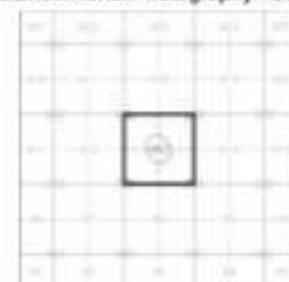




Historical Aerial Photography Published 1999

This aerial photography was produced by Ordnance Survey. Three vertical aerial photographs provide a seamless, full colour survey of the whole of Grid A13.

Historical Aerial Photography - Segment A13

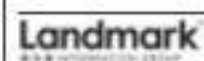


Order Details

Order Number: 232050150_1_1
Customer Ref: 18189
National Grid Reference: 460000, 107620
Sheet: A
Site Area (Ha): 0.08
Search Buffer (m): 100

Site Details

Garages, Wilforden Close, Havant, PO9 3QP



Tel: 0844 801 9400
Fax: 0844 801 9401
Email: enquiries@landmark.co.uk

Appendix C Landmark Envirocheck Report

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

232859159_1_1

Customer Reference:

18189

National Grid Reference:

469800, 107620

Slice:

A

Site Area (Ha):

0.08

Search Buffer (m):

1000

Site Details:

Garages

Willowdene Close

Havant

PO9 3QP

Client Details:

Mr N Lambert

Soils Ltd

Newton House

Cross Road

Tadworth

Surrey

KT20 5SR

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	16
Hazardous Substances	-
Geological	17
Industrial Land Use	19
Sensitive Land Use	27
Data Currency	29
Data Suppliers	35
Useful Contacts	36

Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination. For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client. In this datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1			3	1
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 2		1	1	1
Local Authority Pollution Prevention and Control Enforcements	pg 3			1	1
Nearest Surface Water Feature	pg 3			Yes	
Pollution Incidents to Controlled Waters	pg 3		1	1	9
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 5				1
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 5		1		
Water Abstractions	pg 5				(*9)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 8	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 8	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 8	Yes	n/a	n/a	n/a
Source Protection Zones	pg 8	1			1
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 8			11	50

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 16			1	
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 16	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 16				2
Potentially Infilled Land (Water)	pg 16	1	1	1	4
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 17	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 17	Yes		Yes	Yes
BGS Recorded Mineral Sites	pg 17				1
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 17	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 18	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 18	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 18	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 19		8	6	20
Fuel Station Entries	pg 21	1	1		1
Points of Interest - Commercial Services	pg 22		4	1	10
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 23		2	3	
Points of Interest - Public Infrastructure	pg 23		3		10
Points of Interest - Recreational and Environmental	pg 25			3	10
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 27			3	12
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 28	1			
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (NE)	0	1	469804 107623
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	18	1	469850 107600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	44	1	469750 107600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	155	1	469650 107550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (E)	166	1	470000 107623
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (E)	166	1	470000 107600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (W)	186	1	469600 107600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	224	1	469600 107500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (W)	330	1	469450 107650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (W)	330	1	469450 107623
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	356	1	469550 107350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	383	1	469400 107600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NW (S)	394	1	469750 107200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (SW)	401	1	469600 107250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	405	1	469700 107200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (W)	433	1	469350 107600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	441	1	469350 107550
1	Discharge Consents Operator: B & Q Plc Property Type: WHOLESALE TRADE (NOT MOTOR VEHICLES) Location: Site At Purbrook Way, Hubert Rd, Havant, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: N01079 Permit Version: 2 Effective Date: 28th September 2000 Issued Date: 28th September 2000 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	374	2	469550 107950

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents Operator: B & Q Plc Property Type: WHOLESALE TRADE (NOT MOTOR VEHICLES) Location: Site At Purbrook Way, Hubert Rd, Havant, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: N01079 Permit Version: 1 Effective Date: 15th November 1984 Issued Date: 15th November 1984 Revocation Date: 28th September 2000 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	374	2	469550 107950
2	Discharge Consents Operator: Havant & Waterloo U.D.C. Property Type: WTW/WATER COLLECTION/TREATMENT/SUPPLY Location: Bedhampton Storm Water Overflows, Storm Water Overflows, Bedhampton, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: H01485 Permit Version: 1 Effective Date: 12th October 1962 Issued Date: 12th October 1962 Revocation Date: 31st March 1997 Discharge Type: Unknown Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	488	2	470170 107250
3	Discharge Consents Operator: Dr F A Stowell Property Type: Undefined Or Other Location: Hulbert Road, Bedhampton Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: H01000 Permit Version: 1 Effective Date: 13th April 1962 Issued Date: 13th April 1962 Revocation Date: 31st March 1997 Discharge Type: Non Water Company (Private) Sewage Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 10m	A8NE (S)	577	2	470000 107040
4	Local Authority Pollution Prevention and Controls Name: Little Park Service Station Location: Hulbert Road, BEDHAMPTON, Hampshire, PO9 Authority: Havant Borough Council, Environmental Health Department Permit Reference: 23 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorisation has varied Positional Accuracy: Manually positioned to the road within the address or location	A13NE (E)	34	3	469858 107632
5	Local Authority Pollution Prevention and Controls Name: Asda Stores Ltd Plc Location: Larchwood Avenue, Purbrook Way, Bedhampton, HAVANT, Hampshire, PO7 3QW Authority: Havant Borough Council, Environmental Health Department Permit Reference: PERM09-00328 Dated: 9th December 1998 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Manually positioned to the address or location	A13SW (W)	273	3	469536 107514

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	Local Authority Pollution Prevention and Controls Name: Bp Park Lane Service Station Location: 97 Park Lane, Bedhampton, HAVANT, Hampshire, PO9 3HQ Authority: Havant Borough Council, Environmental Health Department Permit Reference: PERM15-00173 Dated: 22nd December 1998 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Manually positioned to the address or location	A14NW (E)	638	3	470470 107659
7	Local Authority Pollution Prevention and Control Enforcements Location: Larchwood Road, Bedhampton, Havant, Hampshire, Po7 3qw Type: Air Pollution Control Enforcement Notice Reference: HBC/EPA1/5/98 Date Issued: 19th September 2000 Enforcement Date: Not Supplied Details: Not Supplied Positional Accuracy: Manually positioned to the address or location	A13SW (W)	273	3	469536 107514
8	Local Authority Pollution Prevention and Control Enforcements Location: Westleigh Service Station, Potesfield Road, Havant, Hampshire, Po9 5ha Type: Air Pollution Control Enforcement Notice Reference: HBC/EPA1/10/98 Date Issued: 27th October 2001 Enforcement Date: Not Supplied Details: Not Supplied Positional Accuracy: Manually positioned to the address or location	A14NW (NE)	550	3	470278 107933
	Nearest Surface Water Feature	A18SE (N)	325	-	469872 107969
9	Pollution Incidents to Controlled Waters Property Type: Industrial: Other Location: Vickers Systems Authority: Environment Agency, Southern Region Pollutant: Oils - Other Oil Note: Oil Loss Into Drains; Industrial: Other Incident Date: 8th February 1995 Incident Reference: 1678 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	224	2	469600 107500
10	Pollution Incidents to Controlled Waters Property Type: Industrial: Other Location: B & Q, Purbrook Way, HAVANT Authority: Environment Agency, Southern Region Pollutant: Chemicals - Alkali Note: Spillage Of Ammonia Like Substance; Industrial: Other Incident Date: 23rd August 1994 Incident Reference: 1437 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Industrial Chemicals Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	316	2	469500 107800
11	Pollution Incidents to Controlled Waters Property Type: Industrial: Other Location: HAVANT Authority: Environment Agency, Southern Region Pollutant: Oils - Other Oil Note: Milky Substance Going Into River Lavant From Culvert; Engineering Incident Date: 28th June 1995 Incident Reference: 1917 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Industrial Chemicals Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SE (NE)	586	2	470100 108150

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Other Location: Hermitage Stream, Keyhaven Drive, LEIGH PARK Authority: Environment Agency, Southern Region Pollutant: Oils - Unknown Note: Oil On Stream; Water Company Sewage: Surface Water Outfall Incident Date: 18th April 1995 Incident Reference: 1799 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	749	2	470300 108200
13	Pollution Incidents to Controlled Waters Property Type: Miscellaneous Premises: Unknown Location: New Road, HAVANT Authority: Environment Agency, Southern Region Pollutant: Oils - Diesel (Including Agricultural) Note: Oil/Petrol On The Surface Of The Stream Incident Date: 25th November 1998 Incident Reference: 798559 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Poor Operational Practice Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19NW (NE)	766	2	470200 108300
14	Pollution Incidents to Controlled Waters Property Type: Private Sewage (Non-PLC): Sewage Treatment Works Location: Adjacent To 435 Middlepark Way, HAVANT Authority: Environment Agency, Southern Region Pollutant: Oils - Petrol Note: Car In River Bed Leaking Petrol Incident Date: 5th August 1998 Incident Reference: 798388 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Poor Operational Practice Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	773	2	470500 108000
14	Pollution Incidents to Controlled Waters Property Type: Domestic/Residential Location: 1 Manor Court, Brockhampton Road, Havent Authority: Environment Agency, Southern Region Pollutant: Oils - Diesel (Including Agricultural) Note: Oil On Stream At Side Of My Home Incident Date: 4th May 1992 Incident Reference: 54 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	799	2	470500 108050
15	Pollution Incidents to Controlled Waters Property Type: Domestic/Residential Location: Middle Park Way, Charlton Crescent, Leigh Park Authority: Environment Agency, Southern Region Pollutant: Miscellaneous - Inert Suspended Solids Note: White Effluent And Foam Entering Hermitage Stream Incident Date: 14th May 1997 Incident Reference: 797249 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Miscellaneous/Other Pollution Type Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NE (NE)	793	2	470550 107950
16	Pollution Incidents to Controlled Waters Property Type: Wholesale & Retail Trade Location: Park House Farm Way, LEIGH PARK Authority: Environment Agency, Southern Region Pollutant: Organic Chemicals : Diesel Fuels Note: Not Supplied Incident Date: 4th March 1999 Incident Reference: 81 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Other Cause Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	852	2	470200 108400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	Pollution Incidents to Controlled Waters Property Type: Industrial: Other Location: Tambrands Ltd, HAVANT Authority: Environment Agency, Southern Region Pollutant: Oils - Gas Oil Note: Oil Pollution Prevention Measures Vandalised; Industrial: Other Incident Date: 27th March 1994 Incident Reference: 1164 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	887	2	470700 107800
18	Pollution Incidents to Controlled Waters Property Type: Road (Road Traffic Accident) Location: Outside School Authority: Environment Agency, Southern Region Pollutant: Oils - Waste Oil Note: Surface Water Drain Blocked, Engine Oil Overflowing Incident Date: 22nd May 1997 Incident Reference: 797260 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19NW (NE)	891	2	470400 108300
	River Quality Name: Hermitage Strm GQA Grade: River Quality C Reach: Tidal Limit - Source Estimated Distance (km): 14.8 Flow Rate: Flow less than 0.62 cumecs Flow Type: River Year: 2000	A18SE (NE)	520	2	470094 108075
19	Substantiated Pollution Incident Register Authority: Environment Agency - Southern Region, Solent and South Downs Incident Date: 12th September 2018 Incident Reference: 1650782 Water Impact: Category 3 - Minor Incident Air Impact: Category 3 - Minor Incident Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Atmospheric Pollutants and Effects: Smoke Pollutant: Inert : Construction / Demolition Material Pollutant: Specific Waste Materials: Commercial Waste Pollutant: Specific Waste Materials: Household Waste	A13NE (NE)	62	2	469876 107654
	Water Abstractions Operator: Portsmouth Water Ltd Licence Number: 11/42/36.2/1 Permit Version: 101 Location: Bedhampton Ps Spring No 1 Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A4NE (SE)	1437	2	470580 106370

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Portsmouth Water Ltd Licence Number: 11/42/36.2/1 Permit Version: 102 Location: Bedhampton Ps Spring No 1 Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 9th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A4NE (SE)	1437	2	470580 106370
	Water Abstractions Operator: Portsmouth Water Co Licence Number: 11/42/36.2/1 Permit Version: 100 Location: Bedhampton Ps Spring No 1 Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 164565 Yearly Rate (m3): 42732400 Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 26th September 1977 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A4NE (SE)	1437	2	470580 106370
	Water Abstractions Operator: Portsmouth Water Ltd Licence Number: 11/42/36.2/1 Permit Version: 101 Location: Havant Ps Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A4SW (SE)	1475	2	470480 106270
	Water Abstractions Operator: Portsmouth Water Ltd Licence Number: 11/42/36.2/1 Permit Version: 102 Location: Havant Ps Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 9th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A4SW (SE)	1475	2	470480 106270

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Portsmouth Water Co Licence Number: 11/42/36.2/1 Permit Version: 100 Location: Havant Ps Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 26th September 1977 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A4SW (SE)	1475	2	470480 106270
	Water Abstractions Operator: Portsmouth Water Ltd Licence Number: 11/42/36.2/1 Permit Version: 101 Location: Bedhampton Ps Spring No 2 Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A5NW (SE)	1711	2	471020 106370
	Water Abstractions Operator: Portsmouth Water Ltd Licence Number: 11/42/36.2/1 Permit Version: 102 Location: Bedhampton Ps Spring No 2 Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 9th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A5NW (SE)	1711	2	471020 106370
	Water Abstractions Operator: Portsmouth Water Co Licence Number: 11/42/36.2/1 Permit Version: 100 Location: Bedhampton Ps Spring No 2 Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 26th September 1977 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A5NW (SE)	1711	2	471020 106370

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Mixed Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A13NW (NE)	0	4	469804 107623
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	A13NW (NE)	0	4	469804 107623
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13NW (NE)	0	4	469804 107623
20	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone Ic (Inner Protection Zone): Travel time of 50 days or less to the groundwater source - subsurface activity only.	A13NW (NE)	0	2	469804 107623
21	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone I (Inner Protection Zone): Travel time of 50 days or less to the groundwater source.	A8SW (S)	920	2	469674 106679
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 182.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A18SE (N)	326	5	469871 107971
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 608.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A18SE (N)	335	5	469890 107974
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 446.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A18SW (NW)	372	5	469574 107964

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A12SE (W)	391	5	469391 107614
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A18SW (N)	399	5	469752 108054
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 117.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A18SW (N)	421	5	469740 108075
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A8NW (SW)	452	5	469577 107205
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 697.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A8NW (SW)	452	5	469577 107205
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A8NW (SW)	471	5	469528 107215
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 31.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A8NW (SW)	477	5	469515 107218
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 142.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A8NW (SW)	493	5	469484 107224
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 64.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A18SW (N)	525	5	469674 108170

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 36.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A12NE (NW)	531	5	469339 107950
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 281.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A12NE (NW)	532	5	469334 107944
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A17SE (NW)	536	5	469351 107975
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 0.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A17SE (NW)	537	5	469350 107976
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 74.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A17SE (NW)	538	5	469349 107976
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A18SW (N)	558	5	469610 108186
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 276.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A18SW (N)	572	5	469620 108204
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 76.1 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A7NE (SW)	579	5	469347 107247
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A17SE (NW)	611	5	469283 108009

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A7NE (SW)	624	5	469274 107269
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 103.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A17SE (NW)	624	5	469273 108018
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 38.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A12NE (W)	637	5	469147 107732
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 103.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A12NE (W)	643	5	469138 107695
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 391.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A18NW (N)	706	5	469689 108356
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 394.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hermitage Stream Catchment Name: East Hampshire Primacy: 1	A19SW (NE)	716	5	470276 108177
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.7 Watercourse Level: Underground Permanent: True Watercourse Name: Hermitage Stream Catchment Name: East Hampshire Primacy: 1	A19SW (NE)	721	5	470217 108234
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 407.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hermitage Stream Catchment Name: East Hampshire Primacy: 1	A19SW (NE)	721	5	470202 108244
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 180.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A12NW (W)	727	5	469060 107755

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A17SE (NW)	727	5	469183 108068
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 116.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 2	A12NW (W)	730	5	469056 107743
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 58.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A12NW (W)	730	5	469056 107743
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 51.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A12NW (W)	746	5	469034 107688
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 62.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A12NW (W)	746	5	469034 107688
57	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 68.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A17SE (NW)	746	5	469165 108076
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A12NW (W)	755	5	469025 107637
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A12NW (W)	759	5	469021 107636
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A19SE (NE)	762	5	470498 107982

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hermitage Stream Catchment Name: East Hampshire Primacy: 1	A19SE (NE)	765	5	470501 107983
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 78.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A17NE (NW)	770	5	469396 108323
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.1 Watercourse Level: Underground Permanent: True Watercourse Name: Hermitage Stream Catchment Name: East Hampshire Primacy: 1	A19SE (NE)	773	5	470511 107982
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hermitage Stream Catchment Name: East Hampshire Primacy: 1	A19SE (NE)	788	5	470529 107980
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 303.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hermitage Stream Catchment Name: East Hampshire Primacy: 1	A19SE (NE)	793	5	470535 107980
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 994.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A19SE (NE)	793	5	470535 107980
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 94.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A17SW (NW)	799	5	469103 108079
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 57.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A12NW (W)	808	5	468972 107683
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 71.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A17NE (NW)	820	5	469319 108333

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
70	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 54.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A17NE (NW)	873	5	469249 108347
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 454.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A8SW (S)	895	5	469718 106699
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 102.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A8SW (S)	901	5	469579 106719
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 196.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hermitage Stream Catchment Name: East Hampshire Primacy: 1	A18NE (N)	911	5	469960 108550
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A18NE (N)	911	5	469960 108550
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 55.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A17NE (NW)	915	5	469199 108361
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A18NE (N)	918	5	469968 108556
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A18NE (N)	918	5	469968 108556
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 78.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A8SW (S)	925	5	469477 106727

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 214.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A8SE (S)	947	5	470015 106662
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 173.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hermitage Stream Catchment Name: East Hampshire Primacy: 1	A14NE (E)	966	5	470778 107811
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A14NE (E)	966	5	470778 107811
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 289.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A7SE (SW)	969	5	469400 106713

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
83	Historical Landfill Sites Licence Holder: Gleeson Civil Engineering Limited Location: Bedhampton, Hampshire Name: Scratchface Lane Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD20966 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: FHA16, 13/4	A8NW (S)	499	2	469765 107092
	Local Authority Landfill Coverage Name: Havant Borough Council - Has supplied landfill data		0	3	469804 107623
	Local Authority Landfill Coverage Name: Hampshire County Council - Had landfill data but passed it to the relevant environment agency		0	6	469804 107623
84	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A14NE (E)	810	-	470617 107816
85	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1991	A17SW (NW)	967	-	469023 108256
86	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1963	A13NW (N)	0	-	469803 107628
87	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1898	A13NE (NE)	42	-	469853 107646
88	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1898	A18SE (N)	344	-	469908 107977
89	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1898	A9NW (SE)	689	-	470435 107271
90	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1909	A8NE (SE)	699	-	470110 106953
91	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1963	A14NE (E)	741	-	470516 107898
92	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1870	A17NE (NW)	905	-	469204 108352

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Thames Group	A13NW (NE)	0	1	469804 107623
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13NW (NE)	0	1	469804 107623
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A18SE (NE)	406	1	470000 108000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: <15 mg/kg Concentration:	A8SW (S)	976	1	469635 106629
93	BGS Recorded Mineral Sites Site Name: Havant Brick & Tile Works Location: Leigh Park, Havant, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 163076 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Palaeogene Geology: London Clay Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A14NE (E)	920	1	470744 107743
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	469804 107623
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	166	1	470000 107623
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	469804 107623

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	166	1	470000 107623
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	469804 107623
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	166	1	470000 107623
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	469804 107623
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	166	1	470000 107623
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	235	1	469548 107692
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	469804 107623
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	166	1	470000 107623
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	469804 107623
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	166	1	470000 107623
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	469804 107623
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	469804 107623

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
94	Contemporary Trade Directory Entries Name: Victory Vauxhall Location: Hulbert Road, Havant, Hampshire, PO9 3RH Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (E)	4	-	469822 107617
94	Contemporary Trade Directory Entries Name: Sparshatts Of Havant Location: Hulbert Road, Havant, Hampshire, PO9 3RH Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (NW)	5	-	469791 107650
95	Contemporary Trade Directory Entries Name: Asda Petrol Location: Larchwood Avenue, Havant, Hampshire, PO9 3QW Classification: Petrol Filling Stations Status: Active Positional Accuracy: Manually positioned to the address or location	A13NW (NW)	83	-	469712 107702
96	Contemporary Trade Directory Entries Name: Window Maker Location: Unit 1, 6, Larchwood Avenue, Havant, Hampshire, PO9 3BE Classification: Window Frame Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (W)	161	-	469621 107677
96	Contemporary Trade Directory Entries Name: Mitchell & James Caravans Ltd Location: Unit 4, 6, Larchwood Avenue, HAVANT, Hampshire, PO9 3BE Classification: Caravans - Servicing & Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (W)	201	-	469581 107680
96	Contemporary Trade Directory Entries Name: C & S M O T Testing Ltd Location: Unit 5, 6, Larchwood Avenue, Havant, PO9 3BE Classification: Mot Testing Centres Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (W)	214	-	469569 107690
96	Contemporary Trade Directory Entries Name: Printer Graphics Ltd Location: Unit 6, 6, Larchwood Avenue, Havant, PO9 3BE Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (W)	227	-	469556 107690
96	Contemporary Trade Directory Entries Name: Printer Graphics Ltd Location: Unit 6, 6, Larchwood Avenue, Havant, Hampshire, PO9 3BE Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (W)	227	-	469555 107684
97	Contemporary Trade Directory Entries Name: Hmd Domestic Location: 28, Littlepark Avenue, Havant, Hampshire, PO9 3QY Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (S)	290	-	469839 107299
98	Contemporary Trade Directory Entries Name: Sue'S Ace Cleaning Team Ltd Location: 34, St. Christophers Road, Havant, Hampshire, PO9 3TP Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	404	-	470227 107518
99	Contemporary Trade Directory Entries Name: John Inkster Littlepark Ltd Location: Littlepark House, Oakwood Avenue, Havant, Hampshire, PO9 3RB Classification: Builders' Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	418	-	469507 107305
99	Contemporary Trade Directory Entries Name: Headline Printers Ltd Location: The Villa, Littlepark House, Oakwood Avenue, Havant, Hampshire, PO9 3RB Classification: Printers Status: Active Positional Accuracy: Manually positioned to the address or location	A13SW (SW)	419	-	469506 107305

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
100	Contemporary Trade Directory Entries Name: The Hampshire Joinery Company Location: 8, Hazelwood Avenue, Havant, Hampshire, PO9 3RE Classification: Homefurnishings - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (S)	451	-	469659 107165
101	Contemporary Trade Directory Entries Name: Nationwide Cleaners Hampshire Location: Havant, Hampshire, PO9 3tn Classification: Cleaning Services - Domestic Status: Active Positional Accuracy: Manually positioned within the geographical locality	A14SW (SE)	499	-	470295 107417
102	Contemporary Trade Directory Entries Name: Steam Lady Location: 21, Bransgore Avenue, Havant, Hampshire, PO9 4BH Classification: Ironing & Home Laundry Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	617	-	470393 107868
103	Contemporary Trade Directory Entries Name: B P Service Station Location: 97, Park Lane, Bedhampton, Havant, PO9 3HQ Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (E)	638	-	470470 107659
103	Contemporary Trade Directory Entries Name: B P Express Shopping Location: 97, Park Lane, Bedhampton, Havant, PO9 3HQ Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (E)	638	-	470470 107659
104	Contemporary Trade Directory Entries Name: Wilson Flyer Location: 26, Scratchface Lane, Havant, Hampshire, PO9 3NG Classification: Boatbuilders & Repairers Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (S)	648	-	470027 106974
105	Contemporary Trade Directory Entries Name: M J Rose Location: 65, Hillmead Gardens, Havant, Hampshire, PO9 3NN Classification: Power Flushing Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	681	-	469564 106955
106	Contemporary Trade Directory Entries Name: Cleaning Services For U Location: 42, Keyhaven Drive, Havant, Hampshire, PO9 4BY Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	693	-	470346 108076
107	Contemporary Trade Directory Entries Name: Ian Golds Tackle Developments Ltd Location: 4, Scratchface Lane, Havant, Hampshire, PO9 3NG Classification: Fishing & Angling Equipment - Manufacturers & Distributors Status: Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	714	-	470167 106965
108	Contemporary Trade Directory Entries Name: Beer Clear Cellar Services Ltd Location: 39, Middle Park Way, Havant, Hampshire, PO9 4AB Classification: Catering Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (NE)	729	-	470490 107926
109	Contemporary Trade Directory Entries Name: Budgens Vehical Movements Location: 42, Penhurst Road, Havant, Hampshire, PO9 3NX Classification: Breakdown and Recovery Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	741	-	469741 106851
110	Contemporary Trade Directory Entries Name: Tudor Blinds Location: 50, Park Lane, Bedhampton, Havant, PO9 3HL Classification: Blinds, Awnings & Canopies Status: Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	775	-	470435 107119

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
111	Contemporary Trade Directory Entries Name: Spix Location: 13, Park Side, Havant, Hampshire, PO9 3PJ Classification: Air Compressors Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	776	-	470028 106841
111	Contemporary Trade Directory Entries Name: J W Blunden Location: 14, Park Side, Havant, Hampshire, PO9 3PL Classification: Coal & Smokeless Fuel Merchants & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	790	-	469996 106818
112	Contemporary Trade Directory Entries Name: Hampshire Waste Clearance Services Location: 39, Finchdean Road, Havant, Hampshire, PO9 4AA Classification: Waste Disposal Services Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (E)	787	-	470598 107800
113	Contemporary Trade Directory Entries Name: S K K Cleaning Services Location: 48, Finchdean Road, Havant, Hampshire, PO9 4AA Classification: Cleaning Services - Domestic Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (E)	845	-	470654 107811
114	Contemporary Trade Directory Entries Name: Switch Location: 24a Park Lane, Bedhampton, Havant, Hampshire, PO9 3HH Classification: Cargo Handling Services Status: Active Positional Accuracy: Automatically positioned to the address	A9SW (SE)	861	-	470382 106937
115	Contemporary Trade Directory Entries Name: Woodsedge Upholstery Location: 42, Woodsedge, Waterlooville, Hampshire, PO7 8EX Classification: Seating Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A17NE (NW)	892	-	469315 108416
116	Contemporary Trade Directory Entries Name: All Shimmer & Shine Location: 19, Barncroft Way, Havant, Hampshire, PO9 3AA Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	898	-	470732 107592
117	Contemporary Trade Directory Entries Name: Warrior Animal Feeds Ltd Location: 2, Brooklands Road, Havant, Hampshire, PO9 3NS Classification: Pet Foods & Animal Feeds Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	905	-	469775 106684
118	Contemporary Trade Directory Entries Name: J C B Motorcycle Services Location: 14, Covert Grove, Waterlooville, PO7 8EY Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NW (NW)	918	-	469129 108302
119	Contemporary Trade Directory Entries Name: R J B Performance Location: 28, Lester Avenue, Havant, Hampshire, PO9 3HE Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	975	-	470467 106861
120	Fuel Station Entries Name: Victory Garage Location: Hulbert Road, Bedhampton, Havant, Hampshire, PO9 3RH Brand: Texaco Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A13SE (SE)	0	-	469822 107612

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
121	Fuel Station Entries Name: Asda Havant Location: Willowdene Close, Bedhampton, Havant, Hampshire, PO9 3QP Brand: ASDA Premises Type: Hypermarket Status: Open Positional Accuracy: Manually positioned to the address or location	A13NW (NW)	83	-	469712 107702
122	Fuel Station Entries Name: Park Lane Service Station Location: 97, Park Lane Purbrook Way, Bedhampton, Havant, Hampshire, PO9 3HQ Brand: BP Premises Type: Petrol Station Status: Open Positional Accuracy: Automatically positioned to the address	A14NW (E)	638	-	470470 107659
123	Points of Interest - Commercial Services Name: Car Wash Location: Willowdene Close, Bedhampton, Havant, Hampshire, PO9 3QP Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A13NW (NW)	88	7	469711 107709
124	Points of Interest - Commercial Services Name: C & S M O T Testing Ltd Location: Unit 5 Larchwood Avenue, Havant, PO9 3BE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (W)	214	7	469568 107682
124	Points of Interest - Commercial Services Name: Chasmoor Ltd Location: Unit 6 6, Larchwood Avenue, Havant, PO9 3BE Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NW (W)	227	7	469555 107684
125	Points of Interest - Commercial Services Name: Jack & Splat Mobile Mechanic & Welding Ltd Location: 416 Purbrook Way, Havant, PO9 3SH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (NE)	227	7	469945 107817
126	Points of Interest - Commercial Services Name: Budget Car Valeting Location: 34 St. Christophers Road, Havant, PO9 3TP Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A14SW (E)	404	7	470227 107518
127	Points of Interest - Commercial Services Name: Park Lane Service Station Location: 97, Park Lane, Bedhampton, Havant, PO9 3HQ Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A14NW (E)	638	7	470470 107658
127	Points of Interest - Commercial Services Name: B P Car Wash Location: 97 Park Lane, Bedhampton, Havant, PO9 3HQ Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A14NW (E)	638	7	470470 107658
127	Points of Interest - Commercial Services Name: Car Wash Location: 97 Park Lane, Bedhampton, Havant, PO9 3HQ Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A14NW (E)	638	7	470470 107659
128	Points of Interest - Commercial Services Name: Mobile Auto Repairs Location: 24 Hulbert Road, Havant, PO9 3TF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9NW (SE)	733	7	470292 107028

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
129	Points of Interest - Commercial Services Name: Switch Location: 24a Park Lane, Bedhampton, Havant, PO9 3HH Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A9SW (SE)	861	7	470381 106936
130	Points of Interest - Commercial Services Name: Tasc 2 Location: 11 Laurus Close, Waterloooville, PO7 8EZ Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A17SE (NW)	871	7	469141 108247
130	Points of Interest - Commercial Services Name: J C B Motorcycle Services Location: 14 Covert Grove, Waterloooville, PO7 8EY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17NW (NW)	918	7	469129 108302
131	Points of Interest - Commercial Services Name: Phil's Autos Location: 45 Hazelholt Drive, Havant, PO9 3DL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9NE (SE)	895	7	470653 107248
132	Points of Interest - Commercial Services Name: R J B Location: 28 Lester Avenue, Havant, PO9 3HE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9SW (SE)	975	7	470467 106861
133	Points of Interest - Commercial Services Name: Valet Location: 13 Shawford Grove, Havant, PO9 4DX Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A19NW (NE)	985	7	470271 108513
134	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (W)	205	7	469575 107639
134	Points of Interest - Manufacturing and Production Name: Works Location: PO9 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (W)	211	7	469569 107638
135	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SW (W)	297	7	469487 107605
135	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	320	7	469460 107635
135	Points of Interest - Manufacturing and Production Name: Works Location: PO9 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	320	7	469460 107635
136	Points of Interest - Public Infrastructure Name: Asda Petrol Location: Larchwood Avenue, Havant, PO9 3QW Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13NW (NW)	83	7	469712 107702

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
136	Points of Interest - Public Infrastructure Name: Asda Havant Location: Willowdene Close, Bedhampton, Havant, PO9 3QP Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13NW (NW)	83	7	469712 107702
136	Points of Interest - Public Infrastructure Name: Havant Supercentre Location: Purbrook Way, Havant, PO9 3QW Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13NW (NW)	102	7	469687 107695
137	Points of Interest - Public Infrastructure Name: BP Service Station Location: 97 Park Lane, Bedhampton, Havant, PO9 3HQ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14NW (E)	638	7	470470 107659
137	Points of Interest - Public Infrastructure Name: BP Express Shopping Location: 97 Park Lane, Bedhampton, Havant, PO9 3HQ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14NW (E)	638	7	470470 107658
137	Points of Interest - Public Infrastructure Name: Park Lane Service Station Location: 97 Park Lane, Bedhampton, Havant, PO9 3HQ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14NW (E)	638	7	470470 107659
137	Points of Interest - Public Infrastructure Name: Park Lane Connect Location: 97 Park Lane, Bedhampton, Havant, PO9 3HQ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14NW (E)	638	7	470470 107659
138	Points of Interest - Public Infrastructure Name: Hampshire Waste Clearance Services Location: 39 Finchdean Road, Havant, PO9 4AA Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A14NE (E)	786	7	470597 107799
138	Points of Interest - Public Infrastructure Name: Cheap Rates Location: 27 Finchdean Road, Havant, PO9 4AA Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A14NE (E)	802	7	470623 107753
139	Points of Interest - Public Infrastructure Name: Outfall Location: PO9 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	800	7	470542 107981
139	Points of Interest - Public Infrastructure Name: Outfall Location: PO9 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	813	7	470556 107982
139	Points of Interest - Public Infrastructure Name: Outfall Location: PO9 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	814	7	470560 107976
140	Points of Interest - Public Infrastructure Name: Outfall Location: PO9 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	981	7	470792 107818

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
141	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18SE (NE)	375	7	469984 107974
141	Points of Interest - Recreational and Environmental Name: Playground Location: Plaitford Grove, PO9 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A18SE (NE)	380	7	469991 107975
142	Points of Interest - Recreational and Environmental Name: Play Area Location: PO9 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	465	7	470267 107439
143	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	625	7	469929 106973
143	Points of Interest - Recreational and Environmental Name: Playground Location: Scratchface Lane, PO9 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	625	7	469937 106974
144	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	846	7	469299 108350
144	Points of Interest - Recreational and Environmental Name: Playground Location: Woodsedge, PO7 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	846	7	469299 108350
145	Points of Interest - Recreational and Environmental Name: Play Area Location: PO9 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	925	7	470716 107888
146	Points of Interest - Recreational and Environmental Name: Skate Park Location: PO7 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	929	7	468864 107495
147	Points of Interest - Recreational and Environmental Name: Playground Location: Hook'S Lane, PO9 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A9NE (SE)	979	7	470672 107103
148	Points of Interest - Recreational and Environmental Name: Playground Location: Sage Close, PO7 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A17NE (NW)	989	7	469272 108503
148	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	990	7	469271 108504

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
148	Points of Interest - Recreational and Environmental Name: Playground Location: Sage Close, PO7 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	990	7	469271 108504

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
149	Ancient Woodland Name: Not Supplied Reference: 1489389 Area(m²): 11336.1 Type: Ancient and Semi-Natural Woodland	A13SW (SW)	289	8	469639 107359
150	Ancient Woodland Name: Not Supplied Reference: 1489282 Area(m²): 32441.88 Type: Plantation on Ancient Woodland	A8NW (SW)	450	8	469583 107203
151	Ancient Woodland Name: Not Supplied Reference: 1488333 Area(m²): 15356.02 Type: Ancient and Semi-Natural Woodland	A12SE (SW)	452	8	469457 107312
152	Ancient Woodland Name: Not Supplied Reference: 1487890 Area(m²): 11964.43 Type: Ancient and Semi-Natural Woodland	A18SE (N)	532	8	469910 108173
153	Ancient Woodland Name: Not Supplied Reference: 1489661 Area(m²): 4918.42 Type: Plantation on Ancient Woodland	A18SW (NW)	552	8	469570 108165
154	Ancient Woodland Name: Not Supplied Reference: 1487521 Area(m²): 49712.64 Type: Ancient and Semi-Natural Woodland	A12SE (W)	558	8	469240 107502
155	Ancient Woodland Name: Not Supplied Reference: 1488487 Area(m²): 6374.51 Type: Ancient and Semi-Natural Woodland	A18SW (N)	588	8	469602 108216
156	Ancient Woodland Name: Not Supplied Reference: 1487282 Area(m²): 5129.91 Type: Ancient and Semi-Natural Woodland	A18SW (N)	650	8	469645 108291
157	Ancient Woodland Name: Not Supplied Reference: 1487374 Area(m²): 20019.65 Type: Plantation on Ancient Woodland	A12SW (W)	663	8	469120 107587
158	Ancient Woodland Name: Not Supplied Reference: 1488523 Area(m²): 57541.38 Type: Ancient and Semi-Natural Woodland	A18NW (N)	670	8	469666 108316
159	Ancient Woodland Name: Not Supplied Reference: 1489660 Area(m²): 1312.4 Type: Ancient and Semi-Natural Woodland	A18SE (N)	681	8	470030 108293
160	Ancient Woodland Name: Bushy Lease Reference: 1488631 Area(m²): 28716.02 Type: Ancient and Semi-Natural Woodland	A18NW (N)	688	8	469799 108344
161	Ancient Woodland Name: Not Supplied Reference: 1489383 Area(m²): 68501.86 Type: Ancient and Semi-Natural Woodland	A12NW (W)	711	8	469096 107848
162	Ancient Woodland Name: Not Supplied Reference: 1488854 Area(m²): 4580.05 Type: Plantation on Ancient Woodland	A17SW (NW)	739	8	469120 107988

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
163	Ancient Woodland Name: Not Supplied Reference: 1487795 Area(m²): 11747.05 Type: Ancient and Semi-Natural Woodland	A12SW (W)	868	8	468913 107603
164	Nitrate Vulnerable Zones Name: Chichester, Langstone And Portsmouth Harbours Eutrophic Nvz (Trac) Description: Eutrophic Water Source: Environment Agency, Head Office	A13NW (NE)	0	4	469804 107623

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices East Hampshire District Council - Environmental Health Department Havant Borough Council - Environmental Health Department Chichester District Council - Environmental Health Department Portsmouth City Council - Health and Trading Standards Winchester City Council - Environmental Health Department	January 2015 January 2015 July 2013 October 2014 September 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - Southern Region	October 2019	Quarterly
Enforcement and Prohibition Notices Environment Agency - Southern Region	March 2013	Annual Rolling Update
Integrated Pollution Controls Environment Agency - Southern Region	October 2008	Variable
Integrated Pollution Prevention And Control Environment Agency - South East Region - Solent & South Downs Area Environment Agency - Southern Region	October 2019 October 2019	Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Portsmouth City Council - Environmental Health Department East Hampshire District Council - Environmental Health Department Winchester City Council - Environmental Health Department Havant Borough Council - Environmental Health Department Chichester District Council - Environmental Health Department	August 2014 December 2014 December 2014 December 2015 October 2014	Variable Variable Variable Variable Variable
Local Authority Pollution Prevention and Controls Portsmouth City Council - Environmental Health Department East Hampshire District Council - Environmental Health Department Winchester City Council - Environmental Health Department Havant Borough Council - Environmental Health Department Chichester District Council - Environmental Health Department	August 2014 December 2014 December 2014 December 2015 October 2014	Not Applicable Annual Rolling Update Annual Rolling Update Annual Rolling Update Not Applicable
Local Authority Pollution Prevention and Control Enforcements Portsmouth City Council - Environmental Health Department East Hampshire District Council - Environmental Health Department Winchester City Council - Environmental Health Department Havant Borough Council - Environmental Health Department Chichester District Council - Environmental Health Department	August 2014 December 2014 December 2014 December 2015 October 2014	Variable Variable Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	November 2019	
Pollution Incidents to Controlled Waters Environment Agency - Southern Region	December 1999	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - Southern Region	March 2013	Annual Rolling Update
Prosecutions Relating to Controlled Waters Environment Agency - Southern Region	March 2013	Annual Rolling Update
Registered Radioactive Substances Environment Agency - Southern Region	June 2016	
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually

Agency & Hydrological	Version	Update Cycle
Substantiated Pollution Incident Register Environment Agency - South East Region - Solent & South Downs Area Environment Agency - Southern Region - Hampshire and Isle of Wight Area Office Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	October 2019 October 2019 October 2019 October 2019	Quarterly Quarterly Quarterly Quarterly
Water Abstractions Environment Agency - Southern Region	October 2019	Quarterly
Water Industry Act Referrals Environment Agency - Southern Region	October 2017	Quarterly
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Groundwater Vulnerability - Soluble Rock Risk Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	October 2019	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	November 2019	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	November 2019	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	November 2019	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	November 2019	Quarterly
Flood Defences Environment Agency - Head Office	November 2019	Quarterly
OS Water Network Lines Ordnance Survey	October 2019	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water Suitability Environment Agency - Head Office	October 2013	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	October 2019	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Southern Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - South East Region - Solent & South Downs Area Environment Agency - Southern Region - Hampshire and Isle of Wight Area Office Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	November 2019 November 2019 November 2019 November 2019	Quarterly Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - South East Region - Solent & South Downs Area Environment Agency - Southern Region - Hampshire and Isle of Wight Area Office Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	October 2019 October 2019 October 2019 October 2019	Quarterly Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Chichester District Council - Environmental Health Department East Hampshire District Council Hampshire County Council - Minerals and Waste Planning Havant Borough Council - Environmental Health Department Portsmouth City Council - Environmental Health Department West Sussex County Council - Environment & Development Winchester City Council - Environmental Health Department	May 2000 May 2000 May 2000 May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Chichester District Council - Environmental Health Department East Hampshire District Council Hampshire County Council - Minerals and Waste Planning Havant Borough Council - Environmental Health Department Portsmouth City Council - Environmental Health Department West Sussex County Council - Environment & Development Winchester City Council - Environmental Health Department	May 2000 May 2000 May 2000 May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites Environment Agency - Southern Region - Hampshire Area Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	March 2003 March 2003 March 2003	Not Applicable Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - Southern Region - Hampshire Area Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	March 2003 March 2003 March 2003	Not Applicable Not Applicable Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - Southern Region - Hampshire Area Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	March 2003 March 2003 March 2003	Not Applicable Not Applicable Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Chichester District Council - Planning Department East Hampshire District Council Hampshire County Council - Minerals and Waste Planning Havant Borough Council - Commercial Team Portsmouth City Council - Planning Office West Sussex County Council - Environment & Development Winchester City Council - Planning Department	February 2016 February 2016 February 2016 February 2016 February 2016 October 2006 October 2015	Variable Variable Variable Variable Variable Annual Rolling Update Variable
Planning Hazardous Substance Consents Chichester District Council - Planning Department East Hampshire District Council Hampshire County Council - Minerals and Waste Planning Havant Borough Council - Commercial Team Portsmouth City Council - Planning Office West Sussex County Council - Environment & Development Winchester City Council - Planning Department	February 2016 February 2016 February 2016 February 2016 February 2016 October 2006 October 2015	Variable Variable Variable Variable Variable Annual Rolling Update Variable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	Annually
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	October 2019	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	October 2019	Quarterly
Fuel Station Entries Catalist Ltd - Experian	December 2019	Quarterly
Gas Pipelines National Grid	July 2014	
Points of Interest - Commercial Services PointX	December 2019	Quarterly
Points of Interest - Education and Health PointX	December 2019	Quarterly
Points of Interest - Manufacturing and Production PointX	December 2019	Quarterly
Points of Interest - Public Infrastructure PointX	December 2019	Quarterly
Points of Interest - Recreational and Environmental PointX	December 2019	Quarterly
Underground Electrical Cables National Grid	December 2015	

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	August 2018	Bi-Annually
Areas of Adopted Green Belt Chichester District Council East Hampshire District Council Havant Borough Council - Commercial Team Portsmouth City Council - Planning Office South Downs National Park Winchester City Council	November 2019 November 2019 November 2019 November 2019 November 2019 November 2019	As notified As notified As notified As notified As notified As notified
Areas of Unadopted Green Belt Chichester District Council East Hampshire District Council Havant Borough Council - Commercial Team Portsmouth City Council - Planning Office South Downs National Park Winchester City Council	November 2019 November 2019 November 2019 November 2019 November 2019 November 2019	As notified As notified As notified As notified As notified As notified
Areas of Outstanding Natural Beauty Natural England	June 2019	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	March 2019	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	July 2019	Bi-Annually
National Parks Natural England	April 2017	Bi-Annually
Nitrate Vulnerable Zones Environment Agency - Head Office Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2017 October 2015	Bi-Annually
Ramsar Sites Natural England	April 2019	Bi-Annually
Sites of Special Scientific Interest Natural England	March 2019	Bi-Annually
Special Areas of Conservation Natural England	June 2019	Bi-Annually
Special Protection Areas Natural England	April 2019	Bi-Annually

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	
Centre for Ecology and Hydrology	
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Havant Borough Council - Environmental Health Department Public Service PLaza, Civic Centre Road, Havant, Hampshire, PO9 2AX	Telephone: 023 9244 6677 Email: env.services@havant.gov.uk Website: www.havant.gov.uk
4	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	Hampshire County Council - Minerals and Waste Planning Room 130, Ashburton Court West, The Castle, Winchester, Hampshire, SO23 8UD	Telephone: 01962 841841 Fax: 01962 847055 Website: www.hants.gov.uk
7	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
8	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

Please note that the Environment Agency / Natural Resources Wales / SEPA have a charging policy in place for enquiries.

Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	MGR	Made Ground (Undivided)	Artificial Deposit	Not Supplied - Holocene

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	HEAD	Head	Clay, Silt, Sand and Gravel	Not Supplied - Quaternary
	RTDU	River Terrace Deposits (Undifferentiated)	Sand, Silt and Clay	Not Supplied - Quaternary
	HEAD	Head	Clay and Gravel	Not Supplied - Quaternary
	RMD	Raised Marine Deposits	Sand and Gravel	Not Supplied - Quaternary
	BTFL	Beach and Tidal Flat Deposits (Undifferentiated)	Clay, Silt, Sand and Gravel	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	LC	London Clay Formation	Clay, Silt and Sand	Not Supplied - Tertiary
	WTT	Witling Formation	Sand, Silt and Clay	Not Supplied - Tertiary
	LC	London Clay Formation	Sand	Not Supplied - Tertiary
	BOGA	Bognor Sand Member	Sand	Not Supplied - Eocene
	LMSE	Lambeth Group	Clay, Silt and Sand	Not Supplied - Thanetian
	PCR	Portsmouth Chalk Formation	Chalk	Not Supplied - Cretaceous
	SPCH	Spitalbury Chalk Member	Chalk	Not Supplied - Cretaceous
	TACH	Tamworth Chalk Member	Chalk	Not Supplied - Cretaceous
	NCR	Newhaven Chalk Formation	Chalk	Not Supplied - Tertiary
	LPCR	Lower Medullar Chalk Formation, Sleaford Chalk Formation, Newhaven Chalk Formation, Culver	Chalk	Not Supplied - Tertiary

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
		Chalk Formation and Portsmouth Chalk Formation (Undifferentiated)		



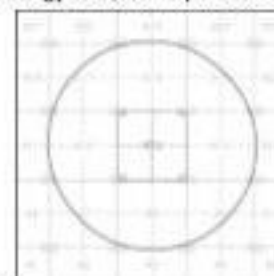
Geology 1:50,000 Maps

This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps. The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map ID	1
Map Sheet No.	218
Map Name	Portsmouth
Map Date	1998
Bedrock Geology	Available
Superficial Geology	Available
Artificial Geology	Available
Landlip	Not Supplied
Soil Geology	Not Supplied

Geology 1:50,000 Maps - Slice A



Order Details:

Order Number	232899159_1_1
Customer Reference	3509
National Grid Reference	499800, 107620
Site	A
Site Area (Ha)	0.08
Search Buffer (m)	1000

Site Details:

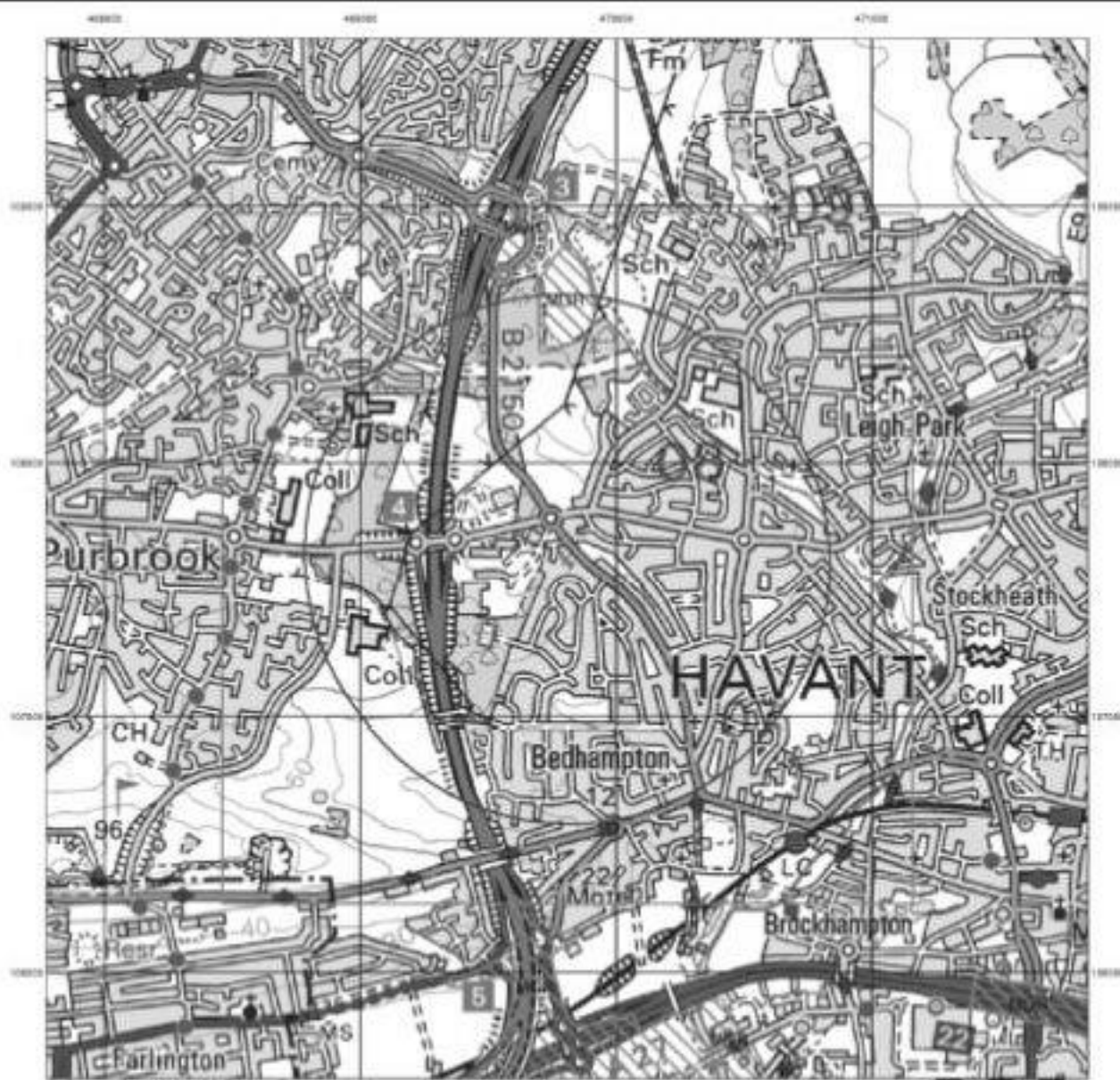
Georges, Wilforden Close, Havant, PO9 2QP



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Artificial Ground and Landslip

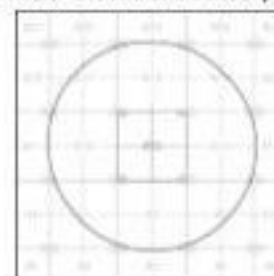
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions and unstable ground.

Artificial ground includes:

- Made ground - man-made deposits such as embankments and spoil heaps on the natural ground surface.
- Worked ground - areas where the ground has been cut away such as quarries and road cuttings.
- Filled ground - areas where the ground has been cut away then wholly or partially backfilled.
- Landsloped ground - areas where the surface has been reshaped.
- Disturbed ground - areas of ill-defined shallow or near surface mineral workings where it is impracticable to map made and worked ground separately.

Mass movement (landslip) deposits on BGS geological maps are primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground. The dataset also includes founded skarn, where the ground has collapsed due to subsidence.

Artificial Ground and Landslip Map - Slice A



Order Details:

Order Number: 252092159_1_1
 Customer Reference: 35093
 National Grid Reference: 499800, 107620
 Slice: A
 Soil Area (Ha): 0.08
 Search Buffer (m): 5000

Site Details:

Georges, Willowsden Close, Havant, PO9 3QP

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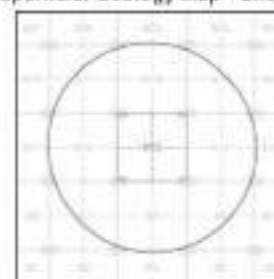
Superficial Geology

Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, the Quaternary, which extends back about 1.6 million years from the present.

They rest on older deposits or rocks referred to as Bedrock. This dataset combines Superficial deposits that are of natural origin and 'in place'. Other superficial strata may be held in the Mass Movement dataset where they have been moved, or in the Artificial Ground dataset where they are of man-made origin.

Most of these Superficial deposits are unconsolidated sediments such as gravel, sand, silt and clay, and onshore they form relatively thin, often discontinuous patches or larger spreads.

Superficial Geology Map - Slice A



Order Details:

Order Number: 252899159_1_1
Customer Reference: 35093
National Grid Reference: 469800, 107620
Slice: A
Soil Area (Ha): 0.08
Search Buffer (m): 5000

Site Details:

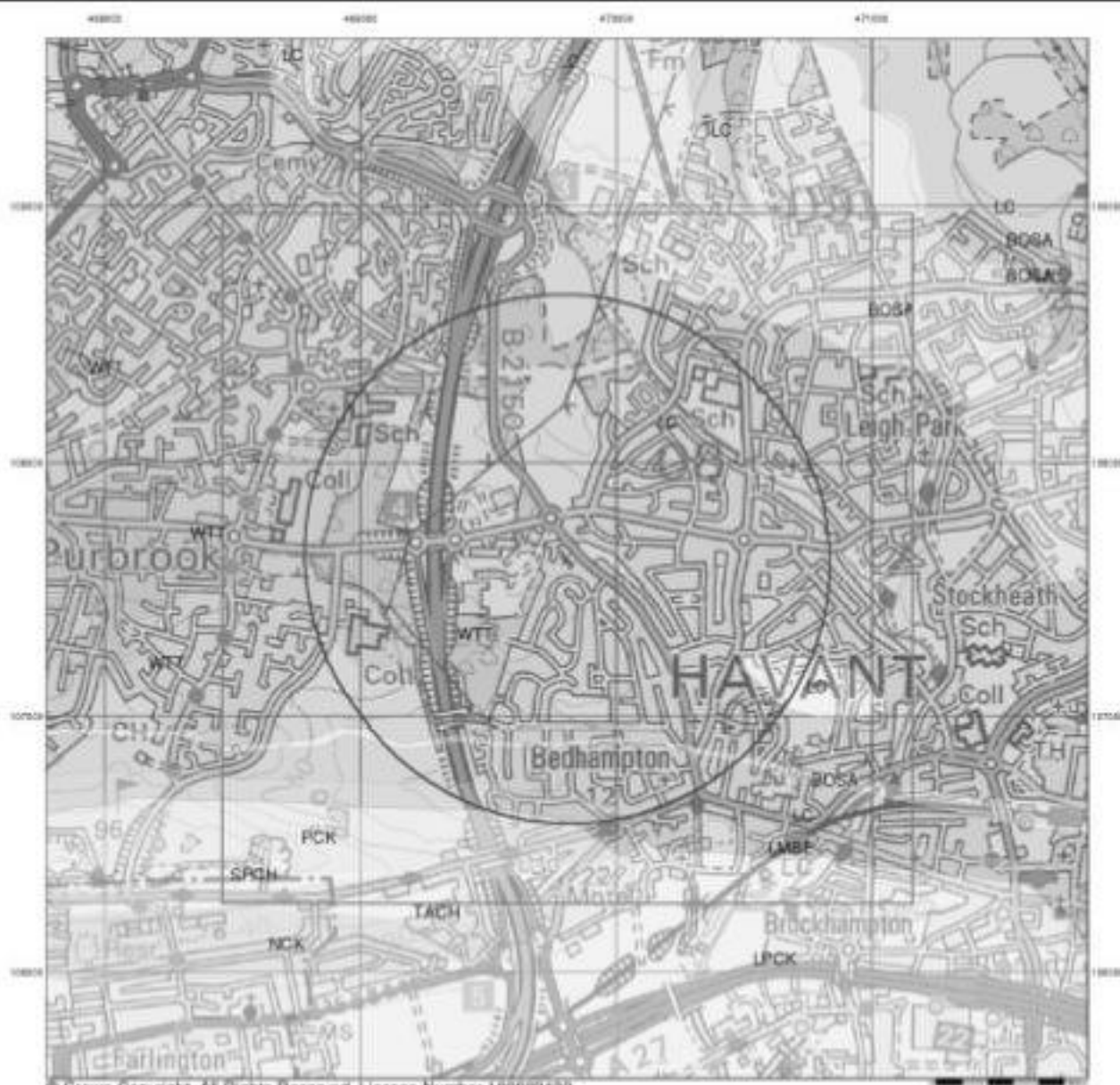
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Bedrock and Faults

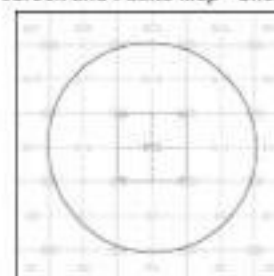
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

The bedrock has formed over vast lengths of geological time ranging from ancient and highly altered rocks of the Proterozoic, some 2500 million years ago, or older, up to the relatively young Pliocene, 1.8 million years ago.

This bedrock geology includes many lithologies, often classified into three types based on origin: igneous, metamorphic and sedimentary.

The BGS Faults and Rock Segments dataset includes geological faults (e.g. normal, thrust) and thin beds mapped as lines (e.g. coal seams, gypsum bed). Some of these are linked to other particular 1:50,000 Geology datasets, for example, coal seams are part of the bedrock sequences, most faults and mineral veins primarily affect the bedrock but cut across the strata and post date its deposition.

Bedrock and Faults Map - Slice A



Order Details:

Order Number: 252899159_1_1
Customer Reference: 3509
National Grid Reference: 499800, 107620
Slice: A
Site Area (Ha): 0.08
Search Buffer (m): 5000

Site Details:

Genesys, Wilfordens Close, Havant, PO9 3QP

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Combined Surface Geology

The Combined Surface Geology map combines all the previous maps into one combined geological overview of your site.

Please consult the legends to the previous maps to interpret the Combined "Surface Geology" map.

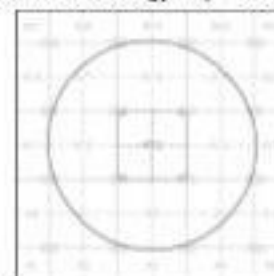
Additional Information

More information on 1:50,000 Geological mapping and explanations of rock classifications can be found on the BGS website. Using the LEX Codes in this report, further descriptions of rock types can be obtained by interrogating the 'BGS Lexicon of Named Rock Units'. This database can be accessed by following the 'Information and Data' link on the BGS website.

Contact

British Geological Survey
Keyworth
Nottingham
NG12 5GG
Telephone: 0115 936 3143
Fax: 0115 936 3276
email: enquiries@bgs.ac.uk
website: www.bgs.ac.uk

Combined Geology Map - Slice A



Order Details:

Order Number: 232899159_1_1
Customer Reference: 3509
National Grid Reference: 499800, 107620
Slice: A
Site Area (Ha): 0.08
Search Buffer (m): 1000

Site Details:

Georges, Willowsdale Close, Havant, PO9 3QP



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Appendix D Site Sensitivity Maps