

The following aquifer records are shown on the Aquifer within Superficial Geology Map (5a):

ID	Distance (m)	Direction	Designation	Description
1	0.0	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
3	228.0	N	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

5.2 Aquifer within Bedrock Deposits

Are there records of strata classification within the bedrock geology at or in proximity to the property? Yes

From 1 April 2010, the Environment Agency's Groundwater Protection Policy has been using aquifer designations consistent with the Water Framework Directive. For further details on the designation and interpretation of this information, please refer to the GroundSure Enviroinsight User Guide.

The following aquifer records are shown on the Aquifer within Bedrock Geology Map (5b):

ID	Distance (m)	Direction	Designation	Description
1	0.0	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

5.3 Groundwater Abstraction Licences

Are there any Groundwater Abstraction Licences within 2000m of the study site?

Yes

The following Abstraction Licences records are represented as points, lines and regions on the Aquifer within Bedrock Geology Map (5b):

ID	Distance (m)	Direction	NGR	Details
Not shown	1620.0	NW	401580 80160	Licence No: 13/44/003/G/110 Details: Water Bottling Direct Source: Ground Water - Fresh Point: Godlingston Manor Borehole Data Type: Point Annual Volume (m³): 17220 Max Daily Volume (m³): 61.44 Original Application No: M00135 Original Start Date: 18/7/2008 Expiry Date: 31/3/2017 Issue No: 101 Version Start Date: 18/7/2008 Version End Date:
Not shown	1662.0	W	401400 79800	Licence No: 13/44/003/G/017 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: Alderbury Copse Well Point #1 Data Type: Point Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: 13/44/003/G/017 Original Start Date: 1/10/1966 Expiry Date: - Issue No: 100 Version Start Date: 1/10/1966 Version End Date:
Not shown	1815.0	NW	402100 81000	Licence No: 13/44/003/G/001 Details: Potable Water Supply - Direct Direct Source: Ground Water - Fresh Point: Ulwell Well Data Type: Point Annual Volume (m³): 340955.58 Max Daily Volume (m³): 3273.17 Original Application No: 13/44/003/G/001 Original Start Date: 1/9/1966 Expiry Date: - Issue No: 100 Version Start Date: 10/11/1989 Version End Date:
Not shown	1815.0	NW	402100 81000	Licence No: 13/44/003/G/001 Details: Potable Water Supply - Direct Direct Source: Ground Water - Fresh Point: Ulwell Borehole Data Type: Point Annual Volume (m³): 340955.58 Max Daily Volume (m³): 3273.17 Original Application No: 13/44/003/G/001 Original Start Date: 1/9/1966 Expiry Date: - Issue No: 100 Version Start Date: 10/11/1989 Version End Date:

5.4 Surface Water Abstraction Licences

Are there any Surface Water Abstraction Licences within 2000m of the study site?

Yes

The following Surface Water Abstraction Licences records are represented as points, lines and regions on the Aquifer within Bedrock Geology Map (5b):

ID	Distance (m)	Direction	NGR	Details
Not shown	866.0	W	402120 79250	Licence No: 13/44/003/S/109 Details: Spray Irrigation - Direct Direct Source: Surface Water - Fresh Point: Swan Brook At The Swanage Pitch And Putt Data Type: Point Annual Volume (m³): 1037 Max Daily Volume (m³): 16.2 Application No: M88 Original Start Date: 2/8/2002 Expiry Date: 31/3/2017 Issue No: 101 Version Start Date: 2/8/2002 Version End Date:

ID	Distance (m)	Direction	NGR	Details
Not shown	1221.0	W	401900 79900	Licence No: 13/44/003/S/006 Details: Spray Irrigation - Direct Direct Source: Surface Water - Fresh Point: Godlingston Manor Stream Point #2 Data Type: Point Annual Volume (m³): 22730 Max Daily Volume (m³): 981.95 Application No: - Original Start Date: 1/4/1967 Expiry Date: - Issue No: 102 Version Start Date: 18/7/2008 Version End Date:
Not shown	1723.0	NW	401600 80400	Licence No: 13/44/003/S/006 Details: Spray Irrigation - Direct Direct Source: Surface Water - Fresh Point: Godlingston Manor Stream Point #1 Data Type: Point Annual Volume (m³): 22730 Max Daily Volume (m³): 981.95 Application No: - Original Start Date: 1/4/1967 Expiry Date: - Issue No: 102 Version Start Date: 18/7/2008 Version End Date:
Not shown	1723.0	NW	401600 80400	Licence No: 13/44/003/S/006 Details: Spray Irrigation - Direct Direct Source: Surface Water - Fresh Point: Godlingston Manor Reservoir Point #3 Data Type: Point Annual Volume (m³): 22730 Max Daily Volume (m³): 981.95 Application No: - Original Start Date: 1/4/1967 Expiry Date: - Issue No: 102 Version Start Date: 18/7/2008 Version End Date:
Not shown	1947.0	W	401200 80100	Licence No: 13/44/003/S/006 Details: Spray Irrigation - Direct Direct Source: Surface Water - Fresh Point: Godlingston Manor Stream Point #4 Data Type: Point Annual Volume (m³): 22730 Max Daily Volume (m³): 981.95 Application No: - Original Start Date: 1/4/1967 Expiry Date: - Issue No: 102 Version Start Date: 18/7/2008 Version End Date:

5.5 Potable Water Abstraction Licences

Are there any Potable Water Abstraction Licences within 2000m of the study site? Yes

The following Potable Water Abstraction Licences records are represented as points, lines and regions on the SPZ and Potable Water Abstraction Licences Map (5c):

ID	Distance (m)	Direction	NGR	Details
Not shown	1620.0	NW	401580 80160	Licence No: 13/44/003/G/110 Details: Water Bottling Direct Source: Ground Water - Fresh Point: Godlingston Manor Borehole Data Type: Point Annual Volume (m³): 17220 Max Daily Volume (m³): 61.44 Original Application No: M00135 Original Start Date: 18/7/2008 Expiry Date: 31/3/2017 Issue No: 101 Version Start Date: Version End Date:
Not shown	1815.0	NW	402100 81000	Licence No: 13/44/003/G/001 Details: Potable Water Supply - Direct Direct Source: Ground Water - Fresh Point: Ulwell Borehole Data Type: Point Annual Volume (m³): 340955.58 Max Daily Volume (m³): 3273.17 Original Application No: 13/44/003/G/001 Original Start Date: 1/9/1966 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:

ID	Distance (m)	Direction	NGR	Details
Not shown	1815.0	NW	402100 81000	Licence No: 13/44/003/G/001 Details: Potable Water Supply - Direct Direct Source: Ground Water - Fresh Point: Ulwell Well Data Type: Point Annual Volume (m³): 340955.58 Max Daily Volume (m³): 3273.17 Original Application No: 13/44/003/G/001 Original Start Date: 1/9/1966 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:

5.6 Source Protection Zones

Are there any Source Protection Zones within 500m of the study site? No

Database searched and no data found.

5.7 River Quality

Is there any Environment Agency information on river quality within 1500m of the study site? No

5.7.1 Biological Quality:

Database searched and no data found.

5.7.2 Chemical Quality:

Database searched and no data found.

5.8 Detailed River Network

Are there any Detailed River Network entries within 500m of the study site?

Yes

The following Detailed River Network records are represented on the Hydrology Map (5d):

ID	Distance (m)	Direction	Details	
1	9.0	S	River Name: Swan Brook Relief Channel Welsh River Name: - Alternative Name: -	River Type: Culvert Main River Status: Currently Undefined
2	68.0	E	River Name: - Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
3	197.0	NE	River Name: Ulwell Stream Welsh River Name: - Alternative Name: -	River Type: Tertiary River Main River Status: Currently Undefined
4	197.0	NE	River Name: Ulwell Stream Welsh River Name: - Alternative Name: -	River Type: Tertiary River Main River Status: Currently Undefined
5	198.0	N	River Name: Ulwell Stream Welsh River Name: - Alternative Name: -	River Type: Culvert Main River Status: Currently Undefined
6	205.0	NE	River Name: - Welsh River Name: - Alternative Name: -	River Type: Tertiary River Main River Status: Currently Undefined
7	257.0	S	River Name: Swan Brook Welsh River Name: - Alternative Name: -	River Type: Culvert Main River Status: Currently Undefined
8A	282.0	S	River Name: Swan Brook Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
9B	291.0	N	River Name: Ulwell Stream Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
10 A	295.0	S	River Name: Swan Brook Welsh River Name: - Alternative Name: -	River Type: Culvert Main River Status: Currently Undefined
11 B	296.0	N	River Name: - Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
12 B	296.0	N	River Name: Ulwell Stream Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
13	302.0	N	River Name: Ulwell Stream Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
14 A	302.0	S	River Name: Swan Brook Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
15	315.0	S	River Name: Swan Brook Welsh River Name: - Alternative Name: -	River Type: Culvert Main River Status: Currently Undefined
16 C	318.0	S	River Name: Swan Brook Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
17	320.0	SE	River Name: - Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
18 C	327.0	S	River Name: Swan Brook Welsh River Name: - Alternative Name: -	River Type: Culvert Main River Status: Currently Undefined
19 D	327.0	S	River Name: Swan Brook Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
20 D	327.0	S	River Name: Swan Brook Welsh River Name: - Alternative Name: -	River Type: Culvert Main River Status: Currently Undefined
21	329.0	S	River Name: Swan Brook Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined

ID	Distance (m)	Direction	Details	
22 E	337.0	SW	River Name: Swan Brook Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
23 E	352.0	SW	River Name: Swan Brook Welsh River Name: - Alternative Name: -	River Type: Culvert Main River Status: Currently Undefined
24	358.0	SW	River Name: Swan Brook Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
25	395.0	W	River Name: Swan Brook Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
26 F	405.0	SW	River Name: Swan Brook Welsh River Name: - Alternative Name: -	River Type: Culvert Main River Status: Currently Undefined
27 F	408.0	SW	River Name: Swan Brook Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
28	411.0	N	River Name: Ulwell Stream Welsh River Name: - Alternative Name: -	River Type: Culvert Main River Status: Currently Undefined
29	434.0	SW	River Name: Swan Brook Welsh River Name: - Alternative Name: -	River Type: Culvert Main River Status: Currently Undefined
30	437.0	W	River Name: Swan Brook Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
31	453.0	N	River Name: Ulwell Stream Welsh River Name: - Alternative Name: -	River Type: Tertiary River Main River Status: Currently Undefined
32 G	462.0	SW	River Name: Swan Brook Welsh River Name: - Alternative Name: -	River Type: Culvert Main River Status: Currently Undefined
33 G	466.0	SW	River Name: Swan Brook Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
34 G	467.0	SW	River Name: Swan Brook Welsh River Name: - Alternative Name: -	River Type: Culvert Main River Status: Currently Undefined
35	469.0	SW	River Name: Swan Brook Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined

5.9 Surface Water Features

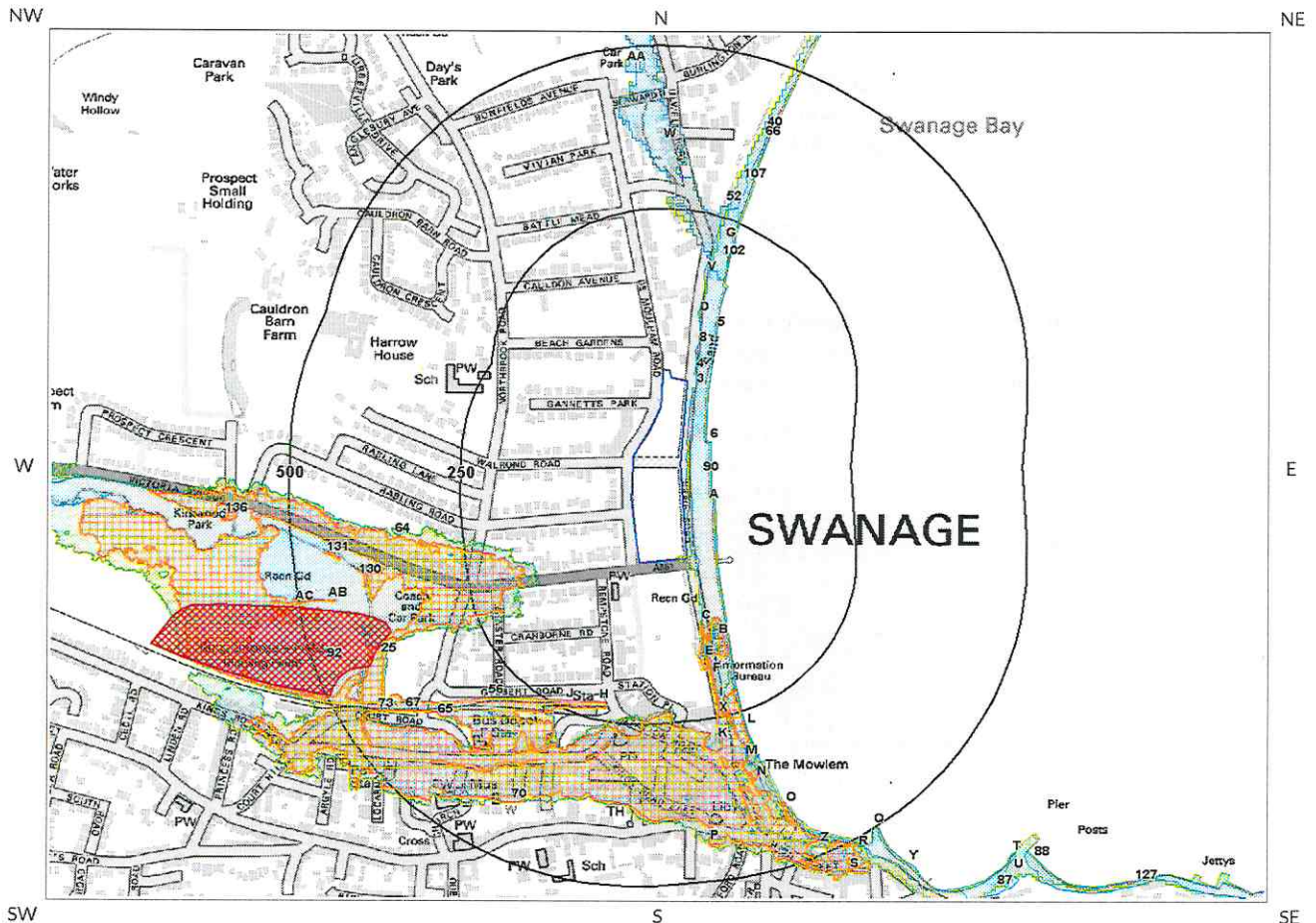
Are there any surface water features within 250m of the study site?

Yes

The following surface water records are not represented on mapping:

Distance (m)	Direction
31.0	E
197.0	NE

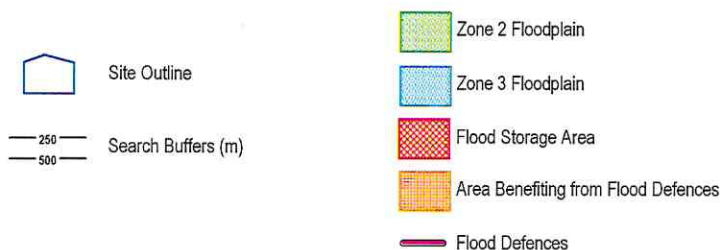
6. Environment Agency Flood Map for planning (from rivers and the sea)



Map Legend



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6. Flooding

6.1 Zone 2 Flooding

Environment Agency Zone 2 floodplains estimate the annual probability of flooding as between 1 in 1000 (0.1%) and 1 in 100 (1%) from rivers and between 1 in 1000 (0.1%) and 1 in 200 (0.5%) from the sea. Any relevant data is represented on Map 1 – Environment Agency Flood Map for Planning:

Is the site within 250m of an Environment Agency Zone 2 floodplain?

Yes

The following floodplain records are represented as green shading on the Flood Map:

ID	Distance (m)	Direction	Update	Type
1A	0.0	On Site	27-Feb-2014	Zone 2 - (Tidal Models)
2	5.0	E	27-Feb-2014	Zone 2 - (Tidal Models)
3	13.0	E	27-Feb-2014	Zone 2 - (Tidal Models)
4	15.0	NE	27-Feb-2014	Zone 2 - (Tidal Models)
5	32.0	E	27-Feb-2014	Zone 2 - (Tidal Models)
6	35.0	E	27-Feb-2014	Zone 2 - (Tidal Models)
7A	43.0	E	27-Feb-2014	Zone 2 - (Tidal Models)
8	46.0	N	27-Feb-2014	Zone 2 - (Tidal Models)
9D	82.0	NE	27-Feb-2014	Zone 2 - (Tidal Models)
10C	97.0	S	27-Feb-2014	Zone 2 - (Fluvial Models)
11B	100.0	SE	27-Feb-2014	Zone 2 - (Fluvial / Tidal Models)
12B	105.0	S	27-Feb-2014	Zone 2 - (Fluvial / Tidal Models)
13C	109.0	S	27-Feb-2014	Zone 2 - (Fluvial Models)
14D	109.0	NE	27-Feb-2014	Zone 2 - (Tidal Models)
15B	112.0	S	27-Feb-2014	Zone 2 - (Tidal Models)
16C	118.0	S	27-Feb-2014	Zone 2 - (Tidal Models)
17B	121.0	S	27-Feb-2014	Zone 2 - (Tidal Models)
18B	124.0	S	27-Feb-2014	Zone 2 - (Tidal Models)
19V	129.0	NE	27-Feb-2014	Zone 2 - (Tidal Models)
20E	133.0	S	27-Feb-2014	Zone 2 - (Fluvial Models)

ID	Distance (m)	Direction	Update	Type
21B	142.0	S	27-Feb-2014	Zone 2 - (Tidal Models)
22B	142.0	S	27-Feb-2014	Zone 2 - (Tidal Models)
23E	148.0	S	27-Feb-2014	Zone 2 - (Fluvial Models)
24E	149.0	S	27-Feb-2014	Zone 2 - (Fluvial Models)
25	149.0	W	27-Feb-2014	Zone 2 - (Fluvial Models)
26E	152.0	S	27-Feb-2014	Zone 2 - (Fluvial Models)
27G	155.0	NE	27-Feb-2014	Zone 2 - (Fluvial / Tidal Models)
28E	167.0	S	27-Feb-2014	Zone 2 - (Tidal Models)
29E	175.0	S	27-Feb-2014	Zone 2 - (Fluvial Models)
30N	176.0	S	27-Feb-2014	Zone 2 - (Fluvial / Tidal Models)
31W	179.0	N	27-Feb-2014	Zone 2 - (Fluvial Models)
32F	184.0	S	27-Feb-2014	Zone 2 - (Fluvial Models)
33F	187.0	S	27-Feb-2014	Zone 2 - (Tidal Models)
34F	190.0	S	27-Feb-2014	Zone 2 - (Tidal Models)
35F	200.0	S	27-Feb-2014	Zone 2 - (Fluvial Models)
36G	211.0	NE	27-Feb-2014	Zone 2 - (Tidal Models)
37I	215.0	S	27-Feb-2014	Zone 2 - (Tidal Models)
38G	215.0	NE	27-Feb-2014	Zone 2 - (Fluvial Models)
39H	224.0	S	27-Feb-2014	Zone 2 - (Fluvial Models)
40	227.0	NE	27-Feb-2014	Zone 2 - (Tidal Models)
41H	230.0	S	27-Feb-2014	Zone 2 - (Fluvial Models)
42H	231.0	S	27-Feb-2014	Zone 2 - (Fluvial Models)
43I	231.0	S	27-Feb-2014	Zone 2 - (Fluvial Models)
44H	232.0	S	27-Feb-2014	Zone 2 - (Fluvial Models)
45H	236.0	S	27-Feb-2014	Zone 2 - (Fluvial Models)
46J	240.0	SW	27-Feb-2014	Zone 2 - (Fluvial Models)
47X	243.0	S	27-Feb-2014	Zone 2 - (Fluvial Models)
48J	244.0	S	27-Feb-2014	Zone 2 - (Fluvial Models)
49J	246.0	SW	27-Feb-2014	Zone 2 - (Fluvial Models)

6.2 Zone 3 Flooding

Zone 3 shows the extent of a river flood with a 1 in 100 (1%) or greater chance of occurring in any year or a sea flood with a 1 in 200 (0.5%) or greater chance of occurring in any year. Any relevant data is represented on Map 1 – Environment Agency Flood Map for Planning.

Is the site within 250m of an Environment Agency Zone 3 floodplain?

Yes

The following floodplain records are represented as blue shading on the Flood Map:

ID	Distance (m)	Direction	Update	Type
90	5.0	E	27-Feb-2014	Zone 3 - (Tidal Models)
91B	101.0	SE	27-Feb-2014	Zone 3 - (Fluvial / Tidal Models)
92	106.0	S	27-Feb-2014	Zone 3 - (Fluvial Models)
93B	112.0	S	27-Feb-2014	Zone 3 - (Tidal Models)
94B	114.0	S	27-Feb-2014	Zone 3 - (Fluvial Models)
95B	116.0	S	27-Feb-2014	Zone 3 - (Tidal Models)
96B	124.0	S	27-Feb-2014	Zone 3 - (Tidal Models)
97B	124.0	S	27-Feb-2014	Zone 3 - (Tidal Models)
98B	142.0	S	27-Feb-2014	Zone 3 - (Tidal Models)
99B	146.0	S	27-Feb-2014	Zone 3 - (Fluvial Models)
100G	157.0	NE	27-Feb-2014	Zone 3 - (Fluvial / Tidal Models)
101V	165.0	NE	27-Feb-2014	Zone 3 - (Fluvial Models)
102	170.0	NE	27-Feb-2014	Zone 3 - (Tidal Models)
103W	182.0	N	27-Feb-2014	Zone 3 - (Fluvial Models)
104X	216.0	S	27-Feb-2014	Zone 3 - (Fluvial / Tidal Models)
105G	216.0	NE	27-Feb-2014	Zone 3 - (Fluvial Models)
106I	230.0	S	27-Feb-2014	Zone 3 - (Fluvial Models)
107	238.0	NE	27-Feb-2014	Zone 3 - (Tidal Models)
108I	242.0	S	27-Feb-2014	Zone 3 - (Fluvial Models)
109L	244.0	S	27-Feb-2014	Zone 3 - (Tidal Models)

6.3 Flood Defences

Are there any Flood Defences within 250m of the study site?

No

Database searched and no data found.

6.4 Areas benefiting from Flood Defences

Are there any areas benefiting from Flood Defences within 250m of the study site?

Yes

6.5 Areas benefiting from Flood Storage

Are there any areas used for Flood Storage within 250m of the study site?

No

6.6 Groundwater Flooding Susceptibility Areas

6.6.1 Are there any British Geological Survey groundwater flooding susceptibility areas within 50m of the boundary of the study site?

Yes

Does this relate to Clearwater Flooding or Superficial Deposits Flooding?

Clearwater Flooding

Notes: Groundwater flooding may either be associated with shallow unconsolidated sedimentary aquifers which overlie unproductive aquifers (Superficial Deposits Flooding), or with unconfined aquifers (Clearwater Flooding).

6.6.2 What is the highest susceptibility to groundwater flooding in the search area based on the underlying geological conditions?

Potential at Surface

Where potential for groundwater flooding to occur at surface is indicated, this means that given the geological conditions in the area groundwater flooding hazard should be considered in all land-use planning decisions. It is recommended that other relevant information e.g. records of previous incidence of groundwater flooding, rainfall, property type, and land drainage information be investigated in order to establish relative, but not absolute, risk of groundwater flooding.

6.7 Groundwater Flooding Confidence Areas

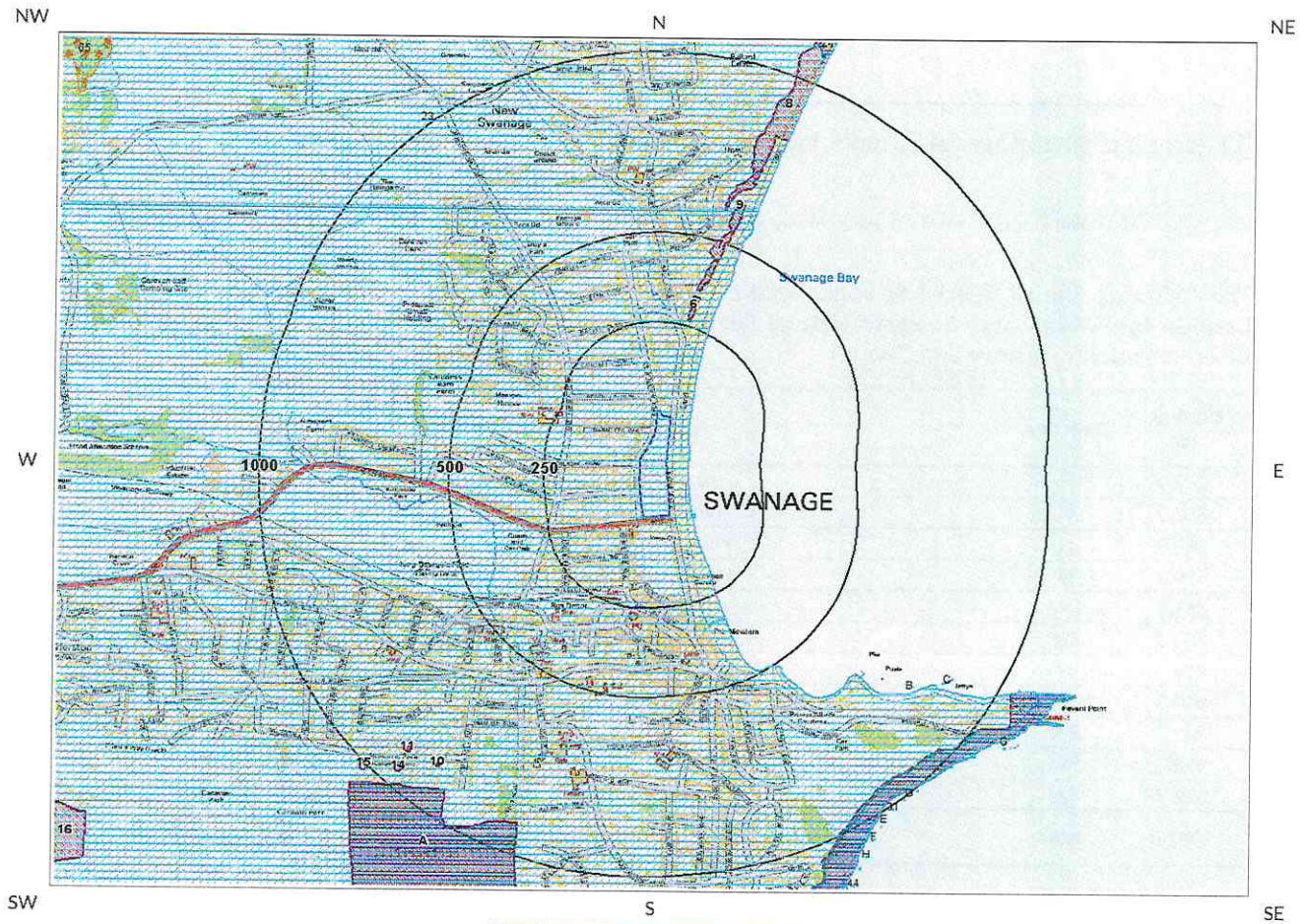
What is the British Geological Survey confidence rating in this result?

Moderate

Notes: Groundwater flooding is defined as the emergence of groundwater at the ground surface or the rising of groundwater into man-made ground under conditions where the normal range of groundwater levels is exceeded.

The confidence rating is on a threefold scale - Low, Moderate and High. This provides a relative indication of the BGS confidence in the accuracy of the susceptibility result for groundwater flooding. This is based on the amount and precision of the information used in the assessment. In areas with a relatively lower level of confidence the susceptibility result should be treated with more caution. In other areas with higher levels of confidence the susceptibility result can be used with more confidence.

7. Designated Environmentally Sensitive Sites Map



Map Legend

Mapping sourced from
 Ordnance Survey

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Site Outline	SAC	SSSI	NNR	World Heritage Sites
Areas of Outstanding Natural Beauty	SPA	Ramsar	LNR	Environmentally Sensitive Areas
	Nitrate Vulnerable Zones	Nitrate Sensitive Areas	National Parks	Ancient Woodlands



7. Designated Environmentally Sensitive Sites

Presence of Designated Environmentally Sensitive Sites within 2000m of the study site?

Yes

7.1 Records of Sites of Special Scientific Interest (SSSI) within 2000m of the study site:

12

The following Site of Special Scientific Interest (SSSI) records provided by Natural England/Countryside Council for Wales and Scottish Natural Heritage are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	SSSI Name	Data Source
6	262.0	N	Purbeck Ridge (East)	Natural England
7	352.0	N	Purbeck Ridge (East)	Natural England
8	586.0	N	Purbeck Ridge (East)	Natural England
9	590.0	N	Purbeck Ridge (East)	Natural England
10	869.0	SW	Townsend	Natural England
11	885.0	SW	Townsend	Natural England
12A	915.0	S	Townsend	Natural England
13	940.0	SE	South Dorset Coast	Natural England
14	940.0	SW	Townsend	Natural England
15	999.0	SW	Townsend	Natural England
16	1680.0	SW	Belle Vue Quarry	Natural England
Not shown	1781.0	NW	Purbeck Ridge (East)	Natural England

7.2 Records of National Nature Reserves (NNR) within 2000m of the study site:

2

The following National Nature Reserve (NNR) records provided by Natural England/Countryside Council for Wales and Scottish Natural Heritage are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	NNR Name	Data Source
Not shown	1122.0	S	Durlston	Natural England
Not shown	1270.0	SW	Durlston	Natural England

7.3 Records of Special Areas of Conservation (SAC) within 2000m of the study site:

5

The following Special Area of Conservation (SAC) records provided by Natural England/Countryside Council for Wales and Scottish Natural Heritage are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	SAC Name	Data Source
1A	915.0	S	St Albans Head to Durlston Head	Natural England
2	940.0	SE	Isle of Portland to Studland Cliffs	Natural England
3	1073.0	NE	Isle of Portland to Studland Cliffs	Natural England
Not shown	1450.0	S	Isle of Portland to Studland Cliffs	Natural England
Not shown	1672.0	S	St Albans Head to Durlston Head	Natural England

7.4 Records of Special Protection Areas (SPA) within 2000m of the study site:

0

Database searched and no data found.

7.5 Records of Ramsar sites within 2000m of the study site:

0

Database searched and no data found.

7.6 Records of Ancient Woodland within 2000m of the study site:

4

The following Ancient Woodland records are supplied by English Nature/Scottish Natural Heritage/Countryside Council for Wales and are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	Ancient Woodland Name	Data Source
65	1743.0	NW	GODLINGSTON WOOD	Ancient and Semi-Natural Woodland
Not shown	1910.0	W	UNKNOWN	Ancient and Semi-Natural Woodland
Not shown	1938.0	W	GREAT LINNINGS COPSE	Ancient and Semi-Natural Woodland
Not shown	1958.0	W	LEESON WOOD	Ancient and Semi-Natural Woodland

7.7 Records of Local Nature Reserves (LNR) within 2000m of the study site:

0

Database searched and no data found.

7.8 Records of World Heritage Sites within 2000m of the study site:

2

The following World Heritage Site records provided by English Heritage and Cadw are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	World Heritage Site Name	Data Source
20	940.0	SE	Dorset and East Devon Coast	English Heritage
21	1072.0	NE	Dorset and East Devon Coast	English Heritage

7.9 Records of Environmentally Sensitive Areas within 2000m of the study site:

0

Database searched and no data found.

7.10 Records of Areas of Outstanding Natural Beauty (AONB) within 2000m of the study site:

43

The following Area of Outstanding Natural Beauty (AONB) records and Scottish National Scenic Area (NSA) records provided by Natural England/Countryside Council for Wales/Scottish Government are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	AONB/NSA Name	Data Source
22	0.0	On Site	Dorset	Natural England
23	558.0	N	Dorset	Natural England
24B	796.0	SE	Dorset	Natural England
25B	796.0	SE	Dorset	Natural England
26B	803.0	SE	Dorset	Natural England
27C	861.0	SE	Dorset	Natural England
28C	877.0	SE	Dorset	Natural England
29D	1005.0	SE	Dorset	Natural England
30D	1006.0	SE	Dorset	Natural England
31	1009.0	SE	Dorset	Natural England
32D	1010.0	SE	Dorset	Natural England
33E	1026.0	SE	Dorset	Natural England
34E	1033.0	SE	Dorset	Natural England
35F	1053.0	SE	Dorset	Natural England
36F	1053.0	SE	Dorset	Natural England
37H	1084.0	SE	Dorset	Natural England

ID	Distance (m)	Direction	AONB/NSA Name	Data Source
38G	1087.0	SE	Dorset	Natural England
39G	1097.0	SE	Dorset	Natural England
40H	1105.0	SE	Dorset	Natural England
41G	1110.0	SE	Dorset	Natural England
42G	1120.0	SE	Dorset	Natural England
43G	1121.0	SE	Dorset	Natural England
44	1141.0	SE	Dorset	Natural England
Not shown	1192.0	SE	Dorset	Natural England
Not shown	1257.0	S	Dorset	Natural England
Not shown	1261.0	S	Dorset	Natural England
Not shown	1400.0	S	Dorset	Natural England
Not shown	1429.0	S	Dorset	Natural England
Not shown	1481.0	S	Dorset	Natural England
Not shown	1503.0	S	Dorset	Natural England
Not shown	1519.0	S	Dorset	Natural England
Not shown	1524.0	S	Dorset	Natural England
Not shown	1752.0	S	Dorset	Natural England
Not shown	1774.0	S	Dorset	Natural England
Not shown	1791.0	S	Dorset	Natural England
Not shown	1808.0	S	Dorset	Natural England
Not shown	1915.0	S	Dorset	Natural England
Not shown	1921.0	S	Dorset	Natural England
Not shown	1927.0	S	Dorset	Natural England
Not shown	1933.0	S	Dorset	Natural England
Not shown	1936.0	S	Dorset	Natural England
Not shown	1945.0	S	Dorset	Natural England
Not shown	1948.0	S	Dorset	Natural England

7.11 Records of National Parks (NP) within 2000m of the study site:

0

Database searched and no data found.

7.12 Records of Nitrate Sensitive Areas within 2000m of the study site:

0

Database searched and no data found.

7.13 Records of Nitrate Vulnerable Zones within 2000m of the study site:

0

Database searched and no data found.



8. Natural Hazards Findings

8.1 Detailed BGS GeoSure Data

BGS GeoSure Data has been searched to 50m. The data is included in tabular format. If you require further information on geology and ground stability, please obtain a GroundSure GeolInsight, available from our website. The following information has been found:

8.1.1 Shrink Swell

What is the maximum Shrink-Swell** hazard rating identified on the study site?

Very Low

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard

Ground conditions predominantly low plasticity. No special actions required to avoid problems due to shrink-swell clays. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with shrink-swell clays.

8.1.2 Landslides

What is the maximum Landslide* hazard rating identified on the study site?

Moderate

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard

Significant potential for slope instability with relatively small changes in ground conditions. Avoid large amounts of water entering the ground through pipe leakage or soak-aways. Do not undercut or place large amounts of material on slopes without technical advice. For new build – consider the potential and consequences of ground movement during excavations, or consequence of changes to loading or drainage. For existing property – probable increase in insurance risk is likely due to potential natural slope instability after changes to ground conditions such as a very long, excessively wet winter.

* This indicates an automatically generated 50m buffer and site.

8.1.3 Soluble Rocks

What is the maximum Soluble Rocks* hazard rating identified on the study site?

Null - Negligible

Soluble rocks are not present in the search area. No special actions required to avoid problems due to soluble rocks. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with soluble rocks.

8.1.4 Compressible Ground

What is the maximum Compressible Ground* hazard rating identified on the study site?

Negligible

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard

No indicators for compressible deposits identified. No special actions required to avoid problems due to compressible deposits. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with compressible deposits.

8.1.5 Collapsible Rocks

What is the maximum Collapsible Rocks* hazard rating identified on the study site?

Very Low

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard

Deposits with potential to collapse when loaded and saturated are unlikely to be present. No special ground investigation required or increased construction costs or increased financial risk due to potential problems with collapsible deposits.

8.1.6 Running Sand

What is the maximum Running Sand* hazard rating identified on the study site?

High

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard

Very significant potential for running sand problems. Avoid large amounts of water entering the ground, for example through pipe leakage or soak-aways. Do not dig (deep) holes into saturated ground without technical advice. For new build consider the consequences of soil and groundwater conditions during and after construction. Possible extra cost during construction. For existing property possible increase in insurance risk from running sand, for instance ions due to water leakage, high rainfall events or flooding.

* This indicates an automatically generated 50m buffer and site.



9. Mining

9.1 Coal Mining

Are there any coal mining areas within 75m of the study site?

No

Database searched and no data found.

9.2 Shallow Mining

What is the subsidence hazard relating to shallow mining on-site*?

Low

*Please note this data is searched with a 150m buffer.

9.3 Brine Affected Areas

Are there any brine affected areas within 75m of the study site?

No

Guidance: No Guidance Required.

Contact Details

EmapSite
Telephone: 0118 9736883
sales@emapsite.com

emapsite™

British Geological Survey Enquiries

Kingsley Dunham Centre
Keyworth, Nottingham NG12 5GG
Tel: 0115 936 3143.
Fax: 0115 936 3276.
Email: enquiries@bgs.ac.uk
Web: www.bgs.ac.uk

BGS Geological Hazards Reports and general geological enquiries



**British
Geological Survey**
NATURAL ENVIRONMENT RESEARCH COUNCIL

Environment Agency

National Customer Contact Centre, PO Box 544
Rotherham, S60 1BY
Tel: 08708 506 506
Web: www.environment-agency.gov.uk
Email: enquiries@environment-agency.gov.uk



**Environment
Agency**

Public Health England

Public information access office
Public Health England, Wellington House
133-155 Waterloo Road, London, SE1 8UG
<https://www.gov.uk/government/organisations/public-health-england>
Email: enquiries@phe.gov.uk
Main switchboard: 020 7654 8000



**Public Health
England**

The Coal Authority

200 Lichfield Lane
Mansfield
Notts NG18 4RG
Tel: 0345 7626 848
DX 716176 Mansfield 5
www.coal.gov.uk



**The Coal
Authority**

Ordnance Survey

Adanac Drive, Southampton
SO16 0AS
Tel: 08456 050505



Local Authority

Authority: Purbeck District Council
Phone: 01929 556 561
Web: www.purbeck.gov.uk

Address: Westport House, Worgret Road, Wareham, Dorset, BH20 4PP

Gemapping PLC

Virginia Villas, High Street, Hartley Witney,
Hampshire RG27 8NW
Tel: 01252 845444



Acknowledgements: Site of Special Scientific Interest, National Nature Reserve, Ramsar Site, Special Protection Area, Special Area of Conservation data is provided by, and used with the permission of, English Nature who retain the Copyright and Intellectual Property Rights for the data. PointX © Database Right/Copyright, Thomson Directories Limited © Copyright Link Interchange Network Limited © Database Right/Copyright and Ordnance Survey © Crown Copyright and/or Database Right. All Rights Reserved. Licence Number [03421028].
This report has been prepared in accordance with the GroundSure Ltd standard Terms and Conditions of business for work of this nature.

Standard Terms and Conditions

1 Definitions

In these terms and conditions unless the context otherwise requires:

"Beneficiary" means the person or entity for whose benefit the Client has obtained the Services.

"Client" means the party or parties entering into a Contract with GroundSure.

"Commercial" means any building or property which is not Residential.

"Confidential Information" means the contents of this Contract and all information received from the Client as a result of, or in connection with, this Contract other than

(i) information which the Client can prove was rightfully in its possession prior to disclosure by GroundSure and

(ii) any information which is in the public domain (other than by virtue of a breach of this Contract).

"Support Services" means Support Services provided by GroundSure including, without limitation, interpreting third party and in-house environmental data, providing environmental support advice, undertaking environmental audits and assessments, Site investigation, Site monitoring and related items.

"Contract" means the contract between GroundSure and the Client for the provision of the Services, and which shall incorporate these terms and conditions, the Order, and the relevant User Guide.

"Third Party Data Provider" means any third party providing Third Party Content to GroundSure.

"Data Reports" means reports comprising factual data with no accompanying interpretation.

"Fees" has the meaning set out in clause 5.1.

"GroundSure" means GroundSure Limited, a company registered in England and Wales under number 03421028.

"GroundSure Materials" means all materials prepared by GroundSure and provided as part of the Services, including but not limited to Third Party Content, Data Reports, Mapping, and Risk Screening Reports.

"Intellectual Property" means any patent, copyright, design rights, trade or service mark, moral rights, data protection rights, know-how or trade mark in each case whether registered or not and including applications for the same or any other rights of a similar nature anywhere in the world.

"Mapping" means a map, map data or a combination of historical maps of various ages, time periods and scales.

"Order" means an electronic, written or other order form submitted by the Client requesting Services from GroundSure in respect of a specified Site.

"Ordnance Survey" means the Secretary of State for Business, Innovation and Skills, acting through Ordnance Survey, Adanac Drive, Southampton, SO16 0AS, UK.

"Order Website" means the online platform through which Orders may be placed by the Client and accepted by GroundSure.

"Report" means a Risk Screening Report or Data Report for Commercial or Residential property.

"Residential" means any building or property used as or intended to be used as a single dwelling.

"Risk Screening Report" means a risk screening report comprising factual data with an accompanying interpretation by GroundSure.

"Services" means any Report, Mapping and/or Support Services which GroundSure has agreed to provide by accepting an Order pursuant to clause 2.6.

"Site" means the area of land in respect of which the Client has requested GroundSure to provide the Services.

"Third Party Content" means data, database information or other information which is provided to GroundSure by a Third Party Data Provider.

"User Guide" means the user guide, as amended from time to time, available upon request from GroundSure and on the website (www.GroundSure.com) and forming part of this Contract.

2 Scope of Services, terms and conditions, requests for insurance and quotations

2.1 GroundSure agrees to provide the Services in accordance with the Contract.

2.2 GroundSure shall exercise reasonable skill and care in the provision of the Services.

2.3 Subject to clause 7.3 the Client acknowledges that it has not relied on any statement or representation made by or on behalf of GroundSure which is not set out and expressly agreed in writing in the Contract and all such statements and representations are hereby excluded to the fullest extent permitted by law.

2.4 The Client acknowledges that terms and conditions appearing on a Client's order form, printed stationery or other communication, or any terms or conditions

implied by custom, practice or course of dealing shall be of no effect, and that this Contract shall prevail over all others in relation to the Order.

2.5 If the Client or Beneficiary requests insurance in conjunction with or as a result of the Services, GroundSure shall use reasonable endeavours to recommend such insurance, but makes no warranty that such insurance shall be available from insurers or that it will be offered on reasonable terms. Any insurance purchased by the Client or Beneficiary shall be subject solely to the terms of the policy issued by insurers and GroundSure will have no liability therefor. In addition you acknowledge and agree that GroundSure does not act as an agent or broker for any insurance providers. The Client should take (and ensure that the Beneficiary takes) independent advice to ensure that the insurance policy requested or offered is suitable for its requirements.

2.6 GroundSure's quotations or proposals are valid for a period of 30 days only unless an alternative period of time is explicitly stipulated by GroundSure. GroundSure reserves the right to withdraw any quotation or proposal at any time before an Order is accepted by GroundSure. GroundSure's acceptance of an Order shall be binding only when made in writing and signed by GroundSure's authorised representative or when accepted through the Order Website.

3 The Client's obligations

3.1 The Client shall comply with the terms of this Contract and

(i) procure that the Beneficiary or any third party relying on the Services complies with and acts as if it is bound by the Contract and

(ii) be liable to GroundSure for the acts and omissions of the Beneficiary or any third party relying on the Services as if such acts and omissions were those of the Client.

3.2 The Client shall be solely responsible for ensuring that the Services are appropriate and suitable for its and/or the Beneficiary's needs.

3.3 The Client shall supply to GroundSure as soon as practicable and without charge all requisite information (and the Client warrants that such information is accurate, complete and appropriate), including without limitation any environmental information relating to the Site and shall give such assistance as GroundSure shall reasonably require in the provision of the Services including, without limitation, access to the Site, facilities and equipment.

3.4 Where the Client's approval or decision is required to enable GroundSure to carry out work in order to provide the Services, such approval or decision shall be given or procured in reasonable time and so as not to delay or disrupt the performance of the Services.

3.5 Save as expressly permitted by this Contract the Client shall not, and shall procure that the Beneficiary shall not, re-sell, alter, add to, or amend the GroundSure Materials, or use the GroundSure Materials in a manner for which they were not intended. The Client may make the GroundSure Materials available to a third party who is considering acquiring some or all of, or providing funding in relation to, the Site, but such third party cannot rely on the same unless expressly permitted under clause 4.

3.6 The Client is responsible for maintaining the confidentiality of its user name and password if using the Order Website and the Client acknowledges that GroundSure accepts no liability of any kind for any loss or damage suffered by the Client as a consequence of using the Order Website.

4 Reliance

4.1 The Client acknowledges that the Services provided by GroundSure consist of the presentation and analysis of Third Party Content and other content and that information obtained from a Third Party Data Provider cannot be guaranteed or warranted by GroundSure to be reliable.

4.2 In respect of Data Reports, Mapping and Risk Screening Reports, the following classes of person and no other are entitled to rely on their contents;

- (i) the Beneficiary,
- (ii) the Beneficiary's professional advisers, (iii) any person providing funding to the Beneficiary in relation to the Site (whether directly or as part of a lending syndicate),
- (iv) the first purchaser or first tenant of the Site, and
- (v) the professional advisers and lenders of the first purchaser or tenant of the Site.

4.3 In respect of Support Services, only the Client, Beneficiary and parties expressly named in a Report and no other parties are entitled to rely on its contents.

4.4 Save as set out in clauses 4.2 and 4.3 and unless otherwise expressly agreed in writing, no other person or entity of any kind is entitled to rely on any Services or Report issued or provided by GroundSure. Any party considering such Reports and Services does so at their own risk.

5 Fees and Disbursements

5.1 GroundSure shall charge and the Client shall pay fees at the rate and frequency specified in the written proposal, Order Website or Order acknowledgement form, plus (in the case of Support Services) all proper disbursements incurred by GroundSure. The Client shall in addition pay all value added tax or other tax payable on such fees and disbursements in relation to the provision of the Services (together "Fees").

5.2 The Client shall pay all outstanding Fees to GroundSure in full without deduction, counterclaim or set off within 30 days of the date of GroundSure's invoice or such other period as may be agreed in writing between GroundSure and the Client ("Payment Date"). Interest on late payments will accrue on a daily basis from the Payment Date until the date of payment (whether before or after judgment) at the rate of 8% per annum.

5.3 The Client shall be deemed to have agreed the amount of any invoice unless an objection is made in writing within 28 days of the date of the invoice. As soon as reasonably practicable after being notified of an objection, without prejudice to clause 5.2 a member of GroundSure's management team will contact the Client and the parties shall then use all reasonable endeavours to resolve the dispute within 15 days.

6 Intellectual Property and Confidentiality

6.1 Subject to

(i) full payment of all relevant Fees and

(ii) compliance with this Contract, the Client is granted (and is permitted to sub-licence to the Beneficiary) a royalty-free, worldwide, non-assignable and (save to the extent set out in this Contract) non-transferable licence to make use of the GroundSure Materials.

6.2 All Intellectual Property in the GroundSure Materials are and shall remain owned by GroundSure or GroundSure's licensors (including without limitation the Third Party Data Providers) the Client acknowledges, and shall procure acknowledgement by the Beneficiary of, such ownership. Nothing in this Contract purports to transfer or assign any rights to the Client or the Beneficiary in respect of such Intellectual Property.

6.3 Third Party Data Providers may enforce any breach of clauses 6.1 and 6.2 against the Client or Beneficiary.

6.4 The Client shall, and shall procure that any recipients of the GroundSure Materials shall:

(i) not remove, suppress or modify any trade mark, copyright or other proprietary marking belonging to GroundSure or any third party from the Services;

(ii) use the information obtained as part of the Services in respect of the subject Site only, and shall not store or reuse any information obtained as part of the Services provided in respect of adjacent or nearby sites;

(iii) not create any product or report which is derived directly or indirectly from the Services (save that those acting in a professional capacity to the Beneficiary may provide advice based upon the Services);

(iv) not combine the Services with or incorporate such Services into any other information data or service;

(v) not reformat or otherwise change (whether by modification, addition or enhancement), the Services (save that those acting for the Beneficiary in a professional capacity shall not be in breach of this clause 6.4(v) where such reformatting is in the normal course of providing advice based upon the Services);

(vi) where a Report and/or Mapping contains material belonging to Ordnance Survey, acknowledge and agree that such content is protected by Crown Copyright and shall not use such content for any purpose outside of receiving the Services; and

(vii) not copy in whole or in part by any means any map prints or run-on copies containing content belonging to Ordnance Survey (other than that contained within Ordnance Survey's OS Street Map) without first being in possession of a valid Paper Map Copying Licence from Ordnance Survey,

6.5 Notwithstanding clause 6.4, the Client may make reasonable use of the GroundSure Materials in order to advise the Beneficiary in a professional capacity. However, GroundSure shall have no liability in respect of any advice, opinion or report given or provided to Beneficiaries by the Client.

6.6 The Client shall procure that any person to whom the Services are made available shall notify GroundSure of any request or requirement to disclose, publish or disseminate any information contained in the Services in accordance with the Freedom of Information Act 2000, the Environmental Information Regulations 2004 or any associated legislation or regulations in force from time to time.

7. Liability: Particular Attention Should Be Paid To This Clause

7.1 This Clause 7 sets out the entire liability of GroundSure, including any liability for the acts or omissions of its employees, agents, consultants, subcontractors and Third Party Content, in respect of:

(i) any breach of contract, including any deliberate breach of the Contract by GroundSure or its employees, agents or subcontractors;

(ii) any use made of the Reports, Services, Materials or any part of them; and

(iii) any representation, statement or tortious act or omission (including negligence) arising under or in connection with the Contract.

7.2 All warranties, conditions and other terms implied by statute or common law are, to the fullest extent permitted by law, excluded from the Contract.

7.3 Nothing in the Contract limits or excludes the liability of the Supplier for death

or personal injury resulting from negligence, or for any damage or liability incurred by the Client or Beneficiary as a result of fraud or fraudulent misrepresentation.

7.4 GroundSure shall not be liable for

- (i) loss of profits;
- (ii) loss of business;
- (iii) depletion of goodwill and/or similar losses;
- (iv) loss of anticipated savings;
- (v) loss of goods;
- (vi) loss of contract;
- (vii) loss of use;
- (viii) loss or corruption of data or information;
- (ix) business interruption;
- (x) any kind of special, indirect, consequential or pure economic loss, costs, damages, charges or expenses;

(xi) loss or damage that arise as a result of the use of all or part of the GroundSure Materials in breach of the Contract;

(xii) loss or damage arising as a result of any error, omission or inaccuracy in any part of the GroundSure Materials where such error, omission or inaccuracy is caused by any Third Party Content or any reasonable interpretation of Third Party Content;

(xiii) loss or damage to a computer, software, modem, telephone or other property; and

(xiv) loss or damage caused by a delay or loss of use of GroundSure's internet ordering service.

7.5 GroundSure's total liability in relation to or under the Contract shall be limited to £10 million for any claim or claims.

7.6 GroundSure shall procure that the Beneficiary shall be bound by limitations and exclusions of liability in favour of GroundSure which accord with those detailed in clauses 7.4 and 7.5 (subject to clause 7.3) in respect of all claims which the Beneficiary may bring against GroundSure in relation to the Services or other matters arising pursuant to the Contract.

8 GroundSure's right to suspend or terminate

8.1 If GroundSure reasonably believes that the Client or Beneficiary has not provided the information or assistance required to enable the proper provision of the Services, GroundSure shall be entitled to suspend all further performance of the Services until such time as any such deficiency has been made good.

8.2 GroundSure shall be entitled to terminate the Contract immediately on written notice in the event that:

(i) the Client fails to pay any sum due to GroundSure within 30 days of the Payment Date; or

(ii) the Client (being an individual) has a bankruptcy order made against him or (being a company) shall enter into liquidation whether compulsory or voluntary or have an administration order made against it or if a receiver shall be appointed over the whole or any part of its property assets or undertaking or if the Client is struck off the Register of Companies or dissolved; or

(iii) the Client being a company is unable to pay its debts within the meaning of Section 123 of the Insolvency Act 1986 or being an individual appears unable to pay his debts within the meaning of Section 268 of the Insolvency Act 1986 or if the Client shall enter into a composition or arrangement with the Client's creditors or shall suffer distress or execution to be levied on his goods; or

(iv) the Client or the Beneficiary breaches any term of the Contract (including, but not limited to, the obligations in clause 4) which is incapable of remedy or if remediable, is not remedied within five days of notice of the breach.

9. Client's Right to Terminate and Suspend

9.1 Subject to clause 10.1, the Client may at any time upon written notice terminate or suspend the provision of all or any of the Services.

9.2 In any event, where the Client is a consumer (and not a business) he/she hereby expressly acknowledges and agrees that:

(i) the supply of Services under this Contract (and therefore the performance of this Contract) commences immediately upon GroundSure's acceptance of the Order; and

(ii) the Reports and/or Mapping provided under this Contract are:
(a) supplied to the Client's specification(s) and in any event
(b) by their nature cannot be returned.

10 Consequences of Withdrawal, Termination or Suspension

10.1 Upon termination of the Contract:

(i) GroundSure shall take steps to bring to an end the Services in an orderly manner, vacate any Site with all reasonable speed and shall deliver to the Client and/or Beneficiary any property of the Client and/or Beneficiary in

GroundSure's possession or control; and

(ii) the Client shall pay to GroundSure all and any Fees payable in respect of the performance of the Services up to the date of termination or suspension. In respect of any Support Services provided, the Client shall also pay GroundSure any additional costs incurred in relation to the termination or suspension of the Contract.

11 Anti-Bribery

11.1 The Client warrants that it shall:

(i) comply with all applicable laws, statutes and regulations relating to anti-bribery and anti-corruption including but not limited to the Bribery Act 2010;

(ii) comply with such of GroundSure's anti-bribery and anti-corruption policies as are notified to the Client from time to time; and

(iii) promptly report to GroundSure any request or demand for any undue financial or other advantage of any kind received by or on behalf of the Client in connection with the performance of this Contract.

11.2 Breach of this Clause 11 shall be deemed a material breach of this Contract.

12 General

12.1 The Mapping contained in the Services is protected by Crown copyright and must not be used for any purpose other than as part of the Services or as specifically provided in the Contract.

12.2 The Client shall be permitted to make one copy only of each Report or Mapping Order. Thereafter the Client shall be entitled to make unlimited copies of the Report or Mapping Order only in accordance with an Ordnance Survey paper map copy license available through GroundSure.

12.3 GroundSure reserves the right to amend or vary this Contract. No amendment or variation to this Contract shall be valid unless signed by an authorised representative of GroundSure.

12.4 No failure on the part of GroundSure to exercise, and no delay in exercising, any right, power or provision under this Contract shall operate as a waiver thereof.

12.5 Save as expressly provided in this Contract, no person other than the persons set out therein shall have any right under the Contract (Rights of Third Parties) Act 1999 to enforce any terms of the Contract.

12.6 The Secretary of State for Business, Innovation and Skills ("BIS") or BIS' successor body, as the case may be, acting through Ordnance Survey may enforce a breach of clause 6.4(vi) and clause 6.4(vii) of these terms and conditions against the Client in accordance with the provisions of the Contracts (Rights of Third Parties) Act 1999.

12.7 GroundSure shall not be liable to the Client if the provision of the Services is delayed or prevented by one or more of the following circumstances:

- (i) the Client or Beneficiary's failure to provide facilities, access or information;
- (ii) fire, storm, flood, tempest or epidemic;
- (iii) Acts of God or the public enemy;
- (iv) riot, civil commotion or war;
- (v) strikes, labour disputes or industrial action;
- (vi) acts or regulations of any governmental or other agency;
- (vii) suspension or delay of services at public registries by Third Party Data Providers;
- (viii) changes in law; or
- (ix) any other reason beyond GroundSure's reasonable control.

In the event that GroundSure is prevented from performing the Services (or any part thereof) in accordance with this clause 12.6 for a period of not less than 30 days then GroundSure shall be entitled to terminate this Contract immediately on written notice to the Client.

12.8 Any notice provided shall be in writing and shall be deemed to be properly given if delivered by hand or sent by first class post, facsimile or by email to the address, facsimile number or email address of the relevant party as may have been notified by each party to the other for such purpose or in the absence of such notification the last known address.

12.9 Such notice shall be deemed to have been received on the day of delivery if delivered by hand, facsimile or email (save to the extent such day is not a working day where it shall be deemed to have been delivered on the next working day) and on the second working day after the day of posting if sent by first class post.

12.10 The Contract constitutes the entire agreement between the parties and shall supersede all previous arrangements between the parties relating to the subject matter hereof.

12.11 Each of the provisions of the Contract is severable and distinct from the others and if one or more provisions is or should become invalid, illegal or unenforceable, the validity and enforceability of the remaining provisions shall not in any way be tainted or impaired.

12.12 This Contract shall be governed by and construed in accordance with English

law and any proceedings arising out of or connected with this Contract shall be subject to the exclusive jurisdiction of the English courts.

12.13 GroundSure is an executive member of the Council of Property Search Organisation (CoPSO) and has signed up to the Search Code administered by the Property Codes Compliance Board (PCCB). All Risk Screening Reports shall be supplied in accordance with the provisions of the Search Code.

12.14 If the Client or Beneficiary has a complaint about the Services, written notice should be given to the Compliance Officer at GroundSure who will respond in a timely manner.

12.15 The Client agrees that it shall, and shall procure that each Beneficiary shall, treat in confidence all Confidential Information and shall not, and shall procure that each Beneficiary shall not (i) disclose any Confidential Information to any third party other than in accordance with the terms of this Contract; and (ii) use Confidential Information for a purpose other than the exercise of its rights and obligations under this Contract. Subject to clause 6.6, nothing shall prevent the Client or any Beneficiary from disclosing Confidential Information to the extent required by law. © GroundSure Limited June 2013

Appendix D

Window Sample and Dynamic Probe Data

KEY TO EXPLORATORY HOLE LOGS

SAMPLING

Undisturbed

U	Driven tube sample (Blow count recorded in results column i.e. U = 20)
TW	Pushed thin wall tube sample
P	Pushed piston sample
L	Liner sample
CBR	CBR mould sample
BLK	Block sample
WS	Window sample
CS	Core sample

Disturbed

D	Small sample
B	Bulk sample

Other

W	Water sample
G	Gas sample
ES	Soil sample for environmental analysis
EW	Water sample for environmental analysis

IN-SITU TESTING

SPT S or SPT C	Standard Penetration Test, open shoe (S) or solid cone (C)
----------------	--

As defined in BS 1377 : Part 9 (1990). Standard Penetration Test (SPT): a 50mm split spoon or solid cone sampler is driven 450mm into the base of the borehole using a 63.5 kg hammer with a 760mm drop. The penetration resistance (e.g. 21) is expressed as the N-value, and represents the number of blows required to obtain 300mm penetration below an initial seating drive of 150mm.

The depth on the borehole/ trial pit record is that of the start and end of the test. Where full penetration for the test has not been achieved, the final penetration depth is recorded.



IVN (kPa)	In-situ Hand Vane shear strength: a hand shear vane test (or average of a series), conducted on undisturbed samples or within trial pits.
GIVN (kPa)	Geonor in-situ vane shear strength carried out in base of borehole or self bored hole
VN (kPa)	Hand Vane shear strength, conducted on disturbed or remoulded samples.
PP (kg/cm ²)	Pocket penetrometer test: a pocket Penetrometer reading (or average of a series). If reported in kPa, the value has been converted to an equivalent undrained shear strength.
Ik	In situ permeability test
ICBR	In-situ CBR test
IPBT	In-situ plate bearing test
IPST	In-situ plate settlement test

All test results are provided in Results column

DRILLING RECORDS

TCR	Total Core Recovery %
SCR	Solid Core Recovery %
RQD	Rock Quality Designation %
FI	Fracture Spacing mm. Minimum, typical and maximum spacings are recorded.

GROUNDWATER

-  Groundwater Strike
 Groundwater level after standing time

INSTALLATION

Standpipe/ piezometer

Details of standpipe/piezometer installations are given on the left side of the log. The column shows installed instrument depths including slotted pipe section or tip depth, response zone filter material type and layers of backfill.

SP	Standpipe
SPIE	Standpipe piezometer
PPIE	Pneumatic piezometer
EPIE	Electronic piezometer

NOTES

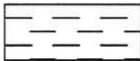

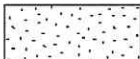
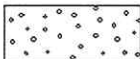
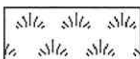
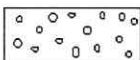
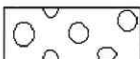


Water level observations of discernible entries during the advancing of the exploratory hole are given at the foot of the log and in the Legend column. The term "none observed" is used where no discrete entries are identified although this does not necessarily indicate that the hole has not been advanced below groundwater level. Under certain conditions groundwater cannot be observed, for instance, drilling with water flush or over water, or boring at a rate much faster than water can make its way into the borehole.

The declination of bedding and joints is given with respect to the normal to the core axis. Thus in a vertical borehole this will be the dip.



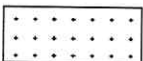
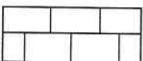
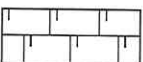

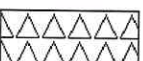
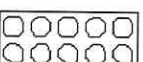
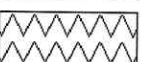
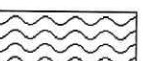
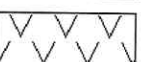
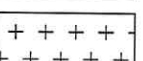
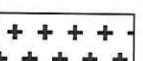
Remarks on chiselling times can be affected by a variety of factors not always related to the geotechnical properties of the strata. Chiselling records are given at the foot of the log.

The assessment of SCR, RQD and Fracture Spacing excludes artificial fractures.



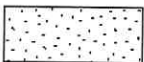

KEY TO SOIL LEGENDS

	CLAY
	SILT
	SAND
	GRAVEL
	PEAT
	COBBLES
	BOULDERS
	TOPSOIL
	MADE GROUND

KEY TO ROCK LEGENDS

	MUDSTONE
	SILTSTONE
	SANDSTONE
	LIMESTONE
	CHALK
	COAL
	BRECCIA
	CONGLOMERATE
	FINE GRAINED METAMORPHIC
	MEDIUM/COARSE GRAINED METAMORPHIC
	FINE GRAINED IGNEOUS
	MEDIUM GRAINED IGNEOUS
	COARSE GRAINED IGNEOUS

KEY TO BACKFILL LEGENDS

	BENTONITE
	ARISINGS
	SAND
	GRAVEL

REFERENCES

BS 1377 : 1990 : British Standard Methods of test for soils for civil engineering purposes. British Standards Institution.

BS 5930 : 1999 : Code of practice for site investigations. British Standards Institution.



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Borehole No

WS1

Sheet 1 of 1

Project Name
Swanage Sea Front

Project No.
5951

Co-ords: -

Hole Type
WS

Location: Dorset

Level: -

Scale
1:25

Client: Design Base

Dates: 19/03/2014

Logged By
NW

Well	Water Strikes	Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.22			TOPSOIL - Grass over soft brown sandy clayey SILT with roots and rootlets.	
								Soft light brown very sandy silty CLAY with occasional small pockets of black weakly cemented sand. IVN @ 0.5m = 11 kPa	
		1.00 1.00	SPT D	N=1 (0,0,0,1,0,0)	1.00			Firm becoming stiff tan / light brown mottled red and light grey silty CLAY. Becomes friable 2.6 - 3.0m. Lithorelict structure and roots visible. IVN @ 1.0m = 20 kPa IVN @ 1.5m = 36 kPa	1
		2.00 2.00	SPT D	N=4 (0,0,1,1,1,1)				IVN @ 2.0m = 60 kPa IVN @ 2.5m = 80 kPa	2
		3.00 3.00	SPT D	N=20 (2,2,4,4,5,7)	3.00			Stiff becoming very stiff cream / light grey mottled purple and brown silty CLAY. Blocky lithorelict structure.	3
		4.00 4.00	SPT D	N=21 (3,2,4,4,6,7)				IVN @ 4.5m = 90 kPa	4
			Type	Results				End of Borehole at 5.00 m	

Remarks:

1. Borehole backfilled with arisings.
2. Groundwater not encountered.
3. SPTs carried out at metre centres.
4. Dynamic Probe DP01 carried out adjacent to borehole.

