

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|---------------|
| 91     | <b>Historical Landfill Sites</b><br>Licence Holder: Wrexham Royal District Council<br>Location: Plas Madoc<br>Name: Woodward's Rock<br>Operator Location: Not Supplied<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD14266<br>First Input Date: 1st January 1968<br>Last Input Date: 31st December 1978<br>Specified Waste Type: Deposited Waste included Inert, Industrial, Commercial, Household and Special Waste, and Liquid Sludge<br>EA Waste Ref: 0<br>Regis Ref: Not Supplied<br>WRC Ref: 6955/0060<br>BGS Ref: Not Supplied<br>Other Ref: Not Supplied                                                                                                                      | A12SW (SW)                             | 706                          | 2       | 328509 343259 |
| 92     | <b>Historical Landfill Sites</b><br>Licence Holder: C A Hughes<br>Location: Tatham Road, Wrexham, Ruarbon<br>Name: Llŷs Offa<br>Operator Location: Not Supplied<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD14757<br>First Input Date: 2nd June 1983<br>Last Input Date: 2nd June 1984<br>Specified Waste Type: Deposited Waste included Industrial Waste<br>EA Waste Ref: 0<br>Regis Ref: Not Supplied<br>WRC Ref: 6955/0034<br>BGS Ref: Not Supplied<br>Other Ref: WMBC L/29                                                                                                                                                                                                     | A19SW (NE)                             | 830                          | 2       | 329820 344230 |
| 93     | <b>Historical Landfill Sites</b><br>Licence Holder: Northern Strip Mining<br>Location: Acrefair, Wrexham, Clwyd<br>Name: The Delph<br>Operator Location: Not Supplied<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD15133<br>First Input Date: 30th November 1981<br>Last Input Date: 31st December 1986<br>Specified Waste Type: Deposited Waste included Inert, Industrial, Household and Special Waste<br>EA Waste Ref: 0<br>Regis Ref: Not Supplied<br>WRC Ref: 6955/0054<br>BGS Ref: Not Supplied<br>Other Ref: WMBC L/32                                                                                                                                                       | A12NW (W)                              | 915                          | 2       | 328239 343722 |
| 94     | <b>Licensed Waste Management Facilities (Locations)</b><br>Licence Number: NP3095EW<br>Location: Plas Madoc Household Waste Recycling Centre, Wynnstay Industrial Estate, Acrefair, Wrexham, Clwyd, Wrexham, LL14 1TP<br>Operator Name: F C C Recycling ( U K ) Limited<br>Operator Location: Not Supplied<br>Authority: Natural Resources Wales<br>Site Category: Household Waste Amenity Sites<br><b>Licence Status: Effective</b><br>Issued: 23rd October 2007<br>Last Modified: Not Supplied<br>Expires: Not Supplied<br>Suspended: Not Supplied<br>Revoked: Not Supplied<br>Surrendered: Not Supplied<br>IPPC Reference: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A13SW (S)                              | 127                          | 2       | 329205 343361 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|---------------|
| 94     | <b>Licensed Waste Management Facilities (Locations)</b><br>Licence Number: 100081<br>Location: Plas Madoc H W R C, Wynnstay Industrial Estate, Acrefair, Wrexham, LL14 1TP<br>Operator Name: F C C Recycling ( U K ) Limited<br>Operator Location: Not Supplied<br>Authority: Natural Resources Wales<br>Site Category: Household Waste Amenity Sites<br><b>Licence Status: Modified</b><br>Issued: 23rd October 2007<br>Last Modified: 22nd November 2012<br>Expires: Not Supplied<br>Suspended: Not Supplied<br>Revoked: Not Supplied<br>Surrendered: Not Supplied<br>IPPC Reference: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A13SW (S)                              | 127                          | 2       | 329205 343361 |
| 94     | <b>Licensed Waste Management Facilities (Locations)</b><br>Licence Number: MP3394FY<br>Location: Wynnstay Banks Civic Amenity Site, Wynnstay Bank Ruabon, Wrexham, Clwyd, Wrexham, LL14 3ES<br>Operator Name: 3 C Waste Ltd<br>Operator Location: Not Supplied<br>Authority: Natural Resources Wales<br>Site Category: Household Waste Amenity Sites<br><b>Licence Status: Revoked</b><br>Issued: 1st October 1993<br>Last Modified: Not Supplied<br>Expires: Not Supplied<br>Suspended: Not Supplied<br>Revoked: 16th January 2015<br>Surrendered: Not Supplied<br>IPPC Reference: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m     | A13SW (S)                              | 131                          | 2       | 329206 343357 |
|        | <b>Local Authority Landfill Coverage</b><br>Name: Wrexham County Borough Council<br>- Has supplied landfill data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                        | 0                            | 6       | 329207 343563 |
| 95     | <b>Local Authority Recorded Landfill Sites</b><br>Location: Woodward's Park, Plas Madox, Wrexham<br>Reference: 6955/0060<br>Authority: Wrexham County Borough Council<br><b>Last Reported Status: Closed</b><br>Types of Waste: Not Supplied<br>Date of Closure: Not Supplied<br>Positional Accuracy: Positioned by the supplier<br>Boundary Quality: Good                                                                                                                                                                                                                                                                                                     | A12SW (SW)                             | 708                          | 6       | 328506 343264 |
| 96     | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: NW<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1995                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | A13NW (NW)                             | 0                            | 9       | 329207 343563 |
| 97     | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: S<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1995                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A13SW (S)                              | 218                          | 9       | 329141 343270 |
| 98     | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: NW<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1995                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | A18SW (NW)                             | 414                          | 9       | 328957 343989 |
| 99     | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: W<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1995                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A12NE (W)                              | 470                          | 9       | 328703 343771 |
| 100    | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: W<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1995                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A12NW (W)                              | 633                          | 9       | 328519 343686 |
| 101    | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: SW<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1995                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | A7NW (SW)                              | 740                          | 9       | 328519 343148 |

| Map ID | Details                                                                                                                                  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|------------------|
| 102    | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: SW<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1995 | A7NW (SW)                              | 752                          | 9       | 328474<br>343222 |
| 103    | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: NW<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1995 | A17SW (NW)                             | 769                          | 9       | 328470<br>343983 |
| 104    | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: N<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1995  | A18NE (N)                              | 773                          | 9       | 329431<br>344387 |
| 105    | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: W<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1995  | A12NW (W)                              | 811                          | 9       | 328339<br>343579 |
| 106    | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: NW<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1995 | A17NE (NW)                             | 839                          | 9       | 328816<br>344392 |
| 107    | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: SW<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1995 | A7NW (SW)                              | 870                          | 9       | 328362<br>343187 |
| 108    | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: W<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1995  | A12NW (W)                              | 911                          | 9       | 328241<br>343702 |
| 109    | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: W<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1995  | A12NW (W)                              | 933                          | 9       | 328235<br>343814 |
| 110    | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: SW<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1995 | A7NW (SW)                              | 934                          | 9       | 328429<br>342928 |
| 111    | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: W<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1995  | A12NW (W)                              | 950                          | 9       | 328199<br>343596 |
| 112    | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: W<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1995  | A12SW (W)                              | 962                          | 9       | 328202<br>343446 |
| 113    | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: N<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1995  | A23SE (N)                              | 981                          | 9       | 329463<br>344593 |
| 114    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1963   | A13NE (NE)                             | 296                          | 9       | 329403<br>343883 |
| 115    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1963   | A12SE (W)                              | 362                          | 9       | 328793<br>343552 |
| 116    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1963   | A12NE (W)                              | 396                          | 9       | 328756<br>343566 |
| 117    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1963   | A8NE (S)                               | 619                          | 9       | 329454<br>342919 |
| 118    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1879   | A14SE (E)                              | 703                          | 9       | 329970<br>343451 |
| 119    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1938   | A7SE (SW)                              | 847                          | 9       | 328636<br>342834 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|---------------|
| 120    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1963                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | A12SW (W)                              | 982                          | 9       | 328208 343325 |
| 121    | <b>Registered Landfill Sites</b><br>Licence Holder: C A Hughes<br>Licence Reference: L29<br>Site Location: Llys Offa, Ruabon, Wrexham, Clwyd<br>Licence Easting: 329820<br>Licence Northing: 344260<br>Operator Location: As Site Address<br>Authority: Environment Agency Wales, North Area<br>Site Category: Landfill<br>Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year)<br>Waste Source: No known restriction on source of waste<br>Restrictions:<br>Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled<br>Dated: 1st June 1980<br>Preceded By: Not Given<br>Licence:<br>Superseded By: Not Given<br>Licence:<br>Positional Accuracy: Manually positioned to the address or location<br>Boundary Accuracy: Not Applicable<br>Authorised Waste: Brick, Rubble (Demol'n Waste)<br>Topsoil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | A19NW (NE)                             | 852                          | 4       | 329820 344260 |
| 122    | <b>Registered Waste Transfer Sites</b><br>Licence Holder: Hlc Wrexham Ltd<br>Licence Reference: NOW-504-L (L72)<br>Site Location: Ruabon-Wynnstay Bank C.A.Site, Ruabon, Wrexham, Clwyd<br>Operator Location: 4 Churchill Court, 58 Station Road, North Harrow, Middlesex, Ha2 7sa<br>Authority: Environment Agency Wales, North Area<br>Site Category: Civic Amenity<br>Max Input Rate: Very Small (Less than 10,000 tonnes per year)<br>Waste Source: No known restriction on source of waste<br>Restrictions:<br>Licence Status: Operational as far as is knownOperational<br>Dated: 1st October 1992<br>Preceded By: Not Given<br>Licence:<br>Superseded By: Not Given<br>Licence:<br>Positional Accuracy: Manually positioned to the address or location<br>Boundary Quality: Not Supplied<br>Authorised Waste: Household & Commercial Waste<br>Max.Waste Permitted By Licence<br>Waste Lub'N Oil From Petrol/Diesel Eng<br>Prohibited Waste: Agricultural Wastes<br>Ammonia<br>Animal Carcasses, Offal<br>Cadmium Compounds<br>Carcinogenic/Mutagenic/Teratogenic Sub<br>Clinical - As In Control.Waste Regs'92<br>Cyanide Compounds<br>Drummed Waste<br>Fluorine Compounds<br>Industrial Wastes<br>Likely Danger Arise Combust'N/Fume/Gas<br>Liquid Waste N.O.S.<br>List I Substances In Eec Dir. 80/68<br>Mercury Compounds<br>Nitrate Compounds<br>Organohalogens<br>Organometallic Cpds<br>Organophosphorus Cmpds<br>Organosilicon Cpds<br>Organosulphur Cmpds<br>Pcbs/Pcts/Naphthalenes<br>Percussive/Explosive/Similar Waste<br>Poisonous, Noxious, Polluting Wastes<br>Pressurised/Liquified Gas<br>Spec.Waste (Epa'90:S62/1996 Regs)N.O.S<br>Special Forms Of Asbestos<br>Sub'S Control. Radioactive Subs Act'60<br>Sub'S Deleterious To Groundwater<br>Sub'S In E.P(Prosc.Proc/Subs) Regs '91<br>Sulphide Compounds<br>Waste N.O.S.<br>Waste With Viable Pathogenic Organisms | A13SE (S)                              | 151                          | 4       | 329260 343350 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                           | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|---------------|
|        | <b>BGS 1:625,000 Solid Geology</b><br>Description: Pennine Middle Coal Measures Formation And South Wales Middle Coal Measures Formation (Undifferentiated)                                                                                                                                                                                                       | A13NW (NW)                             | 0                            | 1       | 329207 343563 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic: <15 mg/kg<br>Concentration:<br>Cadmium: <1.8 mg/kg<br>Concentration:<br>Chromium: 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <100 mg/kg<br>Nickel: 15 - 30 mg/kg<br>Concentration:      | A13NW (NW)                             | 0                            | 1       | 329207 343563 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic: <15 mg/kg<br>Concentration:<br>Cadmium: <1.8 mg/kg<br>Concentration:<br>Chromium: 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: 100 - 200 mg/kg<br>Nickel: 15 - 30 mg/kg<br>Concentration: | A13SW (S)                              | 0                            | 1       | 329207 343500 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic: <15 mg/kg<br>Concentration:<br>Cadmium: <1.8 mg/kg<br>Concentration:<br>Chromium: 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <100 mg/kg<br>Nickel: <15 mg/kg<br>Concentration:          | A18SW (N)                              | 362                          | 1       | 329207 344000 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic: 15 - 25 mg/kg<br>Concentration:<br>Cadmium: <1.8 mg/kg<br>Concentration:<br>Chromium: 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <100 mg/kg<br>Nickel: 15 - 30 mg/kg<br>Concentration:  | A14SW (E)                              | 413                          | 1       | 329683 343555 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic: <15 mg/kg<br>Concentration:<br>Cadmium: <1.8 mg/kg<br>Concentration:<br>Chromium: 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <100 mg/kg<br>Nickel: <15 mg/kg<br>Concentration:          | A17SE (NW)                             | 576                          | 1       | 328714 344000 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic: <15 mg/kg<br>Concentration:<br>Cadmium: <1.8 mg/kg<br>Concentration:<br>Chromium: 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <100 mg/kg<br>Nickel: <15 mg/kg<br>Concentration:          | A19SW (NE)                             | 640                          | 1       | 329766 344000 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                       | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|---------------|
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <100 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration:  | A19SW (NE)                             | 688                          | 1       | 329769 344076 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <100 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration:      | A19SW (NE)                             | 736                          | 1       | 329859 344032 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 40 - 60 mg/kg<br>Concentration:<br>Lead Concentration: <100 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration:      | A19SW (NE)                             | 736                          | 1       | 329867 344019 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <100 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration:  | A18NE (N)                              | 789                          | 1       | 329281 344426 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 40 - 60 mg/kg<br>Concentration:<br>Lead Concentration: 100 - 200 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A8SE (S)                               | 871                          | 1       | 329325 344262 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <100 mg/kg<br>Nickel <15 mg/kg<br>Concentration:          | A19NW (N)                              | 876                          | 1       | 329565 344450 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|---------------|
| 123    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Wynnstay Colliery, No 3 Shaft<br>Location: Cefn-Mawr, Ruabon, Wrexham, Clwyd<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 98667<br>Type: Underground<br><b>Status: Ceased</b><br>Operator: Unknown Operator<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Pennine Coal Measures Group<br>Commodity: Coal - Deep<br>Positional Accuracy: Located by supplier to within 10m       | A13SE (SE)                             | 0                            | 1       | 329250 343515 |
| 124    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Wynnstay<br>Location: Cefn-Mawr, Ruabon, Wrexham, Clwyd<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 8521<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Unknown Operator<br>Operator Location: Not Supplied<br>Periodic Type: Westphalian B to C<br>Geology: Cefn Rock<br>Commodity: Sandstone<br>Positional Accuracy: Located by supplier to within 10m                                               | A13SE (E)                              | 157                          | 1       | 329420 343550 |
| 125    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Wynnstay Colliery, Nos 1 & 2 Shafts<br>Location: Cefn-Mawr, Ruabon, Wrexham, Clwyd<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 98666<br>Type: Underground<br><b>Status: Ceased</b><br>Operator: Unknown Operator<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Pennine Coal Measures Group<br>Commodity: Coal - Deep<br>Positional Accuracy: Located by supplier to within 10m | A13SE (SE)                             | 228                          | 1       | 329380 343310 |
| 126    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Plas Madoc Lodge<br>Location: Cefn-Mawr, Ruabon, Wrexham, Clwyd<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 98665<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Unknown Operator<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Cefn Rock<br>Commodity: Sandstone<br>Positional Accuracy: Located by supplier to within 10m                                           | A13SW (S)                              | 229                          | 1       | 329135 343260 |
| 127    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Plas-Yn-Wern Shaft<br>Location: Cefn-Mawr, Ruabon, Wrexham, Clwyd<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 98669<br>Type: Underground<br><b>Status: Ceased</b><br>Operator: Unknown Operator<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Pennine Coal Measures Group<br>Commodity: Coal - Deep<br>Positional Accuracy: Located by supplier to within 10m                  | A12NE (W)                              | 390                          | 1       | 328760 343655 |
| 128    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Plas Madoc Colliery<br>Location: Cefn-Mawr, Ruabon, Wrexham, Clwyd<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 98668<br>Type: Underground<br><b>Status: Ceased</b><br>Operator: Unknown Operator<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Pennine Coal Measures Group<br>Commodity: Coal - Deep<br>Positional Accuracy: Located by supplier to within 10m                 | A18SW (NW)                             | 500                          | 1       | 328950 344080 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|---------------|
| 129    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Plas-Yn-Wern Villa<br>Location: Ruabon, Wrexham, Denbighshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 185708<br>Type: Underground<br><b>Status: Ceased</b><br>Operator: Unknown Operator<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Cefn Rock<br>Commodity: Coal - Deep<br>Positional Accuracy: Located by supplier to within 10m                                                                                      | A12NW (W)                              | 640                          | 1       | 328512 343689 |
| 130    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Acrefair Quarries<br>Location: Cefn-Mawr, Ruabon, Wrexham, Clwyd<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 98664<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Unknown Operator<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Cefn Rock<br>Commodity: Sandstone<br>Positional Accuracy: Located by supplier to within 10m                                                                                         | A12SW (SW)                             | 734                          | 1       | 328490 343230 |
| 131    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Gardden Lodge<br>Location: Ruabon, Wrexham, Denbighshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 185648<br>Type: Underground<br><b>Status: Ceased</b><br>Operator: Unknown Operator<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Pennine Lower Coal Measures Formation And Pennine Middle Coal Measures Formation (Undifferentiated)<br>Commodity: Coal - Deep<br>Positional Accuracy: Located by supplier to within 10m | A18NE (N)                              | 790                          | 1       | 329217 344428 |
| 131    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Gardden Lodge<br>Location: Ruabon, Wrexham, Denbighshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 185649<br>Type: Underground<br><b>Status: Ceased</b><br>Operator: Unknown Operator<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Pennine Lower Coal Measures Formation And Pennine Middle Coal Measures Formation (Undifferentiated)<br>Commodity: Coal - Deep<br>Positional Accuracy: Located by supplier to within 10m | A18NE (N)                              | 802                          | 1       | 329229 344440 |
| 132    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Cheshire Farm<br>Location: Ruabon, Wrexham, Denbighshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 185707<br>Type: Underground<br><b>Status: Ceased</b><br>Operator: Unknown Operator<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Pennine Lower Coal Measures Formation And Pennine Middle Coal Measures Formation (Undifferentiated)<br>Commodity: Coal - Deep<br>Positional Accuracy: Located by supplier to within 10m | A12NW (W)                              | 807                          | 1       | 328342 343579 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|---------------|
| 133    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Gardden Lodge Quarries<br>Location: Tatham, Ruabon, Clwyd<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 9709<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Unknown Operator<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Cefn Rock<br>Commodity: Sandstone<br>Positional Accuracy: Located by supplier to within 10m                                                                                                       | A18NE (N)                              | 835                          | 1       | 329410 344455 |
| 134    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Acrefair Quarry<br>Location: Cefn-Mawr, Ruabon, Wrexham, Clwyd<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 9713<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Unknown Operator<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Cefn Rock<br>Commodity: Sandstone<br>Positional Accuracy: Located by supplier to within 10m                                                                                                  | A7NW (SW)                              | 853                          | 1       | 328410 343115 |
| 135    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Acrefair Quarries<br>Location: Cefn-Mawr, Ruabon, Wrexham, Clwyd<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 98663<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Unknown Operator<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Cefn Rock<br>Commodity: Sandstone<br>Positional Accuracy: Located by supplier to within 10m                                                                                               | A7NW (SW)                              | 875                          | 1       | 328355 343190 |
| 136    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Sycamore Cottages<br>Location: Ruabon, Wrexham, Denbighshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 185709<br>Type: Underground<br><b>Status: Ceased</b><br>Operator: Unknown Operator<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Pennine Lower Coal Measures Formation And Pennine Middle Coal Measures Formation (Undifferentiated)<br>Commodity: Coal - Deep<br>Positional Accuracy: Located by supplier to within 10m   | A17SW (NW)                             | 911                          | 1       | 328330 344021 |
| 137    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Cristionydd Cottage<br>Location: Ruabon, Wrexham, Denbighshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 185646<br>Type: Underground<br><b>Status: Ceased</b><br>Operator: Unknown Operator<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Pennine Lower Coal Measures Formation And Pennine Middle Coal Measures Formation (Undifferentiated)<br>Commodity: Coal - Deep<br>Positional Accuracy: Located by supplier to within 10m | A18NW (N)                              | 920                          | 1       | 328879 344501 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|---------------|
| 138    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Cristionydd Cottage<br>Location: Ruabon, Wrexham, Denbighshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 185645<br>Type: Underground<br><b>Status: Ceased</b><br>Operator: Unknown Operator<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Pennine Lower Coal Measures Formation And Pennine Middle Coal Measures Formation (Undifferentiated)<br>Commodity: Coal - Deep<br>Positional Accuracy: Located by supplier to within 10m | A17NE (NW)                             | 923                          | 1       | 328770 344463 |
| 139    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Blue Bell Inn<br>Location: Ruabon, Wrexham, Denbighshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 185677<br>Type: Underground<br><b>Status: Ceased</b><br>Operator: Unknown Operator<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Pennine Lower Coal Measures Formation And Pennine Middle Coal Measures Formation (Undifferentiated)<br>Commodity: Coal - Deep<br>Positional Accuracy: Located by supplier to within 10m       | A12NW (W)                              | 952                          | 1       | 328197 343596 |
| 140    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Tai Bithel<br>Location: Ruabon, Wrexham, Denbighshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 185647<br>Type: Underground<br><b>Status: Ceased</b><br>Operator: Unknown Operator<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Pennine Lower Coal Measures Formation And Pennine Middle Coal Measures Formation (Undifferentiated)<br>Commodity: Coal - Deep<br>Positional Accuracy: Located by supplier to within 10m          | A18NW (N)                              | 962                          | 1       | 328964 344565 |
| 141    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Hughes'S Row<br>Location: Ruabon, Wrexham, Denbighshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 185706<br>Type: Underground<br><b>Status: Ceased</b><br>Operator: Unknown Operator<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Pennine Lower Coal Measures Formation And Pennine Middle Coal Measures Formation (Undifferentiated)<br>Commodity: Coal - Deep<br>Positional Accuracy: Located by supplier to within 10m        | A12SW (W)                              | 962                          | 1       | 328203 343444 |
| 142    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Deplh House<br>Location: Ruabon, Wrexham, Denbighshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 185676<br>Type: Underground<br><b>Status: Ceased</b><br>Operator: Unknown Operator<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Pennine Lower Coal Measures Formation And Pennine Middle Coal Measures Formation (Undifferentiated)<br>Commodity: Coal - Deep<br>Positional Accuracy: Located by supplier to within 10m         | A11NE (W)                              | 965                          | 1       | 328186 343697 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|------------------|
| 143    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Sycamore Cottages<br>Location: Ruabon, Wrexham, Denbighshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 185667<br>Type: Underground<br><b>Status: Ceased</b><br>Operator: Unknown Operator<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Pennine Lower Coal Measures Formation And Pennine Middle Coal Measures Formation (Undifferentiated)<br>Commodity: Coal - Deep<br>Positional Accuracy: Located by supplier to within 10m | A17SW (NW)                             | 981                          | 1       | 328318<br>344144 |
| 144    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Gardden Lodge Quarries<br>Location: Tatham, Ruabon, Clwyd<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 7650<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Unknown Operator<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Cefn Rock<br>Commodity: Sandstone<br>Positional Accuracy: Located by supplier to within 10m                                                                                                     | A23SE (N)                              | 990                          | 1       | 329470<br>344600 |
| 145    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Delph House<br>Location: Ruabon, Wrexham, Denbighshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 185710<br>Type: Underground<br><b>Status: Ceased</b><br>Operator: Unknown Operator<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Pennine Lower Coal Measures Formation And Pennine Middle Coal Measures Formation (Undifferentiated)<br>Commodity: Coal - Deep<br>Positional Accuracy: Located by supplier to within 10m       | A17SW (W)                              | 997                          | 1       | 328198<br>343924 |
|        | <b>BGS Measured Urban Soil Chemistry</b><br>No data available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                        |                              |         |                  |
|        | <b>BGS Urban Soil Chemistry Averages</b><br>No data available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                        |                              |         |                  |
|        | <b>Coal Mining Affected Areas</b><br>Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.                                                                                                                                                                                                                                                                                           | A13NW (NW)                             | 0                            | 7       | 329207<br>343563 |
|        | <b>Mining Instability</b><br>Mining Evidence: Inconclusive Coal Mining<br>Source: Ove Arup & Partners<br>Boundary Quality: As Supplied                                                                                                                                                                                                                                                                                                                                                                                                                             | A13NW (NW)                             | 0                            | -       | 329207<br>343563 |
|        | <b>Non Coal Mining Areas of Great Britain</b><br>Risk: Highly Unlikely<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                                                                                                                                                                                                                                               | A13NW (NW)                             | 0                            | 1       | 329207<br>343563 |
|        | <b>Potential for Collapsible Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                                                                                                                                                                                                                              | A13NW (NW)                             | 0                            | 1       | 329207<br>343563 |
|        | <b>Potential for Compressible Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                                                                                                                                                                                                                            | A13NW (NW)                             | 0                            | 1       | 329207<br>343563 |
|        | <b>Potential for Ground Dissolution Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                                                                                                                                                                                                                             | A13NW (NW)                             | 0                            | 1       | 329207<br>343563 |
|        | <b>Potential for Landslide Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                                                                                                                                                                                                                                | A13NW (NW)                             | 0                            | 1       | 329207<br>343563 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                                                                                                                                                                                                                             | A13NW (NW)                             | 0                            | 1       | 329207<br>343563 |

| Map ID | Details                                                                                                                                                                                                                                                                   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|---------------|
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                   | A13SE (SE)                             | 114                          | 1       | 329366 343449 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                   | A13SW (S)                              | 231                          | 1       | 329167 343254 |
|        | <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service                                                                                      | A13NW (NW)                             | 0                            | 1       | 329207 343563 |
|        | <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service                                                                                     | A13SE (SE)                             | 114                          | 1       | 329366 343449 |
|        | <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service                                                                                     | A13SW (S)                              | 231                          | 1       | 329167 343254 |
|        | <b>Radon Potential - Radon Affected Areas</b><br>Affected Area: The property is an Intermediate probability radon area (3 to 5% of homes are estimated to be at or above the Action Level).<br>Source: British Geological Survey, National Geoscience Information Service | A13NW (NW)                             | 0                            | 1       | 329207 343563 |
|        | <b>Radon Potential - Radon Protection Measures</b><br>Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions<br>Source: British Geological Survey, National Geoscience Information Service                  | A13NW (NW)                             | 0                            | 1       | 329207 343563 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                      | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|------------------|
| 146    | <b>Contemporary Trade Directory Entries</b><br>Name: Rba Plastics<br>Location: Wynnstey Technology Pk, Ruabon, Wrexham, Clwyd, LL14 6EN<br>Classification: Plastics - Injection Moulding<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned within the geographical locality                                             | A13SE (SE)                             | 0                            | -       | 329253<br>343517 |
| 147    | <b>Contemporary Trade Directory Entries</b><br>Name: Rba Plastics<br>Location: Wynnstey Technology Pk, Ruabon, Wrexham, Clwyd, LL14 6EN<br>Classification: Plastics - Injection Moulding<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned within the geographical locality                                             | A13SE (E)                              | 19                           | -       | 329280<br>343542 |
| 147    | <b>Contemporary Trade Directory Entries</b><br>Name: Rolinx Performance Coatings Ltd<br>Location: Wynnstey Technology Park, Ruabon, Wrexham, Clwyd, LL14 6EN<br>Classification: Plastics - Injection Moulding<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                              | A13SE (E)                              | 61                           | -       | 329320<br>343558 |
| 148    | <b>Contemporary Trade Directory Entries</b><br>Name: Wrexham Mineral Cables<br>Location: Wynnstey Technology Park, Ruabon, Wrexham, Clwyd, LL14 6EN<br>Classification: Cable & Wire Equipment Manufacturers<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                         | A13SE (S)                              | 63                           | -       | 329235<br>343435 |
| 149    | <b>Contemporary Trade Directory Entries</b><br>Name: Clwyd Caravan & Leisure Ltd<br>Location: The Green, Wynnstey Yard, Ruabon, Wrexham, Clwyd, LL14 6DP<br>Classification: Caravan Dealers & Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned within the geographical locality                          | A13SE (SE)                             | 261                          | -       | 329336<br>343257 |
| 150    | <b>Contemporary Trade Directory Entries</b><br>Name: Gleaming Gems<br>Location: 30, Whalleys Way, Acrefair, Wrexham, Clwyd, LL14 3UH<br>Classification: Cleaning Services - Domestic<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                              | A12SE (W)                              | 602                          | -       | 328594<br>343341 |
| 151    | <b>Contemporary Trade Directory Entries</b><br>Name: J C B Commercial & Industrial Cleaning Contractors<br>Location: Maple Dr, Acrefair, Wrexham, Clwyd, LL14 3LB<br>Classification: Carpet, Curtain & Upholstery Cleaners<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the road within the address or location | A12SW (W)                              | 713                          | -       | 328480<br>343344 |
| 152    | <b>Contemporary Trade Directory Entries</b><br>Name: Hollander Hymes<br>Location: Wynnstey Home Farmhouse, Park Road, Rhosymedre, Wrexham, Clwyd, LL14 3EH<br>Classification: Leather Merchants & Wholesalers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                     | A8SE (S)                               | 750                          | -       | 329480<br>342790 |
| 153    | <b>Contemporary Trade Directory Entries</b><br>Name: Sita Wastecare Ltd<br>Location: Plas Bennion Rd, Penycae, Wrexham, Clwyd, LL14 1TP<br>Classification: Waste Disposal Services<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the road within the address or location                                         | A17NE (NW)                             | 809                          | -       | 328786<br>344344 |
| 154    | <b>Contemporary Trade Directory Entries</b><br>Name: Pbm<br>Location: 15, Spinney Walk, Ruabon, Wrexham, Clwyd, LL14 6TE<br>Classification: Road Haulage Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                                                 | A14SE (E)                              | 824                          | -       | 330092<br>343561 |
| 155    | <b>Contemporary Trade Directory Entries</b><br>Name: Mobile Mechanical Services<br>Location: 6, Lancaster Terrace, Acrefair, Wrexham, Clwyd, LL14 3HP<br>Classification: Garage Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                          | A12SW (W)                              | 899                          | -       | 328298<br>343305 |

| Map ID | Details                                                                                                                                                                                                                                                                                                  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|---------------|
| 156    | <b>Contemporary Trade Directory Entries</b><br>Name: McGuinness Forwarding Ltd<br>Location: Brookside, Brook Street, Rhosymedre, Wrexham, Clwyd, LL14 3EE<br>Classification: Freight Forwarders<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address                      | A7SE (SW)                              | 934                          | -       | 328654 342712 |
| 156    | <b>Contemporary Trade Directory Entries</b><br>Name: Guinness Frieght Ltd<br>Location: Brookside, Brook Street, Rhosymedre, Wrexham, Clwyd, LL14 3EE<br>Classification: Road Haulage Services<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address                        | A7SE (SW)                              | 934                          | -       | 328654 342712 |
| 157    | <b>Contemporary Trade Directory Entries</b><br>Name: A & C Precision Engineers<br>Location: Plas Bennion Rd, Penycae, Wrexham, Clwyd, LL14 1TP<br>Classification: Precision Engineers<br>Status: Inactive<br>Positional Accuracy: Manually positioned to the road within the address or location         | A18NW (N)                              | 971                          | -       | 328950 344571 |
| 158    | <b>Fuel Station Entries</b><br>Name: Ruabon Park Service Station<br>Location: James Park Way B5605, Ruabon, Wrexham, Wrexham, LL14 6TA<br>Brand: Shell<br>Premises Type: Petrol Station<br>Status: Open<br>Positional Accuracy: Manually positioned within the geographical locality                     | A14SE (E)                              | 638                          | -       | 329907 343499 |
| 159    | <b>Points of Interest - Commercial Services</b><br>Name: Ruabon Park Service Station<br>Location: James Park Way, B5605, Ruabon, Wrexham, LL14 6TA<br>Category: Personal, Consumer and other Services<br>Class Code: Vehicle Cleaning Services<br>Positional Accuracy: Positioned to address or location | A14SE (E)                              | 659                          | 8       | 329916 343385 |
| 160    | <b>Points of Interest - Commercial Services</b><br>Name: McGuinness Forwarding Ltd<br>Location: Brookside, Brook Street, Rhosymedre, Wrexham, LL14 3EE<br>Category: Transport, Storage and Delivery<br>Class Code: Distribution and Haulage<br>Positional Accuracy: Positioned to address or location    | A7SE (SW)                              | 934                          | 8       | 328654 342712 |
| 160    | <b>Points of Interest - Commercial Services</b><br>Name: Guinness Frieght Ltd<br>Location: Brookside, Brook Street, Rhosymedre, Wrexham, LL14 3EE<br>Category: Transport, Storage and Delivery<br>Class Code: Distribution and Haulage<br>Positional Accuracy: Positioned to address or location         | A7SE (SW)                              | 934                          | 8       | 328654 342712 |
| 160    | <b>Points of Interest - Commercial Services</b><br>Name: McGuinness Forwarding Ltd<br>Location: Brookside, Brook Street, Rhosymedre, Wrexham, LL14 3EE<br>Category: Transport, Storage and Delivery<br>Class Code: Distribution and Haulage<br>Positional Accuracy: Positioned to address or location    | A7SE (SW)                              | 935                          | 8       | 328653 342712 |
| 161    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Technology Park<br>Location: LL14<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to an adjacent address or location                                          | A13SE (S)                              | 0                            | 8       | 329213 343520 |
| 162    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Power Station<br>Location: LL14<br>Category: Industrial Features<br>Class Code: Energy Production<br>Positional Accuracy: Positioned to an adjacent address or location                                                                | A13NW (NW)                             | 130                          | 8       | 329124 343749 |
| 163    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Shaft (Disused)<br>Location: LL14<br>Category: Extractive Industries<br>Class Code: Unspecified Quarries Or Mines<br>Positional Accuracy: Positioned to an adjacent address or location                                                | A12NE (W)                              | 396                          | 8       | 328761 343705 |
| 163    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Shaft (Disused)<br>Location: LL14<br>Category: Extractive Industries<br>Class Code: Unspecified Quarries Or Mines<br>Positional Accuracy: Positioned to an adjacent address or location                                                | A12NE (W)                              | 397                          | 8       | 328760 343706 |

| Map ID | Details                                                                                                                                                                                                                                                                                                  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|---------------|
| 164    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Penycae Solar Farm - Solar Photovoltaics (DECC)<br>Location: Benn, The Grange Plas, Penycae, Wrexham, LL14<br>Category: Industrial Features<br>Class Code: Energy Production<br>Positional Accuracy: Positioned to address or location | A17SE (NW)                             | 443                          | 8       | 328817 343915 |
| 165    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Shaft (Disused)<br>Location: LL14<br>Category: Extractive Industries<br>Class Code: Unspecified Quarries Or Mines<br>Positional Accuracy: Positioned to address or location                                                            | A18SW (NW)                             | 508                          | 8       | 328951 344089 |
| 165    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Shaft (Disused)<br>Location: LL14<br>Category: Extractive Industries<br>Class Code: Unspecified Quarries Or Mines<br>Positional Accuracy: Positioned to an adjacent address or location                                                | A18SW (NW)                             | 514                          | 8       | 328938 344090 |
| 166    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Solar Farm<br>Location: LL14<br>Category: Industrial Features<br>Class Code: Energy Production<br>Positional Accuracy: Positioned to an adjacent address or location                                                                   | A18SW (N)                              | 539                          | 8       | 329102 344161 |
| 167    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Shaft (Disused)<br>Location: LL14<br>Category: Extractive Industries<br>Class Code: Unspecified Quarries Or Mines<br>Positional Accuracy: Positioned to address or location                                                            | A18NE (N)                              | 794                          | 8       | 329217 344432 |
| 167    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Shaft (Disused)<br>Location: LL14<br>Category: Extractive Industries<br>Class Code: Unspecified Quarries Or Mines<br>Positional Accuracy: Positioned to address or location                                                            | A18NE (N)                              | 803                          | 8       | 329226 344441 |
| 167    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Shafts (Disused)<br>Location: LL14<br>Category: Extractive Industries<br>Class Code: Unspecified Quarries Or Mines<br>Positional Accuracy: Positioned to an adjacent address or location                                               | A18NE (N)                              | 804                          | 8       | 329212 344441 |
| 168    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Works (Disused)<br>Location: Not Supplied<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location                                         | A17SW (NW)                             | 838                          | 8       | 328467 344109 |
| 168    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Works<br>Location: LL14<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location                                                           | A17SW (NW)                             | 839                          | 8       | 328468 344113 |
| 169    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Shaft (Disused)<br>Location: LL14<br>Category: Extractive Industries<br>Class Code: Unspecified Quarries Or Mines<br>Positional Accuracy: Positioned to address or location                                                            | A18NW (N)                              | 924                          | 8       | 328881 344505 |
| 169    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Shaft (Disused)<br>Location: LL14<br>Category: Extractive Industries<br>Class Code: Unspecified Quarries Or Mines<br>Positional Accuracy: Positioned to an adjacent address or location                                                | A18NW (N)                              | 930                          | 8       | 328872 344509 |
| 170    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Shaft (Disused)<br>Location: LL14<br>Category: Extractive Industries<br>Class Code: Unspecified Quarries Or Mines<br>Positional Accuracy: Positioned to address or location                                                            | A17NE (NW)                             | 927                          | 8       | 328769 344467 |

| Map ID | Details                                                                                                                                                                                                                                                                                                    | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|------------------|
| 170    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Shaft (Disused)<br>Location: LL14<br>Category: Extractive Industries<br>Class Code: Unspecified Quarries Or Mines<br>Positional Accuracy: Positioned to an adjacent address or location                                                  | A17NE (NW)                             | 934                          | 8       | 328755<br>344468 |
| 171    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Shaft (Disused)<br>Location: LL14<br>Category: Extractive Industries<br>Class Code: Unspecified Quarries Or Mines<br>Positional Accuracy: Positioned to an adjacent address or location                                                  | A18NW (N)                              | 967                          | 8       | 328964<br>344570 |
| 171    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Shaft (Disused)<br>Location: LL14<br>Category: Extractive Industries<br>Class Code: Unspecified Quarries Or Mines<br>Positional Accuracy: Positioned to address or location                                                              | A18NW (N)                              | 967                          | 8       | 328958<br>344569 |
| 172    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Shaft (Disused)<br>Location: LL14<br>Category: Extractive Industries<br>Class Code: Unspecified Quarries Or Mines<br>Positional Accuracy: Positioned to an adjacent address or location                                                  | A17SW (NW)                             | 977                          | 8       | 328320<br>344140 |
| 172    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Shaft (Disused)<br>Location: LL14<br>Category: Extractive Industries<br>Class Code: Unspecified Quarries Or Mines<br>Positional Accuracy: Positioned to address or location                                                              | A17SW (NW)                             | 983                          | 8       | 328317<br>344146 |
| 173    | <b>Points of Interest - Public Infrastructure</b><br>Name: Civic Amenity Site<br>Location: LL14<br>Category: Infrastructure and Facilities<br>Class Code: Refuse Disposal Facilities<br>Positional Accuracy: Positioned to an adjacent address or location                                                 | A13SE (S)                              | 148                          | 8       | 329258<br>343353 |
| 173    | <b>Points of Interest - Public Infrastructure</b><br>Name: Civic Amenity<br>Location: LL14<br>Category: Infrastructure and Facilities<br>Class Code: Refuse Disposal Facilities<br>Positional Accuracy: Positioned to an adjacent address or location                                                      | A13SE (S)                              | 153                          | 8       | 329247<br>343345 |
| 174    | <b>Points of Interest - Public Infrastructure</b><br>Name: Ruabon Rail Station<br>Location: Station Road (Ffordd Yr Orsaf), LL14<br>Category: Public Transport, Stations and Infrastructure<br>Class Code: Railway Stations, Junctions and Halts<br>Positional Accuracy: Positioned to address or location | A14NE (E)                              | 844                          | 8       | 330062<br>343820 |
| 174    | <b>Points of Interest - Public Infrastructure</b><br>Name: Ruabon Station<br>Location: Station Road (Ffordd Yr Orsaf), LL14<br>Category: Public Transport, Stations and Infrastructure<br>Class Code: Railway Stations, Junctions and Halts<br>Positional Accuracy: Positioned to address or location      | A14NE (E)                              | 844                          | 8       | 330062<br>343820 |
| 175    | <b>Points of Interest - Public Infrastructure</b><br>Name: Weir<br>Location: LL14<br>Category: Water<br>Class Code: Weirs, Sluices and Dams<br>Positional Accuracy: Positioned to an adjacent address or location                                                                                          | A19NW (NE)                             | 886                          | 8       | 329687<br>344402 |
| 175    | <b>Points of Interest - Public Infrastructure</b><br>Name: Weir<br>Location: LL14<br>Category: Water<br>Class Code: Weirs, Sluices and Dams<br>Positional Accuracy: Positioned to an adjacent address or location                                                                                          | A19NW (NE)                             | 886                          | 8       | 329687<br>344402 |
| 176    | <b>Points of Interest - Public Infrastructure</b><br>Name: Cemetery<br>Location: LL14<br>Category: Infrastructure and Facilities<br>Class Code: Cemeteries and Crematoria<br>Positional Accuracy: Positioned to an adjacent address or location                                                            | A19SE (NE)                             | 979                          | 8       | 330110<br>344081 |

| Map ID | Details                                                                                                                                                                                                                                                 | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|------------------|
| 176    | <b>Points of Interest - Public Infrastructure</b><br>Name: Cemetery<br>Location: LL14<br>Category: Infrastructure and Facilities<br>Class Code: Cemeteries and Crematoria<br>Positional Accuracy: Positioned to an adjacent address or location         | A19SE (NE)                             | 982                          | 8       | 330154<br>343990 |
| 176    | <b>Points of Interest - Public Infrastructure</b><br>Name: Cemetery<br>Location: Not Supplied<br>Category: Infrastructure and Facilities<br>Class Code: Cemeteries and Crematoria<br>Positional Accuracy: Positioned to an adjacent address or location | A19SE (NE)                             | 994                          | 8       | 330126<br>344083 |
| 177    | <b>Points of Interest - Public Infrastructure</b><br>Name: Garden of Rest<br>Location: LL14<br>Category: Infrastructure and Facilities<br>Class Code: Cemeteries and Crematoria<br>Positional Accuracy: Positioned to an adjacent address or location   | A14NE (E)                              | 993                          | 8       | 330201<br>343876 |
| 178    | <b>Points of Interest - Recreational and Environmental</b><br>Name: Play Area<br>Location: Not Supplied<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location                      | A13SW (SW)                             | 166                          | 8       | 329010<br>343481 |
| 178    | <b>Points of Interest - Recreational and Environmental</b><br>Name: Play Area<br>Location: LL14<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location                              | A13NW (W)                              | 172                          | 8       | 328985<br>343564 |
| 178    | <b>Points of Interest - Recreational and Environmental</b><br>Name: Play Area<br>Location: Not Supplied<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location                      | A13NW (W)                              | 173                          | 8       | 328984<br>343562 |
| 179    | <b>Points of Interest - Recreational and Environmental</b><br>Name: Play Area<br>Location: LL14<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location                              | A13SW (SW)                             | 218                          | 8       | 329078<br>343291 |
| 179    | <b>Points of Interest - Recreational and Environmental</b><br>Name: Play Area<br>Location: Not Supplied<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location                      | A13SW (SW)                             | 220                          | 8       | 329079<br>343289 |
| 180    | <b>Points of Interest - Recreational and Environmental</b><br>Name: Play Area<br>Location: LL14<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location                              | A12SE (SW)                             | 431                          | 8       | 328828<br>343234 |
| 180    | <b>Points of Interest - Recreational and Environmental</b><br>Name: Play Area<br>Location: Not Supplied<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location                      | A12SE (SW)                             | 432                          | 8       | 328828<br>343232 |
| 181    | <b>Points of Interest - Recreational and Environmental</b><br>Name: Play Area<br>Location: Not Supplied<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location                      | A12SE (SW)                             | 511                          | 8       | 328695<br>343320 |
| 182    | <b>Points of Interest - Recreational and Environmental</b><br>Name: Playground<br>Location: Not Supplied<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location                     | A14NW (E)                              | 512                          | 8       | 329748<br>343704 |

| Map ID | Details                                                                                                                                                                                                                                              | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|------------------|
| 182    | <b>Points of Interest - Recreational and Environmental</b><br>Name: Playground<br>Location: Pont Adam Crescent, LL14<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location      | A14NW (E)                              | 513                          | 8       | 329750<br>343703 |
| 183    | <b>Points of Interest - Recreational and Environmental</b><br>Name: Playground<br>Location: Llangollen Road (Ffordd Llangollen), LL14<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to address or location | A14NW (E)                              | 553                          | 8       | 329811<br>343620 |
| 184    | <b>Points of Interest - Recreational and Environmental</b><br>Name: Play Area<br>Location: LL14<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location                           | A12SW (SW)                             | 738                          | 8       | 328477<br>343256 |
| 184    | <b>Points of Interest - Recreational and Environmental</b><br>Name: Play Area<br>Location: Not Supplied<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location                   | A12SW (SW)                             | 739                          | 8       | 328476<br>343255 |
| 185    | <b>Points of Interest - Recreational and Environmental</b><br>Name: Play Area<br>Location: LL14<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location                           | A12SW (W)                              | 929                          | 8       | 328286<br>343228 |
| 185    | <b>Points of Interest - Recreational and Environmental</b><br>Name: Play Area<br>Location: Not Supplied<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location                   | A12SW (W)                              | 929                          | 8       | 328286<br>343226 |
| 186    | <b>Points of Interest - Recreational and Environmental</b><br>Name: Play Area<br>Location: LL14<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location                           | A7SW (SW)                              | 946                          | 8       | 328519<br>342806 |

| Map ID | Details                                                                                                                                                                                               | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|------------------|
| 187    | <b>Ancient Woodland</b><br>Name: Not Supplied<br>Reference: 34276<br>Area(m²): 5671.41<br>Type: Ancient and Semi-Natural Woodland                                                                     | A13SE (SE)                             | 261                          | 2       | 329506<br>343400 |
| 188    | <b>Ancient Woodland</b><br>Name: Not Supplied<br>Reference: 34258<br>Area(m²): 5440.06<br>Type: Ancient and Semi-Natural Woodland                                                                     | A8NW (S)                               | 279                          | 2       | 329188<br>343206 |
| 189    | <b>Ancient Woodland</b><br>Name: Not Supplied<br>Reference: 34277<br>Area(m²): 5006.35<br>Type: Ancient and Semi-Natural Woodland                                                                     | A14SW (E)                              | 317                          | 2       | 329581<br>343457 |
| 190    | <b>Ancient Woodland</b><br>Name: Not Supplied<br>Reference: 29318<br>Area(m²): 14601.94<br>Type: Ancient and Semi-Natural Woodland                                                                    | A8NW (S)                               | 367                          | 2       | 329094<br>343128 |
| 191    | <b>Ancient Woodland</b><br>Name: Not Supplied<br>Reference: 34257<br>Area(m²): 10186.69<br>Type: Ancient and Semi-Natural Woodland                                                                    | A8NE (S)                               | 440                          | 2       | 329365<br>343080 |
| 192    | <b>Ancient Woodland</b><br>Name: Not Supplied<br>Reference: 31868<br>Area(m²): 5891.96<br>Type: Ancient and Semi-Natural Woodland                                                                     | A14NW (E)                              | 467                          | 2       | 329732<br>343574 |
| 193    | <b>Ancient Woodland</b><br>Name: Not Supplied<br>Reference: 37527<br>Area(m²): 4852.82<br>Type: Restored Ancient Woodland Site                                                                        | A8SE (S)                               | 698                          | 2       | 329436<br>342831 |
| 194    | <b>Ancient Woodland</b><br>Name: Not Supplied<br>Reference: 37528<br>Area(m²): 1045.52<br>Type: Restored Ancient Woodland Site                                                                        | A7SE (SW)                              | 700                          | 2       | 328855<br>342864 |
| 195    | <b>Ancient Woodland</b><br>Name: Not Supplied<br>Reference: 31113<br>Area(m²): 650758.92<br>Type: Restored Ancient Woodland Site                                                                      | A7SE (SW)                              | 702                          | 2       | 328857<br>342861 |
| 196    | <b>Ancient Woodland</b><br>Name: Not Supplied<br>Reference: 31870<br>Area(m²): 45784.57<br>Type: Ancient and Semi-Natural Woodland                                                                    | A18NE (N)                              | 751                          | 2       | 329336<br>344383 |
| 197    | <b>Ancient Woodland</b><br>Name: Not Supplied<br>Reference: 36786<br>Area(m²): 1485.65<br>Type: Restored Ancient Woodland Site                                                                        | A15SW (E)                              | 977                          | 2       | 330246<br>343531 |
| 198    | <b>Ancient Woodland</b><br>Name: Not Supplied<br>Reference: 29690<br>Area(m²): 10433.36<br>Type: Restored Ancient Woodland Site                                                                       | A15SW (E)                              | 977                          | 2       | 330246<br>343532 |
| 199    | <b>World Heritage Sites</b><br>Name: Pontcysyllte Aqueduct and Canal<br>Reference: 0<br>Area(m²): 42638390.693<br>Source: Welsh Historic Environment Service (Cadw)<br>Designation Date: Not Supplied | A7NE (SW)                              | 753                          | 9       | 328628<br>342972 |

| Map ID | Details                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|------------------|
| 200    | <b>World Heritage Sites</b><br>Name: Pontcysyllte Aqueduct and Canal<br>Reference: 1000106<br>Area(m <sup>2</sup> ): 41605520.08<br>Source: Historic England<br>Designation Date: 1st January 2009 | A7NE (SW)                              | 753                          | 10      | 328628<br>342972 |

| Agency & Hydrological                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Version                                                                                    | Update Cycle                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| <b>Contaminated Land Register Entries and Notices</b><br>Wrexham County Borough Council - Public Protection Department<br>Oswestry Borough Council (now part of Shropshire Council) - Environmental Health Department<br>Denbighshire County Council - Public Protection Department<br>Natural Resources Wales<br>Shropshire Council - Environmental Health Department<br>North Shropshire District Council (now part of Shropshire Council) - Environmental Health Department | April 2016<br>December 2008<br><br>January 2015<br>June 2020<br>March 2015<br>October 2008 | Annually<br>Not Applicable<br><br>Annual Rolling Update<br>Annually<br>Annually<br>Not Applicable  |
| <b>Discharge Consents</b><br>Natural Resources Wales<br>Environment Agency - Welsh Region                                                                                                                                                                                                                                                                                                                                                                                      | April 2020<br>August 2014                                                                  | Quarterly<br>Quarterly                                                                             |
| <b>Enforcement and Prohibition Notices</b><br>Environment Agency - Midlands Region<br>Environment Agency - Welsh Region                                                                                                                                                                                                                                                                                                                                                        | March 2013<br>March 2013                                                                   | Annual Rolling Update<br>Annual Rolling Update                                                     |
| <b>Integrated Pollution Controls</b><br>Environment Agency - Midlands Region<br>Environment Agency - Welsh Region                                                                                                                                                                                                                                                                                                                                                              | October 2008<br>October 2008                                                               | Variable<br>Variable                                                                               |
| <b>Integrated Pollution Prevention And Control</b><br>Natural Resources Wales<br>Environment Agency - Midlands Region<br>Environment Agency - Welsh Region                                                                                                                                                                                                                                                                                                                     | April 2020<br>July 2020<br>July 2020                                                       | Quarterly<br>Quarterly<br>Quarterly                                                                |
| <b>Local Authority Integrated Pollution Prevention And Control</b><br>Wrexham County Borough Council - Environmental Health Department<br>North Shropshire District Council (now part of Shropshire Council) - Environmental Health Department<br>Denbighshire County Council - Environmental Health Department<br>Shropshire Council - Environmental Health Department<br>Oswestry Borough Council (now part of Shropshire Council) - Environmental Health Department         | April 2014<br>June 2008<br><br>March 2013<br>October 2014<br>September 2008                | Variable<br>Not Applicable<br><br>Variable<br>Variable<br>Not Applicable                           |
| <b>Local Authority Pollution Prevention and Controls</b><br>Wrexham County Borough Council - Environmental Health Department<br>Denbighshire County Council - Environmental Health Department<br>North Shropshire District Council (now part of Shropshire Council) - Environmental Health Department<br>Shropshire Council - Environmental Health Department<br>Oswestry Borough Council (now part of Shropshire Council) - Environmental Health Department                   | April 2014<br>December 2014<br>June 2008<br><br>October 2014<br>September 2008             | Annual Rolling Update<br>Annual Rolling Update<br>Not Applicable<br><br>Annually<br>Not Applicable |
| <b>Local Authority Pollution Prevention and Control Enforcements</b><br>Wrexham County Borough Council - Environmental Health Department<br>Denbighshire County Council - Environmental Health Department<br>North Shropshire District Council (now part of Shropshire Council) - Environmental Health Department<br>Shropshire Council - Environmental Health Department<br>Oswestry Borough Council (now part of Shropshire Council) - Environmental Health Department       | April 2014<br>December 2014<br>June 2008<br><br>October 2014<br>September 2008             | Variable<br>Variable<br>Not Applicable<br><br>Variable<br>Not Applicable                           |
| <b>Nearest Surface Water Feature</b><br>Ordnance Survey                                                                                                                                                                                                                                                                                                                                                                                                                        | June 2020                                                                                  |                                                                                                    |
| <b>Pollution Incidents to Controlled Waters</b><br>Environment Agency - Welsh Region                                                                                                                                                                                                                                                                                                                                                                                           | December 1998                                                                              | Not Applicable                                                                                     |
| <b>Prosecutions Relating to Authorised Processes</b><br>Environment Agency - Midlands Region<br>Environment Agency - Welsh Region<br>Natural Resources Wales                                                                                                                                                                                                                                                                                                                   | July 2015<br>March 2013<br>March 2013                                                      | Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update                            |

| Agency & Hydrological                                                                                                                                                                                                                | Version                                           | Update Cycle                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-------------------------------------------------------------------------|
| <b>Prosecutions Relating to Controlled Waters</b><br>Environment Agency - Midlands Region<br>Environment Agency - Welsh Region<br>Natural Resources Wales                                                                            | March 2013<br>March 2013<br>March 2013            | Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update |
| <b>Registered Radioactive Substances</b><br>Natural Resources Wales<br>Environment Agency - Midlands Region<br>Environment Agency - Welsh Region                                                                                     | January 2015<br>June 2016<br>June 2016            | Annually                                                                |
| <b>River Quality</b><br>Environment Agency - Head Office                                                                                                                                                                             | November 2001                                     | Not Applicable                                                          |
| <b>Substantiated Pollution Incident Register</b><br>Natural Resources Wales<br>Environment Agency - Midlands Region - Upper Severn Area<br>Environment Agency - Midlands Region - West Area<br>Environment Agency Wales - North Area | April 2020<br>July 2020<br>July 2020<br>July 2020 | Quarterly<br>Quarterly<br>Quarterly<br>Quarterly                        |
| <b>Water Abstractions</b><br>Natural Resources Wales<br>Environment Agency - Welsh Region                                                                                                                                            | April 2020<br>July 2020                           | Quarterly<br>Quarterly                                                  |
| <b>Water Industry Act Referrals</b><br>Natural Resources Wales<br>Environment Agency - Midlands Region<br>Environment Agency - Welsh Region                                                                                          | April 2020<br>October 2017<br>October 2017        | Quarterly<br>Quarterly<br>Quarterly                                     |
| <b>Groundwater Vulnerability Map</b><br>Natural Resources Wales                                                                                                                                                                      | June 2018                                         | As notified                                                             |
| <b>Bedrock Aquifer Designations</b><br>Natural Resources Wales                                                                                                                                                                       | January 2018                                      | Annually                                                                |
| <b>Superficial Aquifer Designations</b><br>Natural Resources Wales                                                                                                                                                                   | January 2018                                      | Annually                                                                |
| <b>Source Protection Zones</b><br>Natural Resources Wales                                                                                                                                                                            | November 2016                                     | Annual Rolling Update                                                   |
| <b>Extreme Flooding from Rivers or Sea without Defences</b><br>Natural Resources Wales                                                                                                                                               | August 2019                                       | Quarterly                                                               |
| <b>Flooding from Rivers or Sea without Defences</b><br>Natural Resources Wales                                                                                                                                                       | May 2020                                          | Quarterly                                                               |
| <b>Areas Benefiting from Flood Defences</b><br>Natural Resources Wales                                                                                                                                                               | November 2019                                     | Quarterly                                                               |
| <b>Flood Water Storage Areas</b><br>Natural Resources Wales                                                                                                                                                                          | August 2019                                       | Quarterly                                                               |
| <b>Flood Defences</b><br>Natural Resources Wales                                                                                                                                                                                     | November 2019                                     | Quarterly                                                               |
| <b>OS Water Network Lines</b><br>Ordnance Survey                                                                                                                                                                                     | June 2020                                         | Quarterly                                                               |
| <b>Surface Water 1 in 30 year Flood Extent</b><br>Natural Resources Wales                                                                                                                                                            | October 2013                                      | Annually                                                                |
| <b>Surface Water 1 in 100 year Flood Extent</b><br>Natural Resources Wales                                                                                                                                                           | October 2013                                      | Annually                                                                |
| <b>Surface Water 1 in 1000 year Flood Extent</b><br>Natural Resources Wales                                                                                                                                                          | October 2013                                      | Annually                                                                |
| <b>Surface Water Suitability</b><br>Natural Resources Wales                                                                                                                                                                          | October 2013                                      | Annually                                                                |
| <b>BGS Groundwater Flooding Susceptibility</b><br>British Geological Survey - National Geoscience Information Service                                                                                                                | May 2013                                          | Annually                                                                |

| Waste                                                                                                                                                                                                                                                                                                                                                                                                                         | Version                                                   | Update Cycle                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------------------------------|
| <b>BGS Recorded Landfill Sites</b><br>British Geological Survey - National Geoscience Information Service                                                                                                                                                                                                                                                                                                                     | June 1996                                                 | Not Applicable                                                                         |
| <b>Historical Landfill Sites</b><br>Natural Resources Wales                                                                                                                                                                                                                                                                                                                                                                   | July 2017                                                 | Quarterly                                                                              |
| <b>Integrated Pollution Control Registered Waste Sites</b><br>Environment Agency - Midlands Region<br>Environment Agency - Welsh Region                                                                                                                                                                                                                                                                                       | October 2008<br>October 2008                              | Not Applicable<br>Not Applicable                                                       |
| <b>Licensed Waste Management Facilities (Landfill Boundaries)</b><br>Environment Agency - Midlands Region - Upper Severn Area<br>Environment Agency - Midlands Region - West Area<br>Environment Agency Wales - North Area<br>Natural Resources Wales                                                                                                                                                                         | July 2020<br>July 2020<br>July 2020<br>July 2020          | Quarterly<br>Quarterly<br>Quarterly<br>Quarterly                                       |
| <b>Licensed Waste Management Facilities (Locations)</b><br>Natural Resources Wales<br>Environment Agency - Midlands Region - Upper Severn Area<br>Environment Agency - Midlands Region - West Area<br>Environment Agency Wales - North Area                                                                                                                                                                                   | April 2020<br>July 2020<br>July 2020<br>July 2020         | Quarterly<br>Quarterly<br>Quarterly<br>Quarterly                                       |
| <b>Local Authority Landfill Coverage</b><br>Denbighshire County Council - Environmental Health Department<br>North Shropshire District Council (now part of Shropshire Council)<br>Oswestry Borough Council (now part of Shropshire Council) - Environmental Health Department<br>Shropshire County Council (now part of Shropshire Council) - Shropshire Records And Research Centre<br>Wrexham County Borough Council       | May 2000<br>May 2000<br>May 2000<br>May 2000<br>May 2000  | Not Applicable<br>Not Applicable<br>Not Applicable<br>Not Applicable<br>Not Applicable |
| <b>Local Authority Recorded Landfill Sites</b><br>Wrexham County Borough Council<br>Denbighshire County Council - Environmental Health Department<br>North Shropshire District Council (now part of Shropshire Council)<br>Oswestry Borough Council (now part of Shropshire Council) - Environmental Health Department<br>Shropshire County Council (now part of Shropshire Council) - Shropshire Records And Research Centre | June 2003<br>May 2000<br>May 2000<br>May 2000<br>May 2000 | Not Applicable<br>Not Applicable<br>Not Applicable<br>Not Applicable<br>Not Applicable |
| <b>Potentially Infilled Land (Non-Water)</b><br>Landmark Information Group Limited                                                                                                                                                                                                                                                                                                                                            | December 1999                                             | Not Applicable                                                                         |
| <b>Potentially Infilled Land (Water)</b><br>Landmark Information Group Limited                                                                                                                                                                                                                                                                                                                                                | December 1999                                             | Not Applicable                                                                         |
| <b>Registered Landfill Sites</b><br>Environment Agency - Midlands Region - Upper Severn Area<br>Environment Agency - Midlands Region - West Area<br>Environment Agency Wales - North Area                                                                                                                                                                                                                                     | March 2003<br>March 2003<br>March 2003                    | Not Applicable<br>Not Applicable<br>Not Applicable                                     |
| <b>Registered Waste Transfer Sites</b><br>Environment Agency - Midlands Region - Upper Severn Area<br>Environment Agency - Midlands Region - West Area<br>Environment Agency Wales - North Area                                                                                                                                                                                                                               | March 2003<br>March 2003<br>March 2003                    | Not Applicable<br>Not Applicable<br>Not Applicable                                     |
| <b>Registered Waste Treatment or Disposal Sites</b><br>Environment Agency - Midlands Region - Upper Severn Area<br>Environment Agency - Midlands Region - West Area<br>Environment Agency Wales - North Area                                                                                                                                                                                                                  | March 2003<br>March 2003<br>March 2003                    | Not Applicable<br>Not Applicable<br>Not Applicable                                     |

| Hazardous Substances                                                                                                                                                                                                                                                                                                                                                                                       | Version                                                                                        | Update Cycle                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Control of Major Accident Hazards Sites (COMAH)</b><br>Health and Safety Executive                                                                                                                                                                                                                                                                                                                      | April 2018                                                                                     | Bi-Annually                                                                                   |
| <b>Explosive Sites</b><br>Health and Safety Executive                                                                                                                                                                                                                                                                                                                                                      | March 2017                                                                                     | Annually                                                                                      |
| <b>Notification of Installations Handling Hazardous Substances (NIHHS)</b><br>Health and Safety Executive                                                                                                                                                                                                                                                                                                  | November 2000                                                                                  | Not Applicable                                                                                |
| <b>Planning Hazardous Substance Enforcements</b><br>North Shropshire District Council (now part of Shropshire Council)<br>Denbighshire County Council - Planning Department<br>Shropshire Council - Planning Department<br>Wrexham County Borough Council - Planning Department<br>Shropshire County Council (now part of Shropshire Council)<br>Oswestry Borough Council (now part of Shropshire Council) | February 2009<br>February 2016<br>February 2016<br>February 2016<br>March 2009<br>October 2008 | Not Applicable<br>Variable<br>Variable<br>Variable<br>Annual Rolling Update<br>Not Applicable |
| <b>Planning Hazardous Substance Consents</b><br>North Shropshire District Council (now part of Shropshire Council)<br>Denbighshire County Council - Planning Department<br>Shropshire Council - Planning Department<br>Wrexham County Borough Council - Planning Department<br>Shropshire County Council (now part of Shropshire Council)<br>Oswestry Borough Council (now part of Shropshire Council)     | February 2009<br>February 2016<br>February 2016<br>February 2016<br>March 2009<br>October 2008 | Not Applicable<br>Variable<br>Variable<br>Variable<br>Annual Rolling Update<br>Not Applicable |
| Geological                                                                                                                                                                                                                                                                                                                                                                                                 | Version                                                                                        | Update Cycle                                                                                  |
| <b>BGS 1:625,000 Solid Geology</b><br>British Geological Survey - National Geoscience Information Service                                                                                                                                                                                                                                                                                                  | January 2009                                                                                   | Not Applicable                                                                                |
| <b>BGS Estimated Soil Chemistry</b><br>British Geological Survey - National Geoscience Information Service                                                                                                                                                                                                                                                                                                 | October 2015                                                                                   | Annually                                                                                      |
| <b>BGS Recorded Mineral Sites</b><br>British Geological Survey - National Geoscience Information Service                                                                                                                                                                                                                                                                                                   | June 2020                                                                                      | Bi-Annually                                                                                   |
| <b>CBSCB Compensation District</b><br>Cheshire Brine Subsidence Compensation Board (CBSCB)                                                                                                                                                                                                                                                                                                                 | August 2011                                                                                    | Not Applicable                                                                                |
| <b>Coal Mining Affected Areas</b><br>The Coal Authority - Property Searches                                                                                                                                                                                                                                                                                                                                | March 2014                                                                                     | Annual Rolling Update                                                                         |
| <b>Mining Instability</b><br>Ove Arup & Partners                                                                                                                                                                                                                                                                                                                                                           | October 2000                                                                                   | Not Applicable                                                                                |
| <b>Non Coal Mining Areas of Great Britain</b><br>British Geological Survey - National Geoscience Information Service                                                                                                                                                                                                                                                                                       | May 2015                                                                                       | Not Applicable                                                                                |
| <b>Potential for Collapsible Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                                                                                                                                                                                                                                                                           | April 2020                                                                                     | Annually                                                                                      |
| <b>Potential for Compressible Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                                                                                                                                                                                                                                                                          | January 2019                                                                                   | Annually                                                                                      |
| <b>Potential for Ground Dissolution Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                                                                                                                                                                                                                                                                           | January 2019                                                                                   | Annually                                                                                      |
| <b>Potential for Landslide Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                                                                                                                                                                                                                                                                             | January 2019                                                                                   | Annually                                                                                      |
| <b>Potential for Running Sand Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                                                                                                                                                                                                                                                                          | January 2019                                                                                   | Annually                                                                                      |
| <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                                                                                                                                                                                                                                                            | January 2019                                                                                   | Annually                                                                                      |
| <b>Radon Potential - Radon Affected Areas</b><br>British Geological Survey - National Geoscience Information Service                                                                                                                                                                                                                                                                                       | July 2011                                                                                      | Annually                                                                                      |
| <b>Radon Potential - Radon Protection Measures</b><br>British Geological Survey - National Geoscience Information Service                                                                                                                                                                                                                                                                                  | July 2011                                                                                      | Annually                                                                                      |

| Industrial Land Use                                                  | Version     | Update Cycle |
|----------------------------------------------------------------------|-------------|--------------|
| <b>Contemporary Trade Directory Entries</b><br>Thomson Directories   | July 2020   | Quarterly    |
| <b>Fuel Station Entries</b><br>Catalist Ltd - Experian               | June 2020   | Quarterly    |
| <b>Gas Pipelines</b><br>National Grid                                | July 2014   |              |
| <b>Points of Interest - Commercial Services</b><br>PointX            | June 2020   | Quarterly    |
| <b>Points of Interest - Education and Health</b><br>PointX           | June 2020   | Quarterly    |
| <b>Points of Interest - Manufacturing and Production</b><br>PointX   | June 2020   | Quarterly    |
| <b>Points of Interest - Public Infrastructure</b><br>PointX          | June 2020   | Quarterly    |
| <b>Points of Interest - Recreational and Environmental</b><br>PointX | June 2020   | Quarterly    |
| <b>Underground Electrical Cables</b><br>National Grid                | August 2020 |              |

| Sensitive Land Use                                                                                                                                                                                                                                                                   | Version                                                       | Update Cycle                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------------------------|
| <b>Ancient Woodland</b><br>Natural Resources Wales                                                                                                                                                                                                                                   | August 2018                                                   | Bi-Annually                                                             |
| <b>Areas of Adopted Green Belt</b><br>Denbighshire County Council<br>North Shropshire District Council (now part of Shropshire Council)<br>Oswestry Borough Council (now part of Shropshire Council)<br>Shropshire Council - Planning Department<br>Wrexham County Borough Council   | June 2020<br>June 2020<br>June 2020<br>June 2020<br>June 2020 | As notified<br>As notified<br>As notified<br>As notified<br>As notified |
| <b>Areas of Unadopted Green Belt</b><br>Denbighshire County Council<br>North Shropshire District Council (now part of Shropshire Council)<br>Oswestry Borough Council (now part of Shropshire Council)<br>Shropshire Council - Planning Department<br>Wrexham County Borough Council | June 2020<br>June 2020<br>June 2020<br>June 2020<br>June 2020 | As notified<br>As notified<br>As notified<br>As notified<br>As notified |
| <b>Areas of Outstanding Natural Beauty</b><br>Natural England<br>Natural Resources Wales                                                                                                                                                                                             | June 2019<br>June 2019                                        | Bi-Annually<br>Bi-Annually                                              |
| <b>Environmentally Sensitive Areas</b><br>Natural England<br>The National Assembly for Wales - GI Services (Department of Planning & Countryside)                                                                                                                                    | January 2017<br>January 2017                                  |                                                                         |
| <b>Forest Parks</b><br>Forestry Commission                                                                                                                                                                                                                                           | April 1997                                                    | Not Applicable                                                          |
| <b>Local Nature Reserves</b><br>Natural England<br>Denbighshire County Council<br>Wrexham County Borough Council                                                                                                                                                                     | April 2020<br>August 2018<br>August 2018                      | Bi-Annually<br>Bi-Annually<br>Bi-Annually                               |
| <b>Marine Nature Reserves</b><br>Natural Resources Wales                                                                                                                                                                                                                             | August 2018                                                   | Bi-Annually                                                             |
| <b>National Nature Reserves</b><br>Natural Resources Wales                                                                                                                                                                                                                           | June 2019                                                     | Bi-Annually                                                             |
| <b>National Parks</b><br>Natural England<br>Natural Resources Wales                                                                                                                                                                                                                  | April 2017<br>August 2018                                     | Bi-Annually<br>Annually                                                 |
| <b>Nitrate Vulnerable Zones</b><br>Natural Resources Wales<br>The National Assembly for Wales - GI Services (Department of Planning & Countryside)                                                                                                                                   | July 2019<br>October 2005                                     | Bi-Annually                                                             |
| <b>Ramsar Sites</b><br>Natural Resources Wales                                                                                                                                                                                                                                       | July 2019                                                     | Bi-Annually                                                             |
| <b>Sites of Special Scientific Interest</b><br>Natural Resources Wales                                                                                                                                                                                                               | March 2020                                                    | Bi-Annually                                                             |
| <b>Special Areas of Conservation</b><br>Natural Resources Wales                                                                                                                                                                                                                      | August 2020                                                   | Bi-Annually                                                             |
| <b>Special Protection Areas</b><br>Natural Resources Wales                                                                                                                                                                                                                           | August 2018                                                   | Bi-Annually                                                             |
| <b>World Heritage Sites</b><br>Historic England<br>Welsh Historic Environment Service (Cadw)                                                                                                                                                                                         | July 2019<br>November 2017                                    | Bi-Annually<br>Bi-Annually                                              |

A selection of organisations who provide data within this report

| Data Supplier                          | Data Supplier Logo                                                                                                                                                    |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ordnance Survey                        |                                                                                    |
| Environment Agency                     |                                                                                    |
| Scottish Environment Protection Agency |                                                                                    |
| The Coal Authority                     |                                                                                    |
| British Geological Survey              |  <b>British Geological Survey</b><br>NATURAL ENVIRONMENT RESEARCH COUNCIL          |
| Centre for Ecology and Hydrology       |  <b>Centre for Ecology &amp; Hydrology</b><br>NATURAL ENVIRONMENT RESEARCH COUNCIL |
| Natural Resources Wales                |                                                                                   |
| Scottish Natural Heritage              |                                                                                  |
| Natural England                        |                                                                                  |
| Public Health England                  |                                                                                  |
| Ove Arup                               |                                                                                  |
| Stantec UK Ltd                         |                                                                                  |

| Contact | Name and Address                                                                                                                                                  | Contact Details                                                                                                                                                                                                                      |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1       | <b>British Geological Survey - Enquiry Service</b><br>British Geological Survey, Environmental Science Centre, Keyworth,<br>Nottingham, Nottinghamshire, NG12 5GG | Telephone: 0115 936 3143<br>Fax: 0115 936 3276<br>Email: <a href="mailto:enquiries@bgs.ac.uk">enquiries@bgs.ac.uk</a><br>Website: <a href="http://www.bgs.ac.uk">www.bgs.ac.uk</a>                                                   |
| 2       | <b>Natural Resources Wales</b><br>Ty Cambria, 29 Newport Road, Cardiff, CF24 0TP                                                                                  | Telephone: 0300 065 3000<br>Email: <a href="mailto:enquiries@naturalresourceswales.gov.uk">enquiries@naturalresourceswales.gov.uk</a>                                                                                                |
| 3       | <b>Wrexham County Borough Council - Environmental Health Department</b><br>Crown Buildings, P O Box 1297, Wrexham, Clwyd, LL13 8ZE                                | Telephone: 01978 297038<br>Fax: 01978 292502<br>Website: <a href="http://www.wrexham.gov.uk">www.wrexham.gov.uk</a>                                                                                                                  |
| 4       | <b>Environment Agency - National Customer Contact Centre (NCCC)</b><br>PO Box 544, Templeborough, Rotherham, S60 1BY                                              | Telephone: 03708 506 506<br>Email: <a href="mailto:enquiries@environment-agency.gov.uk">enquiries@environment-agency.gov.uk</a>                                                                                                      |
| 5       | <b>Ordnance Survey</b><br>Adanac Drive, Southampton, Hampshire, SO16 0AS                                                                                          | Telephone: 03456 05 05 05<br>Email: <a href="mailto:customerservices@ordnancesurvey.co.uk">customerservices@ordnancesurvey.co.uk</a><br>Website: <a href="http://www.ordnancesurvey.gov.uk">www.ordnancesurvey.gov.uk</a>            |
| 6       | <b>Wrexham County Borough Council</b><br>Lampet Street, Guildhall, Wrexham, Clwyd, LL11 1WL                                                                       | Telephone: 01978 292000<br>Fax: 01978 292502<br>Website: <a href="http://www.wrexham.gov.uk">www.wrexham.gov.uk</a>                                                                                                                  |
| 7       | <b>The Coal Authority - Property Searches</b><br>200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG                                                         | Telephone: 0345 762 6848<br>Fax: 01623 637 338<br>Email: <a href="mailto:groundstability@coal.gov.uk">groundstability@coal.gov.uk</a><br>Website: <a href="http://www2.groundstability.com">www2.groundstability.com</a>             |
| 8       | <b>PointX</b><br>7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY                                                                                         | Website: <a href="http://www.pointx.co.uk">www.pointx.co.uk</a>                                                                                                                                                                      |
| 9       | <b>Landmark Information Group Limited</b><br>Imperium, Imperial Way, Reading, Berkshire, RG2 0TD                                                                  | Telephone: 0844 844 9966<br>Fax: 0844 844 9951<br>Email: <a href="mailto:helpdesk@landmark.co.uk">helpdesk@landmark.co.uk</a><br>Website: <a href="http://www.landmark.co.uk">www.landmark.co.uk</a>                                 |
| 10      | <b>Historic England</b><br>1 Waterhouse Square, 138 - 142 Holborn, London, EC1N 2ST                                                                               | Telephone: 0370 333 0607<br>Email: <a href="mailto:customers@historicengland.org.uk">customers@historicengland.org.uk</a><br>Website: <a href="http://www.historicengland.org.uk">www.historicengland.org.uk</a>                     |
| -       | <b>Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b><br>Chilton, Didcot, Oxfordshire, OX11 0RQ                   | Telephone: 01235 822622<br>Fax: 01235 833891<br>Email: <a href="mailto:radon@phe.gov.uk">radon@phe.gov.uk</a><br>Website: <a href="http://www.ukradon.org">www.ukradon.org</a>                                                       |
| -       | <b>Landmark Information Group Limited</b><br>Imperium, Imperial Way, Reading, Berkshire, RG2 0TD                                                                  | Telephone: 0844 844 9952<br>Fax: 0844 844 9951<br>Email: <a href="mailto:customerservices@landmarkinfo.co.uk">customerservices@landmarkinfo.co.uk</a><br>Website: <a href="http://www.landmarkinfo.co.uk">www.landmarkinfo.co.uk</a> |

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

## Groundwater Vulnerability

## General

- | Specified Site                                                                    | Specified Buffer(s)                                                               | Bearing Reference Point                                                           |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|  |  |  |
|  |  |  |
|  |  |  |

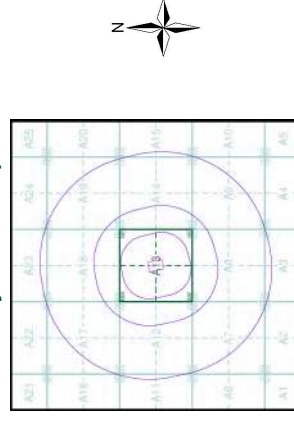
## Agency and Hydrological

## Bedrock Aquifers

- | High Vulnerability, Principal Aquirer   | High Vulnerability, Principal Aquirer   | High Vulnerability, Principal Aquirer   |
|-----------------------------------------|-----------------------------------------|-----------------------------------------|
| High Vulnerability, Secondary Aquirer   | High Vulnerability, Secondary Aquirer   | High Vulnerability, Secondary Aquirer   |
| Medium Vulnerability, Principal Aquirer | Medium Vulnerability, Principal Aquirer | Medium Vulnerability, Principal Aquirer |
| Medium Vulnerability, Secondary Aquirer | Medium Vulnerability, Secondary Aquirer | Medium Vulnerability, Secondary Aquirer |
| Low Vulnerability, Principal Aquirer    | Low Vulnerability, Principal Aquirer    | Low Vulnerability, Principal Aquirer    |
| Low Vulnerability, Secondary Aquirer    | Low Vulnerability, Secondary Aquirer    | Low Vulnerability, Secondary Aquirer    |

-  Unproductive Aquifer  
 Soluble Rock

### Site Sensitivity Context Map - Slice A



## Order Details

|                          |                  |
|--------------------------|------------------|
| Order Number:            | 254482832_1_1    |
| Customer Ref:            | 2387-Wynnstay-es |
| National Grid Reference: | 329210, 343560   |
| Slice:                   | A                |
| Site Area (Ha):          | 1.28             |
| Search Buffer (m):       | 1000             |

## Site Details

**Site Details**  
Unit 1, Wynnstay Technology Park, Ruabon, WREXHAM, LL14 6EN

## Bedrock Aquifer Designation

**General**

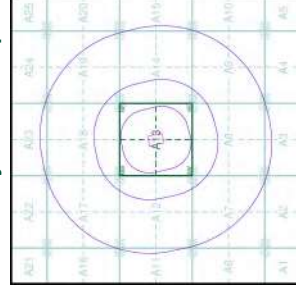
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Site
- Map ID

**Agency and Hydrological**

**Geological Classes**

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

### Site Sensitivity Context Map - Slice A

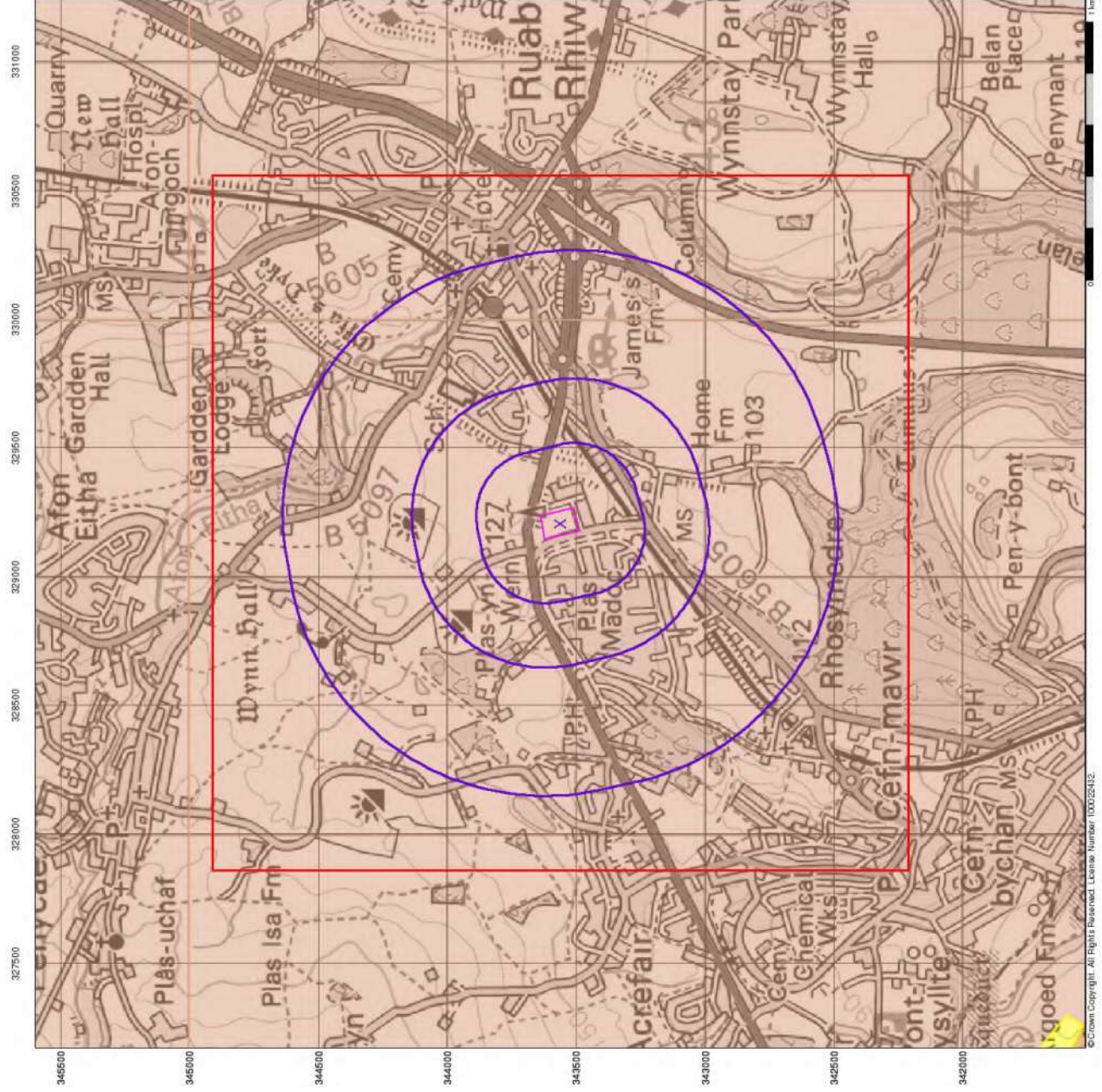


#### Order Details

Order Number: 254482832 1 1  
Customer Ref: 2387-Wynnstay-es  
National Grid Reference: 329210, 343560  
Slice: A  
Site Area (Ha): 1.28  
Search Buffer (m): 1000

#### Site Details

Unit 1, Wynnstay Technology Park, Ruabon, WREXHAM, LL14 6EN



## Superficial Aquifer Designation

**General**

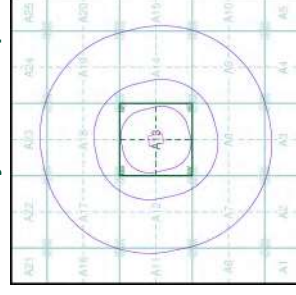
- Specified Site
- Specified Buffer(s)
- Map ID
- Bearing Reference Point

**Agency and Hydrological**

**Geological Classes**

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landlip)

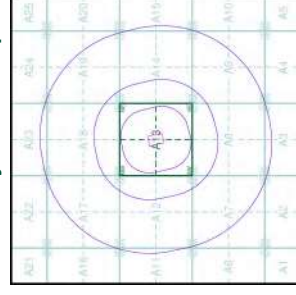
### Site Sensitivity Context Map - Slice A



## Source Protection Zones

- General**
- Specified Site
  - Specified Buffer(s)
  - Map ID
  - Bearing Reference Point
- Agency and Hydrological**
- Inner zone (Zone 1)
  - Inner zone - subsurface activity only (Zone 1c)
  - Outer zone (Zone 2)
  - Outer zone - subsurface activity only (Zone 2c)
  - Total catchment (Zone 3)
  - Total catchment - subsurface activity only (Zone 3c)
  - Special Interest (Zone 4)

## Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 254482832 1 1  
 Customer Ref: 2387-Wynnstays  
 National Grid Reference: 329210, 343560  
 Slice: A  
 Site Area (Ha): 1.28  
 Search Buffer (m): 1000

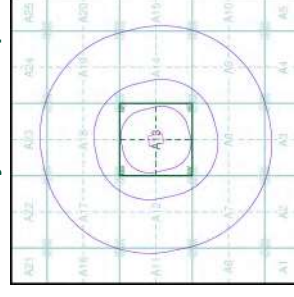
### Site Details

Unit 1, Wynnstays Technology Park, Ruabon, WREXHAM, LL14 6EN

## Sensitive Land Uses

- General**
- Specified Site
  - Specified Buffer(s)
  - Map ID
  - Bearing Reference Point
- Sensitive Land Uses**
- Ancient Woodland
  - Area of Adopted Green Belt
  - Area of Unadopted Green Belt
  - Area of Outstanding Natural Beauty
  - Environmentally Sensitive Area
  - Forest Park
  - Local Nature Reserve
  - Marine Nature Reserve
  - National Nature Reserve
  - National Park
  - Nitrate Sensitive Area
  - Nitrate Vulnerable Zone
  - Ramsar Site
  - Site of Special Scientific Interest
  - Special Area of Conservation
  - Special Protection Area
  - World Heritage Sites

## Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 254482832 1 1  
 Customer Ref: 2387-Wynstay-es  
 National Grid Reference: 329210, 343560  
 Slice: A  
 Site Area (Ha): 1.28  
 Search Buffer (m): 1000

### Site Details

Unit 1, Wynstay Technology Park, Ruabon, WREXHAM, LL14 6EN

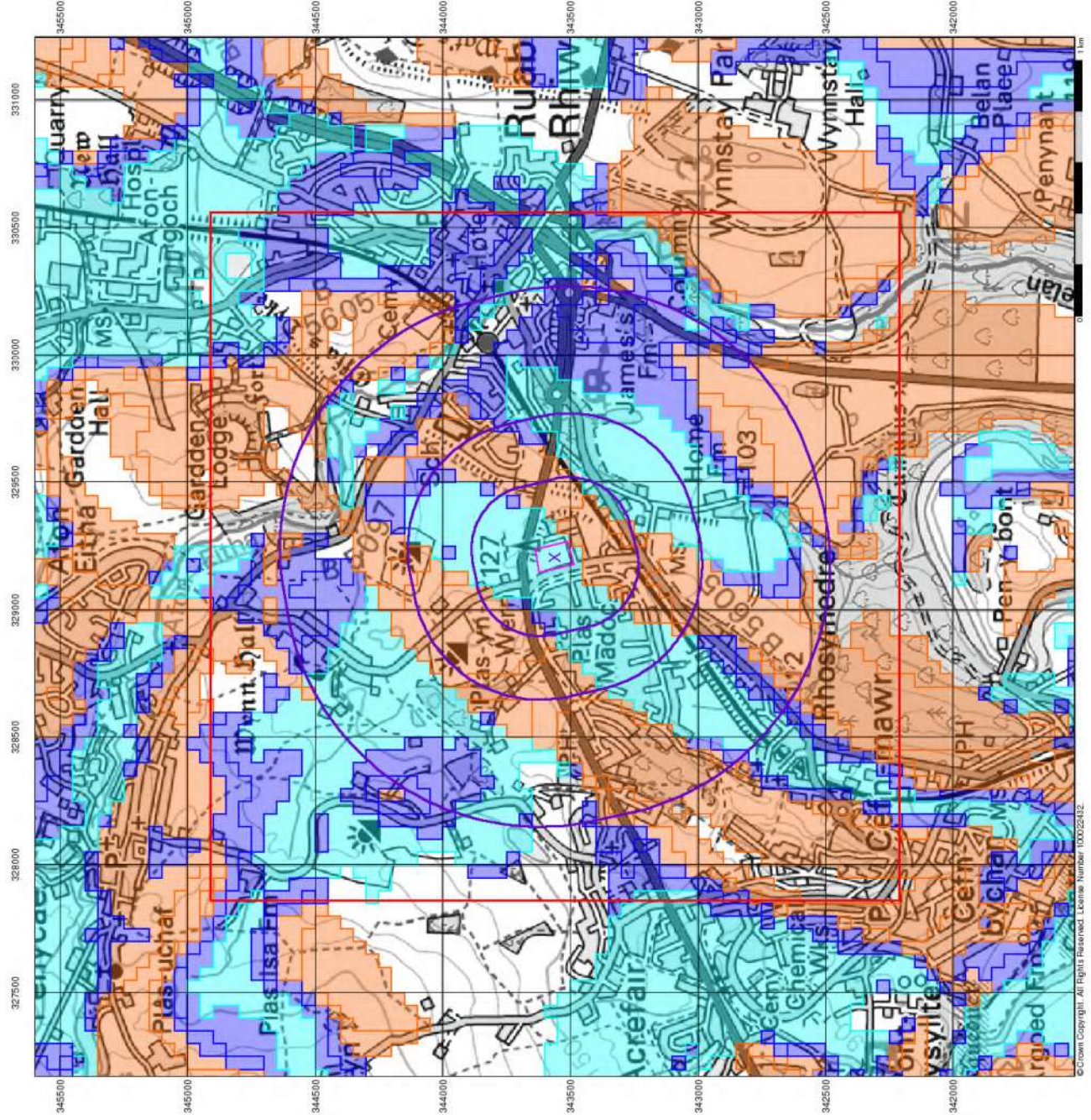
## BGS Flood GFS Data

### General

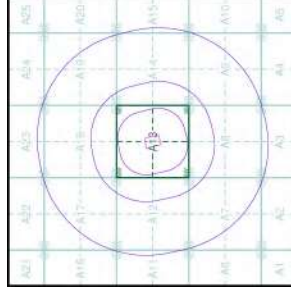
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice

### Agency and Hydrological (Flood)

- Limited Potential for Groundwater Flooding to Occur
- Potential for Groundwater Flooding of Property Situated Below Ground Level
- Potential for Groundwater Flooding to Occur at Surface



## Site Sensitivity Context Map - Slice A



## Order Details

Order Number: 254482832 1 1  
 Customer Ref: 2387-Wynnstays  
 National Grid Reference: 329210, 343560  
 Slice: A  
 Site Area (Ha): 1.28  
 Search Buffer (m): 1000

## Site Details

Unit 1, Wynnstays Technology Park, Ruabon, WREXHAM, LL14 6EN

☒ Specified Site ☒ Specified Buffer

☐ Several of Type at Location ☐ p...

Contaminated Land Register Entry or Not

Discharge Consent

Enforcement or Prohibition Notice

☒ Integrated Pollution Prevention Control

▲ Local Authority Pollution Prevention and

**Pollution Incident to Controlled Waters**

 Flammable (relating to compressed gases)  
 Registered Radioactive Substance

**+** River Quality Sampling Point

Water Abstraction

## Hazardous Substances

 Planning Hazardous Substance Consent

## Geological

## Site Sensitivity Map

|     |     |     |
|-----|-----|-----|
| A21 | A22 | A23 |
|-----|-----|-----|

## A16 A17 A18

3

3

A6 A7 A8

[illegible]

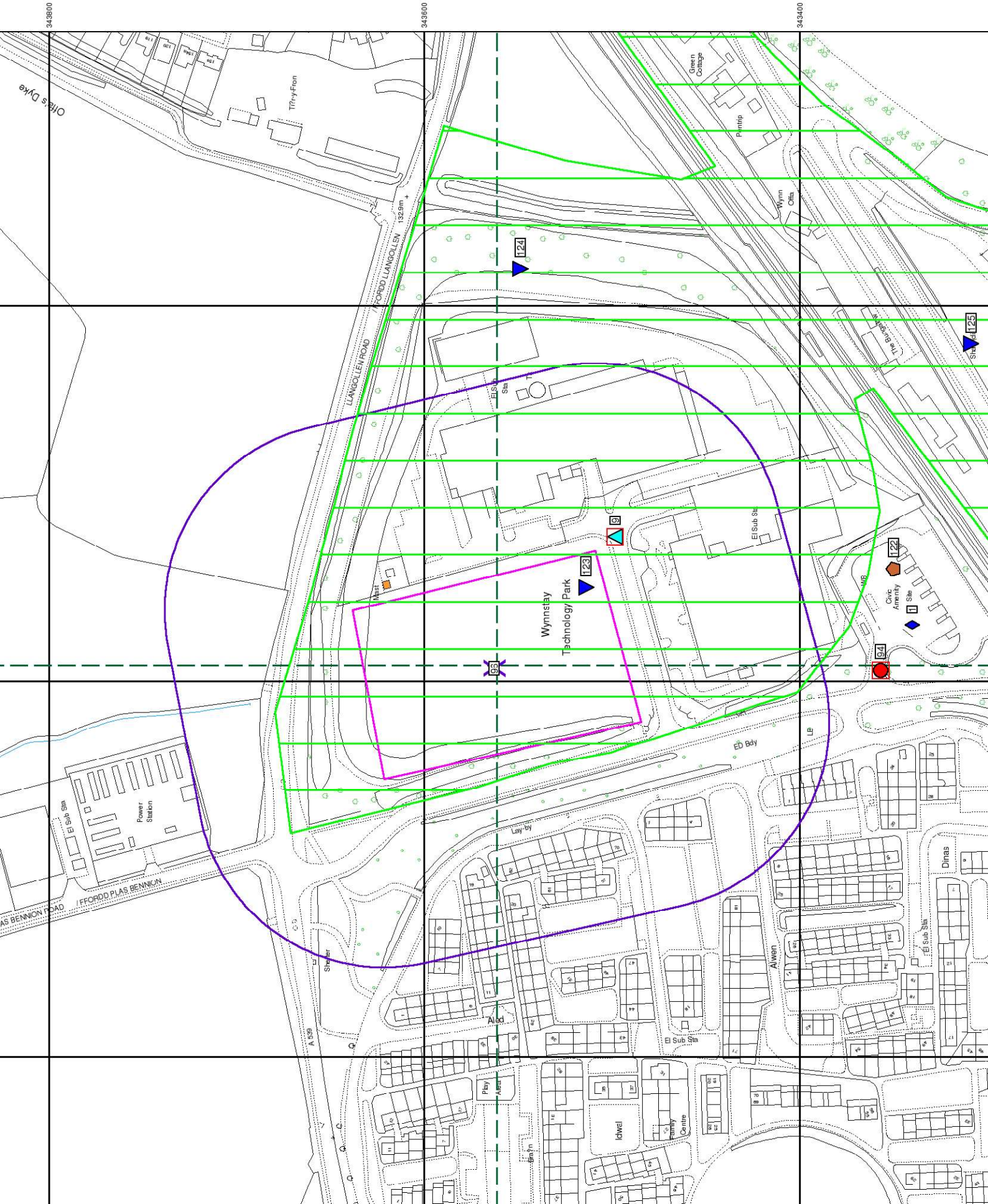
## Order Details

Customer Ref: 2

Slice:

First bullet (iii).

## Site Details



Order Number:

National Grid R  
Slice.

Plot Buffer (m):

## Site Details



General

Specified Site

Slice

Industrial Land Use

Contemporary Trade Directory Entry

Fuel Station Entry

Gas Pipeline

Points of Interest - Commercial Service

Points of Interest - Education and Health

Points of Interest - Manufacturing and

Points of Interest - Public Infrastructure

Points of Interest - Recreational and En

Underground Electrical Cables

Industrial Land Use

The inset map displays a grid of sites labeled A1 through A22. Concentric circles are drawn around specific sites, representing search buffers of different radii. The grid is organized with A1-A11 in the top row and A12-A22 in the bottom row.

Order Details

|                          |   |
|--------------------------|---|
| Order Number:            | 2 |
| Customer Ref:            | 2 |
| National Grid Reference: | 3 |
| Slice:                   | A |
| Site Area (Ha):          | 1 |
| Search Buffer (m):       | 1 |

Site Details

The main map shows a detailed view of industrial land use. It features a grid of sites, each marked with a star and a number. Concentric circles around these sites represent search buffers. The map includes labels for various locations such as Ruabon, Plas Madoc, and Rhosymedre. A pink square highlights a specific site, and a purple star marks another location. The map also shows roads, rivers, and other geographical features.

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Agency and Hydrology

- Extreme Flooding from Rivers
- Flooding from Rivers or Sea
- Area Benefiting from Flood D
- Flood Water Storage Areas
- Flood Defence

Flood Map - Slice A



Order Details

Order Number: 2  
Customer Ref: 2  
National Grid Reference: 3  
Slice: A  
Site Area (Ha): 1  
Search Buffer (m): 1

Site Details



## General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

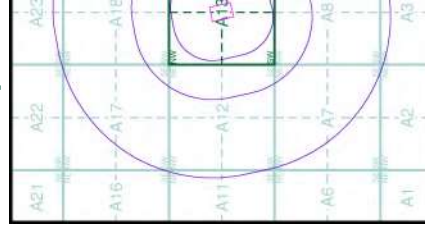
## Agency and Hydrology

- BGS Borehole Depth 0 - 10m
- BGS Borehole Depth 10 - 30m
- BGS Borehole Depth 30m +
- Confidential
- Other

For Borehole information please accompanied this slice.

A copy of the BGS Borehole Chart from the Support section of the

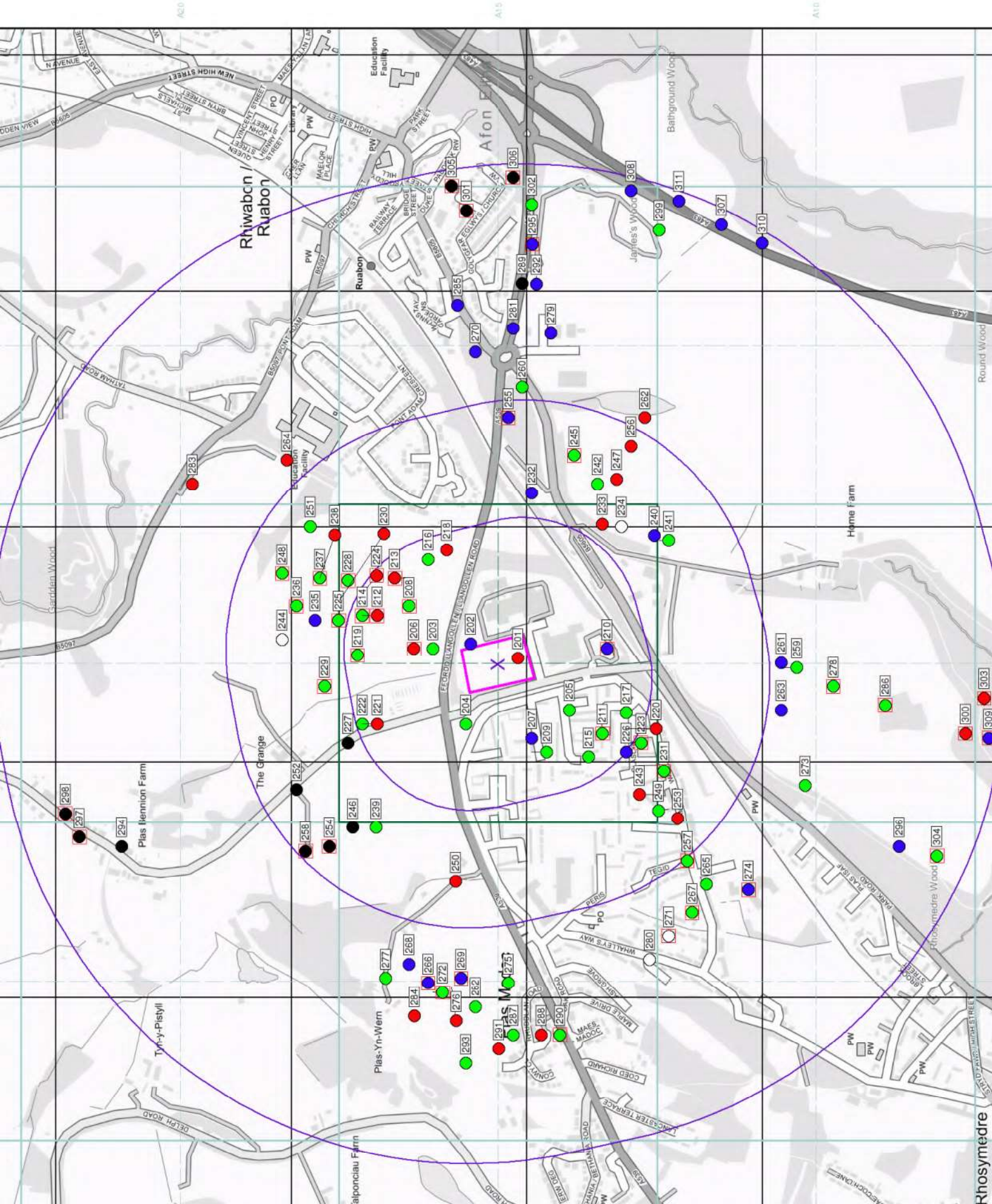
## Borehole Map - Slice

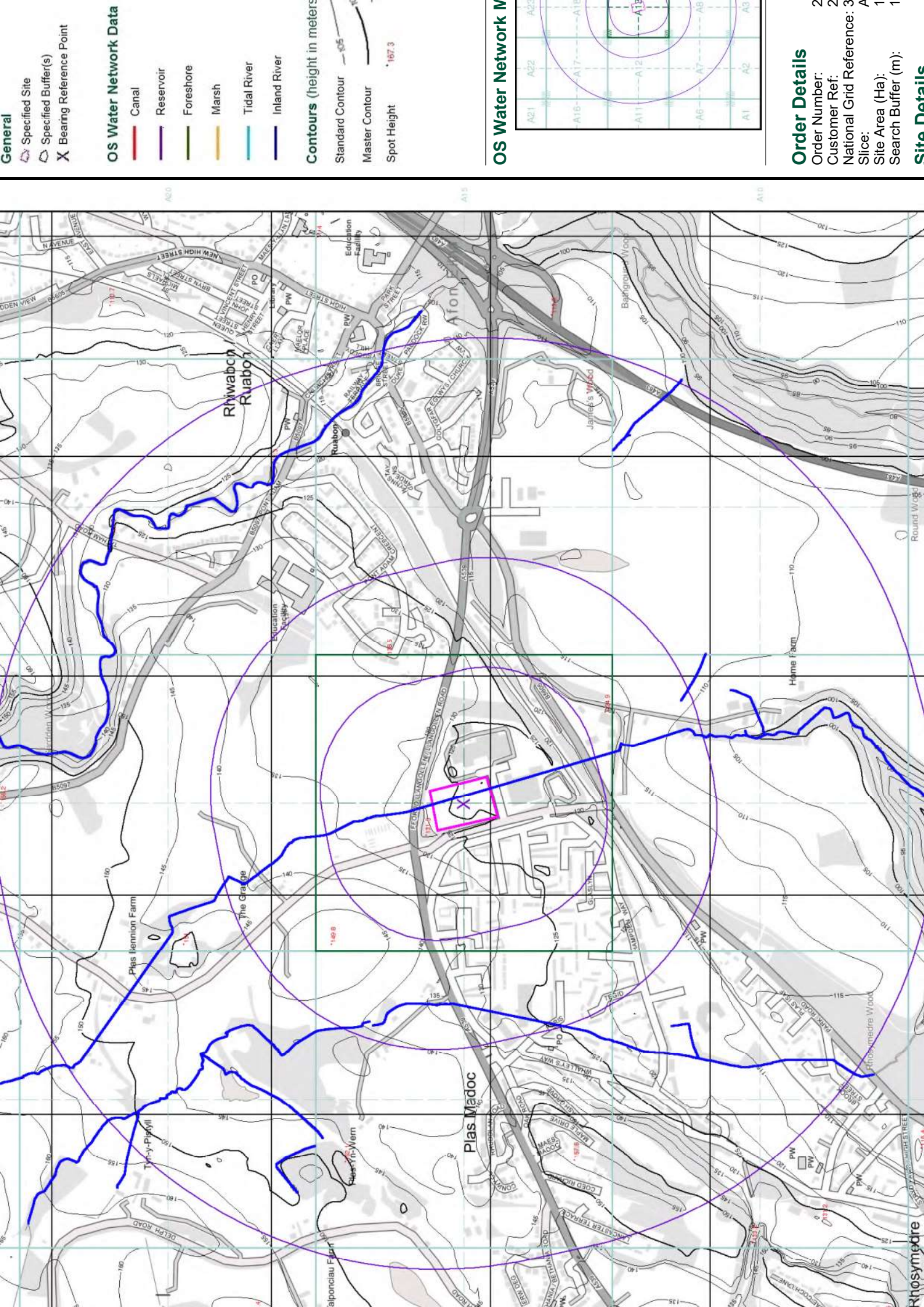


## Order Details

- Order Number: 2
- Customer Ref: 2
- National Grid Reference: 3
- Slice: A
- Site Area (Ha): 1
- Search Buffer (m): 1

## Site Details





 Specified Site  
 Specified Buffer(s)  
 Bearing Reference Point

High - 30 Year Return  
Medium - 100 Year Return  
Low - 1000 Year Return

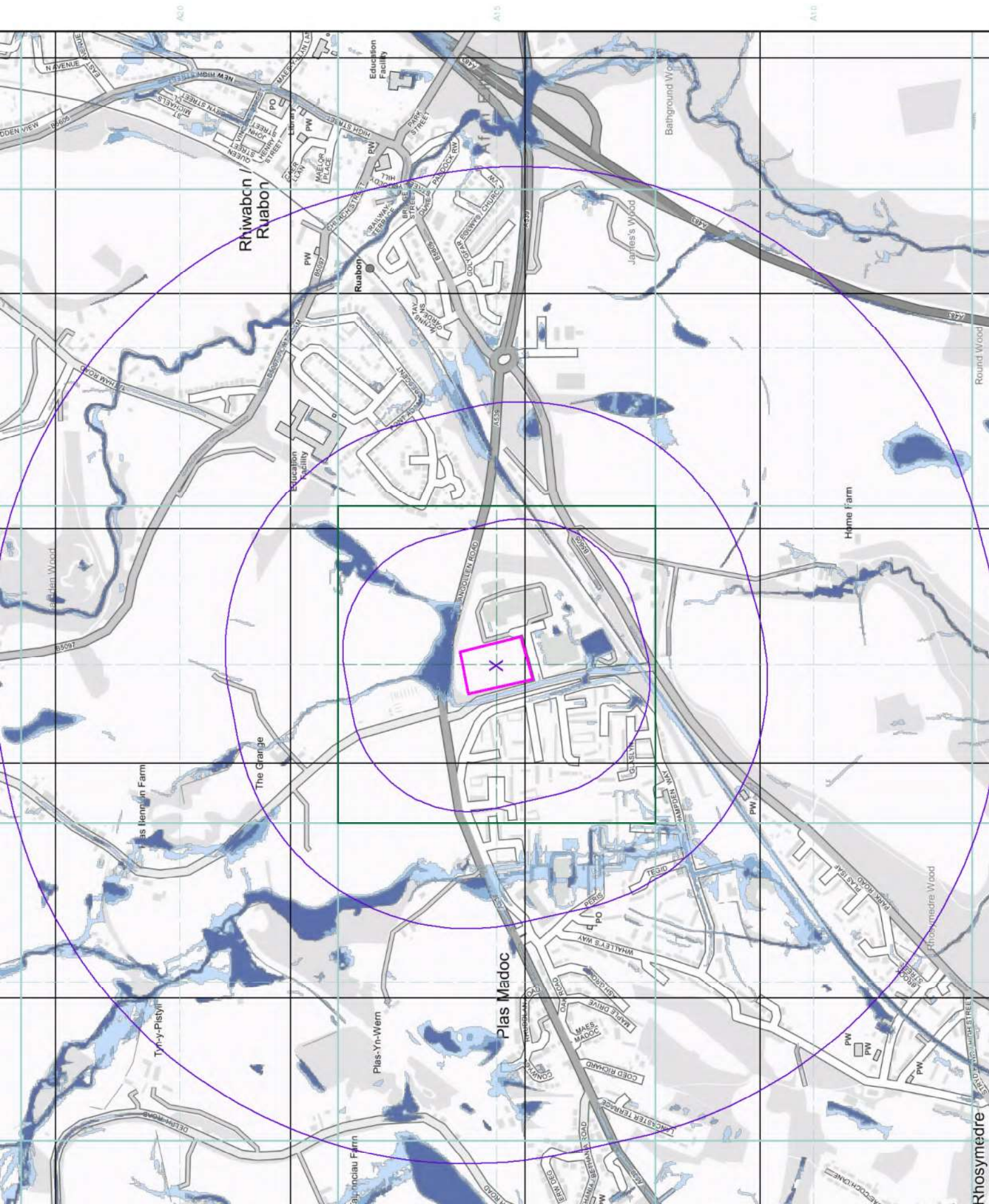
See the suitability map below

|                           |
|---------------------------|
| National to county        |
| County to town            |
| Town to street            |
| Street to parcels of land |
| Property                  |

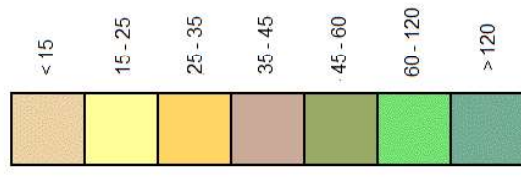
The diagram shows a 4x4 grid of cells labeled A1 through A16. The cells are arranged in a 4x4 grid. The central square is labeled A13. Concentric circles are drawn around the center, and a dashed line connects the center to the top edge of the square.

Order Number: 22  
Customer Ref: 22  
National Grid Reference: 33  
Slice: A  
Site Area (Ha): 1  
Search Buffer (m): 1

## Site Details



### Estimated Soil Chemistry



|                          |    |
|--------------------------|----|
| Order Details:           | 22 |
| Customer Ref:            | 20 |
| National Grid Reference: | 33 |
| Slice:                   | A  |
| Site Area (Ha):          | 1  |
| Search Buffer (m):       | 1  |

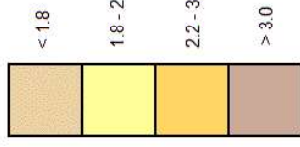
## Site Details

General

Specified Site

Estimated Soil Chemistry

Cadmium Concentrations mg/kg



Estimated Soil Chemistry

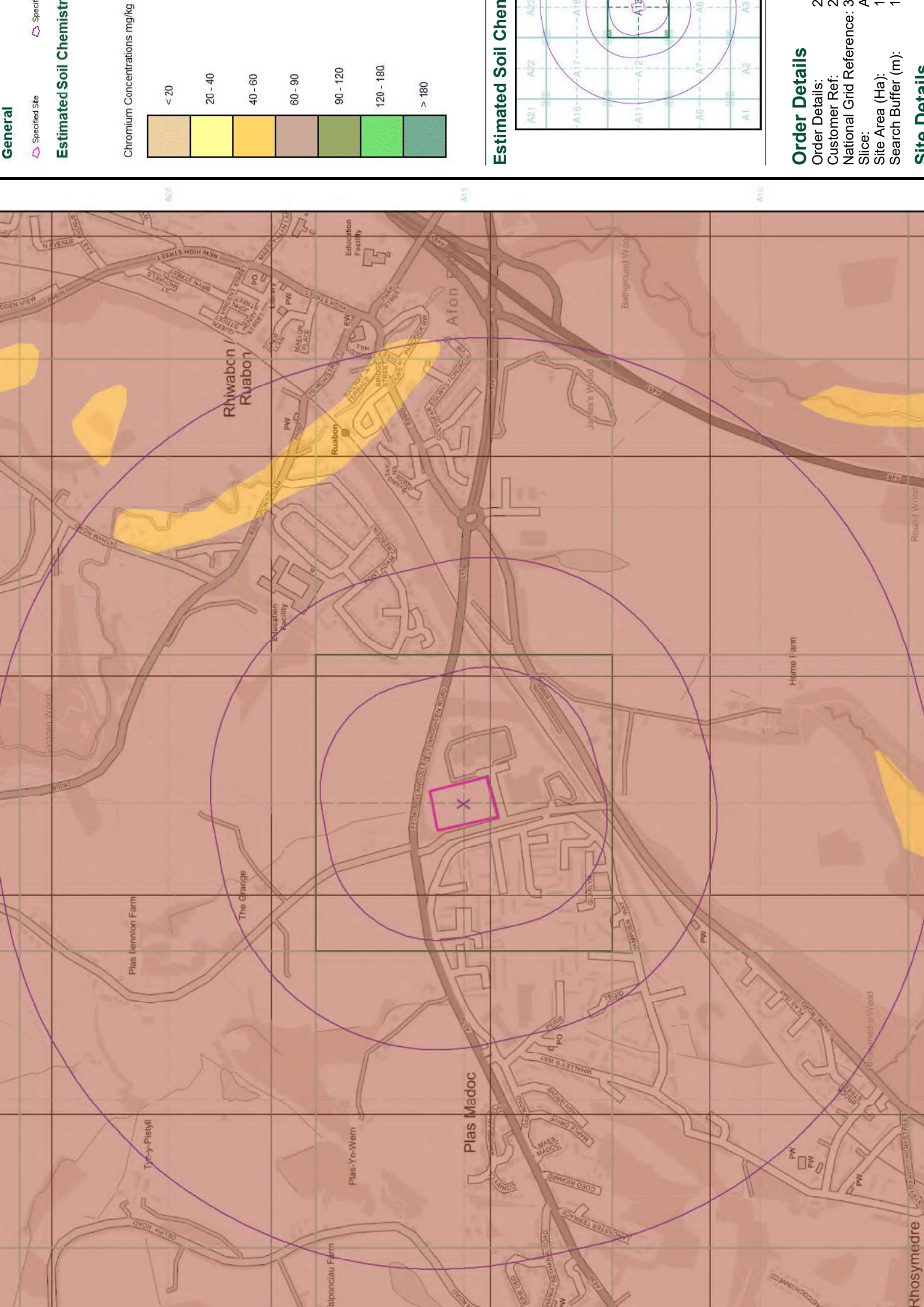


Order Details

Order Details: 2  
Customer Ref: 2  
National Grid Reference: 3  
Slice: A  
Site Area (Ha): 1  
Search Buffer (m): 1

Site Details



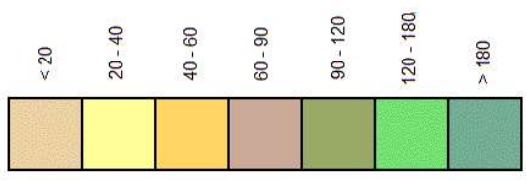


General

Specified Site

Estimated Soil Chromium

Chromium Concentrations mg/kg



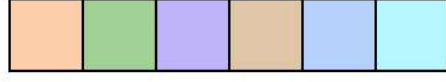
Estimated Soil Chromium



Order Details

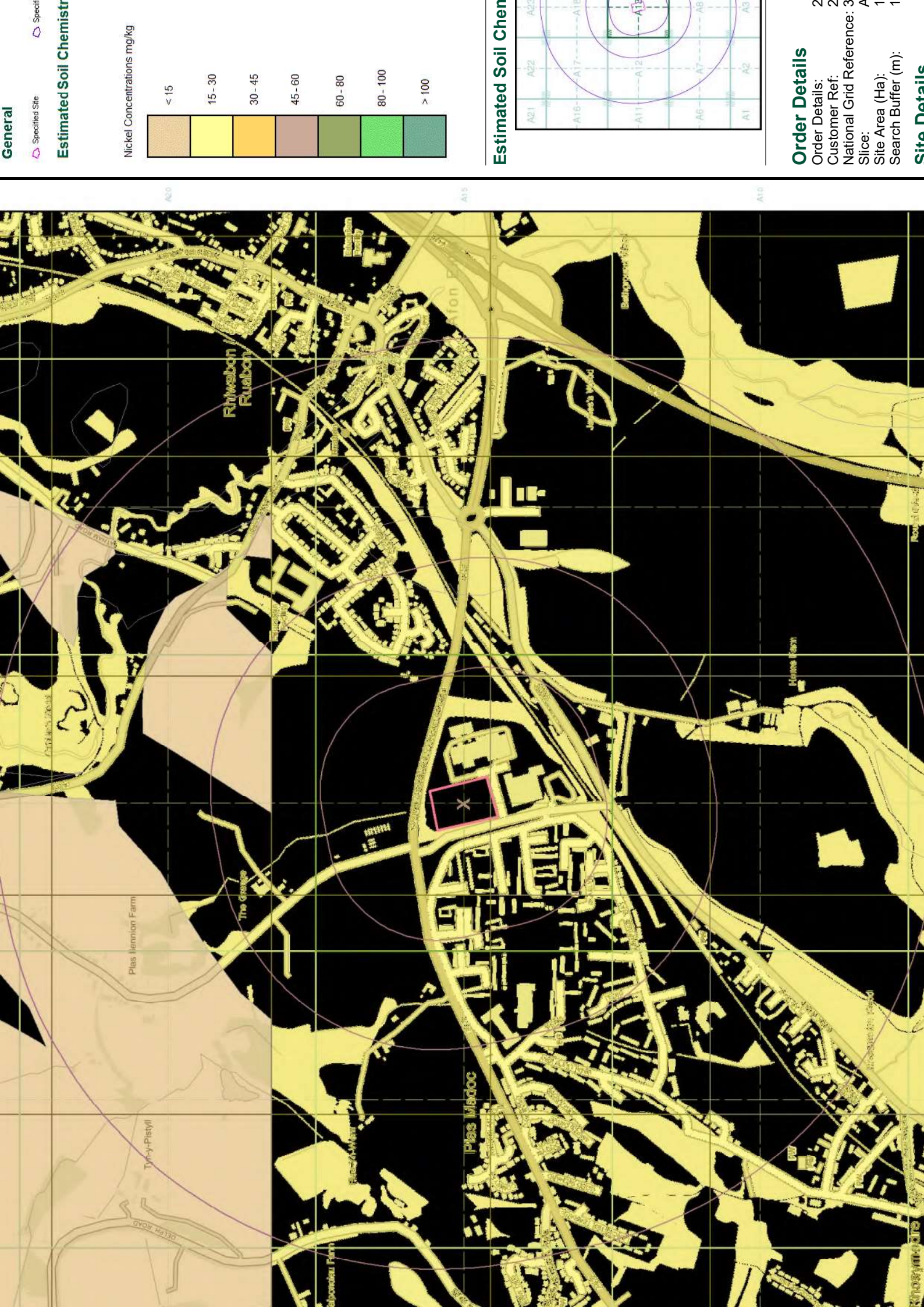
Order Details: 2  
Customer Ref: 2  
National Grid Reference: 3  
Slice: A  
Site Area (Ha): 1  
Search Buffer (m): 1

Site Details



Order Details: 22  
Customer Ref: 22  
National Grid Reference: 33  
Slice: A  
Site Area (Ha): 1  
Search Buffer (m): 1

## Site Details



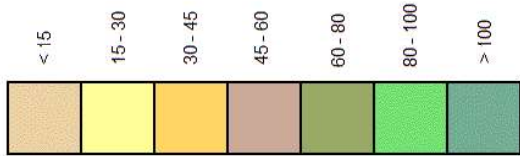
## General

Specified Site

Specified Site

## Estimated Soil Chemistry

Nickel Concentrations mg/kg



## Estimated Soil Chemistry



## Order Details

Order Details: 2  
Customer Ref: 2  
National Grid Reference: 3  
Slice: A  
Site Area (Ha): 1  
Search Buffer (m): 1

## Site Details

For ease of identification, your site is divided into Segments and Quadrants. These are explained further below.

**Slice**

Each slice represents a 1:10,000 p buffer. A large site and buffer may be by a red outline), that are referenced by the bottom left corner of the slice. Grid lines but is designed to give b

**Segment**

A segment represents a 1:2,500 p associated with them are shown in numbered from the bottom left hand

**Quadrant**

A quadrant is a quarter of a segment SE and are referenced in the data on plots. Therefore a feature that in Slice A, Segment 7 and the NW

A selection of organisations who p



Envirocheck reports are compiled

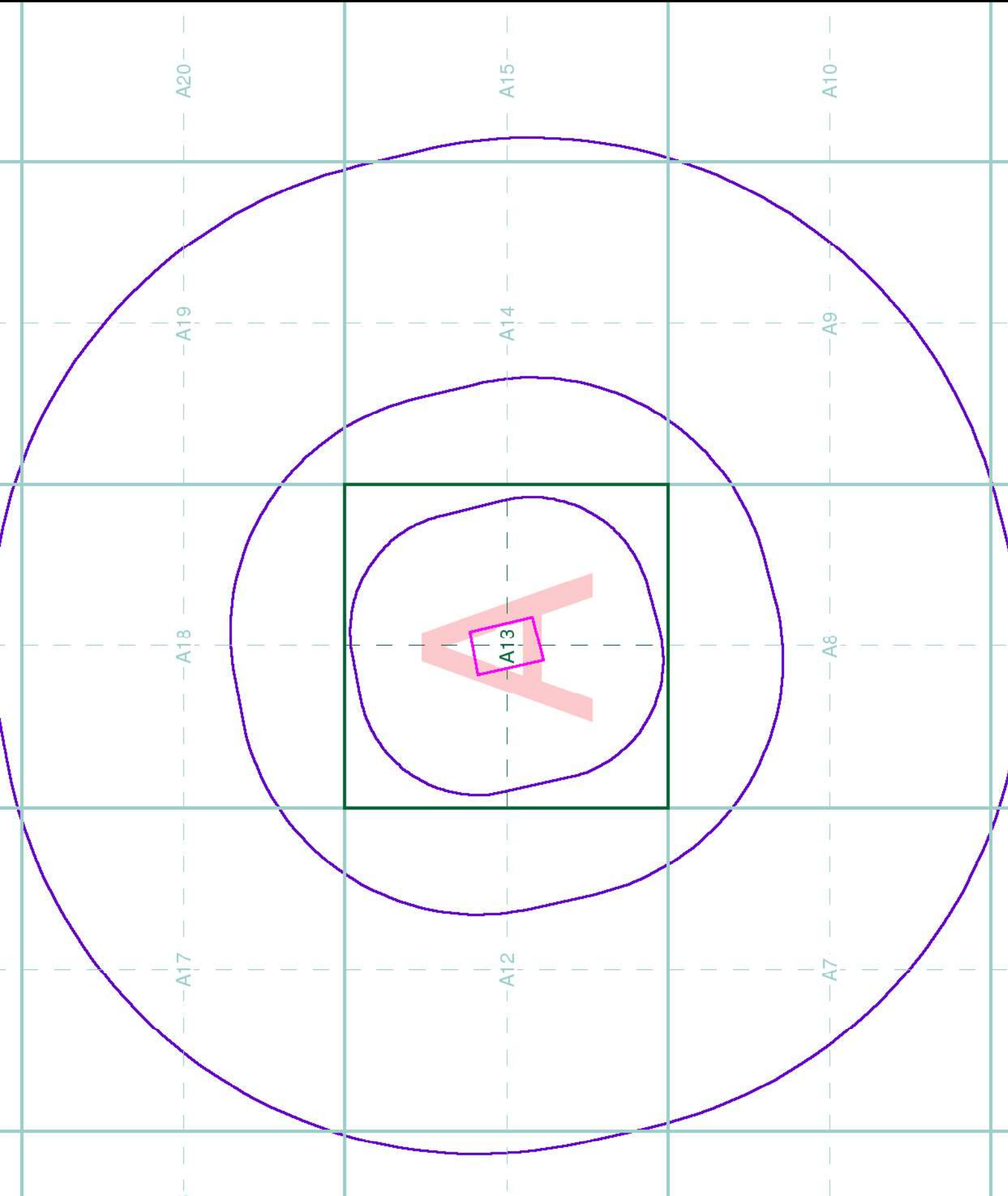
**Client Details**

Mr M Scott, GroundSolve Ltd  
Chester Road, Breiton, Fli

**Order Details**

|                          |   |
|--------------------------|---|
| Order Number:            | 2 |
| Customer Ref:            | 2 |
| National Grid Reference: | 3 |
| Site Area (Ha):          | 1 |
| Search Buffer (m):       | 1 |

**Site Details**



**APPENDIX C**  
**CON29M Report**



The Coal  
Authority

Resolving the **impacts** of mining

# CON29M Non-Residential Mining Report

LAND AT WYNNSTAY  
TECHNOLOGY PARK  
RUABON  
WREXHAM  
LL14 6EN

Date of enquiry: 30 November 2018  
Date enquiry received: 30 November 2018  
Issue date: 30 November 2018

Our reference: 61002370720001  
Your reference: WFC:GRA221/3



# CON29M Non-Residential Mining Report

This report is based on, and limited to, the records held by the Coal Authority, at the time we answer the search.

## Client name

SearchFlow Limited

## Enquiry address

LAND AT WYNNSTAY, TECHNOLOGY PARK,  
RUABON, WREXHAM, LL14 6EN

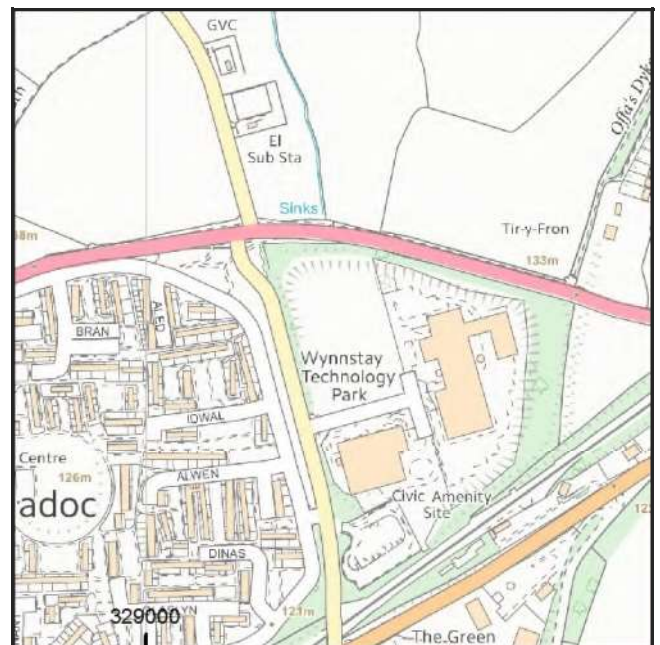
## How to contact us

0345 762 6848 (UK)  
+44 (0)1623 637 000 (International)

200 Lichfield Lane  
Mansfield  
Nottinghamshire  
NG18 4RG

[www.groundstability.com](http://www.groundstability.com)

 /company/the-coal-authority  
 /thecoalauthority  
 /coalauthority



Approximate position of property



Reproduced by permission of  
Ordnance Survey on behalf of  
HMSO. © Crown copyright and  
database right 2018. All rights  
reserved.

Ordnance Survey Licence number: 100020315

# Summary

| Has the search report highlighted evidence or potential of |                                            |     |
|------------------------------------------------------------|--------------------------------------------|-----|
| 1                                                          | Past underground coal mining               | Yes |
| 2                                                          | Present underground coal mining            | No  |
| 3                                                          | Future underground coal mining             | Yes |
| 4                                                          | Mine entries                               | Yes |
| 5                                                          | Coal mining geology                        | No  |
| 6                                                          | Past opencast coal mining                  | No  |
| 7                                                          | Present opencast coal mining               | No  |
| 8                                                          | Future opencast coal mining                | No  |
| 9                                                          | Coal mining subsidence                     | No  |
| 10                                                         | Mine gas                                   | No  |
| 11                                                         | Hazards related to coal mining             | No  |
| 12                                                         | Withdrawal of support                      | No  |
| 13                                                         | Working facilities order                   | No  |
| 14                                                         | Payments to owners of former copyhold land | No  |

| Further recommended reports     |
|---------------------------------|
| Mine entry interpretive report  |
| Mine entry plan and data sheets |

**For detailed findings, please go to page 4.**

# Detailed findings

## 1. Past underground coal mining

The property is in a surface area that could be affected by underground mining in 6 seams of coal at 140m to 320m depth, and last worked in 1927.

Any movement in the ground due to coal mining activity associated with these workings should have stopped by now.

## 2. Present underground coal mining

The property is not within a surface area that could be affected by present underground mining.

## 3. Future underground coal mining

The property is not in an area where the Coal Authority has received an application for, and is currently considering whether to grant a licence to remove or work coal by underground methods.

The property is not in an area where a licence has been granted to remove or otherwise work coal using underground methods.

The property is not in an area likely to be affected from any planned future underground coal mining.

However, reserves of coal exist in the local area which could be worked at some time in the future.

No notices have been given, under section 46 of the Coal Mining Subsidence Act 1991, stating that the land is at risk of subsidence.

## 4. Mine entries

Within, or within 20 metres of, the boundary of the property there is 1 mine entry, the approximate position of which is shown on the enquiry boundary plot.

Our records disclose the following information:

329343-194. This entry was initially filled with colliery shale by the owners circa 1970 to an unknown specification. In March 1990 Wrexham Maelor Borough Council provided information that they had treated and capped this shaft in accordance with British Coal recommendations. They state that 515 tonne of 9:1 PFA/OPC grout was pressure injected into the shaft fill. The shaft was then covered with a 9.6m X 9.6m X 600mm thick reinforced concrete cap situated in competent clay some 2.6m BGL. Level of top of cap is 121.15m A.O.D.

Mine entry 329343-194 was conveyed to Tsuda (UK) Co. Ltd in 1991.

For an additional fee, the Coal Authority can provide a Mine Entry Interpretive Report. The report will provide a separate assessment for the mine entry/entries referred to in this report. It gives an opinion on the likelihood of mining subsidence damage caused from ground movement as a consequence of the mine entry/entries. It also gives details of the remedies available for subsidence damage where the mine entry was sunk in connection with coal mining.

Please note that it may not be possible to produce a report if the main building to the property cannot be identified from Coal Authority plans (ie for development sites and new build).

For further advice on how to order this additional information please visit [www.groundstability.com](http://www.groundstability.com).

## **5. Coal mining geology**

The Coal Authority is not aware of any damage due to geological faults or other lines of weakness that have been affected by coal mining.

## **6. Past opencast coal mining**

The property is not within the boundary of an opencast site from which coal has been removed by opencast methods.

## **7. Present opencast coal mining**

The property does not lie within 200 metres of the boundary of an opencast site from which coal is being removed by opencast methods.

## **8. Future opencast coal mining**

There are no licence requests outstanding to remove coal by opencast methods within 800 metres of the boundary.

The property is not within 800 metres of the boundary of an opencast site for which a licence to remove coal by opencast methods has been granted.

## **9. Coal mining subsidence**

The Coal Authority has not received a damage notice or claim for the subject property, or any property within 50 metres of the enquiry boundary, since 31 October 1994.

There is no current Stop Notice delaying the start of remedial works or repairs to the property.

The Coal Authority is not aware of any request having been made to carry out preventive works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991.

## **10. Mine gas**

The Coal Authority has no record of a mine gas emission requiring action.

## **11. Hazards related to coal mining**

The property has not been subject to remedial works, by or on behalf of the Coal Authority, under its Emergency Surface Hazard Call Out procedures.

## **12. Withdrawal of support**

The property is not in an area where a notice to withdraw support has been given.

The property is not in an area where a notice has been given under section 41 of the Coal Industry Act 1994, cancelling the entitlement to withdraw support.

## **13. Working facilities order**

The property is not in an area where an order has been made, under the provisions of the Mines (Working Facilities and Support) Acts 1923 and 1966 or any statutory modification or amendment thereof.

## **14. Payments to owners of former copyhold land**

The property is not in an area where a relevant notice has been published under the Coal Industry Act 1975/Coal Industry Act 1994.

# Comments on the Coal Authority information

The Coal Authority own the copyright in this report and the information used is protected by our database right.

The boundary plot shows the approximate location of the disused mine entry/entries referred to in this report. For reasons of clarity, mine entry symbols may not be drawn to the same scale as the plan.

Property owners have the benefit of statutory protection (under the Coal Mining Subsidence Act 1991\*). This contains provision for the making good, to the reasonable satisfaction of the owner, of physical damage from disused coal mine workings including disused coal mine entries. A leaflet setting out the rights and obligations of either the Coal Authority or other responsible persons under the 1991 Act can be obtained by visiting [www.groundstability.com](http://www.groundstability.com).

If you wish to discuss the relevance of any of the information contained in this report, you should seek the advice of a qualified mining engineer or surveyor. If you or your advisor wish to examine the source plans from which the information has been taken, these are available to view, free of charge, at our Head Office in Mansfield. To book an appointment please ring 01623 637225. Should you or your advisor wish to carry out a physical investigation that may enter, disturb or interfere with any disused mine entry, prior permission of the owner must be sought. For coal mine entries, the owner will normally be the Coal Authority.

The Coal Authority, regardless of responsibility and in conjunction with other public bodies, provide an emergency call out facility in coalfield areas to assess the public safety implications of mining features (including disused mine entries). Our emergency telephone number is 01623 646333.

\*Note, this Act does not apply where coal was worked or gotten by virtue of the grant of a gale in the Forest of Dean, or any other part of the Hundred of St. Briavels in the county of Gloucester.

In view of the mining circumstances a prudent developer would seek appropriate technical advice before any works are undertaken.

Therefore if development proposals are being considered, technical advice relating to both the investigation of coal and former coal mines and their treatment should be obtained before

beginning work on site. All proposals should apply good engineering practice developed for mining areas. No development should be undertaken that intersects, disturbs or interferes with any coal or mines of coal without the permission of the Coal Authority. Developers should be aware that the investigation of coal seams/former mines of coal may have the potential to generate and/or displace underground gases and these risks both under and adjacent to the development should be fully considered in developing any proposals. The need for effective measures to prevent gases entering into public properties either during investigation or after development also needs to be assessed and properly addressed. This is necessary due to the public safety implications of any development in these circumstances.

## Additional remarks

Information provided by the Coal Authority in this report is compiled in response to the Law Society's CON29M Coal Mining enquiries. The said enquiries are protected by copyright owned by the Law Society of 113 Chancery Lane, London WC2A 1PL. This report is prepared in accordance with the Law Society's Guidance Notes 2018, the User Guide 2006 and the Coal Authority's Terms and Conditions applicable at the time the report was produced.

## Disclaimer

The Coal Authority owns the copyright in this report and the information used to produce this report is protected by our database rights. All rights are reserved and unauthorised use is prohibited. If we provide a report for you, this does not mean that copyright and any other rights will pass to you. However, you can use the report for your own purposes.

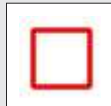
## Alternative formats

If you would like this report in an alternative format, please contact our communications team.

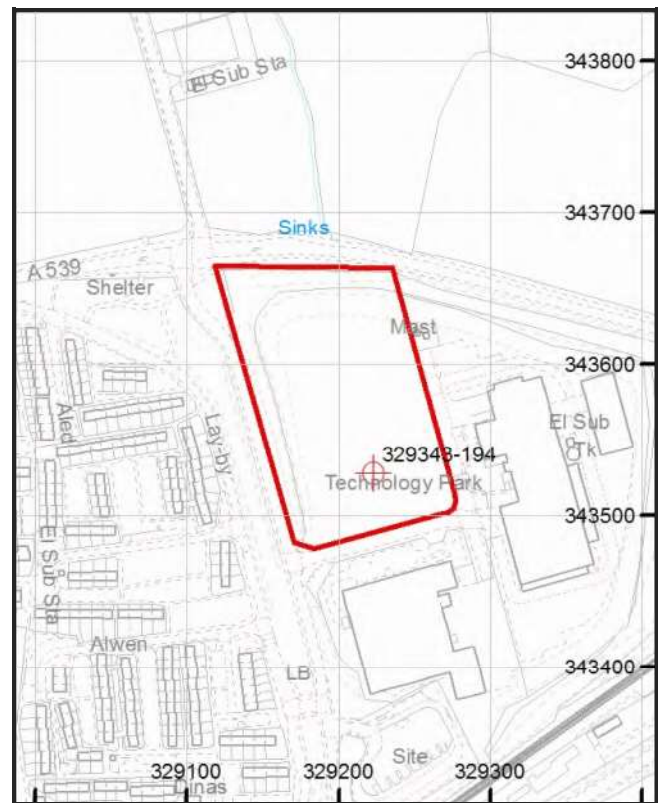
# Enquiry boundary

## Key

Approximate position of enquiry boundary shown



Disused mineshaft



## How to contact us

0345 762 6848 (UK)  
+44 (0)1623 637 000 (International)

200 Lichfield Lane  
Mansfield  
Nottinghamshire  
NG18 4RG

[www.groundstability.com](http://www.groundstability.com)

 /company/the-coal-authority

 /thecoalauthority

 /coalauthority



Reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database right 2018. All rights reserved.

Ordnance Survey Licence number: 100020315

## **APPENDIX D**

### **BGS Boreholes**



44-2.TIF

|                            |                                                                        |     |      |       |
|----------------------------|------------------------------------------------------------------------|-----|------|-------|
| Drift: 63                  | Clay, sand & gravel                                                    | ... | 63   | 63    |
| U.C.M. (Ruabon Marl): 431½ | Dark red clay with red & white clunch & rock                           | ... | 431½ | 494½  |
|                            | Mainly dark shale & clunch with fireclays, coal seams & ironstone beds | ... | 263½ | 758   |
| M.C.M. 1,043½              | Cefn Rock: White rock with water                                       | ... | 90   | 818   |
|                            | Dark shale, clunch & metal with coal seams & ironstone beds            | ... | 690  | 1,538 |

SJ24/44

38. (121/35S.W./2). Ruabon: Wynnstay Colliery, No. 2. Shaft, 1,000 yds. S.W. of Ruabon Church. Mineral shaft.  
Ref. Wrexham Mem. II, p.202. Surface 397 O.D. Shaft 1,244. (1856).

|               |                                                                        |     |        |       |
|---------------|------------------------------------------------------------------------|-----|--------|-------|
| Drift: 46½    | Soil, sand & gravel                                                    | ... | 46½    | 46½   |
|               | Grey blue rock & 'metal'                                               | ... | 28½    | 74½   |
| M.C.M. 1,197½ | Cefn Rock: Freestone                                                   | ... | 91     | 165½  |
|               | Dark grey shale & 'metal' with fireclays & many coal & ironstone seams | ... | 1,078½ | 1,244 |

39. (121/35N.E./3). Eyton: Crymbal Farm, Park Eyton, 2 miles E.N.E. of Ruabon church.  
Surface c.290 O.D. Shaft 24. Bore 24-46. Lining tubes 15-46½ x 3 in. R.W.L. 18. Yield 18 g.p.h. (Wyatt, 1938).

|          |             |     |    |    |
|----------|-------------|-----|----|----|
| Drift 46 | No details  | ... | 24 | 24 |
|          | Sand & clay | ... | 22 | 46 |

40. (121/35S.E./1). Ruabon: Wynnstay Park, 440 yds. E.N.E. of Wynnstay Hall.  
Surface c.410 O.D. Bore 280. Lining tubes to 90 x 10 in.; 90-122 x 8 in. R.W.L. 26. Yield 2,000 g.p.h. (Wyatt, 1942).

|                                  |                        |     |     |     |
|----------------------------------|------------------------|-----|-----|-----|
| U.C.M. (Coed-yr-wallt Beds): 124 | Brown & Blue marl      | ... | 80  | 80  |
|                                  | Grey & brown sandstone | ... | 44  | 124 |
| U.C.M. (Ruabon Marl): 156        | Mainly brown marl      | ... | 156 | 280 |

41. (121/36N.W./1). Erbistock: Overton Bridge, 2,000 yds. N. of Erbistock Church.  
Surface c.110 O.D. Shaft 9½. Bore 9½-30 x 6 in. (Wyatt, 1937)

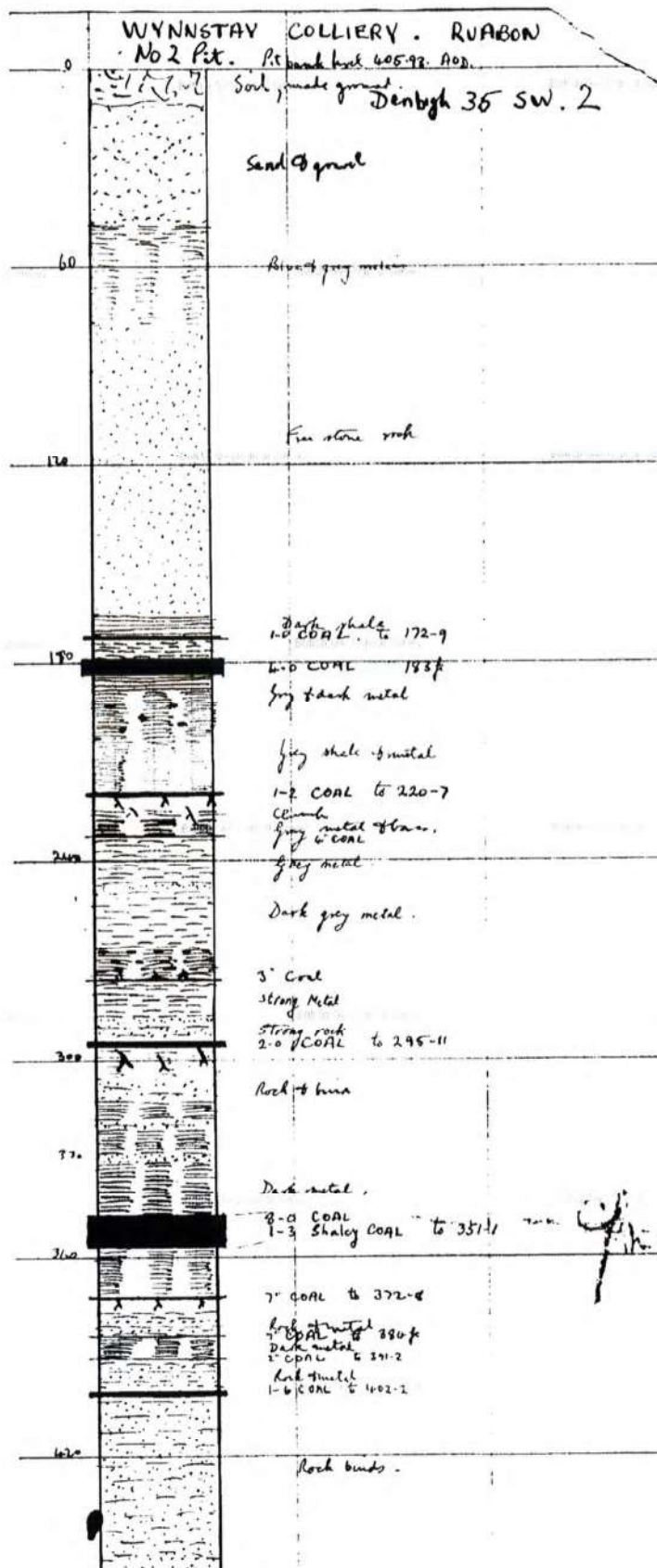
|          |               |     |     |    |
|----------|---------------|-----|-----|----|
| Drift 30 | No details    | ... | 9½  | 9½ |
|          | Gravel & clay | ... | 20½ | 30 |

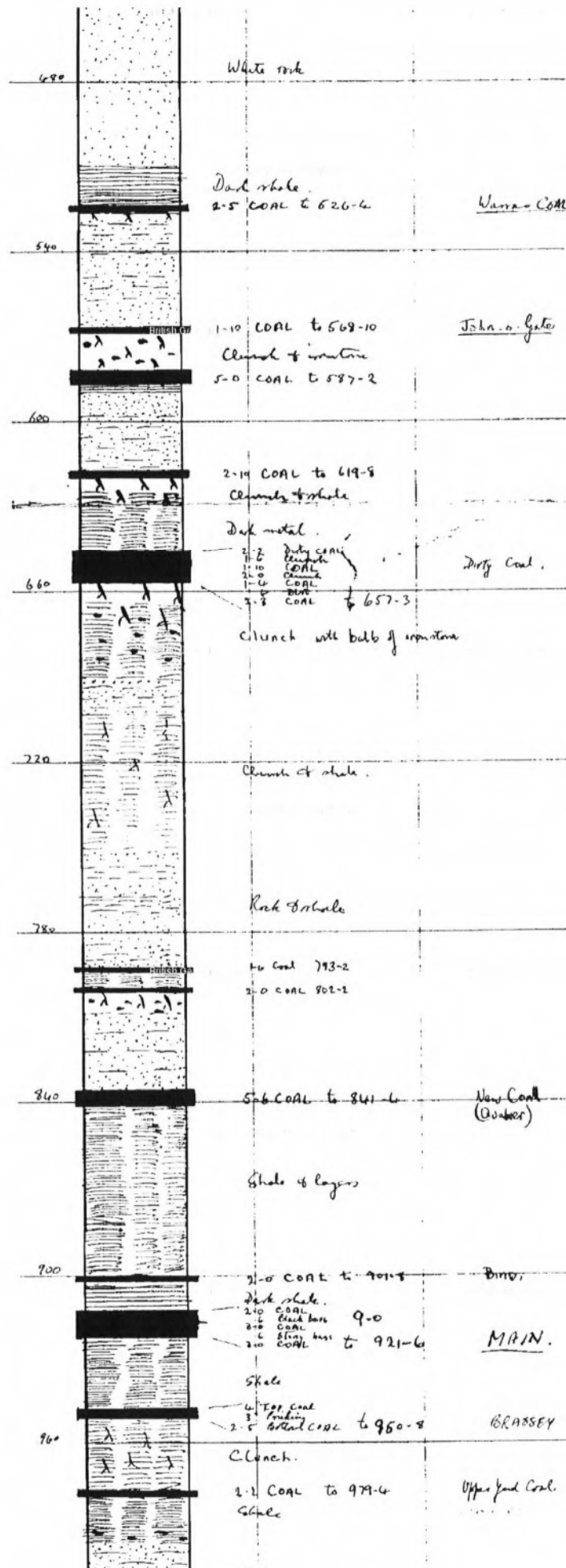
42. (121/36N.W./2). Overton. Exact site unknown.  
Surface c.200 O.D. Bore 340½. (Thom, 1919).

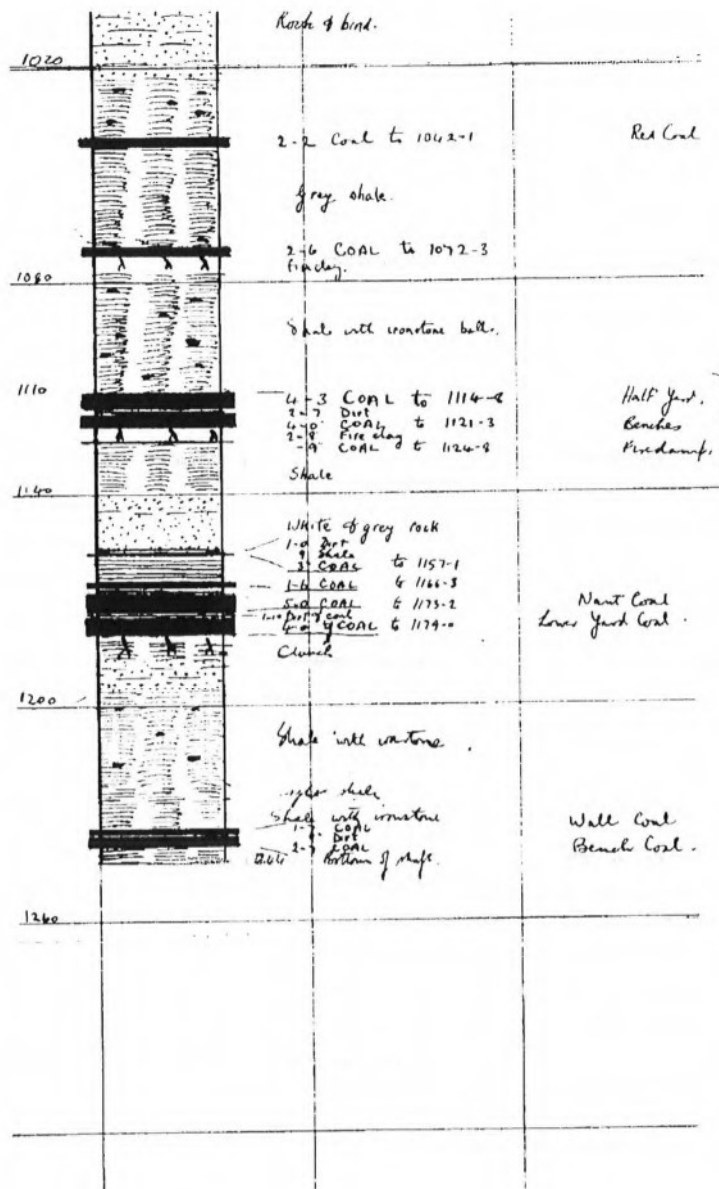
|        |                                |     |      |      |
|--------|--------------------------------|-----|------|------|
| Drift  | Clay, sand & gravel            | ... | 198  | 198  |
| L.M.S. | Red sandstone with grey layers | ... | 142½ | 340½ |

43. (121/40N.W./1). Chirk: R.D.C. Bores, (formerly Chirk Water Co.), 380 yds. N.W. of New Hall. Public supply for Chirk Rural District Council.  
Surface c.550 O.D. Two bores.

(a). No. 1 Bore: Ref. Wrexham Mem. II, p.205. Bore 300 x 8 in. to 3 in. Lining tubes to 180. R.W.L. overflows. Yield (1933) 1,200 to 3,500 g.p.h. Yield (1934) 24,000 g.p.d. (1912).  
(b). No. 2 Bore: Bore 581½. Yield (overflows) 200 g.p.h. Anal. Hardness 17.0. (P. 8.6: T. 8.4). (Brydon, 1935).











**British  
Geological Survey**

NATURAL ENVIRONMENT RESEARCH COUNCIL

BGS ID: 20308590 : BGS Reference: SJ24SE689

British National Grid (27700) : 329251,343620

[Report an issue with this borehole](#)

<< < Prev Page 1 of 4 ∨ Next > >>

---

## **APPENDIX E**

### **Previous Investigation GSL**

## TRIAL PIT 1

NGR: 329240, 343525

| Depth (m)    | Strata                                                                                                                                                                                                     |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0.00 – 0.12m | Grass over loose dark brown black slightly gravelly SAND. Gravel is fine to medium sub-angular to angular of brick and mudstone (MADE GROUND)                                                              |
| 0.12 – 0.40m | Very stiff orangish brown slightly sand gravelly CLAY. Gravel is fine to coarse sub-angular to angular of mudstone and Coal. (MADE GROUND -Colliery Spoil))                                                |
| 0.40 – 1.10m | Very dense dark grey slightly sandy clayey fine to coarse sub-angular to angular GRAVEL of mudstone with high cobble content. Cobbles are sub-angular to angular of mudstone. (MADE GROUND-Colliery Spoil) |

## Notes

1. Pit sides stable,
2. Dimensions 1.20m x 0.70m,
3. Final Depth 1.1m (Terminated due to density) reattempted as TP1A,
4. No groundwater encountered,

TP1



Trial pit 1 - Spoil



## TRIAL PIT 1A

NGR: 329247, 343532

| Depth (m)    | Strata                                                                                                                                                                                                                             |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0.00 – 0.20m | Grass over loose black gravelly SAND. Gravel is fine to medium sub-angular to angular of mudstone. (MADE GROUND – Colliery Spoil))                                                                                                 |
| 0.20 – 2.00m | Loose orangish brown very gravelly SAND. Gravel is fine to coarse sub-angular to angular of mudstone, sandstone and brick, with occasional lenses (0.10 x 0.60m) of soft brown sandy gravelly clay. (MADE GROUND – Colliery Spoil) |

## Notes

1. Pit sides stable,
2. Dimensions 1.30m x 0.70m,
3. No groundwater encountered

TP1A



TP1A - Spoil



## TRIAL PIT 2

NGR: 329250, 343552

| Depth (m)    | Strata                                                                                                                                                                                               |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0.00 – 0.30m | Grass over loose black slightly gravelly SAND. Gravel is fine to medium sub-angular to angular of mudstone. (MADE GROUND – Colliery Spoil)                                                           |
| 0.30 - 2.10  | Loose orangish brown sandy fine to coarse sub-angular to angular GRAVEL of mudstone and burnt Shale. (MADE GROUND – Colliery Spoil)                                                                  |
| 2.10 – 2.30m | Soft black sandy gravelly CLAY. Gravel is fine to coarse sub-angular to angular of mudstone, burnt shale and brick. Occasional sub-angular cobbles of mudstone noted. (MADE GROUND – Colliery Spoil) |

## Notes

1. Pit sides unstable from 0.50m,
2. Dimensions 1.25m x 0.70m,
3. Groundwater not encountered.



TP2 - Spoil



## TRIAL PIT 3

NGR: 329218, 343605

| Depth (m)    | Strata                                                                                                                                                                                                       |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0.00 – 0.15m | Grass over loose dark brown sandy gravelly SILT. Gravel is fine to medium of mudstone with occasional rootlets. (MADE GROUND)                                                                                |
| 0.15 – 1.80m | Loose dark grey sandy fine to coarse sub-angular to angular GRAVEL of mudstone and burnt Shale. Occasional sub-rounded to sub-angular cobbles of mudstone noted. (MADE GROUND – Colliery Spoil)              |
| 1.80 – 2.00m | Very dense black slightly sandy fine to coarse sub-angular to angular GRAVEL of Carbonaceous mudstone and coal. Occasional sub-rounded cobbles of Carbonaceous mudstone noted (MADE GROUND – Colliery Spoil) |

## Notes

1. Pit sides stable,
2. Dimensions 1.30m x 0.70m,
3. Final Depth 1.80m (unable to progress further due to machine size.)
4. No groundwater encountered.

TP3



TP3 – Spoil



## TRIAL PIT 4

NGR: 329218, 343605

| Depth (m)    | Strata                                                                                                                                                                                                                                                                    |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0.00 – 1.70m | Dense becoming loose at 0.70m and then very dense from 1.20m light grey slightly sandy fine to coarse sub-angular to angular GRAVEL of mudstone with high cobble/boulder content. Cobbles/Boulders are sub-angular to angular of mudstone. (MADE GROUND – Colliery Spoil) |
| 1.70 – 1.90m | Firm dark grey silty slightly sandy slightly gravelly CLAY. Gravel is fine sub-rounded to rounded of mudstone and coal. Occasional organic content noted (MADE GROUND – Colliery Spoil)                                                                                   |

## Notes

1. Pit sides stable,
2. Dimensions 1.20m x 0.70m,
3. Groundwater not encountered.

TP4



TP4 – Spoil



TP4 – Mudstone boulders



## **APPENDIX F**

### **Trial Pit Logs**

## TRIAL PIT 1

| Depth (m)    | Strata                                                                                                                                  |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| 0.00 – 1.00m | Loose dark brown to black sandy angular to subangular fine to coarse GRAVEL of mudstone and burnt shale. (MADE GROUND – Colliery Shale) |
| 1.00 – 1.30m | Very dense black sandy angular to subangular fine to coarse GRAVEL of mudstone and brick. (MADE GROUND -Colliery Spoil)                 |
| 1.30 – 1.80m | Firm to stiff dark grey to black slightly sandy CLAY (GLACIAL TILL)                                                                     |
| 1.80 – 3.00m | Stiff light grey sandy gravelly CLAY Gravel is subrounded to rounded fine to coarse of sandstone. (GLACIAL TILL)                        |

### Notes

1. Pit sides unstable,
2. No groundwater encountered.

Trial pit 1 - Spoil



TP1



## TRIAL PIT 2

| Depth (m)    | Strata                                                                                                                                       |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| 0.00 – 1.80m | Scrub over loose reddish brown to light brown sandy angular to subangular GRAVEL of mudstone and burnt shale. (MADE GROUND – Colliery Spoil) |
| 1.80 - 2.10m | Firm to stiff black slightly sandy CLAY. (GLACIAL TILL)                                                                                      |
| 2.10 – 2.50m | Dense green clayey slightly gravelly fine to coarse SAND. Gravel is subangular to subrounded fine to coarse of sandstone. (GLACIAL DEPOSITS) |

### Notes

1. Pit sides unstable from 1.50m,
2. Hole terminated at 2.50m due to sides collapsing,
3. Groundwater not encountered.

### Trial Pit 2 - Spoil



**Trial Pit 2**

