

Envirocheck® Report:

Datasheet

Order Details:

Order Number:

51886031_1_1

Customer Reference:

3512646D-HHC

National Grid Reference:

308540, 169370

Slice:

Α

Site Area (Ha):

20.09

Search Buffer (m):

500

Site Details:

Cardiff International Airport And Culverhouse Cross Cardiff CF5 6XW

Client Details:

Mr G Jones Parsons Brinckerhoff Ltd 29 Cathedral Road Cardiff CF11 9HA







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Agency & Hydrological	1
Waste	17
Hazardous Substances	-
Geological	18
Industrial Land Use	-
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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 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 the attached 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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Radon Potential dataset Copyright Notice

Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England.

Report Version v47.0



Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Agency & Hydrological				
Contaminated Land Register Entries and Notices				
Discharge Consents	pg 1		9	5
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				
Local Authority Pollution Prevention and Control Enforcements				
Nearest Surface Water Feature	pg 4	Yes		
Pollution Incidents to Controlled Waters				
Prosecutions Relating to Authorised Processes				
Prosecutions Relating to Controlled Waters				
Registered Radioactive Substances				
River Quality	pg 4	1		
River Quality Biology Sampling Points				
River Quality Chemistry Sampling Points				
Substantiated Pollution Incident Register				
Water Abstractions				
Water Industry Act Referrals				
Groundwater Vulnerability	pg 4	Yes	n/a	n/a
Bedrock Aquifer Designations	pg 5	Yes	n/a	n/a
Superficial Aquifer Designations	pg 6	Yes	n/a	n/a
Source Protection Zones				
Extreme Flooding from Rivers or Sea without Defences	pg 6	Yes		n/a
Flooding from Rivers or Sea without Defences	pg 6	Yes		n/a
Areas Benefiting from Flood Defences				n/a
Flood Water Storage Areas				n/a
Flood Defences				n/a
Detailed River Network Lines	pg 6	Yes	Yes	Yes
Detailed River Network Offline Drainage	pg 16			Yes



Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Waste				
BGS Recorded Landfill Sites				
Historical Landfill Sites				
Integrated Pollution Control Registered Waste Sites				
Licensed Waste Management Facilities (Landfill Boundaries)				
Licensed Waste Management Facilities (Locations)				
Local Authority Recorded Landfill Sites				
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				
Geological				
BGS 1:625,000 Solid Geology	pg 18	Yes	n/a	n/a
BGS Estimated Soil Chemistry	pg 18	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 27		1	
BGS Urban Soil Chemistry				
BGS Urban Soil Chemistry Averages				
Brine Compensation Area			n/a	n/a
Coal Mining Affected Areas			n/a	n/a
Mining Instability			n/a	n/a
Man-Made Mining Cavities				
Natural Cavities				
Non Coal Mining Areas of Great Britain				n/a
Potential for Collapsible Ground Stability Hazards	pg 28	Yes		n/a
Potential for Compressible Ground Stability Hazards	pg 28	Yes		n/a
Potential for Ground Dissolution Stability Hazards	pg 28	Yes	Yes	n/a
Potential for Landslide Ground Stability Hazards	pg 29	Yes	Yes	n/a
Potential for Running Sand Ground Stability Hazards	pg 29	Yes	Yes	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 30	Yes	Yes	n/a
Radon Potential - Radon Affected Areas	pg 31	Yes	n/a	n/a
Radon Potential - Radon Protection Measures	pg 31	Yes	n/a	n/a



Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Industrial Land Use				
Contemporary Trade Directory Entries (50m)				n/a
Fuel Station Entries				
Sensitive Land Use				
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				
Ramsar Sites				
Sites of Special Scientific Interest	pg 32	1		
Special Areas of Conservation				
Special Protection Areas				



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consent Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Dwr Cymru Cyfyngedig Sewage Disposal Works - Water Company Weycock Cross Stw Five Mile Lane B, Five Mile Lane Barry Environment Agency, Welsh Region River Thaw AF4021601 1 10th November 1989 10th November 1989 13th November 1997 Sewage Discharges - Final/Treated Effluent - Water Company Freshwater Stream/River River Weycock Authorisation revokedRevoked Located by supplier to within 100m	A12NW (E)	4	1	308850 169420
1	Discharge Consent Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status:	,	A12NW (E)	7	1	308870 169430
2	Discharge Consent Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Ms Norma Griffiths Recreational & Cultural Welsh Hawking Centre Five Mile Lane, Five Mile Lane Barry Environment Agency, Welsh Region River Thaw AE1017901 2 30th September 1993 30th September 1993 Not Supplied Sewage Discharges - Final/Treated Effluent - Not Water Company Freshwater Stream/River Tributary Of The River Weycock New Consent, by Application (Water Resources Act 1991, Section 88) Located by supplier to within 100m	A12SE (E)	7	1	309100 169200
3	Discharge Consent Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Barry College Education Weycock Cross Annex Weycock Road B, Weycock Road Barry Environment Agency, Welsh Region River Thaw AE2032801 2 3rd February 1994 3rd February 1994 Not Supplied Sewage Discharges - Final/Treated Effluent - Not Water Company Freshwater Stream/River Trib Of The River Weycock New Consent, by Application (Water Resources Act 1991, Section 88) Manually positioned within the geographical locality	A12SE (E)	93	1	309300 169100



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Discharge Consent	s				
3	Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Barry College Education Weycock Cross Annex Weycock Road B, Weycock Road Barry Environment Agency, Welsh Region River Thaw Ae2032801 1 29th July 1965 29th July 1965 2nd February 1994 Sewage Discharges - Final/Treated Effluent - Not Water Company Freshwater Stream/River Unnamed Tributary Of The River Authorisation revokedRevoked Located by supplier to within 100m	A12SE (E)	93	1	309300 169100
	Discharge Consent	s				
4	Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	M A Hardy Ltd Livestock Production, Food Production New Farm (Septic Tank), Port Road, Rhoose, Barry, South Glamorgan, Cf62 3bt Environment Agency, Welsh Region Not Supplied Ag0003801 2 26th November 2012 26th November 2012 Not Supplied Unspecified Land/Soakaway Soakaway Via Septic Tank Varied under EPR 2010 Located by supplier to within 10m	A8SE (SE)	157	1	309042 168420
4	Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status:	M A Hardy Ltd Livestock Production, Food Production New Farm (Septic Tank), Port Road, Rhoose, Barry, South Glamorgan, Cf62 3bt Environment Agency, Welsh Region Not Supplied Ag0003801 1 14th October 1980 14th October 1980 25th November 2012 Unspecified Land/Soakaway Soakaway Via Septic Tank New Consent, by Application (Water Resources Act 1991, Section 88) Located by supplier to within 10m	A8SE (SE)	157	1	309042 168420
	Discharge Consent	S				
5	Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status:	Dwr Cymru Cyfyngedig Sewage Disposal Works - Water Company Weycock Cross Stw Five Mile Lane B, Five Mile Lane Barry Environment Agency, Welsh Region River Thaw Af4021601 3 1st January 2010 26th June 2009 Not Supplied Sewage Discharges - Final/Treated Effluent - Water Company Freshwater Stream/River River Weycock Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Located by supplier to within 10m	A12NE (E)	193	1	309080 169500



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Discharge Consent	s				
5	Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Dwr Cymru Cyfyngedig Sewage Disposal Works - Water Company Weycock Cross Stw Five Mile Lane B, Five Mile Lane Barry Environment Agency, Welsh Region River Thaw Af4021601 2 14th November 1997 13th November 1997 31st December 2009 Sewage Discharges - Final/Treated Effluent - Water Company Freshwater Stream/River River Weycock Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Located by supplier to within 10m	A12NE (E)	193	1	309080 169500
6	Discharge Consent Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Dwr Cymru Cyfyngedig Sewerage Network - Pumping Station - Water Company Nant Talwg Ps Barry Environment Agency, Welsh Region Nant Talwg Ae1010701 5 31st March 2009 28th January 2009 Not Supplied Sewage Discharges - Pumping Station - Water Company Freshwater Stream/River Nant Talwg Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Located by supplier to within 10m	A4NE (SE)	270	1	309080 168170
6		Dwr Cymru Cyfyngedig Sewerage Network - Pumping Station - Water Company Nant Talwg Ps Barry Environment Agency, Welsh Region Nant Talwg Ae1010701 5 31st March 2009 28th January 2009 Not Supplied Public Sewage: Storm Sewage Overflow Freshwater Stream/River Nant Talwg Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Located by supplier to within 10m	A4NE (SE)	270	1	309080 168170
6	Discharge Consent Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Dwr Cymru Cyfyngedig Sewerage Network - Pumping Station - Water Company Nant Talwg Ps Barry Environment Agency, Welsh Region Nant Talwg Ae1010701 4 31st March 2008 31st March 2005 30th March 2009 Sewage Discharges - Pumping Station - Water Company Freshwater Stream/River Nant Talwg Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Located by supplier to within 10m	A4NE (SE)	270	1	309080 168170



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	Discharge Consents Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Dwr Cymru Cyfyngedig Sewerage Network - Pumping Station - Water Company Nant Talwg Ps Barry Environment Agency, Welsh Region Nant Talwg Ae1010701 4 31st March 2008 31st March 2005 30th March 2009 Public Sewage: Storm Sewage Overflow Freshwater Stream/River Nant Talwg Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Located by supplier to within 10m	A4NE (SE)	270	1	309080 168170
6	Discharge Consents Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy: Nearest Surface Wa	Dwr Cymru Cyfyngedig Sewerage Network - Pumping Station - Water Company Nant Talwg Ps Barry Environment Agency, Welsh Region Nant Talwg AE1010701 1 5th January 1959 5th January 1959 30th July 2004 Unspecified Freshwater Stream/River Nant Talwg New Consent, by Application (Water Resources Act 1991, Section 88) Located by supplier to within 100m	A4NE (SE)	270	1	309080 168170
	Nearest Surface Wa	iter Feature	A12NW (E)	0	-	308888 169399
	River Quality Name: GQA Grade: Reach: Estimated Distance (km): Flow Rate: Flow Type: Year:	Weycock River Quality B Conf.Llancarfan - Conf.At Lidmore 5.6 Flow less than 0.62 cumecs River 2000	A12NW (E)	0	1	308750 169426
	Groundwater Vulne Soil Classification: Map Sheet: Scale:		(E)	0	1	309820 169566
	Groundwater Vulne Soil Classification: Map Sheet: Scale:	Soils of Low Leaching Potential - Soils in which pollutants are unlikely to penetrate the soil layer because water movement is largely horizontal or they have large ability to attenuate diffuse pollutants. Lateral flow from these soils contribute to groundwater recharge elsewhere in the catchment Sheet 36 Mid Glamorgan 1:100,000	A12SW (SE)	0	1	308721 169185
	Groundwater Vulne Soil Classification: Map Sheet: Scale:	rability Not classified Sheet 36 Mid Glamorgan 1:100,000	A8SW (SE)	0	1	308920 168487
	Groundwater Vulne Soil Classification: Map Sheet: Scale:	Not classified Sheet 36 Mid Glamorgan 1:100,000	(SE)	0	1	309786 168623
	Groundwater Vulne Soil Classification: Map Sheet: Scale:	Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise Sheet 36 Mid Glamorgan 1:100,000	(SE)	0	1	309615 168515



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Agency & Hydrological

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne Soil Classification: Map Sheet: Scale:	Soils of Intermediate Leaching Potential (I1) - Soils which can possibly transmit a wide range of pollutants Sheet 36 Mid Glamorgan 1:100,000	A8SE (SE)	0	1	309135 168549
	Groundwater Vulne	erability				
	Soil Classification: Map Sheet: Scale:	Not classified Sheet 36 Mid Glamorgan 1:100,000	A11NE (E)	0	1	308544 169367
	Groundwater Vulne	erability				
	Soil Classification: Map Sheet: Scale:	Soils of High Leaching Potential (H1) - Soils which readily transmit liquid discharges because they are either shallow, or susceptible to rapid by-pass flow directly to rock, gravel or groundwater Sheet 36 Mid Glamorgan 1:100,000	A11NE (E)	0	1	308548 169365
	Groundwater Vulne	erability				
	Soil Classification: Map Sheet: Scale:	Not classified Sheet 36 Mid Glamorgan 1:100,000	(NE)	0	1	309570 171010
	Groundwater Vulne	erability				
	Soil Classification: Map Sheet: Scale:	Soils of Intermediate Leaching Potential (I1) - Soils which can possibly transmit a wide range of pollutants Sheet 36 Mid Glamorgan 1:100,000	A11NE (NW)	0	1	308451 169468
	Groundwater Vulne	erability				
	Soil Classification: Map Sheet: Scale:	Not classified Sheet 36 Mid Glamorgan 1:100,000	A16SE (NE)	0	1	309226 169686
	Groundwater Vulne	erability				
	Soil Classification: Map Sheet:	Soils of Low Leaching Potential - Soils in which pollutants are unlikely to penetrate the soil layer because water movement is largely horizontal or they have large ability to attenuate diffuse pollutants. Lateral flow from these soils contribute to groundwater recharge elsewhere in the catchment Sheet 36 Mid Glamorgan	A16SW (N)	0	1	308673 169817
	Scale:	1:100,000				
	Groundwater Vulne Soil Classification: Map Sheet: Scale:	Soils of Low Leaching Potential - Soils in which pollutants are unlikely to penetrate the soil layer because water movement is largely horizontal or they have large ability to attenuate diffuse pollutants. Lateral flow from these soils contribute to groundwater recharge elsewhere in the catchment Sheet 36 Mid Glamorgan 1:100,000	(N)	0	1	308138 170379
	Groundwater Vulne					
	Soil Classification: Map Sheet:	Soils of Low Leaching Potential - Soils in which pollutants are unlikely to penetrate the soil layer because water movement is largely horizontal or they have large ability to attenuate diffuse pollutants. Lateral flow from these soils contribute to groundwater recharge elsewhere in the catchment Sheet 36 Mid Glamorgan	(N)	0	1	307887 171424
	Scale:	1:100,000				
	Groundwater Vulne Soil Classification: Map Sheet:	Soils of High Leaching Potential (H3)- Coarse textured or moderately shallow soils which readily transmit non-absorbed pollutants and liquid discharges but which have some ability to attenuate absorbed pollutants because of their large clay or organic matter contents Sheet 36 Mid Glamorgan	(N)	0	1	308489 170973
	Scale:	1:100,000				
	Drift Deposits None					
	Bedrock Aquifer De	esignations				
	•	Secondary Aquifer - A	A15NE (N)	0	2	308544 170000
	Bedrock Aquifer De Aquifer Desination:	esignations Secondary Aquifer - A	(E)	0	2	309999 169367
	Bedrock Aquifer De Aquifer Desination:	esignations Secondary Aquifer - A	(NE)	0	2	309999 170019
	Bedrock Aquifer De Aquifer Desination:	esignations Secondary Aquifer - B	A16NW (N)	0	2	308664 170000



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Bedrock Aquifer Designations Aquifer Desination: Secondary Aquifer - B	A11NE (E)	0	2	308544 169367
	Bedrock Aquifer Designations Aquifer Desination: Secondary Aquifer - B	(SE)	0	2	309774 168630
	Bedrock Aquifer Designations Aquifer Desination: Secondary Aquifer - B	(E)	0	2	310063 168928
	Bedrock Aquifer Designations Aquifer Desination: Secondary Aquifer - B	A8SW (S)	0	2	308891 168490
	Bedrock Aquifer Designations Aquifer Desination: Secondary Aquifer - A	A16NW (N)	0	2	308744 170000
	Bedrock Aquifer Designations Aquifer Desination: Secondary Aquifer - A	A11NE (W)	0	2	308502 169381
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A11SE (SE)	0	2	308649 169233
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A12SW (SE)	0	1	308690 169265
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A12SW (SE)	0	1	308670 169235
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
7	River Type: Primary River River Name: River Waycock Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Flood Risk Management Indicative/Statutory Main River Management Status: Water Course WAYCOCK Name: Water Course 870 Reference:	A12SW (SE)	0	1	308821 169200
8	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A12NW (E)	0	1	308729 169400



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A12SE (E)	2	1	309122 169174
10	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A12SE (E)	3	1	309076 169222
11	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A12SE (E)	3	1	309076 169222
12	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A12NW (E)	3	1	308963 169390
13	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A12SE (E)	3	1	309077 169221
14	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A12SE (SE)	6	1	309282 169005



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A12NW (E)	20	1	308881 169438
16	Detailed River Network Lines River Type: Primary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Flood Risk Management Indicative/Statutory Main River Management Status: Water Course WAYCOCK Name: Water Course 870 Reference:	A12NW (E)	20	1	308881 169438
17	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A12NW (E)	27	1	308881 169447
18	Detailed River Network Lines River Type: Primary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Flood Risk Management Indicative/Statutory Main River Management Status: Water Course WAYCOCK Name: Water Course 870 Reference:	A12NW (E)	27	1	308881 169447
19	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A12NW (E)	34	1	308963 169390
20	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A15SE (N)	80	1	308523 169677



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	Detailed River Network Lines River Type: Tertiary River River Name: Drain Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Drain (ditch, Reen, Rhyne, Drain) Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A15SE (N)	80	1	308523 169677
22	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Reference:	A12SE (E)	81	1	309170 169233
23	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A12NW (E)	85	1	308956 169462
24	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A12NW (E)	85	1	308956 169462
25	Detailed River Network Lines River Type: Tertiary River River Name: Drain Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Drain (ditch, Reen, Rhyne, Drain) Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A11NE (N)	114	1	308559 169426
26	Detailed River Network Lines River Type: Secondary River Drain Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Drain (ditch, Reen, Rhyne, Drain) Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A12SW (SE)	119	1	308784 169264



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
27	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A12SE (E)	148	1	309253 169236
28	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Reference:	A12SW (SE)	168	1	308784 169263
29	Detailed River Network Lines River Type: Primary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Flood Risk Management Indicative/Statutory Main River Management Status: Water Course WAYCOCK Name: Water Course 870 Reference:	A12SW (SE)	195	1	308689 169151
30	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A12NE (E)	202	1	309071 169521
31	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Secondary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A12NE (E)	202	1	309072 169519
32	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A8NE (SE)	203	1	309126 168674



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
33	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Secondary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A12NE (E)	211	1	309183 169433
34	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Reference:	A12SE (E)	216	1	309311 169271
35	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A12NE (E)	219	1	309183 169433
36	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A15SE (N)	239	1	308431 169923
37	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A4NE (SE)	240	1	309308 168194
38	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A15SE (N)	243	1	308431 169923



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
39	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Secondary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A8NE (SE)	261	1	309121 168679
40	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Reference:	A8NE (SE)	261	1	309119 168678
41	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A8NE (SE)	268	1	309115 168681
42	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A8NE (SE)	272	1	309116 168682
43	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A8NW (SE)	272	1	308919 168769
44	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A8NW (SE)	306	1	308919 168769



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
45	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A11SE (S)	331	1	308504 169231
46	Detailed River Network Lines River Type: Tertiary River River Name: Drain Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Drain (ditch, Reen, Rhyne, Drain) Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A11SE (S)	340	1	308524 169210
47	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A10NE (W)	368	1	307693 169584
48	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A11SE (S)	371	1	308585 169148
49	Detailed River Network Lines River Type: Secondary River River Name: Drain Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Drain (ditch, Reen, Rhyne, Drain) Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A11SE (S)	371	1	308585 169148
50	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A14NW (NW)	377	1	307546 170159



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
51	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A8NW (SE)	401	1	308763 168844
52	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Reference:	A11SE (S)	412	1	308616 169075
53	Detailed River Network Lines River Type: Primary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Flood Risk Management Indicative/Statutory Main River Management Status: Water Course WAYCOCK Name: Water Course 870 Reference:	A11SE (S)	420	1	308562 169077
54	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A11SE (S)	426	1	308635 169053
55	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A16SE (NE)	435	1	308994 169858
56	Detailed River Network Lines River Type: Primary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Flood Risk Management Indicative/Statutory Main River Management Status: Water Course WAYCOCK Name: Water Course 870 Reference:	A16SE (NE)	438	1	309001 169858



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
57	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A8NW (S)	450	1	308694 168939
58	Detailed River Network Lines River Type: Primary River Waycock Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Flood Risk Management Indicative/Statutory Main River Management Status: Water Course WAYCOCK Name: Water Course 870 Reference:	A11SE (S)	455	1	308552 169071
59	Detailed River Network Lines River Type: Tertiary River River Name: Drain Hydrographic Area: D008 River Flow Type: Secondary Flow Path River Surface Level: Surface Drain Feature: Drain (ditch, Reen, Rhyne, Drain) Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A7NE (S)	462	1	308626 168928
60	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A8NW (SE)	471	1	308763 168844
61	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A8NW (S)	477	1	308692 168646
62	Detailed River Network Lines River Type: Primary River River Name: River Waycock Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Flood Risk Management Indicative/Statutory Main River Management Status: Water Course WAYCOCK Name: Water Course 870 Reference:	A16SE (NE)	494	1	309162 169820



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Detailed River Netw	ork Lines				
63	River Type: River Name: Hydrographic Area: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Drain (ditch, Reen, Rhyne, Drain) Other Rivers	A16SE (NE)	494	1	309162 169820
	Detailed River Netw	ork Offline Drainage				
64	River Type: Hydrographic Area:	Tertiary River D008	A12SW (SE)	319	1	308783 169004



Waste

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority La	andfill Coverage				
	Name:	Vale Of Glamorgan County Borough Council - Has supplied landfill data		0	4	308544 169367

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Soli	d Geology				
	Description:	Lower Lias	A11NE (E)	0	2	308544 169367
	BGS Estimated Soil	Chemistry	(=/			
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg <1.8 mg/kg 40 - 60 mg/kg <150 mg/kg 30 - 45 mg/kg	A12SE (SE)	0	3	309181 169000
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg <1.8 mg/kg 40 - 60 mg/kg <150 mg/kg 30 - 45 mg/kg	A12SE (E)	0	3	309000 169258
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg <1.8 mg/kg 60 - 90 mg/kg <150 mg/kg 30 - 45 mg/kg	A15NW (NW)	0	3	308000 170000
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg <1.8 mg/kg 60 - 90 mg/kg	A15NE (N)	0	3	308544 170000
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg <150 mg/kg 30 - 45 mg/kg	A8SE (SE)	0	3	309000 168526
	BGS Estimated Soil					
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg <150 mg/kg 30 - 45 mg/kg	A12NE (E)	0	3	309000 169367



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry					
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A12SE (E)	0	3	309024 169277
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	I Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	A11NE (SE)	0	3	308592 169336
	Arsenic Concentration:	15 - 25 mg/kg	(==/			
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	40 - 60 mg/kg				
	Lead Concentration: Nickel Concentration:	30 - 45 mg/kg				
	BGS Estimated Soil	I Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A11SE (SE)	0	3	308650 169232
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	I Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A11NW (W)	0	3	308000 169367
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	40 - 60 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	I Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A11NE (W)	0	3	308503 169381
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium	40 - 60 mg/kg				
	Concentration: Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	I Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A11NE (E)	0	3	308544 169367
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry					
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A8NE (SE)	0	3	309000 168889
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	40 - 60 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	A11NE (NE)	12	3	308631 169571
	Arsenic Concentration:	15 - 25 mg/kg	('/			
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	40 - 60 mg/kg ~150 mg/kg				
	Nickel Concentration:	30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A12SW (SE)	24	3	308834 169107
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	40 - 60 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A12SE (SE)	29	3	309103 169000
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A14NE (NW)	51	3	307864 170000
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration:	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	A10NE (W)	52	3	307858 169367
	Arsenic Concentration: Cadmium	15 - 25 mg/kg <1.8 mg/kg				
	Concentration: Chromium	40 - 60 mg/kg				
	Concentration: Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	I Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A12SE (SE)	53	3	309000 169078
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	I Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	A8NE (SE)	67	3	309000 168894
	Arsenic Concentration:	<15 mg/kg				
	Cadmium Concentration: Chromium	<1.8 mg/kg 60 - 90 mg/kg				
	Concentration: Lead Concentration:	<150 mg/kg				
	Nickel Concentration:	30 - 45 mg/kg				
	BGS Estimated Soil	I Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A12SE (E)	77	3	309312 169141
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	I Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A12SE (SE)	93	3	309000 168999
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	40 - 60 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	I Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A8SE (SE)	109	3	309216 168591
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	40 - 60 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	I Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	A12SE (SE)	110	3	309004 169000
	Arsenic Concentration: Cadmium	15 - 25 mg/kg <1.8 mg/kg				
	Concentration: Chromium	40 - 60 mg/kg				
	Concentration: Lead Concentration: Nickel					
	Concentration:	oo io iiig ng				



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Source: Soil Sample Type: Arsenic	Chemistry British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A12SW (SE)	140	3	308946 169049
	Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	<1.8 mg/kg 60 - 90 mg/kg <150 mg/kg 30 - 45 mg/kg				
		Chamista				
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 40 - 60 mg/kg	A8NE (SE)	148	3	309019 168698
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg <1.8 mg/kg 40 - 60 mg/kg	A8NE (SE)	150	3	309000 168691
	Concentration: Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	•				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A8SE (SE)	151	3	309000 168428
	Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration: Nickel	40 - 60 mg/kg <150 mg/kg 30 - 45 mg/kg				
	Concentration:					
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium	Chemistry British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg	A12SE (SE)	185	3	309000 169000
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration:	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg <1.8 mg/kg 40 - 60 mg/kg	A12SW (SE)	188	3	308949 168963
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A12SW (SE)	188	3	308909 169000
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg <150 mg/kg				
	Nickel Concentration:	30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A12NE (NE)	193	3	308996 169570
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	Chamistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A12NE (NE)	195	3	308996 169570
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	40 - 60 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A12NE (NE)	197	3	309000 169569
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	40 - 60 mg/kg				
	Nickel Concentration:	30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A8SW (S)	199	3	308892 168490
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg				
	Nickel Concentration:	30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	A7NE (S)	199	3	308539 168731
	Arsenic Concentration: Cadmium	15 - 25 mg/kg <1.8 mg/kg				
	Concentration: Chromium Concentration:	40 - 60 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A15SE (N)	223	3	308570 169819
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	40 - 60 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	A8NE (SE)	257	3	308997 168894
	Arsenic Concentration:	<15 mg/kg				
	Cadmium Concentration: Chromium	<1.8 mg/kg 60 - 90 mg/kg				
	Concentration: Lead Concentration:	<150 mg/kg				
	Nickel Concentration:	30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A12SW (SE)	259	3	308746 169000
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	40 - 60 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soi	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A8NW (S)	259	3	308696 168896
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	40 - 60 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A15NE (N)	296	3	308473 170000
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
		I Ohamilatus				
	BGS Estimated Soil Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	A16NW	312	3	308665 170000
	Arsenic Concentration:	<15 mg/kg	(N)			170000
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg ~150 mg/kg				
	Nickel Concentration:	30 - 45 mg/kg				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	I Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A16SE (NE)	319	3	309000 169721
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	I Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	A8NE (SE)	326	3	309000 168737
	Arsenic Concentration: Cadmium	<15 mg/kg				
	Concentration: Chromium	<1.8 mg/kg 60 - 90 mg/kg				
	Concentration: Lead Concentration:	<150 mg/kg				
	Nickel Concentration:	30 - 45 mg/kg				
	BGS Estimated Soil	I Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A8NE (SE)	333	3	309000 168706
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	I Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A8NW (SE)	338	3	308968 168721
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	I Chomietry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A8NW (SE)	351	3	308970 168753
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration:	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	I Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	A8NW (SE)	372	3	308934 168771
	Arsenic Concentration: Cadmium	<15 mg/kg <1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration:	<150 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil					
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A8NW (SE)	373	3	308915 168703
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	A11SE (S)	383	3	308544 169000
	Arsenic Concentration: Cadmium	<15 mg/kg <1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel	<150 mg/kg 30 - 45 mg/kg				
	Concentration:					
	BGS Estimated Soil					
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A8NW (SE)	389	3	308886 168785
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A7NE (S)	402	3	308558 168806
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	Chomistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A4NE (SE)	410	3	309143 168000
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	Chamistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	A4NE (S)	415	3	309000 168000
	Arsenic Concentration: Cadmium	15 - 25 mg/kg <1.8 mg/kg				
	Concentration: Chromium	40 - 60 mg/kg				
	Concentration: Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A16SE (NE)	441	3	309238 169693
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration: Nickel	60 - 90 mg/kg <150 mg/kg 30 - 45 mg/kg				
	Concentration:					
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium	Chemistry British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg <1.8 mg/kg	A7NE (S)	445	3	308603 168913
	Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	30 - 45 mg/kg				
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium	Chemistry British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg <1.8 mg/kg	A3NE (S)	458	3	308544 168000
	Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	60 - 90 mg/kg <150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil Source: Soil Sample Type:	Chemistry British Geological Survey, National Geoscience Information Service Sediment	A16NW (N)	462	3	308746 170000
	Arsenic Concentration: Cadmium	15 - 25 mg/kg <1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	(SE)	496	3	309331 167920
	Cadmium Concentration: Chromium	<1.8 mg/kg 40 - 60 mg/kg				
	Concentration: Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Recorded Mine	eral Sites				
65	Site Name: Location: Source: Reference: Type: Status: Operator: Operator Location: Periodic Type: Geology:	Sutton , Barry, South Glamorgan British Geological Survey, National Geoscience Information Service 161183 Opencast Ceased Unknown Operator Unknown Operator Jurassic Porthkerry Member	A15SW (NW)	18	2	307992 169797
	Commodity:	Limestone Located by supplier to within 10m				
	BGS Measured Urba No data available	an Soil Chemistry				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Urban Soil Ch	emistry Averages				
	No data available					
	Coal Mining Affects					
		t not be affected by coal mining				
	No Hazard	reas of Great Britain				
	-	sible Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	A11SE (SE)	0	2	308649 169233
	Potential for Collap	sible Ground Stability Hazards				
	Hazard Potential:	Very Low	A15NE	0	2	308544
	Source:	British Geological Survey, National Geoscience Information Service	(N)			170000
	Hazard Potential:	osible Ground Stability Hazards Very Low	A12SW	0	2	308833
	Source:	British Geological Survey, National Geoscience Information Service	(SE)		_	169108
	Potential for Collap	sible Ground Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	A11NE (E)	0	2	308544 169367
		ressible Ground Stability Hazards	(=)			100007
	Hazard Potential:	Low	A12SE	0	2	309023
	Source:	British Geological Survey, National Geoscience Information Service	(E)			169277
	-	ressible Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	A12SW (SE)	0	2	308833 169108
	Potential for Comp	ressible Ground Stability Hazards				
	Hazard Potential:	No Hazard	A11NE	0	2	308544
	Source:	British Geological Survey, National Geoscience Information Service	(E)			169367
	Potential for Comp Hazard Potential:	ressible Ground Stability Hazards Moderate	A11SE	0	2	308649
	Source:	British Geological Survey, National Geoscience Information Service	(SE)		2	169233
	Potential for Comp	ressible Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	A15NE (N)	0	2	308544 170000
	Potential for Groun	d Dissolution Stability Hazards				
	Hazard Potential:	Low	A12SE	0	2	309023
	Source:	British Geological Survey, National Geoscience Information Service	(E)			169277
	Hazard Potential:	No Hazard	A11NE	0	2	308591
	Source:	British Geological Survey, National Geoscience Information Service	(SE)			169337
		d Dissolution Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	A12SW (SE)	0	2	308833 169108
	Potential for Groun	nd Dissolution Stability Hazards				
	Hazard Potential:	No Hazard	A15NE	0	2	308544
	Source:	British Geological Survey, National Geoscience Information Service	(N)			170000
		d Dissolution Stability Hazards	A446E	0	0	200640
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	A11SE (SE)	0	2	308649 169233
	Potential for Groun	d Dissolution Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	A16NW (N)	0	2	308744 170000
		nd Dissolution Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	A11NE (W)	0	2	308502 169381
		nd Dissolution Stability Hazards	(**)			
	Hazard Potential:	No Hazard	A11NE	12	2	308631
	Source:	British Geological Survey, National Geoscience Information Service	(NE)			169570
		d Dissolution Stability Hazards	4015	400		202122
	Hazard Potential: Source:	Low British Geological Survey, National Geoscience Information Service	A8NE (SE)	109	2	309102 168671



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/lap ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Ground Dissolution Stability Hazards				
	Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A8NE (SE)	149	2	309159 168622
	Potential for Ground Dissolution Stability Hazards				
	Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12NE (NE)	194	2	308995 169570
	Potential for Ground Dissolution Stability Hazards	(1.12)			
	Hazard Potential: No Hazard	A15SE	223	2	308569
	Source: British Geological Survey, National Geoscience Information Service Potential for Landslide Ground Stability Hazards	(N)			169819
	Hazard Potential: Low	A11NE	0	2	308544
	Source: British Geological Survey, National Geoscience Information Service	(E)			169367
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low	A11NE	0	2	308502
	Source: British Geological Survey, National Geoscience Information Service	(W)	U	2	169381
	Potential for Landslide Ground Stability Hazards		_	_	
	Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NE (SE)	0	2	308591 169337
	Potential for Landslide Ground Stability Hazards				
	Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A15NE (N)	0	2	308544 170000
	Potential for Landslide Ground Stability Hazards	(-7)			
	Hazard Potential: Low	A12SW	35	2	308945
	Source: British Geological Survey, National Geoscience Information Service Potential for Landslide Ground Stability Hazards	(SE)			169049
	Hazard Potential: Low	A8SW	43	2	308921
	Source: British Geological Survey, National Geoscience Information Service	(SE)			168500
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low	A15SE	68	2	308519
	Source: British Geological Survey, National Geoscience Information Service	(N)	00		169672
	Potential for Landslide Ground Stability Hazards	4.400			
	Hazard Potential: Low British Geological Survey, National Geoscience Information Service	A12SE (E)	76	2	309311 169141
	Potential for Landslide Ground Stability Hazards				
	Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A15SE (N)	99	2	308549 169690
	Potential for Landslide Ground Stability Hazards				
	Hazard Potential: Low	A8NE	149	2	309159
	Source: British Geological Survey, National Geoscience Information Service Potential for Landslide Ground Stability Hazards	(SE)			168622
	Hazard Potential: Very Low	A15SE	176	2	308566
	Source: British Geological Survey, National Geoscience Information Service	(N)			169763
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low	A8NE	249	2	308999
	Source: British Geological Survey, National Geoscience Information Service	(SE)			168888
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard	A15NE	0	2	308544
	Hazard Potential: No Hazard Source: No Hazard British Geological Survey, National Geoscience Information Service	(N)	U	2	170000
	Potential for Running Sand Ground Stability Hazards				
	Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NE (E)	0	2	308544 169367
	Potential for Running Sand Ground Stability Hazards	()			
	Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12SW (SE)	0	2	308833 169108
	Potential for Running Sand Ground Stability Hazards	(SE)			109100
	Hazard Potential: Low	A11SE	0	2	308649
	Source: British Geological Survey, National Geoscience Information Service	(SE)			169233
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low	A12SE	0	2	309023
	Source: British Geological Survey, National Geoscience Information Service	(E)	-	_	16927
	Potential for Running Sand Ground Stability Hazards	A CA 1147	400	2	00000
	Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A8NW (SE)	109	2	308969 168753



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	A11NE (SE)	0	2	308591 169337
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	A15NE (N)	0	2	308544 170000
		ing or Swelling Clay Ground Stability Hazards	(. 1)			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	A11NE (W)	0	2	308502 169381
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards	()			
	Hazard Potential: Source:	Low British Geological Survey, National Geoscience Information Service	A16NW (N)	0	2	308664 170000
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	Low British Geological Survey, National Geoscience Information Service	A11NE (E)	0	2	308544 169367
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	A16NW (N)	0	2	308744 170000
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	A11SE (SE)	0	2	308649 169233
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	Low British Geological Survey, National Geoscience Information Service	A8SW (S)	0	2	308891 168490
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	A12SW (SE)	0	2	308833 169108
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	A11NE (NE)	12	2	308631 169570
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	Low British Geological Survey, National Geoscience Information Service	A12SW (SE)	30	2	308945 169049
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential:	Low	A16SE	76	2	309237
	Source:	British Geological Survey, National Geoscience Information Service	(NE)			169693
		ing or Swelling Clay Ground Stability Hazards	AONE	400	0	200040
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	A8NE (SE)	109	2	309018 168698
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	A15SE (N)	223	2	308569 169819
	Radon Potential - R	adon Protection Measures				
		No radon protective measures are necessary in the construction of new dwellings or extensions British Geological Survey, National Geoscience Information Service	(SE)	0	2	309374 168875
	Source:	<u> </u>				
		adon Protection Measures No radon protective measures are necessary in the construction of new	A12SE	0	2	308999
	Source:	dwellings or extensions British Geological Survey, National Geoscience Information Service	(SE)		-	169175
	Radon Potential - R	adon Protection Measures				
		No radon protective measures are necessary in the construction of new dwellings or extensions	A15NE (N)	0	2	308549 170000
	Source:	British Geological Survey, National Geoscience Information Service	()			
	Radon Potential - R	adon Protection Measures				
		Basic radon protective measures are necessary in the construction of new dwellings or extensions	A11NE (E)	0	2	308544 169367
	Source:	British Geological Survey, National Geoscience Information Service				
		adon Protection Measures No radon protective measures are necessary in the construction of new	A11NE	0	2	308424
	t .	dwellings or extensions	(W)	1		169375



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Radon Potential - R	Radon Protection Measures				
	Protection Measure: Source:	Basic radon protective measures are necessary in the construction of new dwellings or extensions British Geological Survey, National Geoscience Information Service	A15NE (N)	0	2	308599 170000
	Radon Potential - R	Radon Affected Areas				
	Affected Area: Source:	The property is in a lower probability radon area, as less than 1% of homes are above the action level British Geological Survey, National Geoscience Information Service	(SE)	0	2	309374 168875
		Radon Affected Areas				
	Affected Area: Source:	The property is in a lower probability radon area, as less than 1% of homes are above the action level British Geological Survey, National Geoscience Information Service	A12SE (SE)	0	2	308999 169175
	Radon Potential - R	Radon Affected Areas				
	Affected Area: Source:	The property is in a lower probability radon area, as less than 1% of homes are above the action level British Geological Survey, National Geoscience Information Service	A15NE (N)	0	2	308549 170000
	Radon Potential - R	Radon Affected Areas				
	Affected Area: Source:	The property is in an intermediate probability radon area, as between 5 and 10% of homes are above the action level British Geological Survey, National Geoscience Information Service	A11NE (E)	0	2	308544 169367
	Radon Potential - R	Radon Affected Areas				
	Affected Area:	The property is in a lower probability radon area, as less than 1% of homes are above the action level	A11NE (W)	0	2	308424 169375
	Source:	British Geological Survey, National Geoscience Information Service				
	Radon Potential - R	Radon Affected Areas				
	Affected Area: Source:	The property is in an intermediate probability radon area, as between 5 and 10% of homes are above the action level British Geological Survey, National Geoscience Information Service	A15NE (N)	0	2	308599 170000



Sensitive Land Use

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Sites of Special Sci	entific Interest				
66	Name: Multiple Areas: Total Area (m2): Source: Reference: Designation Details: Designation Date: Date Type:	Coedydd Y Barri / Barry Woodlands Y 1199578.66 Natural Resources Wales (NRW) - formerly CCW 293633wpg Biological 4th April 2007 Notified	A12SE (E)	0	5	309141 169142

Order Number: 51886031_1_1 Date: 18-Dec-2013 rpr_ec_datasheet v47.0 A Landmark Information Group Service Page 32 of 38



Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Vale Of Glamorgan County Borough Council - Environmental Health Department	October 2012	Annual Rolling Update
Discharge Consents		
Environment Agency - Welsh Region	October 2013	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Welsh Region	March 2013	As notified
Integrated Pollution Controls		
Environment Agency - Welsh Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control		
Environment Agency - Welsh Region	October 2013	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Vale Of Glamorgan County Borough Council - Environmental Health Department	November 2012	Annual Rolling Update
Local Authority Pollution Prevention and Controls		
Vale Of Glamorgan County Borough Council - Environmental Health Department	November 2012	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
/ale Of Glamorgan County Borough Council - Environmental Health Department	November 2012	Annual Rolling Update
Nearest Surface Water Feature		
Ordnance Survey	July 2012	Quarterly
Pollution Incidents to Controlled Waters		
Environment Agency - Welsh Region	December 1998	Not Applicable
Prosecutions Relating to Authorised Processes		
Environment Agency - Welsh Region	March 2013	As notified
Prosecutions Relating to Controlled Waters		
Environment Agency - Welsh Region	March 2013	As notified
Registered Radioactive Substances		1.0.1.0.1.0
Environment Agency - Welsh Region	October 2013	Quarterly
River Quality	0000012010	Quartony
Environment Agency - Head Office	November 2001	Not Applicable
	November 2001	140t Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
	July 2012	Ailitidally
River Quality Chemistry Sampling Points	luly 2012	Annually
Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register	0.11.0010	
Environment Agency Wales - South East Area	October 2013	Quarterly
Water Abstractions		
Environment Agency - Welsh Region	October 2013	Quarterly
Water Industry Act Referrals		_
Environment Agency - Welsh Region	October 2013	Quarterly
Groundwater Vulnerability		
Environment Agency - Head Office	January 2011	Not Applicable
Drift Deposits		
Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations		
British Geological Survey - National Geoscience Information Service	October 2012	Annually
Superficial Aquifer Designations		
British Geological Survey - National Geoscience Information Service	October 2012	Annually
Source Protection Zones		
Environment Agency - Head Office	October 2013	Quarterly
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	August 2013	Quarterly

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Agency & Hydrological	Version	Update Cycle
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	August 2013	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	August 2013	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	August 2013	Quarterly
Flood Defences		
Environment Agency - Head Office	August 2013	Quarterly
Detailed River Network Lines		
Environment Agency - Head Office	March 2012	Annually
Detailed River Network Offline Drainage		
Environment Agency - Head Office	March 2012	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 - South East Region - Kent & South London Area	October 2013	Quarterly
Environment Agency - South East Region - North East Thames Area	October 2013	Quarterly
Environment Agency - South East Region - Solent & South Downs Area	October 2013	Quarterly
Environment Agency - South East Region - West Thames Area	October 2013	Quarterly
Environment Agency Wales - South East Area	October 2013	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Welsh Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - South East Region - Kent & South London Area	October 2013	Quarterly
Environment Agency - South East Region - North East Thames Area	October 2013	Quarterly
Environment Agency - South East Region - Solent & South Downs Area	October 2013	Quarterly
Environment Agency - South East Region - West Thames Area	October 2013	Quarterly
Environment Agency Wales - South East Area	October 2013	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency Wales - South East Area	October 2013	Quarterly
Local Authority Landfill Coverage		
Vale Of Glamorgan County Borough Council	May 2000	Not Applicable
Local Authority Recorded Landfill Sites	•	
Vale Of Glamorgan County Borough Council	May 2000	Not Applicable
Registered Landfill Sites	.,	11
Environment Agency Wales - South East Area	March 2003	Not Applicable
Registered Waste Transfer Sites		11
Environment Agency Wales - South East Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites	3	- The second
Environment Agency Wales - South East Area	March 2003	Not Applicable
Entrioninon rigorioy traico Coulii Eust Aloa	Iviaion 2000	1 tot Applicable



Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)	August 2042	Di Annualli.
Health and Safety Executive	August 2013	Bi-Annually
Explosive Sites Health and Safety Executive	November 2013	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Vale Of Glamorgan County Borough Council - Planning Department	January 2013	Annual Rolling Update
Planning Hazardous Substance Consents Vale Of Glamorgan County Borough Council - Planning Department	January 2013	Annual Rolling Update
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	August 1996	Not Applicable
BGS Estimated Soil Chemistry		Тотт фриналия
British Geological Survey - National Geoscience Information Service	January 2010	Variable
BGS Recorded Mineral Sites		
British Geological Survey - National Geoscience Information Service	October 2013	Bi-Annually
Coal Mining Affected Areas		
The Coal Authority - Mining Report Service	January 2012	As notified
Mining Instability	0 / 1 0000	N A F I.
Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	February 2011	Not Applicable
Potential for Collapsible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Ground Dissolution Stability Hazards		
British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Landslide Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Running Sand Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	October 2013	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	luky 2044	As notified
	July 2011	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	As notified
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries		
Thomson Directories	November 2013	Quarterly
Fuel Station Entries		
Catalist Ltd - Experian	August 2013	Quarterly

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Sensitive Land Use	Version	Update Cycle
Areas of Outstanding Natural Beauty		
Natural Resources Wales (NRW) - formerly CCW	May 2013	Bi-Annually
Environmentally Sensitive Areas		
The National Assembly for Wales - GI Services (Department of Planning & Countryside)	August 2008	Annually
Forest Parks		
Forestry Commission	April 1997	Not Applicable
Local Nature Reserves		
Vale Of Glamorgan County Borough Council	May 2013	Bi-Annually
Marine Nature Reserves		
Natural Resources Wales (NRW) - formerly CCW	May 2013	Bi-Annually
National Nature Reserves		
Natural Resources Wales (NRW) - formerly CCW	May 2013	Bi-Annually
Nitrate Sensitive Areas		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2012	Not Applicable
Nitrate Vulnerable Zones		
The National Assembly for Wales - GI Services (Department of Planning & Countryside)	October 2005	Annually
Ramsar Sites		
Natural Resources Wales (NRW) - formerly CCW	May 2013	Bi-Annually
Sites of Special Scientific Interest		
Natural Resources Wales (NRW) - formerly CCW	May 2013	Bi-Annually
Special Areas of Conservation		
Natural Resources Wales (NRW) - formerly CCW	May 2013	Bi-Annually
Special Protection Areas		
Natural Resources Wales (NRW) - formerly CCW	May 2013	Bi-Annually

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Data Suppliers

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	Cordnance Survey®
Environment Agency	Environment Agency
Scottish Environment Protection Agency	SEPA Scottish Environment Protection Agency
The Coal Authority	THE COAL AUTHORITY
British Geological Survey	British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Countryside Council for Wales	CYNGOR CEFN GWLAD CYMRU COUNTRYSIDE COUNCIL FOR WALES
Scottish Natural Heritage	SCOTTISH NATURAL HERITAGE 必公司
Natural England	NATURAL ENGLAND
Public Health England	Public Health England
Ove Arup	ARUP
Peter Brett Associates	peterbrett



Useful Contacts

Contact	Name and Address	Contact Details
1	Environment Agency - National Customer Contact Centre (NCCC)	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
	PO Box 544, Templeborough, Rotherham, S60 1BY	
2	British Geological Survey - Enquiry Service British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
3	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmark.co.uk Website: www.landmarkinfo.co.uk
4	Vale Of Glamorgan County Borough Council Civic Offices, Holton Road, Barry, South Glamorgan, CF63 4RU	Telephone: 01446 700111 Fax: 01446 745566 Website: www.valeofglamorgan.gov.uk
5	Natural Resources Wales (NRW) - formerly CCW Plas Penrhose, Fford Penrhos, Bangor, Gwynedd, LL57 2LQ	Telephone: 01248 385500 Fax: 01248 355782
-	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 / SEPA have a charging policy in place for enquiries.



Envirocheck® Report:

Datasheet

Order Details:

Order Number:

51886031_1_1

Customer Reference:

3512646D-HHC

National Grid Reference:

307880, 171650

Slice:

D

Site Area (Ha):

20.09

Search Buffer (m):

500

Site Details:

Cardiff International Airport And Culverhouse Cross Cardiff CF5 6XW

Client Details:

Mr G Jones Parsons Brinckerhoff Ltd 29 Cathedral Road Cardiff CF11 9HA







Report Section	Page Number
Summary	-
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Hazardous Substances	-
Geological	13
Industrial Land Use	-
Sensitive Land Use	20
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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 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 the attached 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 v47.0



Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Agency & Hydrological				
Contaminated Land Register Entries and Notices				
Discharge Consents	pg 1		3	1
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				
Local Authority Pollution Prevention and Control Enforcements				
Nearest Surface Water Feature	pg 1	Yes		
Pollution Incidents to Controlled Waters				
Prosecutions Relating to Authorised Processes				
Prosecutions Relating to Controlled Waters				
Registered Radioactive Substances				
River Quality				
River Quality Biology Sampling Points				
River Quality Chemistry Sampling Points				
Substantiated Pollution Incident Register				
Water Abstractions				
Water Industry Act Referrals				
Groundwater Vulnerability	pg 2	Yes	n/a	n/a
Bedrock Aquifer Designations	pg 3	Yes	n/a	n/a
Superficial Aquifer Designations	pg 3	Yes	n/a	n/a
Source Protection Zones				
Extreme Flooding from Rivers or Sea without Defences	pg 4	Yes		n/a
Flooding from Rivers or Sea without Defences	pg 4	Yes	Yes	n/a
Areas Benefiting from Flood Defences				n/a
Flood Water Storage Areas				n/a
Flood Defences				n/a
Detailed River Network Lines	pg 4	Yes	Yes	Yes
Detailed River Network Offline Drainage				



Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m
Waste				
BGS Recorded Landfill Sites				
Historical Landfill Sites	pg 12		1	
Integrated Pollution Control Registered Waste Sites				
Licensed Waste Management Facilities (Landfill Boundaries)				
Licensed Waste Management Facilities (Locations)				
Local Authority Recorded Landfill Sites	pg 12		1	
Registered Landfill Sites	pg 12		1	
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				
Geological				
BGS 1:625,000 Solid Geology	pg 13	Yes	n/a	n/a
BGS Estimated Soil Chemistry	pg 13	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 18		3	1
BGS Urban Soil Chemistry				
BGS Urban Soil Chemistry Averages				
Brine Compensation Area			n/a	n/a
Coal Mining Affected Areas			n/a	n/a
Mining Instability	pg 18	Yes	n/a	n/a
Man-Made Mining Cavities				
Natural Cavities				
Non Coal Mining Areas of Great Britain				n/a
Potential for Collapsible Ground Stability Hazards	pg 18	Yes		n/a
Potential for Compressible Ground Stability Hazards	pg 18		Yes	n/a
Potential for Ground Dissolution Stability Hazards				n/a
Potential for Landslide Ground Stability Hazards	pg 19	Yes		n/a
Potential for Running Sand Ground Stability Hazards	pg 19		Yes	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 19	Yes	Yes	n/a
Radon Potential - Radon Affected Areas	pg 19	Yes	n/a	n/a
Radon Potential - Radon Protection Measures	pg 19	Yes	n/a	n/a



Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Industrial Land Use				
Contemporary Trade Directory Entries (50m)				n/a
Fuel Station Entries				
Sensitive Land Use				
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				
Ramsar Sites				
Sites of Special Scientific Interest	pg 20		1	
Special Areas of Conservation				
Special Protection Areas				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Discharge Consent	s				
1	Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status:	Mrs Ethel Huggard Domestic Property (Single) Blackland Farm Five Mile Lane, Bonvilston, Cardiff, Cf5 6tq Environment Agency, Welsh Region River Thaw An0022801 3 29th March 2006 29th March 2006 29th March 2018 Sewage Discharges - Final/Treated Effluent - Not Water Company Into Land To Land Modified (Water Resources Act 1991, Schedule 10 as amended by	D14NE (N)	74	1	307714 172720
	Positional Accuracy:	Environment Act 1995) Located by supplier to within 10m				
	Discharge Consents	,				
2	Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status:	Mrs Ethel Maud Huggard Domestic Property (Single) Blackland Farm Five Mile Lane Bonvi, Five Mile Lane Bonvilston Cardif, Bonvilston Cardiff Environment Agency, Welsh Region River Thaw AN0022801 2 4th March 1994 4th March 1994 28th March 2006 Unspecified Onto Land To Land New Consent, by Application (Water Resources Act 1991, Section 88) Located by supplier to within 10m	D14NE (N)	90	1	307700 172800
	Discharge Consent	s				
2	Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Mrs Ethel Maud Huggard Domestic Property (Single) Blackland Farm Five Mile Lane Bonvi, Five Mile Lane Bonvilston Cardif, Bonvilston Cardiff Environment Agency, Welsh Region River Thaw An0022801 1 3rd March 1987 3rd March 1987 3rd March 1994 Unspecified Onto Land To Land Authorisation revokedRevoked Located by supplier to within 100m	D14NE (N)	90	1	307700 172800
	Discharge Consent	s				
3	_	The Amelia Methodist Trust Company Limited Mixed Farming Stp@The Amelia Trust Farm, Five Mile Lane, Barry, Vale Of Glamorgan, Cf62 3as Environment Agency, Welsh Region Not Supplied Eprzp3222gj 1 14th January 2013 14th January 2013 Not Supplied Sewage Discharges - Final/Treated Effluent - Not Water Company Into Land Groundwater New issued under EPR 2010 Located by supplier to within 10m	D9NE (NW)	499	1	307166 172083
	Nearest Surface Wa	ter Feature	D6NE (S)	0	-	307872 171595



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne Soil Classification: Map Sheet:	Prability Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise Sheet 36 Mid Glamorgan	(SE)	0	1	309828 169600
	Scale:	1:100,000				
	Groundwater Vulne Soil Classification: Map Sheet: Scale:	Soils of Low Leaching Potential - Soils in which pollutants are unlikely to penetrate the soil layer because water movement is largely horizontal or they have large ability to attenuate diffuse pollutants. Lateral flow from these soils contribute to groundwater recharge elsewhere in the catchment Sheet 36 Mid Glamorgan 1:100.000	D4NE (SE)	0	1	309320 170971
	Groundwater Vulne	,				
	Soil Classification: Map Sheet: Scale:	Not classified Sheet 36 Mid Glamorgan 1:100,000	D11NW (NE)	0	1	308136 172077
	Groundwater Vulne Soil Classification: Map Sheet: Scale:	Soils of High Leaching Potential (H1) - Soils which readily transmit liquid discharges because they are either shallow, or susceptible to rapid by-pass flow directly to rock, gravel or groundwater Sheet 36 Mid Glamorgan 1:100,000	D8NW (E)	0	1	308938 171559
	Groundwater Vulne Soil Classification: Map Sheet: Scale:	Prability Not classified Sheet 36 Mid Glamorgan 1:100,000	D8NE (E)	0	1	309267 171571
	Groundwater Vulne Soil Classification: Map Sheet: Scale:	Soils of Intermediate Leaching Potential (I1) - Soils which can possibly transmit a wide range of pollutants Sheet 36 Mid Glamorgan 1:100,000	D6NE (S)	0	1	307943 171442
	Groundwater Vulne Soil Classification: Map Sheet: Scale:	erability Not classified Sheet 36 Mid Glamorgan 1:100,000	(SE)	0	1	309249 169719
	Groundwater Vulne Soil Classification: Map Sheet: Scale:	Prability Soils of Low Leaching Potential - Soils in which pollutants are unlikely to penetrate the soil layer because water movement is largely horizontal or they have large ability to attenuate diffuse pollutants. Lateral flow from these soils contribute to groundwater recharge elsewhere in the catchment Sheet 36 Mid Glamorgan 1:100.000	D11NE (NE)	0	1	308357 172122
	Groundwater Vulne Soil Classification: Map Sheet: Scale:	Soils of Low Leaching Potential - Soils in which pollutants are unlikely to penetrate the soil layer because water movement is largely horizontal or they have large ability to attenuate diffuse pollutants. Lateral flow from these soils contribute to groundwater recharge elsewhere in the catchment Sheet 36 Mid Glamorgan 1:100,000	D6SW (SW)	0	1	307490 171120
	Groundwater Vulne Soil Classification:	Soils of Low Leaching Potential - Soils in which pollutants are unlikely to penetrate the soil layer because water movement is largely horizontal or they have large ability to attenuate diffuse pollutants. Lateral flow from these soils contribute to groundwater recharge elsewhere in the catchment	D6NE (NE)	0	1	307877 171650
	Map Sheet: Scale:	Sheet 36 Mid Glamorgan 1:100,000				
	Groundwater Vulne Soil Classification: Map Sheet: Scale:	Soils of High Leaching Potential (H3)- Coarse textured or moderately shallow soils which readily transmit non-absorbed pollutants and liquid discharges but which have some ability to attenuate absorbed pollutants because of their large clay or organic matter contents Sheet 36 Mid Glamorgan 1:100,000	D6NE (S)	0	1	307921 171361
	Groundwater Vulne	erability				
	Soil Classification: Map Sheet: Scale:	Soils of High Leaching Potential (H1) - Soils which readily transmit liquid discharges because they are either shallow, or susceptible to rapid by-pass flow directly to rock, gravel or groundwater Sheet 36 Mid Glamorgan 1:100,000	(NE)	0	1	308982 173304



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	rability				
	Soil Classification: Map Sheet: Scale:	Soils of High Leaching Potential (H3)- Coarse textured or moderately shallow soils which readily transmit non-absorbed pollutants and liquid discharges but which have some ability to attenuate absorbed pollutants because of their large clay or organic matter contents Sheet 36 Mid Glamorgan 1:100,000	D10SE (N)	0	1	307866 171677
	Groundwater Vulne	· · · · · · · · · · · · · · · · · · ·				
	Soil Classification: Map Sheet: Scale:	Not classified Sheet 36 Mid Glamorgan 1:100,000	D15NW (N)	0	1	308151 172867
	Groundwater Vulne	rability				
	Soil Classification: Map Sheet: Scale:	Soils of Intermediate Leaching Potential (I1) - Soils which can possibly transmit a wide range of pollutants Sheet 36 Mid Glamorgan 1:100,000	(N)	0	1	307430 173706
	Groundwater Vulne	rability				
	Soil Classification: Map Sheet: Scale:	Soils of Intermediate Leaching Potential (I1) - Soils which can possibly transmit a wide range of pollutants Sheet 36 Mid Glamorgan 1:100,000	(N)	0	1	308034 173608
	Drift Deposits					
	Drift Deposit: Map Sheet: Scale:	Low permeability drift deposits occuring at the surface and overlying Major and Minor Aquifers are head, clay-with-flints, brickearth, peat, river terrace deposits and marine and estuarine alluvium Sheet 36 Mid Glamorgan 1:100,000		0	1	307970 173703
		, , , , , , , , , , , , , , , , , , ,				
	Bedrock Aquifer De Aquifer Desination:		D12NE (NE)	0	2	309276 172295
	Bedrock Aquifer De	signations	()			
	Aquifer Desination:	-	(E)	0	2	309999 172072
	Bedrock Aquifer De Aquifer Desination:	signations Secondary Aquifer - A	D6NE (NE)	0	2	307877 171650
	Bedrock Aquifer De Aquifer Desination:	signations Secondary Aquifer - A	(SE)	0	2	310072 169875
	Bedrock Aquifer De Aquifer Desination:	signations Secondary Aquifer - A	(E)	0	2	309999
	Bedrock Aquifer De Aquifer Desination:	signations Secondary Aquifer - B	D11NW	0	2	171045 308174
	•	, ,	(NE)			172056
	Bedrock Aquifer De Aquifer Desination:	signations Secondary Aquifer - B	(E)	0	2	309999 171650
	Bedrock Aquifer De Aquifer Desination:	signations Secondary Aquifer - B	(S)	0	2	308361
	Bedrock Aquifer De	signations				170000
	· ·	Secondary Aquifer - Undifferentiated	(N)	0	2	307891 173026
	Bedrock Aquifer De Aquifer Desination:	signations Secondary Aquifer - A	D11NW (NE)	0	2	308292 172134
	Bedrock Aquifer De Aquifer Desination:	signations Secondary Aquifer - A	(S)	0	2	307877 170000
	Superficial Aquifer Aquifer Designation:	Designations Unproductive Strata	(N)	0	2	307575
	Superficial Aquifer Aquifer Designation:	Designations Secondary Aquifer - A	(S)	0	2	173693 308451



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Extreme Flooding fr Type: Flood Plain Type: Boundary Accuracy:	rom Rivers or Sea without Defences Extent of Extreme Flooding from Rivers or Sea without Defences Fluvial Models As Supplied	D6NE (SW)	0	1	307740 171540
	Flooding from River Type: Flood Plain Type: Boundary Accuracy:	rs or Sea without Defences Extent of Flooding from Rivers or Sea without Defences Fluvial Models As Supplied	D6NE (SW)	0	1	307740 171540
	Flooding from River Type: Flood Plain Type: Boundary Accuracy:	rs or Sea without Defences Extent of Flooding from Rivers or Sea without Defences Fluvial Models As Supplied	D2NE (S)	31	1	307920 170870
	Areas Benefiting fro					
	None Flood Defences	e Areas				
	None Detailed River Netw	ork Lines				
4	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name:	Tertiary River Not Supplied D008 Primary Flow Path Surface Not a Drain Other Rivers Not Supplied	D14NE (N)	0	1	307928 172816
	Water Course Reference:	Not Supplied				
5	Detailed River Netw River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Primary River Not Supplied D008 Primary Flow Path Surface Not a Drain Flood Risk Management Indicative/Statutory Main River	D6NE (SW)	0	1	307843 171578
	Detailed River Netw	ork Lines				
6	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Tertiary River Not Supplied D008 Primary Flow Path Surface Not a Drain Other Rivers	D3NW (S)	1	1	308040 170868
_	Detailed River Netw		B01:5			007070
7	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Not a Drain Other Rivers	D6NE (S)	4	1	307873 171596



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	Detailed River Network Lines River Type: Tertiary River River Name: Moulton Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Flood Risk Management Indicative/Statutory Main River Management Status: Water Course MOULTON BROOK Name: Water Course 900 Reference:	D2NE (S)	4	1	307937 170866
9	Detailed River Network Lines River Type: Tertiary River River Name: Drain Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Drain (ditch, Reen, Rhyne, Drain) Flood Risk Other Rivers Management Status: Water Course Not Supplied Reference: Not Supplied	D15SW (N)	11	1	308000 172633
10	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	D14SE (N)	11	1	307856 172618
11	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	D14SE (N)	89	1	307856 172346
12	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	D6NE (SW)	112	1	307717 171545
13	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	D6NE (SW)	125	1	307713 171525



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	Detailed River Network Lines River Type: Primary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Flood Risk Management Indicative/Statutory Main River Management Status: Water Course FORD BROOK Name: Water Course 899 Reference:	D6NE (SW)	126	1	307713 171525
15	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	D14SW (N)	141	1	307623 172399
16	Detailed River Network Lines River Type: Primary River River Name: Ford Brook Dydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Flood Risk Management Indicative/Statutory Main River Management Status: Water Course FORD BROOK Name: Water Course 899 Reference:	D6NE (SW)	146	1	307687 171526
17	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	D14SW (NW)	165	1	307588 172335
18	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	D14SW (N)	199	1	307566 172411
19	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	D15SW (N)	205	1	307994 172426



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	D15SW (N)	206	1	308000 172633
21	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Reference:	D11NW (N)	206	1	308095 172307
22	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	D3NW (SE)	211	1	308251 170764
23	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	D14SW (NW)	228	1	307437 172483
24	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	D3SE (SE)	243	1	308449 170316
25	Detailed River Network Lines River Type: Tertiary River River Name: River Waycock Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	D15SW (N)	267	1	308061 172633



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	D7SE (SE)	280	1	308357 171077
27	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	D15NW (N)	302	1	308109 172932
28	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	D10NW (NW)	331	1	307404 172315
29	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	D7NE (SE)	339	1	308411 171380
30	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	D14SW (NW)	341	1	307427 172475
31	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	D15NW (N)	344	1	308248 173004



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
32	Detailed River Network Lines River Type: Secondary River River Name: Nant Whitton Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	D14SW (NW)	349	1	307313 172385
33	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Reference:	D6SE (S)	398	1	307667 171082
34	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	D13NE (NW)	401	1	307152 172812
35	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	D9NE (NW)	424	1	307258 172255
36	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	D15NW (N)	429	1	308237 172939
37	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	D15NW (N)	429	1	308250 172783



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
38	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	D15NW (N)	429	1	308237 172939
39	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	D14SW (NW)	436	1	307310 172362
40	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	D15NW (N)	440	1	308275 172992
41	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	D14SW (NW)	444	1	307313 172385
42	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	D15SE (NE)	451	1	308370 172541
43	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Reference:	D11NW (NE)	465	1	308208 172156



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
44	Detailed River Network Lines River Type: Tertiary River River Name: River Waycock Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	D15NW (N)	474	1	308282 172990
45	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	D3NE (SE)	479	1	308534 170812
46	Detailed River Network Lines River Type: Tertiary River River Name: Moulton Brook Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Flood Risk Management Indicative/Statutory Main River Management Status: Water Course MOULTON BROOK Name: Water Course 900 Reference:	D2SW (S)	483	1	307493 170518
47	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	D2SW (S)	483	1	307491 170532
48	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	D9NE (NW)	500	1	307163 172058
	Detailed River Network Offline Drainage None				



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Historical Landfill S	ites				
49	Licence Holder: Location: Name: Operator Location: Boundary Accuracy: Provider Reference: First Input Date: Last Input Date: Specified Waste Type: EA Waste Ref: Regis Ref: WRC Ref: BGS Ref: Other Ref:		D14SE (N)	156	1	307940 172379
	Local Authority Lan	dfill Coverage				
	Name:	Vale Of Glamorgan County Borough Council - Has supplied landfill data		0	3	307877 171650
	Local Authority Red	corded Landfill Sites				
50	Location: Reference: Authority: Last Reported Status: Types of Waste: Date of Closure: Positional Accuracy: Boundary Quality:	Not Supplied 40 Vale Of Glamorgan County Borough Council Unknown Not Supplied Not Supplied Positioned by the supplier Moderate	D15SW (N)	184	3	307998 172425
	Registered Landfill	Sites				
51	Licence Holder: Licence Reference: Site Location: Licence Easting: Licence Northing: Operator Location: Authority: Site Category: Max Input Rate: Waste Source Restrictions: Status: Dated: Preceded By Licence: Superseded By Licence: Positional Accuracy: Boundary Accuracy: Authorised Waste	Blacklands Farm, Bonvilston, Cardiff, South Glamorgan 308000 172500 As Site Address Environment Agency Wales, South East Area Landfill Undefined No known restriction on source of waste Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled 1st June 1991 Not Given Manually positioned to the address or location	D15SW (N)	208	1	308000 172500



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid	d Geology				
	Description:	Lower Lias	D6NE (NE)	0	2	307877 171650
	BGS 1:625,000 Solid Description:	d Geology Triassic mudstones (including Keuper Marl, Dolomitic Conglomerate and Rhaetic)	D14SE (N)	0	2	307896 172508
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg <1.8 mg/kg 60 - 90 mg/kg	D14SE (N)	0	4	307887 172546
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg <1.8 mg/kg 60 - 90 mg/kg	D6NE (NE)	0	4	307877 171650
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg	D10NE (N)	0	4	307885 172281
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg <1.8 mg/kg 60 - 90 mg/kg	D10NE (N)	0	4	307877 172000
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg <1.8 mg/kg 60 - 90 mg/kg	D14NE (N)	0	4	307877 173000



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	I Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	D6NE (E)	0	4	307879 171650
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	I Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	D7NW (E)	0	4	308000 171650
	Arsenic Concentration:	15 - 25 mg/kg				
	Cadmium Concentration: Chromium	<1.8 mg/kg 60 - 90 mg/kg				
	Concentration: Lead Concentration:					
	Nickel Concentration:	30 - 45 mg/kg				
	BGS Estimated Soil	I Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	D6SE (S)	0	4	307877 171000
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	I Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	D7SW (S)	0	4	308000 171000
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	Chamistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	D6SE (S)	51	4	307873 171000
	Concentration:	<1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel	<150 mg/kg 30 - 45 mg/kg				
	Concentration:					
	BGS Estimated Soil	•	DAANE	0.4		207000
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	D14NE (N)	84	4	307892 173000
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	I Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	D15SW (N)	84	4	308000 172488
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	I Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	D11NW (N)	94	4	308000 172249
	Arsenic Concentration: Cadmium	<15 mg/kg				
	Concentration: Chromium	<1.8 mg/kg 60 - 90 mg/kg				
	Concentration: Lead Concentration:	<150 mg/kg				
	Nickel Concentration:	30 - 45 mg/kg				
	BGS Estimated Soil	I Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	D10NE (N)	127	4	307882 172000
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	I Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	D15NW (N)	191	4	308000 173000
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	I Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	D15NW (N)	191	4	308036 173000
	Concentration:	<1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	I Chamistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	D11NW (NE)	192	4	308293 172134
	Arsenic Concentration:	15 - 25 mg/kg				
	Cadmium Concentration: Chromium	<1.8 mg/kg 60 - 90 mg/kg				
	Concentration: Lead Concentration:	<150 mg/kg				
	Nickel Concentration:	30 - 45 mg/kg				



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	D11NW (NE)	207	4	308175 172056
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg				
	Nickel Concentration:	30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	D15NW (N)	228	4	308236 172835
	Arsenic Concentration: Cadmium	<15 mg/kg <1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel	<150 mg/kg 30 - 45 mg/kg				
	Concentration:	50 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	D11NW (N)	245	4	308000 172000
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	D6NW (W)	247	4	307557 171518
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	D7SE (SE)	312	4	308550 171000
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	D6NW (W)	335	4	307454 171516
	Arsenic Concentration: Cadmium	<15 mg/kg <1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	(NE)	364	4	309013 173153
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	D15NW (N)	422	4	308231 173000
	Arsenic Concentration: Cadmium	<15 mg/kg <1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration:					
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil					
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	D15NW (N)	423	4	308256 172848
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil					
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	D7NE (E)	450	4	308457 171618
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	D7SE (SE)	459	4	308633 171000
	Arsenic Concentration: Cadmium	15 - 25 mg/kg <1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel	<150 mg/kg 30 - 45 mg/kg				
	Concentration: BGS Estimated Soil	Chemistry				
	Source:	British Geological Survey, National Geoscience Information Service	(SE)	462	4	308791
	Soil Sample Type: Arsenic Concentration:	Sediment 15 - 25 mg/kg				170189
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Recorded Mine	eral Sites				
52	Site Name: Location: Source: Reference: Type: Status: Operator: Operator Location: Periodic Type: Geology: Commodity: Positional Accuracy:	Whitton Lodge , Barry, South Glamorgan British Geological Survey, National Geoscience Information Service 161174 Opencast Ceased Unknown Operator Unknown Operator Jurassic Porthkerry Member Limestone Located by supplier to within 10m	D7NW (SE)	30	2	308034 171330
	BGS Recorded Mine	eral Sites				
53	Site Name: Location: Source: Reference: Type: Status: Operator: Operator Location: Periodic Type: Geology: Commodity: Positional Accuracy:	Whitton Bush , Llantrithyd, Cowbridge, South Glamorgan British Geological Survey, National Geoscience Information Service 161186 Opencast Ceased Unknown Operator Unknown Operator Jurassic Porthkerry Member Limestone Located by supplier to within 10m	D10SW (NW)	58	2	307602 171841
	BGS Recorded Mine	eral Sites				
54	Site Name: Location: Source: Reference: Type: Status: Operator: Operator Location: Periodic Type: Geology: Commodity: Positional Accuracy:	Whitton Bush , Llantrithyd, Cowbridge, South Glamorgan British Geological Survey, National Geoscience Information Service 161187 Opencast Ceased Unknown Operator Unknown Operator Jurassic Porthkerry Member Limestone Located by supplier to within 10m	D10SW (W)	127	2	307606 171664
	BGS Recorded Mine	eral Sites				
55	Site Name: Location: Source: Reference: Type: Status: Operator: Operator Location: Periodic Type: Geology: Commodity: Positional Accuracy:	Whitton Lodge , Barry, South Glamorgan British Geological Survey, National Geoscience Information Service 161175 Opencast Ceased Unknown Operator Unknown Operator Jurassic Porthkerry Member Limestone Located by supplier to within 10m	D7SE (SE)	348	2	308422 171311
	BGS Measured Urba	an Soil Chemistry				
	No data available	amiete Average				
	BGS Urban Soil Che No data available	emistry Averages				
	Coal Mining Affecte	d Areas				
	In an area that might	not be affected by coal mining				
	Mining Instability Mining Evidence: Source: Boundary Quality:	Conclusive Metaliferous Mining Ove Arup & Partners As Supplied	D14NE (N)	0	-	307877 173000
	Non Coal Mining Ar No Hazard	eas of Great Britain				
	Potential for Collaps Hazard Potential: Source:	sible Ground Stability Hazards Very Low British Geological Survey, National Geoscience Information Service	D6NE (NE)	0	2	307877 171650
	Potential for Collaps Hazard Potential: Source:	sible Ground Stability Hazards No Hazard British Geological Survey, National Geoscience Information Service	D8NE (E)	187	2	309083 171350
		ressible Ground Stability Hazards No Hazard British Geological Survey, National Geoscience Information Service	D6NE (NE)	0	2	307877 171650



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Compressible Hazard Potential: Model	e Ground Stability Hazards rate	D8NE	187	2	309083
	Source: British	n Geological Survey, National Geoscience Information Service	(E)			171350
	Potential for Ground Dissorting Hazard Potential: No Ha Source: Right British	•	D6NE (NE)	0	2	307877 171650
	Potential for Ground Dissortial: No Hasource: No Hasource	•	D11NW (NE)	0	2	308292 172134
	Potential for Landslide Gro Hazard Potential: Very L Source: British	•	D6NE (NE)	0	2	307877 171650
	Hazard Potential: No Ha	ad Ground Stability Hazards azard n Geological Survey, National Geoscience Information Service	D6NE (NE)	0	2	307877 171650
	Hazard Potential: Low	nd Ground Stability Hazards n Geological Survey, National Geoscience Information Service	D8NE (E)	187	2	309083 171350
	Potential for Shrinking or Hazard Potential: No Ha	Swelling Clay Ground Stability Hazards	D6NE (NE)	0	2	307877 171650
	Hazard Potential: Low	Swelling Clay Ground Stability Hazards n Geological Survey, National Geoscience Information Service	D12NW (NE)	0	2	308693 172077
	Hazard Potential: Low	Swelling Clay Ground Stability Hazards n Geological Survey, National Geoscience Information Service	D11NW (NE)	0	2	308174 172056
	Hazard Potential: No Ha	Swelling Clay Ground Stability Hazards azard n Geological Survey, National Geoscience Information Service	D11NW (NE)	0	2	308292 172134
	Hazard Potential: Low	Swelling Clay Ground Stability Hazards n Geological Survey, National Geoscience Information Service	D6NW (W)	248	2	307556 171518
	Radon Potential - Radon P		(11)			
	Protection Measure: No rac dwellii	don protective measures are necessary in the construction of new ings or extensions and Geological Survey, National Geoscience Information Service	D6NE (NE)	0	2	307877 171650
	dwellii	Protection Measures radon protective measures are necessary in the construction of new ings or extensions n Geological Survey, National Geoscience Information Service	D11NW (NE)	0	2	308099 172000
	dwellii	don protective measures are necessary in the construction of new ings or extensions	D15SW (N)	0	2	307999 172575
		h Geological Survey, National Geoscience Information Service				
	are ab	property is in a lower probability radon area, as less than 1% of homes bove the action level h Geological Survey, National Geoscience Information Service	D6NE (NE)	0	2	307877 171650
	10% c	Affected Areas property is in an intermediate probability radon area, as between 5 and of homes are above the action level in Geological Survey, National Geoscience Information Service	D11NW (NE)	0	2	308099 172000
	are ab	Affected Areas property is in a lower probability radon area, as less than 1% of homes bove the action level in Geological Survey, National Geoscience Information Service	D15SW (N)	0	2	307999 172575

Order Number: 51886031_1_1 Date: 18-Dec-2013 rpr_ec_datasheet v47.0 A Landmark Information Group Service F



Sensitive Land Use

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Sites of Special Sci	entific Interest				
56	Name: Multiple Areas: Total Area (m2): Source: Reference: Designation Details: Designation Date: Date Type:	Coedydd Y Barri / Barry Woodlands Y 1199578.66 Natural Resources Wales (NRW) - formerly CCW 293633wpg Biological 4th April 2007 Notified	(SE)	194	5	308668 170149

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Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Vale Of Glamorgan County Borough Council - Environmental Health Department	October 2012	Annual Rolling Update
Discharge Consents		
Environment Agency - Welsh Region	October 2013	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Welsh Region	March 2013	As notified
Integrated Pollution Controls		
Environment Agency - Welsh Region	October 2008	Not Applicable
ntegrated Pollution Prevention And Control		
Environment Agency - Welsh Region	October 2013	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Vale Of Glamorgan County Borough Council - Environmental Health Department	November 2012	Annual Rolling Update
Local Authority Pollution Prevention and Controls		
/ale Of Glamorgan County Borough Council - Environmental Health Department	November 2012	Annual Rolling Update
ocal Authority Pollution Prevention and Control Enforcements		
/ale Of Glamorgan County Borough Council - Environmental Health Department	November 2012	Annual Rolling Update
Nearest Surface Water Feature		
Ordnance Survey	July 2012	Quarterly
Pollution Incidents to Controlled Waters		
Environment Agency - Welsh Region	December 1998	Not Applicable
Prosecutions Relating to Authorised Processes		
Environment Agency - Welsh Region	March 2013	As notified
Prosecutions Relating to Controlled Waters		
Environment Agency - Welsh Region	March 2013	As notified
Registered Radioactive Substances		
Environment Agency - Welsh Region	October 2013	Quarterly
River Quality		,
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		110171,pp.::00010
Environment Agency - Head Office	July 2012	Annually
	0 dily 2012	7 timedily
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
	July 2012	Aillidally
Substantiated Pollution Incident Register Environment Agency Wales - South East Area	October 2013	Quarterly
	October 2013	Quarterly
Water Abstractions	Ostahan 2042	O. contonic
Environment Agency - Welsh Region	October 2013	Quarterly
Nater Industry Act Referrals	0 / 1 / 22/2	
Environment Agency - Welsh Region	October 2013	Quarterly
Groundwater Vulnerability		
Environment Agency - Head Office	January 2011	Not Applicable
Orift Deposits		
Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations		
British Geological Survey - National Geoscience Information Service	October 2012	Annually
Superficial Aquifer Designations		
British Geological Survey - National Geoscience Information Service	October 2012	Annually
Source Protection Zones		
Environment Agency - Head Office	October 2013	Quarterly
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	August 2013	Quarterly

Order Number: 51886031_1_1 Date: 18-Dec-2013 rpr_ec_datasheet v47.0 A Landmark Information Group Service



Agency & Hydrological	Version	Update Cycle
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	August 2013	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	August 2013	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	August 2013	Quarterly
Flood Defences		
Environment Agency - Head Office	August 2013	Quarterly
Detailed River Network Lines		
Environment Agency - Head Office	March 2012	Annually
Detailed River Network Offline Drainage		
Environment Agency - Head Office	March 2012	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 - South East Region - Kent & South London Area	October 2013	Quarterly
Environment Agency - South East Region - North East Thames Area	October 2013	Quarterly
Environment Agency - South East Region - Solent & South Downs Area	October 2013	Quarterly
Environment Agency - South East Region - West Thames Area	October 2013	Quarterly
Environment Agency Wales - South East Area	October 2013	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Welsh Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - South East Region - Kent & South London Area	October 2013	Quarterly
Environment Agency - South East Region - North East Thames Area	October 2013	Quarterly
Environment Agency - South East Region - Solent & South Downs Area	October 2013	Quarterly
Environment Agency - South East Region - West Thames Area	October 2013	Quarterly
Environment Agency Wales - South East Area	October 2013	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency Wales - South East Area	October 2013	Quarterly
Local Authority Landfill Coverage		
Vale Of Glamorgan County Borough Council	May 2000	Not Applicable
Local Authority Recorded Landfill Sites	,	
Vale Of Glamorgan County Borough Council	May 2000	Not Applicable
Registered Landfill Sites	, 2000	
Environment Agency Wales - South East Area	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency Wales - South East Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency Wales - South East Area	March 2003	Not Applicable
Environment Agency Wales - Oouth East Alea	IVIAICII 2003	140t Applicable



Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	August 2013	Bi-Annually
Explosive Sites		5.4
Health and Safety Executive	November 2013	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Vale Of Glamorgan County Borough Council - Planning Department	January 2013	Annual Rolling Update
Planning Hazardous Substance Consents Vale Of Glamorgan County Borough Council - Planning Department	January 2013	Annual Rolling Update
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	August 1006	Not Applicable
	August 1996	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	January 2010	Variable
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	October 2013	Bi-Annually
Coal Mining Affected Areas		
The Coal Authority - Mining Report Service	January 2012	As notified
Mining Instability	October 2000	Net Angliechte
Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	February 2011	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Compressible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Ground Dissolution Stability Hazards		
British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Landslide Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Running Sand Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	October 2013	As notified
Radon Potential - Radon Affected Areas	lub 0044	A o +: #:!
British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	As notified
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries		
Thomson Directories	November 2013	Quarterly
Fuel Station Entries		
Catalist Ltd - Experian	August 2013	Quarterly

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Sensitive Land Use	Version	Update Cycle
Areas of Outstanding Natural Beauty		
Natural Resources Wales (NRW) - formerly CCW	May 2013	Bi-Annually
Environmentally Sensitive Areas		
The National Assembly for Wales - GI Services (Department of Planning & Countryside)	August 2008	Annually
Forest Parks		
Forestry Commission	April 1997	Not Applicable
Local Nature Reserves		
Vale Of Glamorgan County Borough Council	May 2013	Bi-Annually
Marine Nature Reserves		
Natural Resources Wales (NRW) - formerly CCW	May 2013	Bi-Annually
National Nature Reserves		
Natural Resources Wales (NRW) - formerly CCW	May 2013	Bi-Annually
Nitrate Sensitive Areas		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2012	Not Applicable
Nitrate Vulnerable Zones		
The National Assembly for Wales - GI Services (Department of Planning & Countryside)	October 2005	Annually
Ramsar Sites		
Natural Resources Wales (NRW) - formerly CCW	May 2013	Bi-Annually
Sites of Special Scientific Interest		
Natural Resources Wales (NRW) - formerly CCW	May 2013	Bi-Annually
Special Areas of Conservation		
Natural Resources Wales (NRW) - formerly CCW	May 2013	Bi-Annually
Special Protection Areas		
Natural Resources Wales (NRW) - formerly CCW	May 2013	Bi-Annually

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Data Suppliers

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A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	Cordnance Survey®
Environment Agency	Environment Agency
Scottish Environment Protection Agency	SEPA Scottish Environment Protection Agency
The Coal Authority	THE COAL AUTHORITY
British Geological Survey	British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Countryside Council for Wales	CYNGOR CEFN GWLAD CYMRU COUNTRYSIDE COUNCIL FOR WALES
Scottish Natural Heritage	SCOTTISH NATURAL HERITAGE 必公司
Natural England	NATURAL ENGLAND
Public Health England	Public Health England
Ove Arup	ARUP
Peter Brett Associates	peterbrett



Useful Contacts

Contact	Name and Address	Contact Details
1	Environment Agency - National Customer Contact Centre (NCCC)	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
	PO Box 544, Templeborough, Rotherham, S60 1BY	
2	British Geological Survey - Enquiry Service British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
3	Vale Of Glamorgan County Borough Council Civic Offices, Holton Road, Barry, South Glamorgan, CF63 4RU	Telephone: 01446 700111 Fax: 01446 745566 Website: www.valeofglamorgan.gov.uk
4	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmark.co.uk Website: www.landmarkinfo.co.uk
5	Natural Resources Wales (NRW) - formerly CCW Plas Penrhose, Fford Penrhos, Bangor, Gwynedd, LL57 2LQ	Telephone: 01248 385500 Fax: 01248 355782
-	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 / SEPA have a charging policy in place for enquiries.



Envirocheck® Report:

Datasheet

Order Details:

Order Number:

51886031_1_1

Customer Reference:

3512646D-HHC

National Grid Reference:

308090, 174010

Slice:

G

Site Area (Ha):

20.09

Search Buffer (m):

500

Site Details:

Cardiff International Airport And Culverhouse Cross Cardiff CF5 6XW

Client Details:

Mr G Jones Parsons Brinckerhoff Ltd 29 Cathedral Road Cardiff CF11 9HA



Order Number: 51886031_1_1





Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	8
Hazardous Substances	-
Geological	9
Industrial Land Use	28
Sensitive Land Use	-
Data Currency	29
Data Suppliers	33
Useful Contacts	34

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 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 the attached 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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Radon Potential dataset Copyright Notice

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Report Version v47.0



Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Agency & Hydrological				
Contaminated Land Register Entries and Notices				
Discharge Consents	pg 1		1	2
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				
Local Authority Pollution Prevention and Control Enforcements				
Nearest Surface Water Feature	pg 1		Yes	
Pollution Incidents to Controlled Waters				
Prosecutions Relating to Authorised Processes				
Prosecutions Relating to Controlled Waters				
Registered Radioactive Substances				
River Quality				
River Quality Biology Sampling Points				
River Quality Chemistry Sampling Points				
Substantiated Pollution Incident Register				
Water Abstractions	pg 1		1	2
Water Industry Act Referrals				
Groundwater Vulnerability	pg 2	Yes	n/a	n/a
Bedrock Aquifer Designations	pg 3	Yes	n/a	n/a
Superficial Aquifer Designations	pg 3	Yes	n/a	n/a
Source Protection Zones				
Extreme Flooding from Rivers or Sea without Defences				n/a
Flooding from Rivers or Sea without Defences				n/a
Areas Benefiting from Flood Defences				n/a
Flood Water Storage Areas				n/a
Flood Defences				n/a
Detailed River Network Lines	pg 3		Yes	Yes
Detailed River Network Offline Drainage	pg 6		Yes	Yes



Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Waste				
BGS Recorded Landfill Sites				
Historical Landfill Sites				
Integrated Pollution Control Registered Waste Sites				
Licensed Waste Management Facilities (Landfill Boundaries)				
Licensed Waste Management Facilities (Locations)				
Local Authority Recorded Landfill Sites				
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				
Geological				
BGS 1:625,000 Solid Geology	pg 9	Yes	n/a	n/a
BGS Estimated Soil Chemistry	pg 9	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 24		2	1
BGS Urban Soil Chemistry				
BGS Urban Soil Chemistry Averages				
Brine Compensation Area			n/a	n/a
Coal Mining Affected Areas			n/a	n/a
Mining Instability	pg 24	Yes	n/a	n/a
Man-Made Mining Cavities	pg 24		1	
Natural Cavities				
Non Coal Mining Areas of Great Britain	pg 25	Yes		n/a
Potential for Collapsible Ground Stability Hazards	pg 25	Yes		n/a
Potential for Compressible Ground Stability Hazards	pg 25		Yes	n/a
Potential for Ground Dissolution Stability Hazards	pg 25	Yes	Yes	n/a
Potential for Landslide Ground Stability Hazards	pg 26	Yes	Yes	n/a
Potential for Running Sand Ground Stability Hazards	pg 26	Yes	Yes	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 26	Yes	Yes	n/a
Radon Potential - Radon Affected Areas	pg 27	Yes	n/a	n/a
Radon Potential - Radon Protection Measures	pg 27	Yes	n/a	n/a



Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Industrial Land Use				
Contemporary Trade Directory Entries (50m)	pg 28		1	n/a
Fuel Station Entries				
Sensitive Land Use				
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				
Ramsar Sites				
Sites of Special Scientific Interest				
Special Areas of Conservation				
Special Protection Areas				



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Discharge Consent	s				
1	Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Mr A J Williams Domestic Property (Single) Redlands Court Farm Sycamore Cross, Bonvilston, Vale Of Glamorgan Environment Agency, Welsh Region Not Supplied An0372901 1 5th August 2004 5th August 2004 Not Supplied Sewage Discharges - Final/Treated Effluent - Not Water Company Freshwater Stream/River To Ground New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Located by supplier to within 100m	G6SW (SW)	182	1	307500 173700
	Discharge Consent	s				
2	Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Dwr Cymru Cyfyngedig Sewage Disposal Works - Water Company Bonvilston East Stw Environment Agency, Welsh Region River Thaw Ag0011901 2 1st January 2010 24th September 2009 Not Supplied Sewage Discharges - Final/Treated Effluent - Water Company Freshwater Stream/River Trib Of Nant Llancarfan New Consent, by Application (Water Resources Act 1991, Section 88) Located by supplier to within 100m	G5SE (W)	421	1	307200 173700
	Discharge Consent	s				
2		Dwr Cymru Cyfyngedig Sewage Disposal Works - Water Company Bonvilston East Stw Environment Agency, Welsh Region River Thaw AG0011901 1 26th April 1982 26th April 1982 31st December 2009 Sewage Discharges - Final/Treated Effluent - Water Company Freshwater Stream/River Trib Of Nant Llancarfan New Consent, by Application (Water Resources Act 1991, Section 88) Located by supplier to within 10m	G5SE (W)	421	1	307200 173700
	Nearest Surface Wa	ater Feature	G6NE (NW)	9	-	307904 174142
	Water Abstractions		(1444)			117174
3	Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date:	Messrs W Powell & Sons Ltd 21/58/21/0024 100 Borehole Near Sheepcourt Farm Environment Agency, Welsh Region General Agriculture: Spray Irrigation - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Borehole - 140 M Depth / 150Mm Diameter 01 April 30 September 25th February 1997 Not Supplied Located by supplier to within 100m	G10SW (NW)	226	1	307420 174400



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions					
4	Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Messrs W Powell & Sons Ltd 21/58/21/0014 101 Well At Sheepcourt Environment Agency, Welsh Region General Farming And Domestic Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied 01 January 31 December 7th January 1993 Not Supplied Located by supplier to within 100m	G5NE (W)	312	1	307100 174100
4	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Messrs W Powell & Sons Ltd 21/58/21/0014 100 Well At Sheepcourt Environment Agency, Welsh Region General Farming And Domestic Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Well At Sheepcourt 01 January 31 December 7th September 1992 Not Supplied Located by supplier to within 100m	G5NE (W)	312	1	307100 174100
	Groundwater Vulne	rability				
	Soil Classification: Map Sheet: Scale:	Not classified Sheet 36 Mid Glamorgan 1:100,000	(S)	0	1	308520 172701
	Groundwater Vulne Soil Classification: Map Sheet: Scale:	Soils of Low Leaching Potential - Soils in which pollutants are unlikely to penetrate the soil layer because water movement is largely horizontal or they have large ability to attenuate diffuse pollutants. Lateral flow from these soils contribute to groundwater recharge elsewhere in the catchment Sheet 36 Mid Glamorgan 1:100,000	G2NE (SW)	0	1	307645 173398
	Groundwater Vulne	rability				
	Soil Classification: Map Sheet: Scale:	Soils of Low Leaching Potential - Soils in which pollutants are unlikely to penetrate the soil layer because water movement is largely horizontal or they have large ability to attenuate diffuse pollutants. Lateral flow from these soils contribute to groundwater recharge elsewhere in the catchment Sheet 36 Mid Glamorgan 1:100,000	(S)	0	1	307758 172348
	Groundwater Vulne	rability				
	Soil Classification: Map Sheet: Scale:	Soils of High Leaching Potential (H1) - Soils which readily transmit liquid discharges because they are either shallow, or susceptible to rapid by-pass flow directly to rock, gravel or groundwater Sheet 36 Mid Glamorgan 1:100,000	G7SE (E)	0	1	308526 173972
	Groundwater Vulne					
	Soil Classification: Map Sheet: Scale:	Not classified Sheet 36 Mid Glamorgan 1:100,000	G7SW (SE)	0	1	308137 173988
	Groundwater Vulne	rability				
	Soil Classification: Map Sheet: Scale:	Soils of Intermediate Leaching Potential (I1) - Soils which can possibly transmit a wide range of pollutants Sheet 36 Mid Glamorgan 1:100,000	G7SW (NE)	0	1	308085 174014
	Groundwater Vulne	rability				
	Soil Classification: Map Sheet: Scale:	Soils of Intermediate Leaching Potential (I1) - Soils which can possibly transmit a wide range of pollutants Sheet 36 Mid Glamorgan 1:100,000	G7SW (S)	0	1	308034 173890



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne Soil Classification: Map Sheet: Scale:	erability Not classified Sheet 36 Mid Glamorgan 1:100,000	G15SW (N)	0	1	308149 175288
	Drift Deposits Drift Deposit: Map Sheet: Scale:	Low permeability drift deposits occuring at the surface and overlying Major and Minor Aquifers are head, clay-with-flints, brickearth, peat, river terrace deposits and marine and estuarine alluvium Sheet 36 Mid Glamorgan 1:100,000		0	1	309979 176103
	Drift Deposits Drift Deposit: Map Sheet: Scale:	Low permeability drift deposits occuring at the surface and overlying Major and Minor Aquifers are head, clay-with-flints, brickearth, peat, river terrace deposits and marine and estuarine alluvium Sheet 36 Mid Glamorgan 1:100,000		0	1	308085 174014
	Bedrock Aquifer De Aquifer Desination:	-	G7SW (NE)	0	2	308085 174014
	Bedrock Aquifer De Aquifer Desination:	-	(E)	0	2	309999 174014
	Bedrock Aquifer De Aquifer Desination:	esignations Secondary Aquifer - A	(S)	0	2	307683 172367
		Secondary Aquifer - B	(S)	0	2	308552 172717
		Secondary Aquifer - Undifferentiated	G6SE (SW)	0	2	307899 173903
		Secondary Aquifer - A	G2NE (SW)	0	2	307738 173436
		Secondary Aquifer - A	(NE)	0	2	309999 174997
		Unproductive Strata	(E)	0	2	309999 174503
		Unproductive Strata from Rivers or Sea without Defences	G7SW (NE)	0	2	308085 174014
	None Flooding from Rive	ers or Sea without Defences				
	None Areas Benefiting from None	om Flood Defences				
	Flood Water Storag	ge Areas				
	None	ande I trans				
5	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status Water Course Name: Water Course Reference:	Tertiary River Not Supplied D008 Primary Flow Path Surface Not a Drain Other Rivers	G2NE (SW)	35	1	307827 173429



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	Detailed River Network Lines River Type: Tertiary River River Name: Drain Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Drain (ditch, Reen, Rhyne, Drain) Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	G2NW (SW)	182	1	307582 173521
7	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	G2NW (SW)	228	1	307546 173478
8	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	G3SW (S)	253	1	308058 173193
9	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	G3SW (S)	256	1	308061 173187
10	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	G3SW (S)	262	1	308068 173179
11	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	G3SW (S)	285	1	308092 173146

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	G5SE (W)	323	1	307294 173738
13	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	G3SW (S)	344	1	308152 173097
14	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Reference:	G3SW (S)	344	1	308228 173227
15	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	G7SW (SE)	397	1	308256 173759
16	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Secondary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	G2SW (SW)	401	1	307367 173049
17	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	G2SW (SW)	401	1	307398 173023

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	G7SW (SE)	406	1	308275 173754
19	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	G7SW (SE)	408	1	308277 173753
20	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	G5SE (W)	414	1	307204 173705
21	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	G1NE (W)	414	1	307225 173677
22	Detailed River Network Lines River Type: Tertiary River River Name: River Waycock Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	G3SE (S)	474	1	308411 173080
23	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D008	G6NE (NW)	19	1	307850 174194
24	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D008	G6NE (NW)	21	1	307949 174204
25	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D008	G6NW (NW)	39	1	307553 174242



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Detailed River Network Offline Drainage				
26	River Type: Tertiary River Hydrographic Area: D008	G6NW (W)	40	1	307414 174203
	Detailed River Network Offline Drainage				
27	River Type: Tertiary River Hydrographic Area: D008	G6NW (W)	40	1	307414 174203
	Detailed River Network Offline Drainage				
28	River Type: Tertiary River Hydrographic Area: D008	G2NE (SW)	103	1	307928 173669
	Detailed River Network Offline Drainage				
29	River Type: Tertiary River Hydrographic Area: D008	G6SE (SW)	200	1	307928 173720
	Detailed River Network Offline Drainage				
30	River Type: Tertiary River Hydrographic Area: D008	G3NW (S)	448	1	308207 173660



Waste

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill	Coverage				
		e Of Glamorgan County Borough Council las supplied landfill data		0	6	308085 174014



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Geological

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology					
	Description:	Triassic mudstones (including Keuper Marl, Dolomitic Conglomerate and Rhaetic)	G7SW (S)	0	2	308156 173742
	BGS 1:625,000 Solid	d Geology				
	Description:	Tournaisian and Visean (Carboniferous Limestone Series)	G7SW (NE)	0	2	308085 174014
	BGS 1:625,000 Solid					
	Description:	Lower Old Red Sandstone, including Downtonian	G11SW (N)	0	2	308030 174663
-	BGS Estimated Soil	Chemistry	(-1/			
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	G7SW (W)	0	3	308000 174014
	Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	G8NE (E)	0	3	309000 174153
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	G7NE (NE)	0	3	308346 174313
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	G7SW (NE)	0	3	308085 174014
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	G8NE (E)	0	3	309000 174311
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	G6SE (W)	0	3	307804 173989
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	G6SE (SW)	0	3	307899 173763
	Arsenic Concentration:	<15 mg/kg				
	Cadmium Concentration: Chromium	<1.8 mg/kg 60 - 90 mg/kg				
	Concentration: Lead Concentration:	<150 mg/kg				
	Nickel Concentration:	30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	G6SE (W)	0	3	307801 174000
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	G6SE (W)	0	3	307901 174014
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chamistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment	G6SE (SW)	0	3	307900 173903
	Concentration: Cadmium	15 - 25 mg/kg <1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel	<150 mg/kg 30 - 45 mg/kg				
	Concentration:	Observation				
	BGS Estimated Soil Source:	Chemistry British Geological Survey, National Geoscience Information Service	G2NE	0	3	307739
	Soil Sample Type: Arsenic	Sediment 15 - 25 mg/kg	(SW)		Ŭ	173436
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	G6NE (NW)	13	3	307904 174308
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	G8NE (E)	18	3	309316 174076
	Arsenic Concentration:	15 - 25 mg/kg	(=/			
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	G8NE (E)	28	3	309275 174304
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	150 - 300 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	G8NE (E)	37	3	309053 174183
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel	150 - 300 mg/kg 15 - 30 mg/kg				
	Concentration:					
	BGS Estimated Soil	•			_	
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	G11SW (N)	37	3	308000 174377
	Concentration:	<1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel	<150 mg/kg 15 - 30 mg/kg				
	Concentration:	10 30 mg/ng				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	G7NW (E)	38	3	308112 174019
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel	<150 mg/kg 15 - 30 mg/kg				
	Nickel Concentration:	i ə - su ing/kg				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	G7NW (E)	54	3	308179 174020
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg <150 mg/kg				
	Nickel Concentration:	30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	G6SE (SW)	62	3	307900 173878
	Arsenic Concentration: Cadmium	15 - 25 mg/kg <1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel	<150 mg/kg 30 - 45 mg/kg				
	Concentration:					
	BGS Estimated Soil					
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	G6SE (SW)	83	3	307974 173760
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	G3SW (S)	84	3	307997 173044
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	G7SW (E)	88	3	308211 174000
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	G8NE (E)	92	3	309000 174106
	Arsenic Concentration: Cadmium	<1.8 mg/kg				
	Concentration:	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	G8NW (E)	100	3	308919 174071
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg <150 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	G3NW (S)	103	3	308000 173528
	Arsenic Concentration: Cadmium	15 - 25 mg/kg <1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel	<150 mg/kg 15 - 30 mg/kg				
	Concentration:					
	BGS Estimated Soil Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	G6SE (W)	119	3	307901 174000
	Arsenic Concentration: Cadmium	15 - 25 mg/kg <1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	G12SE (NE)	125	3	309000 174556
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	G8SW (E)	127	3	308728 174002
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	150 - 300 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	G7SW (S)	132	3	308085 174000
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	G7SW (SE)	135	3	308115 174000
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	G8SE (E)	137	3	309000 174014
	Arsenic Concentration:	15 - 25 mg/kg	(-/			
	Cadmium Concentration: Chromium	<1.8 mg/kg				
	Concentration: Lead Concentration:	60 - 90 mg/kg 150 - 300 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	G7SW (E)	139	3	308149 174000
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	G7SW (W)	140	3	308000 174000
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	1 Oh - mil-tim				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	G6NE (NW)	142	3	307904 174308
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	G7NE (E)	143	3	308464 174031
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	G8NW (E)	145	3	308963 174045
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	150 - 300 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	G7SW (E)	146	3	308180 174000
	Arsenic Concentration:	15 - 25 mg/kg	(=)			174000
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	G6SW (SW)	146	3	307537 173711
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	150 - 300 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	G7SW (E)	153	3	308211 173999
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel	<150 mg/kg 30 - 45 mg/kg				
	Concentration:					
	BGS Estimated Soil	•				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	G7SW (SE)	188	3	308127 173948
	Arsenic Concentration: Cadmium	<15 mg/kg <1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration:	<150 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	G7SE (E)	188	3	308443 174000
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel	<150 mg/kg 30 - 45 mg/kg				
	Concentration:					



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Source: Soil Sample Type: Arsenic	Chemistry British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	G3SW (S)	191	3	308000 173042
	Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	<1.8 mg/kg 60 - 90 mg/kg				
	BGS Estimated Soil	-				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg	G3SW (S)	191	3	308256 173271
	Concentration: Chromium Concentration: Lead Concentration: Nickel	60 - 90 mg/kg				
	Concentration: BGS Estimated Soil	Chamietry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	G7SW (SW)	191	3	308000 173876
	Cadmium Concentration: Chromium Concentration:	<1.8 mg/kg 60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	G7SE (E)	191	3	308518 174000
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	G7SE (SE)	195	3	308349 173721
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg <150 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	G7SE (E)	195	3	308565 174000
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration: Nickel	60 - 90 mg/kg <150 mg/kg 15 - 30 mg/kg				
	Concentration:	. .				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	G7SW (S)	202	3	307983 173733
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	G7SW (S)	216	3	308126 173868
	Arsenic Concentration:	<15 mg/kg				
	Cadmium Concentration: Chromium	<1.8 mg/kg 60 - 90 mg/kg				
	Concentration: Lead Concentration:	<150 mg/kg				
	Nickel Concentration:	30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	G7SE (E)	218	3	308615 173864
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	G8SW (E)	220	3	308730 174000
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	150 - 300 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	G7SW (S)	225	3	308062 173902
	Arsenic Concentration: Cadmium	15 - 25 mg/kg <1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel	<150 mg/kg 30 - 45 mg/kg				
	Concentration:					
	BGS Estimated Soil	•	07014	000	•	200000
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	G7SW (SW)	229	3	308000 173911
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	G12NE (NE)	230	3	309211 174966
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	G8SW (E)	240	3	308930 174000
	Arsenic Concentration:	<15 mg/kg	(=)			174000
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	G7SW (SE)	244	3	308196 173903
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	G8SW (E)	247	3	308975 174000
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel	150 - 300 mg/kg 15 - 30 mg/kg				
	Concentration:					
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	G8SE (E)	250	3	309000 174000
	Arsenic Concentration: Cadmium	15 - 25 mg/kg <1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration:	150 - 300 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	G7SW (S)	251	3	308129 173835
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel	<150 mg/kg 30 - 45 mg/kg				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Source: Soil Sample Type:	Chemistry British Geological Survey, National Geoscience Information Service Sediment	G7SW (S)	260	3	308044 173868
	Arsenic Concentration: Cadmium Concentration:	15 - 25 mg/kg <1.8 mg/kg	(6)			17000
	Chromium Concentration: Lead Concentration: Nickel	60 - 90 mg/kg <150 mg/kg 30 - 45 mg/kg				
	Concentration:					
	BGS Estimated Soil					
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	G6SW (SW)	260	3	307400 173704
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:					
	Nickel Concentration:	30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	G8SE (E)	263	3	309304 174000
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg <150 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	G11SW (N)	274	3	308124 174491
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	G7SW (SE)	287	3	308242 173869
	Concentration: Cadmium	15 - 25 mg/kg <1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel	<150 mg/kg 30 - 45 mg/kg				
	Concentration:	Chamistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	G8SE (E)	288	3	309000 173961
	Arsenic Concentration: Cadmium	<15 mg/kg <1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	G10SE (N)	289	3	307906 174546
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	G8SE (E)	297	3	309139 173907
	Arsenic Concentration:	<15 mg/kg				
	Cadmium Concentration: Chromium	<1.8 mg/kg 60 - 90 mg/kg				
	Concentration: Lead Concentration:	<150 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	G8SE (E)	305	3	309180 173916
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	150 - 300 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	G7SW (SE)	305	3	308218 173845
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chomietry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	G8SE (E)	329	3	309000 173921
	Arsenic Concentration: Cadmium	15 - 25 mg/kg <1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration:					
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	-				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	G8SE (E)	331	3	309180 173913
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	G7SE (SE)	338	3	308450 173713
	Cadmium Concentration: Chromium	<1.8 mg/kg 60 - 90 mg/kg				
	Concentration: Lead Concentration:	<150 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	G7SE (SE)	340	3	308493 173845
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	G8SE (E)	361	3	309036 173890
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil					
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	G8SE (E)	364	3	309000 173871
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	G11SW (N)	365	3	308000 174519
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	G12NE (NE)	370	3	309000 174857
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	G8SE (E)	380	3	309085 173887
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	G12NE (NE)	397	3	309000 174884
	Arsenic Concentration:	<15 mg/kg				
	Cadmium Concentration: Chromium	<1.8 mg/kg 60 - 90 mg/kg				
	Concentration: Lead Concentration:	<150 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	G5SE (W)	408	3	307000 174014
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	G5NE (W)	408	3	307000 174141
	Concentration:	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	G12NE (NE)	410	3	309075 175014
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	G12NE (NE)	412	3	309289 175000
	Arsenic Concentration: Cadmium	<15 mg/kg <1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	G3SE (S)	422	3	308316 173031
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	G5SE (W)	436	3	307000 174000
	Arsenic Concentration: Cadmium	<15 mg/kg				
	Concentration:	<1.8 mg/kg 60 - 90 mg/kg				
	Concentration: Lead Concentration:	<150 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	G7SE (SE)	450	3	308352 173727
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	G5SE (W)	462	3	307000 173932
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	G11SW (N)	466	3	308108 174628
	Arsenic Concentration: Cadmium	15 - 25 mg/kg <1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel	150 - 300 mg/kg 15 - 30 mg/kg				
	Concentration:					
	BGS Estimated Soil	-	0.121.111	4=0	6	000=00
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	G12NW (NE)	479	3	308798 174724
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment	ce G9SE (W)	493	3	307000 174434
31	BGS Recorded Mineral Sites Site Name: Redland Location: , St. Nicholas, Cardiff, Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 127933 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Not Available Geology: ! Commodity: Vein Minerals Positional Accuracy: Located by supplier to within 10m	G2NE (S)	193	2	307976 173530
32	BGS Recorded Mineral Sites Site Name: Redland Wood Location: , Bonvilston, Cowbridge, South Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 161154 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: Gully Oolite Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	G6SW (SW)	200	2	307459 173727
33	BGS Recorded Mineral Sites Site Name: Mwdwlscwm Location: , St. Nicholas, Cardiff, Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 127932 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: Gully Oolite Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	G8SE (E)	364	2	309175 173929
	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				
	Mining Instability Mining Evidence: Conclusive Metaliferous Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	G7SW (S)	0	-	308085 174000
	Man-Made Mining Cavities Easting: 308000 Northing: 173600 Distance: 233 Quadrant Reference: G3 Quadrant Reference: NW Bearing Ref: S Cavity Type: Not supplied Commodity: Lead Solid Geology Detail: No Details Superficial Geology Detail:	G3NW (S)	233	4	308000 173600



ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Non Coal Mining A	reas of Great Britain				
	Risk: Source:	Highly Unlikely British Geological Survey, National Geoscience Information Service	G6SE (W)	0	2	307803 173989
	•	osible Ground Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	G7SW (NE)	0	2	308085 174014
	Potential for Collar	osible Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	G7SW (SE)	187	2	308126 173948
	Potential for Comp	ressible Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	G7SW (NE)	0	2	308085 174014
	Potential for Comp	ressible Ground Stability Hazards				
	Hazard Potential:	Moderate	G7SW	187	2	308126
	Source:	British Geological Survey, National Geoscience Information Service	(SE)			173948
	Potential for Group Hazard Potential:	nd Dissolution Stability Hazards Low	G7SW	0	2	308085
	Source:	British Geological Survey, National Geoscience Information Service	(NE)		-	174014
	Potential for Groun	nd Dissolution Stability Hazards				_
	Hazard Potential: Source:	Moderate British Geological Survey, National Geoscience Information Service	G6SE (W)	0	2	307803 173989
	Potential for Grour	nd Dissolution Stability Hazards				
	Hazard Potential: Source:	Moderate British Geological Survey, National Geoscience Information Service	G7NE (NE)	0	2	308346 174312
	Potential for Grour	nd Dissolution Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	G7NW (NE)	0	2	308187 174064
	Potential for Grour	nd Dissolution Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	G2NE (SW)	0	2	307738 173436
	Potential for Groun	nd Dissolution Stability Hazards				
	Hazard Potential: Source:	Low British Geological Survey, National Geoscience Information Service	G7SE (SE)	18	2	308463 173684
	Potential for Groun	nd Dissolution Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	G8NE (E)	27	2	309274 174304
	Potential for Grour	nd Dissolution Stability Hazards	. ,			
	Hazard Potential:	Very Low	G7NW	38	2	308110
	Source:	British Geological Survey, National Geoscience Information Service	(E)			174019
	Hazard Potential:	nd Dissolution Stability Hazards Very Low	G7SW	61	2	308043
	Source:	British Geological Survey, National Geoscience Information Service	(S)			173868
		nd Dissolution Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	G7SW (E)	87	2	308210 173999
	Potential for Grour	nd Dissolution Stability Hazards				
	Hazard Potential: Source:	Moderate British Geological Survey, National Geoscience Information Service	G11SW (N)	94	2	308123 174491
		nd Dissolution Stability Hazards	(14)			174431
	Hazard Potential:	Low	G8SW	127	2	308727 174002
	Source:	British Geological Survey, National Geoscience Information Service	(E)			174002
	Hazard Potential: Source:	Low British Geological Survey, National Geoscience Information Service	G8NW	136	2	308962 174045
		nd Dissolution Stability Hazards	(E)			177040
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	G7SW (SE)	143	2	308214 173945
		nd Dissolution Stability Hazards	(02)			
	Hazard Potential:	Low British Geological Survey, National Geoscience Information Service	G6SW (SW)	146	2	307536 173711
	Source:					
		nd Dissolution Stability Hazards	(311)			



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Ground Dissolution Stability Hazards				
	Hazard Potential: No Hazard Source: No Hazard Survey, National Geoscience Information Service	G7SW (S)	201	2	308127 173835
	Potential for Ground Dissolution Stability Hazards				
	Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	G7SE (E)	218	2	308613 173864
	Potential for Ground Dissolution Stability Hazards	()			
	Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	G10SW (NW)	223	2	307486 174469
	Potential for Landslide Ground Stability Hazards				
	Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	G7SW (NE)	0	2	308085 174014
	Potential for Landslide Ground Stability Hazards	(INL)			174014
	Hazard Potential: Source: No Hazard British Geological Survey, National Geoscience Information Service	G7NW (E)	38	2	308110 174019
	Potential for Landslide Ground Stability Hazards				
	Hazard Potential: Low Source: Eritish Geological Survey, National Geoscience Information Service	G3SW (S)	45	2	307985 173221
	Potential for Landslide Ground Stability Hazards				
	Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	G7SW (SE)	187	2	308126 173948
	Potential for Landslide Ground Stability Hazards				
	Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	G7SW (SE)	211	2	308130 173925
	Potential for Landslide Ground Stability Hazards				
	Hazard Potential: No Hazard Source: No Hazard British Geological Survey, National Geoscience Information Service	G7SE (E)	218	2	308613 173864
	Potential for Running Sand Ground Stability Hazards				
	Hazard Potential: No Hazard Source: No Hazard British Geological Survey, National Geoscience Information Service	G7NW (E)	0	2	308110 174019
	Potential for Running Sand Ground Stability Hazards				
	Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	G7SW (NE)	0	2	308085 174014
	Potential for Running Sand Ground Stability Hazards	, ,			
	Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	G8NE (E)	18	2	309052 174183
	Potential for Running Sand Ground Stability Hazards	(L)			174103
	Hazard Potential: No Hazard	G8NW	136	2	308962
	Source: British Geological Survey, National Geoscience Information Service	(E)			174045
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low	G7SW	187	2	308126
	Source: British Geological Survey, National Geoscience Information Service	(SE)			173948
	Potential for Shrinking or Swelling Clay Ground Stability Hazards	0705		0	000010
	Hazard Potential: No Hazard Source: No Hazard British Geological Survey, National Geoscience Information Service	G7SE (E)	0	2	308613 173864
	Potential for Shrinking or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	G7SW (S)	0	2	308061 173902
	Potential for Shrinking or Swelling Clay Ground Stability Hazards				
	Hazard Potential: No Hazard Source: No Hazard Survey, National Geoscience Information Service	G2NE (SW)	0	2	307738 173436
	Potential for Shrinking or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Very Low Source: Very Low British Geological Survey, National Geoscience Information Service	G7SW (NE)	0	2	308085 174014
	Potential for Shrinking or Swelling Clay Ground Stability Hazards				
	Hazard Potential: No Hazard Source: No Hazard British Geological Survey, National Geoscience Information Service	G7NW (E)	38	2	308110 174019
	Potential for Shrinking or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	G7SW (S)	61	2	308043 173868
	Potential for Shrinking or Swelling Clay Ground Stability Hazards				
	Hazard Potential: No Hazard	G6SW	146	2	307536



	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	G7SW (SE)	187	2	308126 173948
Potential for Shrink	ing or Swelling Clay Ground Stability Hazards	. ,			
Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	G7SW (S)	201	2	308127 173835
Protection Measure:	Basic radon protective measures are necessary in the construction of new dwellings or extensions	G8SW (E)	0	2	308699 173925
		G7SW (W)	0	2	308024 174014
Radon Potential - R	adon Protection Measures				
Protection Measure: Source:	Full radon protective measures are necessary in the construction of new dwellings or extensions British Geological Survey, National Geoscience Information Service	G7NW (N)	0	2	308049 174300
Protection Measure:	Basic radon protective measures are necessary in the construction of new dwellings or extensions	G7SW (NE)	0	2	308085 174014
	Basic radon protective measures are necessary in the construction of new	G7SW	0	2	308099 173950
Source:	British Geological Survey, National Geoscience Information Service	(3)			173330
Protection Measure:	No radon protective measures are necessary in the construction of new dwellings or extensions	G2NE (SW)	0	2	307699 173375
Protection Measure:	Basic radon protective measures are necessary in the construction of new dwellings or extensions	G6NE (W)	0	2	307849 174075
Affected Area: Source:	The property is in an intermediate probability radon area, as between 5 and 10% of homes are above the action level British Geological Survey, National Geoscience Information Service	G8SW (E)	0	2	308699 173925
Radon Potential - R	adon Affected Areas				
Affected Area: Source:	The property is in an intermediate probability radon area, as between 1 and 3% of homes are above the action level British Geological Survey, National Geoscience Information Service	G7SW (W)	0	2	308024 174014
Radon Potential - R	adon Affected Areas				
Affected Area: Source:	The property is in a higher probability radon area, as between 10 and 30% of homes are above the action level British Geological Survey, National Geoscience Information Service	G7NW (N)	0	2	308049 174300
Radon Potential - R	adon Affected Areas				
Affected Area:	The property is in an intermediate probability radon area, as between 3 and 5% of homes are above the action level	G7SW (NE)	0	2	308085 174014
		070147		0	20222
Affected Area: Source:	10% of homes are above the action level	G7SW (S)	U	2	308099 173950
	<u> </u>				
Affected Area:	The property is in a lower probability radon area, as less than 1% of homes are above the action level	G2NE (SW)	0	2	30769 17337
Source:	British Geological Survey, National Geoscience Information Service				
Radon Potential - R Affected Area:	The property is in an intermediate probability radon area, as between 3 and	G6NE (W)	0	2	30784 17407
	Hazard Potential: Source: Potential for Shrink Hazard Potential: Source: Radon Potential - R Protection Measure: Source: Radon Potential - R Protection Measure: Source: Radon Potential - R Protection Measure: Source: Radon Potential - R Protection Measure: Source: Radon Potential - R Protection Measure: Source: Radon Potential - R Protection Measure: Source: Radon Potential - R Protection Measure: Source: Radon Potential - R Protection Measure: Source: Radon Potential - R Affected Area: Source:	Potential for Shrinking or Swelling Clay Ground Stability Hazards Very Low British Geological Survey, National Geoscience Information Service Potential for Shrinking or Swelling Clay Ground Stability Hazards No Hazard Potential: Source: British Geological Survey, National Geoscience Information Service Protection Measure: Basic radon protection Measures Protection Measure: British Geological Survey, National Geoscience Information Service 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 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 Radon Potential - Radon Protection Measures Protection Measure: Full radon protective measures are necessary in the construction of new dwellings or extensions Surice: British Geological Survey, National Geoscience Information Service Radon Potential - Radon Protection Measures Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service Radon Potential - Radon Protection Measures Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service Radon Potential - Radon Protection Measures Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service Radon Potential - Radon Protection Measures Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions Source:	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential Very Low British Geological Survey, National Geoscience Information Service British Geo	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low British Ceological Survey, National Geoscience Information Service British Geological Survey, National Geoscience Information Service Fortential for Shrinking or Swelling Clay Ground Stability Hazards No Hazard Potential: No Hazard Source: Shrish Geological Survey, National Geoscience Information Service Radon Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service Brit	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hizard Potential: Very Low Source: Strike Geological Survey, National Geoscience Information Service Survey: Radon Potential - Radon Protection Measures Protection Measures Protection Measures Season Potential - Radon Protection Measures Protection Measures Season Potential - Radon Protection Measures Protection Measures Season Potential - Radon Protection Measures Protection Measures Season

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Industrial Land Use

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Contemporary Trad	e Directory Entries				
34	Name: Location: Classification: Status: Positional Accuracy:	Cm Utilities Llaneinydd, St. Nicholas, Cardiff, CF5 6SG Gas Companies Inactive Automatically positioned to the address	G8NW (E)	39	-	308899 174287

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Data Currency

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Vale Of Glamorgan County Borough Council - Environmental Health Department	October 2012	Annual Rolling Update
Discharge Consents		
Environment Agency - Welsh Region	October 2013	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Welsh Region	March 2013	As notified
Integrated Pollution Controls		
Environment Agency - Welsh Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control		
Environment Agency - Welsh Region	October 2013	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Vale Of Glamorgan County Borough Council - Environmental Health Department	November 2012	Annual Rolling Update
Local Authority Pollution Prevention and Controls		
/ale Of Glamorgan County Borough Council - Environmental Health Department	November 2012	Annual Rolling Update
ocal Authority Pollution Prevention and Control Enforcements		
/ale Of Glamorgan County Borough Council - Environmental Health Department	November 2012	Annual Rolling Update
Nearest Surface Water Feature		
Ordnance Survey	July 2012	Quarterly
Pollution Incidents to Controlled Waters		
Environment Agency - Welsh Region	December 1998	Not Applicable
Prosecutions Relating to Authorised Processes		
Environment Agency - Welsh Region	March 2013	As notified
Prosecutions Relating to Controlled Waters		
Environment Agency - Welsh Region	March 2013	As notified
Registered Radioactive Substances		1.0.1.0.1.0.1.0
Environment Agency - Welsh Region	October 2013	Quarterly
River Quality	0000001 2010	Quarterly
Environment Agency - Head Office	November 2001	Not Applicable
	November 2001	Not Applicable
River Quality Biology Sampling Points	luly 2012	Annually
Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points	L.L. 0040	A
Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register		
Environment Agency Wales - South East Area	October 2013	Quarterly
Water Abstractions		
Environment Agency - Welsh Region	October 2013	Quarterly
Water Industry Act Referrals		
Environment Agency - Welsh Region	October 2013	Quarterly
Groundwater Vulnerability		
Environment Agency - Head Office	January 2011	Not Applicable
Drift Deposits		
Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations		
British Geological Survey - National Geoscience Information Service	October 2012	Annually
Superficial Aquifer Designations		
British Geological Survey - National Geoscience Information Service	October 2012	Annually
Source Protection Zones		
Environment Agency - Head Office	October 2013	Quarterly
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	August 2013	Quarterly

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Agency & Hydrological	Version	Update Cycle
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	August 2013	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	August 2013	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	August 2013	Quarterly
Flood Defences		
Environment Agency - Head Office	August 2013	Quarterly
Detailed River Network Lines		
Environment Agency - Head Office	March 2012	Annually
Detailed River Network Offline Drainage		
Environment Agency - Head Office	March 2012	Annually
Waste	Version	Update Cycle
		- - - - - - - - - - - - -
BGS Recorded Landfill Sites	l 4000	Not Applicable
British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites		
Environment Agency - South East Region - Kent & South London Area	October 2013	Quarterly
Environment Agency - South East Region - North East Thames Area	October 2013	Quarterly
Environment Agency - South East Region - Solent & South Downs Area	October 2013	Quarterly
Environment Agency - South East Region - West Thames Area	October 2013	Quarterly
Environment Agency Wales - South East Area	October 2013	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Welsh Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - South East Region - Kent & South London Area	October 2013	Quarterly
Environment Agency - South East Region - North East Thames Area	October 2013	Quarterly
Environment Agency - South East Region - Solent & South Downs Area	October 2013	Quarterly
Environment Agency - South East Region - West Thames Area	October 2013	Quarterly
Environment Agency Wales - South East Area	October 2013	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency Wales - South East Area	October 2013	Quarterly
Local Authority Landfill Coverage		
Vale Of Glamorgan County Borough Council	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
Vale Of Glamorgan County Borough Council	May 2000	Not Applicable
Registered Landfill Sites		
Environment Agency Wales - South East Area	March 2003	Not Applicable
	IVIAIUI 2003	Not Applicable
Registered Waste Transfer Sites	M	NIAL ASSETS OF
Environment Agency Wales - South East Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency Wales - South East Area	March 2003	Not Applicable



Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	August 2013	Bi-Annually
Explosive Sites		5.4
Health and Safety Executive	November 2013	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Vale Of Glamorgan County Borough Council - Planning Department	January 2013	Annual Rolling Update
Planning Hazardous Substance Consents Vale Of Glamorgan County Borough Council - Planning Department	January 2013	Annual Rolling Update
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	August 1006	Not Applicable
5 ,	August 1996	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	January 2010	Variable
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	October 2013	Bi-Annually
Coal Mining Affected Areas		
The Coal Authority - Mining Report Service	January 2012	As notified
Mining Instability	Outstand 2000	Net Angliechte
Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	February 2011	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Compressible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Ground Dissolution Stability Hazards		
British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Landslide Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Running Sand Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	October 2013	As notified
Radon Potential - Radon Affected Areas	lub 0044	A o +: #:!
British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	As notified
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries		
Thomson Directories	November 2013	Quarterly
Fuel Station Entries		
Catalist Ltd - Experian	August 2013	Quarterly

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Sensitive Land Use	Version	Update Cycle
Areas of Outstanding Natural Beauty		
Natural Resources Wales (NRW) - formerly CCW	May 2013	Bi-Annually
Environmentally Sensitive Areas		
The National Assembly for Wales - GI Services (Department of Planning & Countryside)	August 2008	Annually
Forest Parks		
Forestry Commission	April 1997	Not Applicable
Local Nature Reserves		
Vale Of Glamorgan County Borough Council	May 2013	Bi-Annually
Marine Nature Reserves		
Natural Resources Wales (NRW) - formerly CCW	May 2013	Bi-Annually
National Nature Reserves		
Natural Resources Wales (NRW) - formerly CCW	May 2013	Bi-Annually
Nitrate Sensitive Areas		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2012	Not Applicable
Nitrate Vulnerable Zones		
The National Assembly for Wales - GI Services (Department of Planning & Countryside)	October 2005	Annually
Ramsar Sites		
Natural Resources Wales (NRW) - formerly CCW	May 2013	Bi-Annually
Sites of Special Scientific Interest		
Natural Resources Wales (NRW) - formerly CCW	May 2013	Bi-Annually
Special Areas of Conservation		
Natural Resources Wales (NRW) - formerly CCW	May 2013	Bi-Annually
Special Protection Areas		
Natural Resources Wales (NRW) - formerly CCW	May 2013	Bi-Annually

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Data Suppliers

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	Cordnance Survey®
Environment Agency	Environment Agency
Scottish Environment Protection Agency	SEPA Scottish Environment Protection Agency
The Coal Authority	THE COAL AUTHORITY
British Geological Survey	British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Countryside Council for Wales	CYNGOR CEFN GWLAD CYMRU COUNTRYSIDE COUNCIL FOR WALES
Scottish Natural Heritage	SCOTTISH NATURAL HERITAGE 必公司
Natural England	NATURAL ENGLAND
Public Health England	Public Health England
Ove Arup	ARUP
Peter Brett Associates	peterbrett



Useful Contacts

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Contact	Name and Address	Contact Details
1	Environment Agency - National Customer Contact Centre (NCCC)	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
	PO Box 544, Templeborough, Rotherham, S60 1BY	
2	British Geological Survey - Enquiry Service	Telephone: 0115 936 3143
	British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
3	Landmark Information Group Limited	Telephone: 0844 844 9952 Fax: 0844 844 9951
	Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Email: customerservices@landmark.co.uk Website: www.landmarkinfo.co.uk
4	Peter Brett Associates	Telephone: 0118 950 0761 Fax: 0118 959 7498
	Caversham Bridge House, Waterman Place, Reading, Berkshire, RG1 8DN	Email: reading@pba.co.uk Website: www.pba.co.uk
5	Natural Resources Wales (NRW) - formerly CCW	Telephone: 01248 385500 Fax: 01248 355782
	Plas Penrhose, Fford Penrhos, Bangor, Gwynedd, LL57 2LQ	Fax. 01246 305/62
6	Vale Of Glamorgan County Borough Council	Telephone: 01446 700111 Fax: 01446 745566
	Civic Offices, Holton Road, Barry, South Glamorgan, CF63 4RU	Website: www.valeofglamorgan.gov.uk
-	Public Health England - Radon Survey, Centre for	Telephone: 01235 822622 Fax: 01235 833891
	Radiation, Chemical and Environmental Hazards	Email: radon@phe.gov.uk Website: www.ukradon.org
	Chilton, Didcot, Oxfordshire, OX11 0RQ	
-	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 / SEPA have a charging policy in place for enquiries.



Envirocheck® Report:

Datasheet

Order Details:

Order Number:

68427202_1_1

Customer Reference:

3512464D-HHC

National Grid Reference:

307400, 174140

Slice:

Α

Site Area (Ha):

1.77

Search Buffer (m):

1000

Site Details:

Site at 307420, 174160

Client Details:

Miss A Macro Parsons Brinckerhoff Ltd 29 Cathedral Road Cardiff CF11 9HA

Prepared For:

Welsh Government Sycamore Cross Junction A48 - A4226 Vale of Glamorgan



Order Number: 68427202_1_1



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Waste	5
Hazardous Substances	-
Geological	6
Industrial Land Use	-
Sensitive Land Use	-
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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 the attached 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 v49.0

Order Number: 68427202_1_1



Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1			3	2
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
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 2		Yes		
Pollution Incidents to Controlled Waters					
Prosecutions Relating to Authorised Processes					
Prosecutions Relating to Controlled Waters					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 2		3		
Water Industry Act Referrals					
Groundwater Vulnerability	pg 3	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 3	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 3	Yes	n/a	n/a	n/a
Source Protection Zones					
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
Detailed River Network Lines	pg 3			Yes	n/a
Detailed River Network Offline Drainage	pg 4		Yes	Yes	n/a





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					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Recorded Landfill Sites					
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					
Geological					
BGS 1:625,000 Solid Geology	pg 6	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 6	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 27			1	6
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
Brine Compensation Area			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	pg 28				1
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 28	Yes		n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 28	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 28	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 28	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 28	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 28	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas	pg 29	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures	pg 29	Yes	n/a	n/a	n/a



Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Industrial Land Use					
Contemporary Trade Directory Entries					
Fuel Station Entries					
Sensitive Land Use					
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					
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consent Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Mr A J Williams Domestic Property (Single) Redlands Court Farm Sycamore Cross, Bonvilston, Vale Of Glamorgan Natural Resources Wales Not Supplied An0372901 1 5th August 2004 5th August 2004 Not Supplied Sewage Discharges - Final/Treated Effluent - Not Water Company Freshwater Stream/River To Ground New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Located by supplier to within 100m	A8NE (S)	346	2	307500 173700
2	Discharge Consent Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Dwr Cymru Cyfyngedig Sewage Disposal Works - Water Company Bonvilston East Stw Natural Resources Wales River Thaw Ag0011901 2 1st January 2010 24th September 2009 Not Supplied Sewage Discharges - Final/Treated Effluent - Water Company Freshwater Stream/River Trib Of Nant Llancarfan New Consent, by Application (Water Resources Act 1991, Section 88) Located by supplier to within 100m	A8NW (SW)	387	2	307200 173700
2	Discharge Consent Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Dwr Cymru Cyfyngedig Sewage Disposal Works - Water Company Bonvilston East Stw Natural Resources Wales River Thaw AG0011901 1 26th April 1982 26th April 1982 26th April 1982 31st December 2009 Sewage Discharges - Final/Treated Effluent - Water Company Freshwater Stream/River Trib Of Nant Llancarfan New Consent, by Application (Water Resources Act 1991, Section 88) Located by supplier to within 10m	A8NW (SW)	387	2	307200 173700
3	Discharge Consent Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Cottrell Park Limited Recreational & Cultural Golfing Facilities, Cottrell Park, St Nicholas, Cardiff, South Glamorgan, Cf5 6sj Natural Resources Wales River Ely Npswqd006817 2 19th December 2012 19th December 2012 Not Supplied Sewage Discharges - Final/Treated Effluent - Not Water Company Land/Soakaway Ground Waters Varied under EPR 2010 Located by supplier to within 10m	A19NW (NE)	817	2	307846 174970



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Cottrell Park Limited Recreational & Cultural Golfing Facilities, Cottrell Park, St Nicholas, Cardiff, South Glamorgan, Cf5 6sj Natural Resources Wales River Ely Npswqd006817 1 22nd January 2010 22nd January 2010 18th December 2012 Sewage Discharges - Final/Treated Effluent - Not Water Company Land/Soakaway Ground Waters New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Located by supplier to within 10m	A19NW (NE)	817	2	307846 174970
4	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Iution Prevention and Controls Bonvilston Garage Bonvilston, CARDIFF, South Glamorgan, CF5 6TQ Vale Of Glamorgan County Borough Council, Environmental Health Department Vog/34 20th May 1999 Local Authority Air Pollution Control PG1/14 Petrol filling station Authorisation revokedRevoked Automatically positioned to the address	A11SE (W)	989	3	306256 173961
	Nearest Surface Wa	iter Feature	A13NE (N)	26	-	307414 174203
5	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Messrs W Powell & Sons Ltd 21/58/21/0014 101 Well At Sheepcourt Environment Agency, Welsh Region General Farming And Domestic Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied 01 January 31 December 7th January 1993 Not Supplied Located by supplier to within 100m	A13SW (W)	134	4	307100 174100
5	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Messrs W Powell & Sons Ltd 21/58/21/0014 100 Well At Sheepcourt Environment Agency, Welsh Region General Farming And Domestic Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Well At Sheepcourt 01 January 31 December 7th September 1992 Not Supplied Located by supplier to within 100m	A13SW (W)	134	4	307100 174100



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Messrs William Powell & Sons Ltd 21/58/21/0024 100 Borehole Near Sheepcourt Farm Natural Resources Wales General Agriculture: Spray Irrigation - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Borehole - 140 M Depth / 150Mm Diameter 01 April 30 September 25th February 1997 Not Supplied Located by supplier to within 100m	A13NE (N)	205	2	307420 174400
	Groundwater Vulne Soil Classification: Map Sheet: Scale:	rability Soils of Intermediate Leaching Potential (I1) - Soils which can possibly transmit a wide range of pollutants Sheet 36 Mid Glamorgan 1:100,000	A13NE (S)	0	4	307400 174136
	Drift Deposits Drift Deposit: Map Sheet: Scale:	Low permeability drift deposits occuring at the surface and overlying Major and Minor Aquifers are head, clay-with-flints, brickearth, peat, river terrace deposits and marine and estuarine alluvium Sheet 36 Mid Glamorgan 1:100,000		0	4	307400 174136
	Bedrock Aquifer De Aquifer Designation:	-	A13NE (S)	0	5	307400 174136
	Superficial Aquifer I Aquifer Designation:	-	A13NE (S)	0	5	307400 174136
	None	om Rivers or Sea without Defences s or Sea without Defences om Flood Defences				
	Flood Water Storage None	e Areas				
7	Flood Defences None Detailed River Netw River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Tertiary River Not Supplied D008 Primary Flow Path	A8NW (S)	341	4	307287 173747
8	Detailed River Netw River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Tertiary River Not Supplied D008 Primary Flow Path	A8NW (SW)	376	4	307200 173709



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Detailed River Network Lines				
9	River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A8NW (SW)	381	4	307204 173705
	Detailed River Network Lines				
10	River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A7NE (SW)	457	4	306896 173785
	Detailed River Network Lines				
11	River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A7NE (SW)	460	4	306899 173777
	Detailed River Network Lines				
12	River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A7NE (SW)	460	4	306899 173777
	Detailed River Network Offline Drainage				
13	River Type: Tertiary River Hydrographic Area: D008	A13NE (N)	26	4	307414 174203
14	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D008	A13NE (N)	26	4	307414 174203
15	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D008	A13NE (N)	26	4	307404 174199
16	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D008	A13NE (NE)	37	4	307563 174242
17	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D008	A14NW (E)	303	4	307856 174194





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR	
	Local Authority La	ndfill Coverage					ĺ
	Name:	Vale Of Glamorgan County Borough Council - Has supplied landfill data		0	7	307400 174136	

Order Number: 68427202_1_1 Date: 09-Jun-2015 rpr_ec_datasheet v49.0 A Landmark Information Group Service Page 5 of 36





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Description:	d Geology Dinantian Rocks (Undifferentiated)	A13NE (S)	0	5	307400 174136
	BGS Estimated Soil Source: Soil Sample Type: Arsenic	Chemistry British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A13NE (S)	0	5	307400 174136
	Concentration: Cadmium Concentration: Chromium	<1.8 mg/kg 60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel Concentration:					
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A13NW (N)	0	5	307394 174176
	Cadmium Concentration: Chromium	<1.8 mg/kg 60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel Concentration:					
		I Ohamilatan				
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A13SE (S)	44	5	307400 174000
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration: Nickel	60 - 90 mg/kg <150 mg/kg 15 - 30 mg/kg				
	Concentration:					
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A13SW (SW)	199	5	307203 173869
	Cadmium Concentration: Chromium	<1.8 mg/kg 60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel	<150 mg/kg				
	Concentration:	30 - 45 mg/kg				
	BGS Estimated Soil	•				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A14NW (E)	210	5	307763 174147
	Cadmium Concentration: Chromium	<1.8 mg/kg 60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel	<150 mg/kg 15 - 30 mg/kg				
	Concentration:	Chamiatra				
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A13NW (N)	230	5	307353 174448
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration: Nickel	60 - 90 mg/kg <150 mg/kg 15 - 30 mg/kg				
	Concentration:					





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A12NE (W)	234	5	307000 174136
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	A12NE (W)	237	5	307000 174141
	Arsenic Concentration: Cadmium	<15 mg/kg <1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel	<150 mg/kg 15 - 30 mg/kg				
	Concentration:					
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A12SE (W)	255	5	307000 174000
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A13SE (SE)	255	5	307663 173879
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A12SE (SW)	285	5	307000 173932
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	A14SW (SE)	299	5	307744 173892
	Arsenic Concentration: Cadmium	15 - 25 mg/kg <1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A8NW (S)	308	5	307310 173733
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration: Nickel	60 - 90 mg/kg <150 mg/kg 30 - 45 mg/kg				
	Concentration:					
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration:	Chemistry British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A8NE (S)	312	5	307481 173733
	Cadmium Concentration: Chromium	<1.8 mg/kg 60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel Concentration:					
		I OLIVINIA III				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A13SE (SE)	321	5	307728 173853
	Concentration: Cadmium Concentration: Chromium	<1.8 mg/kg 60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel Concentration:					
	BGS Estimated Soil	Chomietry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A14NW (E)	348	5	307902 174136
	Concentration: Cadmium Concentration: Chromium	<1.8 mg/kg 60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel Concentration:					
	BGS Estimated Soil	Chamistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A14NW (E)	370	5	307904 174308
	Cadmium Concentration: Chromium	<1.8 mg/kg 60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A7NE (SW)	372	5	307018 173786
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration: Nickel	60 - 90 mg/kg <150 mg/kg 30 - 45 mg/kg				
	Concentration:	co .o .ngmg				





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A12SE (SW)	372	5	307000 173801
	Cadmium Concentration: Chromium	<1.8 mg/kg				
	Concentration: Lead Concentration:					
	Nickel Concentration:	30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A14SW (E)	386	5	307901 174000
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A12NE (NW)	395	5	307000 174434
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A14SW (SE)	436	5	307900 173903
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg <150 mg/kg				
	Nickel Concentration:	30 - 45 mg/kg				
	BGS Estimated Soil	•				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A14NW (E)	446	5	308000 174136
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A14SW (SE)	452	5	307900 173878
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR	
	BGS Estimated Soil	I Chemistry					
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A12SE (W)	456	5	306791 174000	
	Concentration: Cadmium Concentration:	<1.8 mg/kg					
	Chromium Concentration:	60 - 90 mg/kg					
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg					
	BGS Estimated Soil	I Chemistry					
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	A12SE (W)	463	5	306806 173927	
	Arsenic Concentration:	15 - 25 mg/kg	(,				
	Cadmium Concentration:	<1.8 mg/kg					
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg					
	Nickel Concentration:	15 - 30 mg/kg					
	BGS Estimated Soil	I Chemistry					
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A14SW (E)	477	5	308000 174000	
	Concentration: Cadmium Concentration:	<1.8 mg/kg					
	Chromium Concentration:	60 - 90 mg/kg					
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg					
	BGS Estimated Soi	I Chemistry					
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A14NW (E)	483	5	308000 174377	
	Concentration:	<1.8 mg/kg					
	Concentration: Chromium Concentration:	60 - 90 mg/kg					
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg					
	BGS Estimated Soil	I Chamiston					
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A19SW (NE)	492	5	307906 174546	
	Concentration: Cadmium	<1.8 mg/kg					
	Concentration:	60 - 90 mg/kg					
	Concentration: Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg					
	BGS Estimated Soil	I Chemistry					
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	A7NE (SW)	493	5	307039 173635	
	Arsenic Concentration: Cadmium	15 - 25 mg/kg <1.8 mg/kg					
	Concentration: Chromium	60 - 90 mg/kg					
	Concentration: Lead Concentration: Nickel	<150 mg/kg 30 - 45 mg/kg					
	Concentration:						





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	I Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A7NE (SW)	501	5	307000 173645
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	40 - 60 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	I Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	A9NW (SE)	511	5	307899 173763
	Arsenic Concentration:	<15 mg/kg				
	Cadmium Concentration: Chromium	<1.8 mg/kg 60 - 90 mg/kg				
	Concentration: Lead Concentration:	<150 mg/kg				
	Nickel Concentration:	30 - 45 mg/kg				
	BGS Estimated Soil	I Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A14SW (E)	515	5	308000 173911
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	I Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A14SW (SE)	533	5	308000 173876
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	I Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A7NE (SW)	536	5	307000 173605
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	I Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A19SW (NE)	549	5	308000 174519
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration:	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A18SW (N)	552	5	307261 174762
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	A14SE (E)	555	5	308103 174088
	Arsenic Concentration:	<15 mg/kg				
	Cadmium Concentration: Chromium	<1.8 mg/kg 60 - 90 mg/kg				
	Concentration: Lead Concentration:	<150 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A8NW (SW)	561	5	307059 173553
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A18SW (N)	576	5	307221 174778
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A14SE (E)	580	5	308090 173948
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	A9NW (SE)	591	5	307957 173708
	Arsenic Concentration: Cadmium	15 - 25 mg/kg <1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel	<150 mg/kg				
	Concentration:	30 - 45 mg/kg				





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A7NE (SW)	594	5	307000 173542
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration: Nickel	60 - 90 mg/kg <150 mg/kg 30 - 45 mg/kg				
	Concentration:					
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A14SE (E)	614	5	308127 173948
	Cadmium Concentration: Chromium	<1.8 mg/kg 60 - 90 mg/kg				
	Concentration: Lead Concentration:	<150 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil					
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A14SE (E)	618	5	308149 174000
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A18NW (N)	619	5	307394 174831
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A9NW (SE)	620	5	308000 173719
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg <150 ma/ka				
	Nickel Concentration:	30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A18NW (N)	620	5	307394 174831
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel	150 - 300 mg/kg 15 - 30 mg/kg				
	Concentration:					





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A8SE (S)	626	5	307649 173447
	Cadmium Concentration: Chromium	<1.8 mg/kg 60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel					
	Concentration:					
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A17SE (NW)	630	5	307000 174747
	Cadmium Concentration: Chromium	<1.8 mg/kg 60 - 90 mg/kg				
	Concentration: Lead Concentration:					
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil					
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A14SE (E)	639	5	308178 174031
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A9NW (SE)	646	5	308000 173669
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg				
	Nickel Concentration:	30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A14SE (E)	648	5	308180 174000
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg <150 mg/kg				
	Nickel Concentration:	30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A18NE (N)	651	5	307456 174854
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A17SE (NW)	655	5	307000 174776
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:					
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A14SE (E)	674	5	308216 174040
	Cadmium Concentration: Chromium	<1.8 mg/kg				
	Concentration: Lead Concentration:	60 - 90 mg/kg <150 mg/kg				
	Nickel Concentration:	30 - 45 mg/kg				
	BGS Estimated Soil					
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A14SE (E)	679	5	308211 174000
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A12SW (W)	680	5	306562 174000
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A17SE (NW)	681	5	306966 174786
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg <150 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A19SE (NE)	683	5	308084 174632
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	150 - 300 mg/kg 15 - 30 mg/kg				





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A17NE (NW)	683	5	307000 174809
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration: Nickel	60 - 90 mg/kg <150 mg/kg 15 - 30 mg/kg				
	Concentration:					
	BGS Estimated Soil Source: Soil Sample Type: Arsenic	Chemistry British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A7SE (SW)	690	5	307002 173437
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:					
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A7SE (SW)	691	5	307000 173437
	Concentration: Cadmium Concentration: Chromium	<1.8 mg/kg 60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel Concentration:					
		Chamiatry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A14SE (E)	695	5	308196 173903
	Concentration: Cadmium Concentration: Chromium	<1.8 mg/kg 60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel					
	Concentration:					
	BGS Estimated Soil Source: Soil Sample Type: Arsenic	Chemistry British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A18NW (N)	705	5	307107 174880
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg <150 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A9NW (SE)	724	5	307962 173516
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:					
	Nickel Concentration:	15 - 30 mg/kg				





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A14SE (E)	738	5	308218 173845
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:					
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A9NW (SE)	741	5	308000 173528
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg <150 ma/ka				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A7SE (SW)	744	5	307000 173380
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A17SE (NW)	745	5	306760 174694
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A14SE (E)	750	5	308242 173869
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg <150 mg/kg				
	Nickel Concentration:	30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A12SW (W)	753	5	306540 173809
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel	<150 mg/kg 15 - 30 mg/kg				
	Concentration:					





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A18NW (N)	758	5	307232 174964
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	A12SW (W)	761	5	306473 174104
	Arsenic Concentration: Cadmium	<15 mg/kg <1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel	<150 mg/kg 15 - 30 mg/kg				
	Concentration:					
	BGS Estimated Soil Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment	A17SE (NW)	767	5	306722 174684
	Concentration: Cadmium	<15 mg/kg <1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A12SW (W)	778	5	306457 174069
	Concentration:	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A18NW (N)	785	5	307280 174996
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A17NE (NW)	787	5	307000 174925
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A18NE (N)	787	5	307400 175000
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	A18NW (N)	788	5	307286 175000
	Arsenic Concentration: Cadmium	<15 mg/kg <1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel					
	Concentration:	15 - 50 Hig/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A18NW (N)	789	5	307280 175000
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	•				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A18NE (N)	791	5	307568 175000
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	150 - 300 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chamistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A18NW (N)	794	5	307228 175000
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A18NW (N)	796	5	307300 175009
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A14NE (E)	799	5	308339 174319
	Concentration:	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	A19NW (NE)	813	5	307962 174908
	Arsenic Concentration:	<15 mg/kg				
	Cadmium Concentration: Chromium	<1.8 mg/kg 60 - 90 mg/kg				
	Concentration: Lead Concentration:					
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A19NW (N)	814	5	307742 175000
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A19SE (NE)	815	5	308155 174752
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel	<150 mg/kg 15 - 30 mg/kg				
	Concentration:					
	BGS Estimated Soil	•				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A19NW (NE)	816	5	308000 174889
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	A12NW (W)	816	5	306422 174188
	Arsenic Concentration: Cadmium	<15 mg/kg <1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration:					
	Nickel Concentration:	15 - 30 mg/kg				





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A19NW (NE)	817	5	308006 174885
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	150 - 300 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment	A7SE (SW)	830	5	307000 173290
	Concentration:	<15 mg/kg <1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
		Chamieter				
	BGS Estimated Soil Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A19SE (NE)	834	5	308153 174782
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A19NE (NE)	836	5	308089 174846
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A19NW (NE)	840	5	307982 174928
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A19NW (NE)	840	5	307998 174918
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	150 - 300 mg/kg 15 - 30 mg/kg				





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A19NW (NE)	840	5	308000 174917
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:					
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A17SW (NW)	851	5	306606 174679
	Cadmium Concentration: Chromium	<1.8 mg/kg 60 - 90 mg/kg				
	Concentration: Lead Concentration:	<150 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil					
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A17NE (NW)	855	5	307000 175000
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A19NE (NE)	859	5	308090 174875
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment 35 - 45 mg/kg	A18NW (N)	866	5	307387 175078
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	40 - 60 mg/kg <150 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A19NW (NE)	870	5	307910 175000
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A19NW (NE)	888	5	307910 175020
	Cadmium Concentration: Chromium	<1.8 mg/kg 60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel					
	Concentration:	10 00 mg/ng				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A15SW (E)	905	5	308443 174000
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A19NW (NE)	911	5	308000 175000
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg 150 - 300 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A9NE (SE)	912	5	308349 173721
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg <150 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	•				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A15SW (E)	917	5	308463 174045
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A17SW (NW)	917	5	306565 174732
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A19SE (NE)	920	5	308290 174752
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	150 - 300 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment	A19NE (NE)	926	5	308156 174907
	Concentration:	<15 mg/kg <1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chamistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A7SE (SW)	933	5	306865 173230
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A19NW (NE)	941	5	308057 175000
	Concentration:	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A23SE (N)	944	5	307464 175150
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A23SE (N)	944	5	307464 175150
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil					
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A7SE (S)	944	5	307000 173171
	Cadmium Concentration: Chromium	<1.8 mg/kg 40 - 60 mg/kg				
	Concentration: Lead Concentration: Nickel					
	Concentration:	30 - 43 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A11SE (W)	945	5	306291 174061
	Cadmium Concentration: Chromium	<1.8 mg/kg 60 - 90 mg/kg				
	Concentration: Lead Concentration:	<150 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A17NE (N)	953	5	307000 175105
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A19NE (NE)	978	5	308158 174973
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg <150 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	•				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A15SW (E)	979	5	308518 174000
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg <150 mg/kg				
	Nickel Concentration:	30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A11SE (W)	981	5	306259 174000
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A15SW (E)	993	5	308490 173836
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	A22SE (N)	994	5	307000 175149
	Arsenic Concentration: Cadmium	<15 mg/kg <1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration:					
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A19NE (NE)	994	5	308070 175056
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	•				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A23SE (N)	995	5	307520 175204
	Concentration:	<1.8 mg/kg				
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chamiatry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A19NE (NE)	999	5	308157 175000
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration:	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel Concentration:	<150 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chamistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Sediment	A19NW (NE)	1000	5	307912 175140
	Arsenic Concentration: Cadmium	<15 mg/kg <1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration:	<150 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Recorded Mine	eral Sites				
18	Site Name: Location: Source: Reference: Type: Status: Operator: Operator Location: Periodic Type: Geology: Commodity: Positional Accuracy:	Redland Wood , Bonvilston, Cowbridge, South Glamorgan British Geological Survey, National Geoscience Information Service 161154 Opencast Ceased Unknown Operator Unknown Operator Carboniferous Gully Oolite Formation Limestone Located by supplier to within 10m	A8NE (S)	317	5	307459 173727
	BGS Recorded Mine	eral Sites				
19	Site Name: Location: Source: Reference: Type: Status: Operator: Operator Location: Periodic Type: Geology: Commodity: Positional Accuracy:	Langdon Wood , Bonvilston, Cowbridge, South Glamorgan British Geological Survey, National Geoscience Information Service 161164 Opencast Ceased Unknown Operator Unknown Operator Triassic St Mary'S Well Bay Member Limestone Located by supplier to within 10m	A7NE (SW)	540	5	306820 173746
	BGS Recorded Mine	eral Sites				
20	Site Name: Location: Source: Reference: Type: Status: Operator: Operator Location: Periodic Type: Geology: Commodity: Positional Accuracy:	Langdon Wood , Bonvilston, Cowbridge, South Glamorgan British Geological Survey, National Geoscience Information Service 161153 Opencast Ceased Unknown Operator Unknown Operator Triassic St Mary'S Well Bay Member Limestone Located by supplier to within 10m	A7NE (SW)	628	5	306800 173637
	BGS Recorded Mine	eral Sites				
21	Site Name: Location: Source: Reference: Type: Status: Operator: Operator Location: Periodic Type: Geology: Commodity:	Redland , St. Nicholas, Cardiff, Glamorgan British Geological Survey, National Geoscience Information Service 127933 Underground Ceased Unknown Operator Unknown Operator Not Available ! Vein Minerals Located by supplier to within 10m	A9NW (SE)	723	5	307976 173530
	BGS Recorded Mine	eral Sites				
22		Coed Yr Aber , Bonvilston, Cowbridge, South Glamorgan British Geological Survey, National Geoscience Information Service 161155 Opencast Ceased Unknown Operator Unknown Operator Triassic St Mary'S Well Bay Member Limestone Located by supplier to within 10m	A8SW (S)	767	5	307265 173302
00	BGS Recorded Mine		AAONE	046	_	207600
23	Site Name: Location: Source: Reference: Type: Status: Operator: Operator Location: Periodic Type: Geology: Commodity: Positional Accuracy:	Log Wood , St Nicholas, Cardiff, South Glamorgan British Geological Survey, National Geoscience Information Service 161142 Opencast Ceased Unknown Operator Unknown Operator Carboniferous Barry Harbour Limestone Formation Limestone Located by supplier to within 10m	A18NE (N)	816	5	307692 175012





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Recorded Mine	eral Sites				
24	Site Name: Location: Source: Reference: Type: Status: Operator: Operator Location: Periodic Type: Geology: Commodity:	Log Wood , St Nicholas, Cardiff, South Glamorgan British Geological Survey, National Geoscience Information Service 161141 Opencast Ceased Unknown Operator Unknown Operator Carboniferous Castell Coch Limestone Formation Limestone Located by supplier to within 10m	A18NW (N)	912	5	307231 175119
	BGS Measured Urba	an Soil Chemistry				
	No data available					
	BGS Urban Soil Che	emistry Averages				
	No data available					
	Coal Mining Affecte					
	In an area that might	not be affected by coal mining				
	Man-Made Mining C					
	Easting: Northing: Distance: Quadrant Reference: Quadrant Reference: Bearing Ref: Cavity Type: Commodity: Solid Geology Detail: Superficial Geology Detail:	NW SE Not supplied Lead No Details	A9NW (SE)	692	6	308000 173600
	Non Coal Mining Are Risk: Source:	eas of Great Britain Highly Unlikely British Geological Survey, National Geoscience Information Service	A13NE (S)	0	5	307400 174136
	Potential for Collaps	sible Ground Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	A13NE (S)	0	5	307400 174136
	Potential for Compr	essible Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	A13NE (S)	0	5	307400 174136
	Potential for Ground Hazard Potential: Source:	d Dissolution Stability Hazards Moderate British Geological Survey, National Geoscience Information Service	A13NE (S)	0	5	307400 174136
	Potential for Ground Hazard Potential: Source:	d Dissolution Stability Hazards Low British Geological Survey, National Geoscience Information Service	A13NW (N)	0	5	307394 174176
	Potential for Ground Hazard Potential: Source:	d Dissolution Stability Hazards Very Low British Geological Survey, National Geoscience Information Service	A13NW (N)	158	5	307353 174377
	Potential for Ground Hazard Potential: Source:	d Dissolution Stability Hazards No Hazard British Geological Survey, National Geoscience Information Service	A13SW (SW)	199	5	307203 173869
	Potential for Landsl Hazard Potential: Source:	ide Ground Stability Hazards Very Low British Geological Survey, National Geoscience Information Service	A13NE (S)	0	5	307400 174136
		ng Sand Ground Stability Hazards Very Low British Geological Survey, National Geoscience Information Service	A13NE (S)	0	5	307400 174136
	Potential for Shrinki Hazard Potential: Source:	ing or Swelling Clay Ground Stability Hazards Very Low British Geological Survey, National Geoscience Information Service	A13NE (S)	0	5	307400 174136
	Potential for Shrinki Hazard Potential: Source:	ing or Swelling Clay Ground Stability Hazards Low British Geological Survey, National Geoscience Information Service	A13SW (SW)	199	5	307203 173869



Geological

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Radon Potential - R	adon Protection Measures				
	Protection Measure: Source:	Basic radon protective measures are necessary in the construction of new dwellings or extensions British Geological Survey, National Geoscience Information Service	A13SE (S)	0	5	307400 174075
	Radon Potential - R	adon Protection Measures				
	Protection Measure: Source:	Basic radon protective measures are necessary in the construction of new dwellings or extensions British Geological Survey, National Geoscience Information Service	A13NE (S)	0	5	307400 174136
	Radon Potential - R	adon Affected Areas				
	Affected Area: Source:	The property is in an intermediate probability radon area, as between 5 and 10% of homes are above the action level British Geological Survey, National Geoscience Information Service	A13SE (S)	0	5	307400 174075
	Radon Potential - R	adon Affected Areas				
	Affected Area: Source:	The property is in an intermediate probability radon area, as between 3 and 5% of homes are above the action level British Geological Survey, National Geoscience Information Service	A13NE (S)	0	5	307400 174136

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Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Rhondda Cynon Taff County Borough Council - Environmental Services Vale Of Glamorgan County Borough Council - Environmental Health Department Cardiff Council - Pollution Control Division	April 2014 April 2014 September 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - Welsh Region Natural Resources Wales	August 2014 January 2015	Quarterly Quarterly
Enforcement and Prohibition Notices Environment Agency - Welsh Region	March 2013	As notified
Integrated Pollution Controls Environment Agency - Welsh Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - Welsh Region Natural Resources Wales	January 2015 May 2015	Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Cardiff Council - Pollution Control Division Vale Of Glamorgan County Borough Council - Environmental Health Department Rhondda Cynon Taff County Borough Council - Public Health and Protection Division	January 2013 June 2014 September 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Controls Cardiff Council - Pollution Control Division Vale Of Glamorgan County Borough Council - Environmental Health Department Rhondda Cynon Taff County Borough Council - Public Health and Protection Division	January 2013 June 2014 September 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Cardiff Council - Pollution Control Division Vale Of Glamorgan County Borough Council - Environmental Health Department Rhondda Cynon Taff County Borough Council - Public Health and Protection Division	January 2013 June 2014 September 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	July 2012	Quarterly
Pollution Incidents to Controlled Waters Environment Agency - Welsh Region	December 1998	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - Welsh Region Natural Resources Wales	March 2013 March 2013	As notified As notified
Prosecutions Relating to Controlled Waters Environment Agency - Welsh Region Natural Resources Wales	March 2013 March 2013	As notified As notified
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
Substantiated Pollution Incident Register Environment Agency Wales - South East Area Natural Resources Wales	January 2015 March 2015	Quarterly Quarterly
Water Abstractions Environment Agency - Welsh Region Natural Resources Wales Natural Resources Wales	April 2015 January 2015 May 2015	Quarterly Quarterly Quarterly
Water Industry Act Referrals Environment Agency - Welsh Region Natural Resources Wales	January 2015 January 2015	Quarterly Quarterly

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Agency & Hydrological	Version	Update Cycle
Groundwater Vulnerability		
Environment Agency - Head Office	April 2015	Not Applicable
Drift Deposits		
Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations		
British Geological Survey - National Geoscience Information Service	October 2012	As notified
Superficial Aquifer Designations		
British Geological Survey - National Geoscience Information Service	January 2015	As notified
Source Protection Zones		
Environment Agency - Head Office	April 2015	Quarterly
Natural Resources Wales	May 2015	Quarterly
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	May 2015	Quarterly
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	May 2015	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	May 2015	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	May 2015	Quarterly
Flood Defences		
Environment Agency - Head Office	May 2015	Quarterly
Detailed River Network Lines		
Environment Agency - Head Office	March 2012	Annually
Detailed River Network Offline Drainage		
Environment Agency - Head Office	March 2012	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 Wales - South East Area	February 2015	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Welsh Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency Wales - South East Area	August 2014	Quarterly
Licensed Waste Management Facilities (Locations)		
Natural Resources Wales	April 2015	Quarterly
Environment Agency Wales - South East Area	August 2014	Quarterly
Local Authority Landfill Coverage		
Cardiff Council	May 2000	Not Applicable
Rhondda Cynon Taff County Borough Council	May 2000	Not Applicable
Vale Of Glamorgan County Borough Council	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
Cardiff Council	May 2000	Not Applicable
Rhondda Cynon Taff County Borough Council	May 2000	Not Applicable
Vale Of Glamorgan County Borough Council	May 2000	Not Applicable
Registered Landfill Sites		N . A . B . L .
Environment Agency Wales - South East Area	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency Wales - South East Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency Wales - South East Area	March 2003	Not Applicable
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	January 2015	Bi-Annually
Explosive Sites		
Health and Safety Executive	October 2014	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements		
Vale Of Glamorgan County Borough Council - Planning Department	October 2014	Annual Rolling Update
Cardiff Council - Regulatory Services	September 2014	Annual Rolling Update
Rhondda Cynon Taff County Borough Council - Planning Department	September 2014	Annual Rolling Update
Planning Hazardous Substance Consents		
Vale Of Glamorgan County Borough Council - Planning Department	October 2014	Annual Rolling Update
Cardiff Council - Regulatory Services	September 2014	Annual Rolling Update
Rhondda Cynon Taff County Borough Council - Planning Department	September 2014	Annual Rolling Update



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	January 2010	Annually
BGS Recorded Mineral Sites		
British Geological Survey - National Geoscience Information Service	May 2015	Bi-Annually
Coal Mining Affected Areas		
The Coal Authority - Mining Report Service	March 2014	As notified
Mining Instability		
Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain		
British Geological Survey - National Geoscience Information Service	July 2014	Not Applicable
Potential for Collapsible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Compressible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Ground Dissolution Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Landslide Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Running Sand Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	Annually
Radon Potential - Radon Affected Areas		
British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures		
British Geological Survey - National Geoscience Information Service	July 2011	As notified
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries		
Thomson Directories	May 2015	Quarterly
Fuel Station Entries		
Catalist Ltd - Experian	May 2015	Quarterly

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Sensitive Land Use	Version	Update Cycle
Areas of Adopted Green Belt		
Cardiff Council	May 2015	As notified
Areas of Unadopted Green Belt		
Cardiff Council	May 2015	As notified
Areas of Outstanding Natural Beauty		
Natural Resources Wales	February 2015	Bi-Annually
Environmentally Sensitive Areas		
The National Assembly for Wales - GI Services (Department of Planning & Countryside)	August 2008	Annually
Forest Parks		
Forestry Commission	April 1997	Not Applicable
Local Nature Reserves		
Cardiff Council	April 2015	Bi-Annually
Rhondda Cynon Taff County Borough Council	April 2015	Bi-Annually
Vale Of Glamorgan County Borough Council	April 2015	Bi-Annually
Marine Nature Reserves		
Natural Resources Wales	September 2014	Bi-Annually
National Nature Reserves		
Natural Resources Wales	October 2014	Bi-Annually
Nitrate Sensitive Areas		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2012	Not Applicable
Nitrate Vulnerable Zones		
The National Assembly for Wales - GI Services (Department of Planning & Countryside)	October 2005	Annually
Ramsar Sites		
Natural Resources Wales	October 2014	Bi-Annually
Sites of Special Scientific Interest		
Natural Resources Wales	April 2015	Bi-Annually
Special Areas of Conservation		
Natural Resources Wales	March 2014	Bi-Annually
Special Protection Areas		
Natural Resources Wales	April 2015	Bi-Annually





A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	Ordnance Survey°
Environment Agency	Environment Agency
Scottish Environment Protection Agency	SEP Scottish Environment Protection Agency
The Coal Authority	THE COAL AUTHORITY
British Geological Survey	British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Natural Resources Wales	Cyfoeth Naturiol Cymru Natural Resources Wales
Scottish Natural Heritage	SCOTTISH NATURAL HERITAGE 迎公介
Natural England	NATURAL ENGLAND
Public Health England	Public Health England
Ove Arup	ARUP
Peter Brett Associates	peterbrett



Useful Contacts

Contact	Name and Address	Contact Details
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3	Vale Of Glamorgan County Borough Council - Environmental Health Department	Telephone: 01446 700111 Fax: 01446 745566 Website: www.valeofglamorgan.gov.uk
	Civic Offices, Holton Road, Barry, CF63 4RU	
4	Environment Agency - National Customer Contact Centre (NCCC)	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
	PO Box 544, Templeborough, Rotherham, S60 1BY	
5	British Geological Survey - Enquiry Service British Geological Survey, Kingsley Dunham Centre, Keyworth,	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk
	Nottingham, Nottinghamshire, NG12 5GG	Website: www.bgs.ac.uk
6	Peter Brett Associates	Telephone: 0118 950 0761
	Caversham Bridge House, Waterman Place, Reading, Berkshire, RG1 8DN	Fax: 0118 959 7498 Email: reading@pba.co.uk Website: www.pba.co.uk
7	Vale Of Glamorgan County Borough Council	Telephone: 01446 700111
	Civic Offices, Holton Road, Barry, South Glamorgan, CF63 4RU	Fax: 01446 745566 Website: www.valeofglamorgan.gov.uk
-	Public Health England - Radon Survey, Centre for	Telephone: 01235 822622
	Radiation, Chemical and Environmental Hazards	Fax: 01235 833891 Email: radon@phe.gov.uk
	Chilton, Didcot, Oxfordshire, OX11 0RQ	Website: www.ukradon.org
-	Landmark Information Group Limited	Telephone: 0844 844 9952
	Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	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.