

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
40	River Quality Chemistry Sampling Points Name: Nant Morlais Reach: Confluence Goitre Brook To Headwaters Estimated Distance: 2.40 Objective: Not Supplied Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1994 GQA Grade: River Quality Chemistry GQA Grade E - Poor Compliance: Not Supplied Year: 1995 GQA Grade: River Quality Chemistry GQA Grade E - Poor Compliance: Not Supplied Year: 1996 GQA Grade: River Quality Chemistry GQA Grade E - Poor Compliance: Not Supplied Year: 1997 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1998 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1999 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2000 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2001 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2002 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2003 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2004 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2005 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2006 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2007 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 2008 GQA Grade: River Quality Chemistry GQA Grade E - Poor Compliance: Not Supplied Year: 2009 GQA Grade: River Quality Chemistry GQA Grade E - Poor Compliance: Not Supplied	A17SE (NW)	817	4	304909 206459
41	Substantiated Pollution Incident Register Authority: Natural Resources Wales Incident Date: 5th February 2007 Incident Reference: 467094 Water Impact: Category 4 - No Impact Air Impact: Category 2 - Significant Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Atmospheric Pollutants And Effects: Landfill Odour	A14SW (SE)	457	2	306007 205766
42	Substantiated Pollution Incident Register Authority: Natural Resources Wales Incident Date: 4th September 2013 Incident Reference: 1155986 Water Impact: Category 4 - No Impact Air Impact: Category 4 - No Impact Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Inert : Construction / Demolition Material Pollutant: Inert Materials And Wastes: Soils And Clay Pollutant: Other Pollutant Pollutant: Specific Waste Materials: Household Waste Pollutant: Specific Waste Materials: Tyres	A14SE (E)	821	2	306409 205887

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43	Water Abstractions Operator: P Forker Contractors Limited Licence Number: 21/57/22/0037 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, Welsh Region Abstraction: General Industrial Abstraction Type: Not Supplied Source: River Daily Rate (m3): 300 Yearly Rate (m3): 15000 Details: River Taff Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A12NW (W)	865	4	304700 206050
	Water Abstractions Operator: TBS (South Wales) Ltd Licence Number: 21/57/22/0035 Permit Version: 100 Location: Borehole At Tbs (South Wales) Ltd Authority: Environment Agency, Welsh Region Abstraction: Other Industrial/Commercial/Public Services: General Washing/Process Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Borehole - Depth 93 M Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 14th October 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A2NE (S)	1317	4	305190 204690
	Water Abstractions Operator: Hoover Plc Licence Number: 21/57/22/0025 Permit Version: 100 Location: Nant Canaid At Glyn-Dyrys Authority: Natural Resources Wales Abstraction: Machinery And Electronics: General Use (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Nant Canaid Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 30th October 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A2NE (S)	1392	2	305160 204620
	Water Abstractions Operator: Hoover Plc Licence Number: 21/57/22/0025 Permit Version: 100 Location: Nant Canaid At Glyn-Dyrys Authority: Natural Resources Wales Abstraction: Machinery And Electronics: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Licenced from 01-Jan to 31-Dec Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 30th October 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A2NE (S)	1397	2	305160 204615
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise Map Sheet: Sheet 36 Mid Glamorgan Scale: 1:100,000	A13SE (W)	0	4	305577 205962

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	Drift Deposits Drift Deposit: Low permeability drift deposits occurring at the surface and overlying Major and Minor Aquifers are head, clay-with-flints, brickearth, peat, river terrace deposits and marine and estuarine alluvium Map Sheet: Sheet 36 Mid Glamorgan Scale: 1:100,000	A13SE (W)	0	4	305577 205962
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SE (W)	0	5	305577 205962
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	A13SE (W)	0	5	305577 205962
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
44	Detailed River Network Lines River Type: Tertiary River River Name: Drain Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Drain (ditch, Reen, Rhyne, Drain) Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13NE (E)	300	4	305886 206017
45	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Drain Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Drain (ditch, Reen, Rhyne, Drain) Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13NE (E)	300	4	305886 206017
46	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Drain Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Drain (ditch, Reen, Rhyne, Drain) Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13NE (E)	305	4	305892 206013

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
47	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Drain Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Drain (ditch, Reen, Rhyne, Drain) Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13NE (E)	305	4	305892 206013
48	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A14NW (E)	353	4	305929 206067
49	Detailed River Network Lines River Type: Tertiary River River Name: Drain Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Drain (ditch, Reen, Rhyne, Drain) Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A14SW (E)	364	4	305942 205859
50	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A14SW (E)	364	4	305942 205859
51	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A14NW (E)	374	4	305953 206059
52	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Drain Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Drain (ditch, Reen, Rhyne, Drain) Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A14SW (SE)	383	4	305938 205794

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53	Detailed River Network Lines River Type: Tertiary River River Name: Drain Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Drain (ditch, Reen, Rhyne, Drain) Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13SE (SE)	427	4	305890 205648
54	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Drain Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Drain (ditch, Reen, Rhyne, Drain) Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13SE (SE)	427	4	305891 205649
55	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A14SW (E)	431	4	306021 205931
56	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Drain Hydrographic Area: D008 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Drain (ditch, Reen, Rhyne, Drain) Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13SE (SE)	434	4	305882 205632
	Detailed River Network Offline Drainage None				

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57	Historical Landfill Sites Licence Holder: Mr and Mrs Mahoney Location: Ysgubor Newydd, Merthyr Tydfil Name: Pencoedcae Farm Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD14538 First Input Date: 31st December 1974 Last Input Date: 31st December 1992 Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6925/0023 BGS Ref: Not Supplied Other Ref: 4	A9NW (SE)	742	2	306247 205607
58	Historical Landfill Sites Licence Holder: Roy Thomas Location: Merthyr Tydfil Name: Bogey Road Tip Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD14534 First Input Date: 31st December 1980 Last Input Date: 31st December 1985 Specified Waste: Deposited Waste included Inert, Industrial, Commercial, Household and Type: Special Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6925/0004 BGS Ref: Not Supplied Other Ref: Not Supplied	A14SE (E)	829	2	306418 205903
59	Historical Landfill Sites Licence Holder: Not Supplied Location: Bogey Road, Mountain Hare, Merthyr Tydfil Name: Incline Side Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD14982 First Input Date: 31st December 1989 Last Input Date: 31st December 1990 Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6925/0018 BGS Ref: Not Supplied Other Ref: Not Supplied	A14SE (E)	978	2	306569 205937
60	Licensed Waste Management Facilities (Landfill Boundaries) Name: Ael Y Bryn Landfill Licence Number: 30017 Location: Ael Y Bryn Landfill, Mountain Hare Road, Mountain Hare, Merthyr Tydfil, Glamorgan, CF47 0LH Licence Holder: Hurley T Authority: Natural Resources Wales Site Category: Landfills Taking Other Wastes (Construction, Demolition, Dredgings) Max Input Rate: Not Supplied Licence Status: Closure Issued: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A14SW (E)	600	2	306189 205918
61	Licensed Waste Management Facilities (Landfill Boundaries) Name: Pencoedcae Farm Landfill Licence Number: 30126 Location: Pencoedcae Farm Landfill, Cwmblacs Slip Road, Cwmblacs, Merthyr Tydfil, Glamorgan, CF48 4AJ Licence Holder: Harris Andrew Authority: Natural Resources Wales Site Category: Landfills Taking Other Wastes (Construction, Demolition, Dredgings) Max Input Rate: Not Supplied Licence Status: Closure Issued: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A9NE (SE)	744	2	306257 205622

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62	Licensed Waste Management Facilities (Locations) Licence Number: 30126 Location: Pencoedcae Farm Landfill, Cwmblacs Slip Road, Cwmblacs, Merthyr Tydfil, Glamorgan, CF48 4AJ Operator Name: Harris Andrew Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Landfills Taking Other Wastes (Construction, Demolition, Dredgings) Licence Status: Closed Issued: 18th May 1994 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A9NE (SE)	748	2	306260 205620
63	Licensed Waste Management Facilities (Locations) Licence Number: 30017 Location: Ael Y Bryn Landfill, Mountain Hare Road, Mountain Hare, Merthyr Tydfil, Glamorgan, CF47 0LH Operator Name: Hurley T Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Landfills Taking Other Wastes (Construction, Demolition, Dredgings) Licence Status: Closed Issued: 21st March 1987 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14SE (E)	796	2	306385 205908
	Local Authority Landfill Coverage Name: Merthyr Tydfil County Borough Council - Has supplied landfill data		0	3	305577 205962
64	Local Authority Recorded Landfill Sites Location: Cwmbargoed Lower Reference: 111 Authority: Merthyr Tydfil County Borough Council, Environmental Health Department Last Reported Status: Closed Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A14NW (E)	651	3	306233 206066
65	Local Authority Recorded Landfill Sites Location: Pencoedcae Farm, Cwmblacs Reference: 103 Authority: Merthyr Tydfil County Borough Council, Environmental Health Department Last Reported Status: Closed Types of Waste: Not Supplied Date of Closure: 31/12/1983 Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A14SE (E)	762	3	306306 205689

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66	Registered Landfill Sites Licence Holder: T Hurley Licence Reference: 890056 Site Location: Ael Y Bryn Landfill, Mountain Hare, MERTHYR TYDFIL, Mid Glamorgan, CF47 0LH Licence Easting: 306300 Licence Northing: 205850 Operator Location: 20 Dyffryn Street, PONTLOTTYN, Mid Glamorgan, CF81 9RQ Authority: Environment Agency Wales, South East Area Site Category: Landfill Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Operational as far as is known Dated: 1st May 1990 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Brick Max. Waste Permitted By Licence Soil, Subsoil, Excav/N Waste Prohibited Waste: Any Substances In Eec Dir. 80/68 Biodegradable Waste Flammable Liquids Percussive/Explosive/Similar Waste Poisonous, Noxious, Polluting Wastes Pumpable Sludges (< 20% Dry Solids) Sub'S Control. Radioactive Subs Act'60 Waste In Sealed Drums Waste N.O.S.	A14SE (E)	717	4	306300 205850
67	Registered Landfill Sites Licence Holder: Mr & Mrs Mahoney Licence Reference: 4 Site Location: Pencoedcae Farm, Cwmblacks, Mountain Hare, Merthyr Tydfil, Mid Glamorgan Licence Easting: 306340 Licence Northing: 205680 Operator Location: As Site Address Authority: Environment Agency Wales, South East Area Site Category: Landfill Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrendered Dated: 1st September 1979 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Commercial Waste Construction And Demolition Wastes Excavated Natural Materials \$ Ind. Non-Haz. Inert, Non-Flammable Ind. Non-Haz. Non-Toxic Waste Mine And Quarry Wastes	A14SE (E)	798	4	306340 205680

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	BGS 1:625,000 Solid Geology Description: Pennine Lower Coal Measures Formation And South Wales Lower Coal Measures Formation (Undifferentiated)	A13SE (W)	0	5	305577 205962
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13SE (W)	0	5	305577 205962
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13NE (N)	27	5	305577 206000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 25 - 35 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13SW (W)	235	5	305328 205944
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 25 - 35 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13NW (W)	241	5	305323 206000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A14SW (E)	409	5	306000 205962
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A14NW (E)	412	5	306000 206000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A12SE (SW)	491	5	305125 205736
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 35 - 45 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A12SE (W)	497	5	305077 205856
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 35 - 45 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A12NE (W)	515	5	305048 206000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 35 - 45 mg/kg Concentration: Cadmium: 1.8 - 2.2 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A7NE (SW)	561	5	305217 205512
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 35 - 45 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A12SE (W)	561	5	305000 205962
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 35 - 45 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A12NE (W)	562	5	305000 206000

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	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A12SE (W)	569	5	305000 205873
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A9NW (SE)	604	5	306008 205517
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A9NW (SE)	609	5	306000 205503
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A9NW (SE)	680	5	306000 205411
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A9NW (SE)	696	5	306195 205609
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A12NW (W)	749	5	304814 206000

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	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 35 - 45 mg/kg Concentration: Cadmium: 1.8 - 2.2 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A7NE (SW)	766	5	304972 205468
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 35 - 45 mg/kg Concentration: Cadmium: 1.8 - 2.2 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A7NE (SW)	767	5	305000 205434
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A14NE (E)	778	5	306367 206000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A9SW (SE)	783	5	306000 205286
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A9NW (SE)	791	5	306018 205288
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A9SW (SE)	809	5	306000 205255

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	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A9SW (SE)	822	5	305988 205234
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A12SW (W)	823	5	304773 205732
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 25 - 35 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A12SW (W)	823	5	304771 205737
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 25 - 35 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A17SE (NW)	830	5	304949 206527
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A18NW (N)	846	5	305330 206781
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 25 - 35 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A17SE (NW)	855	5	305000 206612

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A9NW (SE)	863	5	306227 205371
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 25 - 35 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A12NW (W)	915	5	304647 206000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A8SE (S)	952	5	305577 205000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A12NW (W)	953	5	304609 206000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 35 - 45 mg/kg Concentration: Cadmium: 1.8 - 2.2 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A8SW (S)	954	5	305509 205000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A18NW (N)	959	5	305420 206919

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 35 - 45 mg/kg Concentration: Cadmium: 1.8 - 2.2 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A8SW (S)	970	5	305379 205000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A8SE (S)	991	5	305862 205000
68	BGS Recorded Mineral Sites Site Name: Thomas Town Location: , Thomas Town, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 9029 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	351	5	305375 206265
69	BGS Recorded Mineral Sites Site Name: Trebeddau Level Location: , Mouountain Hare, Dowlais, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90895 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A14SW (SE)	400	5	305960 205800
70	BGS Recorded Mineral Sites Site Name: Pant-Y-Ffyn Coal Level Location: , Dowlais, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90899 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	416	5	305845 206300
71	BGS Recorded Mineral Sites Site Name: Garw Pit Location: , Dowlais, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90896 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A18SE (NE)	422	5	305785 206345

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
72	BGS Recorded Mineral Sites Site Name: Pen-Yr-Heol Ironstone Level Location: , Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125689 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A14SW (E)	454	5	306044 205940
73	BGS Recorded Mineral Sites Site Name: Trebeddau Location: , Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125688 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A14SW (SE)	511	5	306032 205696
74	BGS Recorded Mineral Sites Site Name: Trebeddau Location: , Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125690 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	583	5	306052 205597
75	BGS Recorded Mineral Sites Site Name: Lodge Pit Location: , Dowlais, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90897 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A18SE (N)	612	5	305790 206550
76	BGS Recorded Mineral Sites Site Name: Cwm Blacks Workings Location: Cwm Blacks, Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90894 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	621	5	306035 205520
76	BGS Recorded Mineral Sites Site Name: Cwm Blacks Workings Location: Cwm Blacks, Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90894 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	621	5	306035 205520

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
77	BGS Recorded Mineral Sites Site Name: Pant-Y-Ffyn Location: Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125695 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	715	5	306198 206347
78	BGS Recorded Mineral Sites Site Name: Coslet Pit Location: Mountain Hare, Dowlais, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90878 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A14NE (E)	730	5	306305 206115
79	BGS Recorded Mineral Sites Site Name: Cwm Blacks Level Location: Cwm Blacks, Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90891 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A8SE (SE)	748	5	305870 205260
79	BGS Recorded Mineral Sites Site Name: Cwm Blacks Workings Location: Cwm Blacks, Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90893 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A8SE (S)	764	5	305835 205230
79	BGS Recorded Mineral Sites Site Name: Cwm Blacks Workings Location: Cwm Blacks, Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90893 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A8SE (S)	764	5	305835 205230
80	BGS Recorded Mineral Sites Site Name: Pen-Yard Ironstone Workings Location: Dowlais, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90898 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A18NE (NE)	754	5	305885 206665

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
81	BGS Recorded Mineral Sites Site Name: Penrheol Ironstone Level Location: , Mountain Hare, Dowlais, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90879 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	758	5	306160 206470
82	BGS Recorded Mineral Sites Site Name: Cwm Blacks Pit Location: Cwm Blacks, Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90881 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	777	5	306170 205435
83	BGS Recorded Mineral Sites Site Name: Cwm Blacks Workings Location: Cwm Blacks, Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90892 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A8SE (S)	808	5	305805 205175
83	BGS Recorded Mineral Sites Site Name: Cwm Blacks Workings Location: Cwm Blacks, Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90892 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A8SE (S)	808	5	305805 205175
84	BGS Recorded Mineral Sites Site Name: Pen-Yard Location: Baden Terrace, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125676 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A18NE (N)	816	5	305683 206782
85	BGS Recorded Mineral Sites Site Name: Merthyr Common Coal Level Location: , Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90919 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	846	5	305985 205205

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
86	BGS Recorded Mineral Sites Site Name: Pencoedcae Level Location: Pencoedcae, Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90882 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A14SE (E)	847	5	306375 205635
86	BGS Recorded Mineral Sites Site Name: Pencoedcae Level Location: Pencoedcae, Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90882 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A14SE (E)	847	5	306375 205635
87	BGS Recorded Mineral Sites Site Name: Pen-Yard Location: Baden Terrace, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125679 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A18NE (N)	894	5	305700 206859
88	BGS Recorded Mineral Sites Site Name: Pen-Yard Location: Baden Terrace, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125678 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A18NE (N)	909	5	305696 206874
88	BGS Recorded Mineral Sites Site Name: Pen-Yard Location: Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125673 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A18NE (N)	913	5	305650 206883
89	BGS Recorded Mineral Sites Site Name: Rhyd-Y-Car Location: Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125648 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	912	5	304753 205539

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
90	BGS Recorded Mineral Sites Site Name: Prospect House Location: , Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125680 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A8SE (S)	939	5	305702 205021
90	BGS Recorded Mineral Sites Site Name: Clyn-Mil Drift Location: , Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90889 Type: Underground Status: Ceased Operator: Hill'S Plymouth Co Ltd Operator Location: Hill'S Plymouth Co Ltd, Plymouth House, Merthyr Tydfil, Glamorgan Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A8SE (S)	944	5	305630 205010
90	BGS Recorded Mineral Sites Site Name: Clyn-Mil Drift Location: , Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90888 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A8SE (S)	947	5	305670 205010
91	BGS Recorded Mineral Sites Site Name: Thomas Price Pit Location: , Mountain Hare, Dowlais, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90880 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A14NE (E)	960	5	306550 205990
92	BGS Recorded Mineral Sites Site Name: Ffros-Y-Fran Location: , Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125709 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A14SE (E)	964	5	306548 205843
93	BGS Recorded Mineral Sites Site Name: Penydarren No 2 Pit Location: , Dowlais, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90876 Type: Underground Status: Ceased Operator: Dowlais Iron Co Ltd Operator Location: Dowlais Iron Co Ltd, Dowlais, Merthyr Tydfil, Glamorgan Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	989	5	306490 206380

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
93	BGS Recorded Mineral Sites Site Name: Penyarden No 2 Pit Location: , Dowlais, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90876 Type: Underground Status: Ceased Operator: Dowlais Iron Co Ltd Operator Location: Dowlais Iron Co Ltd, Dowlais, Merthyr Tydfil, Glamorgan Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	989	5	306490 206380
94	BGS Recorded Mineral Sites Site Name: Rhyd-Y-Car Pit Location: , Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125650 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	989	5	304796 205331
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas 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.	A13SE (W)	0	6	305577 205962
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13SE (W)	0	-	305577 205962
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	5	305577 205962
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	5	305577 205962
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	5	305577 205962
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	201	5	305635 206167
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	5	305577 205962
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	5	305577 205962
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	5	305577 205962
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	5	305577 205962
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	5	305577 205962

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Radon Potential - Radon Affected Areas Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	5	305577 205962

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
95	Contemporary Trade Directory Entries Name: Conservatory Shine Location: 2, Parfitt Terrace, Merthyr Tydfil, Mid Glamorgan, CF47 0PL Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (SE)	99	-	305657 205880
96	Contemporary Trade Directory Entries Name: S & A Motor Services Location: Rear of ,Kingsley Ter, Merthyr Tydfil, Mid Glamorgan, CF47 0NR Classification: Garage Services Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A13NW (N)	116	-	305534 206080
97	Contemporary Trade Directory Entries Name: P & L Autos Location: Rear Of Kingsley Ter, Merthyr Tydfil, Mid Glamorgan, CF47 0NR Classification: Car Body Repairs Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A13NW (N)	127	-	305541 206094
97	Contemporary Trade Directory Entries Name: A M R Motors Location: Woodland Terrace, Merthyr Tydfil, Mid Glamorgan, CF47 0NL Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (N)	164	-	305534 206131
97	Contemporary Trade Directory Entries Name: Ray Evans & Son Location: Woodland Terrace, Merthyr Tydfil, Mid Glamorgan, CF47 0NL Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (N)	164	-	305534 206131
98	Contemporary Trade Directory Entries Name: T M S Location: 12, Woodland Place, Merthyr Tydfil, Mid Glamorgan, CF47 0NH Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	136	-	305464 206062
99	Contemporary Trade Directory Entries Name: A Class Cleaning Location: 78, Twynrydyn Road, Merthyr Tydfil, Mid Glamorgan, CF47 0PT Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (SW)	251	-	305334 205855
100	Contemporary Trade Directory Entries Name: Planet Wales Three Good Friends Location: 85, Glasier Road, Merthyr Tydfil, Mid Glamorgan, CF47 0SR Classification: Greeting Card Publishers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	266	-	305834 205845
101	Contemporary Trade Directory Entries Name: K.A.M. Cleaning Co Location: 1, Tydfil Villas, Courtland Terrace, Merthyr Tydfil, Mid Glamorgan, CF47 0DT Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	341	-	305221 205989
102	Contemporary Trade Directory Entries Name: Valley Pest Control Location: 16, Taff Glen View, Merthyr Tydfil, Mid Glamorgan, CF47 0TH Classification: Pest & Vermin Control Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (S)	349	-	305527 205605
103	Contemporary Trade Directory Entries Name: Dw Railway Location: 31, Trevithick Gardens, Merthyr Tydfil, Mid Glamorgan, CF47 0RP Classification: Railways Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (SW)	426	-	305171 205791
104	Contemporary Trade Directory Entries Name: Scotts Autotrade Location: 21, Plymouth Street, Merthyr Tydfil, Mid Glamorgan, CF47 0TT Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (SW)	466	-	305302 205568

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
105	Contemporary Trade Directory Entries Name: James Boulton Ltd Location: Dan-yr-Haul, Mountain Hare, Merthyr Tydfil, Mid Glamorgan, CF47 0LH Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14NW (E)	468	-	306055 206021
105	Contemporary Trade Directory Entries Name: Full Cycle Recycle Location: Transfer Station, Mountain Hare, Merthyr Tydfil, Mid Glamorgan, CF47 0LH Classification: Reclaiming - Waste Products Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A14NW (E)	481	-	306071 205984
106	Contemporary Trade Directory Entries Name: Green Engineering Services Location: 17, Hawthorn Drive, Merthyr Tydfil, Mid Glamorgan, CF47 0LZ Classification: Engineers - General Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (E)	478	-	306038 205784
107	Contemporary Trade Directory Entries Name: Ecas Systems Ltd Location: Unit 2, Plymouth Court, Warlow Street, Merthyr Tydfil, Mid Glamorgan, CF47 0YS Classification: Electrical Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	509	-	305189 205609
107	Contemporary Trade Directory Entries Name: Rheidol Services Ltd Location: Unit 4-5, Plymouth Court, Warlow Street, Merthyr Tydfil, Mid Glamorgan, CF47 0YS Classification: Electrical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	520	-	305190 205592
107	Contemporary Trade Directory Entries Name: Advanced Engineering Services (Wales) Ltd Location: Unit 4-5, Plymouth Court, Warlow Street, Merthyr Tydfil, Mid Glamorgan, CF47 0YS Classification: Tool Design, Manufacturers & Makers Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	520	-	305190 205592
107	Contemporary Trade Directory Entries Name: Read Industrial Doors Ltd Location: Unit 7-8, Plymouth Court, Warlow Street, Merthyr Tydfil, Mid Glamorgan, CF47 0YS Classification: Door Manufacturers - Industrial Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	538	-	305191 205565
107	Contemporary Trade Directory Entries Name: Read Industrial Doors Location: Unit 7-8, Plymouth Court, Warlow Street, Merthyr Tydfil, Mid Glamorgan, CF47 0YS Classification: Door Manufacturers - Industrial Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	538	-	305191 205565
108	Contemporary Trade Directory Entries Name: Twyn Launderette Location: Glasier Rd, Merthyr Tydfil, Mid Glamorgan, CF47 0TD Classification: Laundries & Launderettes Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A8NW (S)	515	-	305540 205438
109	Contemporary Trade Directory Entries Name: Jocks Joinery Location: Warlow St, Merthyr Tydfil, Mid Glamorgan, CF47 0YW Classification: Joinery Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8NW (SW)	522	-	305247 205538
110	Contemporary Trade Directory Entries Name: Tesco Petrol Filling Station Location: Tramroadside North, MERTHYR TYDFIL, Mid Glamorgan, CF47 0AL Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	542	-	305041 206117

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
111	Contemporary Trade Directory Entries Name: Simon Jones Cars Ltd Location: 3, Lower High Street, Merthyr Tydfil, Mid Glamorgan, CF47 8EB Classification: Car Dealers - Used Status: Active Positional Accuracy: Automatically positioned to the address	A12SE (SW)	548	-	305065 205729
111	Contemporary Trade Directory Entries Name: Merthyr Motor Co Location: Lower High Street, Merthyr Tydfil, Mid Glamorgan, CF47 8EB Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (SW)	570	-	305046 205719
111	Contemporary Trade Directory Entries Name: Car Care Location: Lower High St, Merthyr Tydfil, Mid Glamorgan, CF47 8EB Classification: Garage Services Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A12SE (SW)	595	-	305016 205723
111	Contemporary Trade Directory Entries Name: Ruggers Location: 19 Lower High St, Merthyr Tydfil, Mid Glamorgan, CF47 8EB Classification: Carpets & Rugs - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12SE (W)	602	-	305002 205740
112	Contemporary Trade Directory Entries Name: Homestyle By Fads Location: 1, Court Street, Merthyr Tydfil, Mid Glamorgan, CF47 8DU Classification: Wallpapers & Wall Coverings Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	553	-	305035 205795
113	Contemporary Trade Directory Entries Name: Russell Roberts Location: Ernest St, Merthyr Tydfil, Mid Glamorgan, CF47 0YP Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8NW (SW)	558	-	305256 205488
114	Contemporary Trade Directory Entries Name: Akwamasta Water Level - Bevan Products Location: Ty Coed, Penheolferthyr, Mountain Hare, Merthyr Tydfil, Mid Glamorgan, CF47 0LF Classification: Builders' Tools & Equipment Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (E)	579	-	306167 206014
115	Contemporary Trade Directory Entries Name: J C Plant Services Location: 30, Llwyn yr Eos Grove, Merthyr Tydfil, Mid Glamorgan, CF47 0GD Classification: Plant & Machinery Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (NE)	584	-	305814 206510
116	Contemporary Trade Directory Entries Name: Fragrance Shop Location: Unit 7a, Beacons Place Shopping Centre, Merthyr Tydfil, Mid Glamorgan, CF47 8DF Classification: Perfume Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	A12NE (W)	617	-	304958 206096
116	Contemporary Trade Directory Entries Name: Currys Location: 50, High Street, Merthyr Tydfil, Mid Glamorgan, CF47 8DE Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	620	-	304950 206070
117	Contemporary Trade Directory Entries Name: S A S Location: 28a, Ernest Street, Merthyr Tydfil, Mid Glamorgan, CF47 0YP Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (SW)	627	-	305329 205371

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
118	Contemporary Trade Directory Entries Name: Qwik Print Location: 139, High Street, Merthyr Tydfil, Mid Glamorgan, CF47 8DN Classification: Printers Textile Status: Inactive Positional Accuracy: Manually positioned to the address or location	A12NE (W)	643	-	304918 205976
119	Contemporary Trade Directory Entries Name: Brighthouse Location: 126, High Street, Merthyr Tydfil, Mid Glamorgan, CF47 8BT Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address	A12NE (W)	660	-	304919 206118
119	Contemporary Trade Directory Entries Name: The Electronic Cigarette Shop Location: Unit 19 St. Tydfil Sq Shopping Centre, Graham Way, Merthyr Tydfil, Mid Glamorgan, CF47 8EG Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Active Positional Accuracy: Manually positioned to the address or location	A12NW (W)	701	-	304876 206115
119	Contemporary Trade Directory Entries Name: R Hooper Location: 29, Market Square, Merthyr Tydfil, Mid Glamorgan, CF47 8DA Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	701	-	304876 206115
119	Contemporary Trade Directory Entries Name: Stagecoach (South Wales) Location: 6, Victoria Street, Merthyr Tydfil, Mid Glamorgan, CF47 8ED Classification: Bus & Coach Operators & Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	701	-	304876 206115
119	Contemporary Trade Directory Entries Name: Stagecoach Location: 6, Victoria Street, Merthyr Tydfil, Mid Glamorgan, CF47 8ED Classification: Bus & Coach Operators & Stations Status: Active Positional Accuracy: Automatically positioned to the address	A12NW (W)	701	-	304876 206115
119	Contemporary Trade Directory Entries Name: Cosmetics4u Location: 17, New Market Walk, St. Tydfil Square Shopping Centre, Merthyr Tydfil, Mid Glamorgan, CF47 8EL Classification: Cosmetic Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	736	-	304836 206090
120	Contemporary Trade Directory Entries Name: Jks Blinds Location: River Walk, Merthyr Tydfil, Mid Glamorgan, CF47 8EN Classification: Blinds, Awnings & Canopies Status: Active Positional Accuracy: Manually positioned within the geographical locality	A12NW (W)	670	-	304896 206044
120	Contemporary Trade Directory Entries Name: T & I Protheroe Location: 17 Graham Way, Merthyr Tydfil, Mid Glamorgan, CF47 8EG Classification: Hardware Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12NW (W)	717	-	304850 206058
121	Contemporary Trade Directory Entries Name: Coolio Location: 45, Tramroad Terrace, Merthyr Tydfil, Mid Glamorgan, CF47 0BG Classification: Air Conditioning & Refrigeration Contractors Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	687	-	305017 206386
121	Contemporary Trade Directory Entries Name: 22 Seven Location: 94, Pontmorlais, Merthyr Tydfil, Mid Glamorgan, CF47 8UH Classification: Printers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	725	-	305003 206429

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
122	Contemporary Trade Directory Entries Name: Tribotics Location: The Archers, Clare St, Merthyr Tydfil, Mid Glamorgan, CF47 0YL Classification: Automation Systems & Equipment Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A8NW (SW)	694	-	305295 205313
123	Contemporary Trade Directory Entries Name: Kaykel Communications Location: 41, Clare Street, Merthyr Tydfil, Mid Glamorgan, CF47 0YN Classification: Telecommunications Equipment & Systems Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	706	-	305359 205277
123	Contemporary Trade Directory Entries Name: W J Hughes Painters & Decorators Location: 47, Clare Street, Merthyr Tydfil, Mid Glamorgan, CF47 0YL Classification: Painting & Decorating Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	720	-	305328 205272
124	Contemporary Trade Directory Entries Name: Welsh Country Foods Location: 50, Glebeland Street, Merthyr Tydfil, Mid Glamorgan, CF47 8AT Classification: Meat - Wholesale Status: Active Positional Accuracy: Automatically positioned to the address	A12NW (W)	722	-	304892 206238
124	Contemporary Trade Directory Entries Name: Merthyr Dry Cleaners Location: 13, Glebeland Street, Merthyr Tydfil, Mid Glamorgan, CF47 8AU Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	745	-	304862 206224
125	Contemporary Trade Directory Entries Name: Dot Cotton'S Location: 4, Morlais Buildings, Merthyr Tydfil, Mid Glamorgan, CF47 8UL Classification: Laundries & Launderettes Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	730	-	305045 206484
125	Contemporary Trade Directory Entries Name: Pontmorlais Old Circus Location: 13 Pontmorlais, Merthyr Tydfil, Mid Glamorgan, CF47 8UB Classification: Antiques - Repairing & Restoring Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A17SE (NW)	753	-	305010 206480
125	Contemporary Trade Directory Entries Name: Www.Dais.Biz Location: 14-15, Pontmorlais, Merthyr Tydfil, Mid Glamorgan, CF47 8UB Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	761	-	305030 206512
126	Contemporary Trade Directory Entries Name: Merthyr Service Centre Location: Flat 7, Buckland House, Caedraw Road, Merthyr Tydfil, Mid Glamorgan, CF47 8HG Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	738	-	304840 205812
127	Contemporary Trade Directory Entries Name: Oriel Blinds Ltd Location: 1, Corporation Street, Merthyr Tydfil, Mid Glamorgan, CF47 0HP Classification: Blinds, Awnings & Canopies Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	760	-	305549 206733
128	Contemporary Trade Directory Entries Name: Motofix Location: Plymouth Street, Merthyr Tydfil, Mid Glamorgan, CF47 0TT Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	760	-	305447 205202

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
129	Contemporary Trade Directory Entries Name: D H M Services Location: Old Drill Hall, Pontmorlais West, Merthyr Tydfil, Mid Glamorgan, CF47 8UT Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	774	-	304963 206459
130	Contemporary Trade Directory Entries Name: Dip & Strip Location: Dan-y-Parc, Merthyr Tydfil, Mid Glamorgan, CF47 0AX Classification: Paint & Varnish Stripping Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	781	-	305164 206640
131	Contemporary Trade Directory Entries Name: Hillarys Blinds Ltd Location: Castle Yard, Merthyr Tydfil, Mid Glamorgan, CF47 8JD Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	784	-	304903 206394
132	Contemporary Trade Directory Entries Name: Martha'S Professional Ironing Services Location: 37, Pontmorlais, Merthyr Tydfil, Mid Glamorgan, CF47 8UN Classification: Ironing & Home Laundry Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	826	-	305084 206641
133	Contemporary Trade Directory Entries Name: Andrew'S Commercial Vehicle Repairs Location: Unit 1, Bogey Road, Mountain Hare, Merthyr Tydfil, Mid Glamorgan, CF48 4AP Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	836	-	306425 205900
134	Contemporary Trade Directory Entries Name: Clean Extreme Location: 14, Gladstone Terrace, Merthyr Tydfil, Mid Glamorgan, CF47 0UU Classification: Carpet, Curtain & Upholstery Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	851	-	305448 205109
135	Contemporary Trade Directory Entries Name: Shabby Chic Antiques Location: 6, Park Place, Merthyr Tydfil, Mid Glamorgan, CF47 0LJ Classification: Antiques - Repairing & Restoring Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	854	-	305163 206723
136	Contemporary Trade Directory Entries Name: Seams Sew Right Location: Unit 1, Treveithick St, Merthyr Tydfil, Mid Glamorgan, CF47 0HX Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18NW (N)	862	-	305254 206772
137	Contemporary Trade Directory Entries Name: Mobile Total Tune Location: 30, Treveithick Street, Merthyr Tydfil, Mid Glamorgan, CF47 0HX Classification: Car Engine Tuning & Diagnostic Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	900	-	305336 206840
138	Contemporary Trade Directory Entries Name: Ambassador Horse & Country Supplies Location: Unit 3 Treveithick Trading Est, Merthyr Tydfil, Mid Glamorgan, CF47 0HX Classification: Pet Foods & Animal Feeds Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	912	-	305404 206868
139	Contemporary Trade Directory Entries Name: Eddie Thomas Location: Prospect House, Prospect Place, Merthyr Tydfil, Mid Glamorgan, CF47 0DX Classification: Coal & Smokeless Fuel Merchants & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	929	-	305247 206842

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
140	Contemporary Trade Directory Entries Name: Bio Quest Ltd Location: 93, Trevethick Street, Merthyr Tydfil, Mid Glamorgan, CF47 0RJ Classification: Chemical Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	952	-	305474 206919
141	Contemporary Trade Directory Entries Name: Forget Me Not Furniture Location: 110, Brecon Road, Merthyr Tydfil, Mid Glamorgan, CF47 8NG Classification: Furniture - Reproduction Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	953	-	304831 206580
142	Contemporary Trade Directory Entries Name: M & B Tarmac Location: Incline Top, Merthyr Tydfil, Mid Glamorgan, CF47 0TJ Classification: Asphalt & Coated Macadam Laying Contractors Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A19NW (N)	971	-	305945 206875
143	Contemporary Trade Directory Entries Name: Merthr Tack Location: 6, Garth Villas, Merthyr Tydfil, Mid Glamorgan, CF47 0RX Classification: Pet Foods & Animal Feeds Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	989	-	305247 206905
144	Fuel Station Entries Name: Merthyr Tydfil Service Station Location: 3a, Lower High Street, Merthyr Tydfil, Mid Glamorgan, CF47 8EB Brand: Unbranded Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A12SE (SW)	534	-	305098 205694

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Rhondda Cynon Taff County Borough Council - Environmental Services Caerphilly County Borough Council - Environmental Health Department Merthyr Tydfil County Borough Council - Environmental Health Department Powys County Council - Public Protection Department	April 2014 August 2013 February 2013 February 2015	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - Welsh Region Natural Resources Wales	August 2014 January 2015	Quarterly Quarterly
Enforcement and Prohibition Notices Environment Agency - Welsh Region	March 2013	As notified
Integrated Pollution Controls Environment Agency - Welsh Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - Welsh Region Natural Resources Wales	January 2015 May 2015	Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Caerphilly County Borough Council - Environmental Health Department Merthyr Tydfil County Borough Council - Environmental Health Department Powys County Council - Public Protection Department Rhondda Cynon Taff County Borough Council - Public Health and Protection Division	February 2013 March 2013 May 2014 September 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Controls Merthyr Tydfil County Borough Council - Environmental Health Department Powys County Council - Public Protection Department Caerphilly County Borough Council - Environmental Health Department Rhondda Cynon Taff County Borough Council - Public Health and Protection Division	March 2013 May 2014 September 2014 September 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Merthyr Tydfil County Borough Council - Environmental Health Department Powys County Council - Public Protection Department Caerphilly County Borough Council - Environmental Health Department Rhondda Cynon Taff County Borough Council - Public Health and Protection Division	March 2013 May 2014 September 2014 September 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	July 2012	Quarterly
Pollution Incidents to Controlled Waters Environment Agency - Welsh Region	December 1998	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - Welsh Region Natural Resources Wales	March 2013 March 2013	As notified As notified
Prosecutions Relating to Controlled Waters Environment Agency - Welsh Region Natural Resources Wales	March 2013 March 2013	As notified As notified
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency Wales - South East Area Natural Resources Wales	January 2015 March 2015	Quarterly Quarterly
Water Abstractions Environment Agency - Welsh Region Natural Resources Wales Natural Resources Wales	April 2015 April 2015 May 2015	Quarterly Quarterly Quarterly

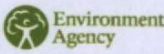
Agency & Hydrological	Version	Update Cycle
Water Industry Act Referrals Environment Agency - Welsh Region Natural Resources Wales	January 2015 January 2015	Quarterly Quarterly
Groundwater Vulnerability Environment Agency - Head Office	April 2015	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	October 2012	As notified
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	January 2015	As notified
Source Protection Zones Environment Agency - Head Office Natural Resources Wales	April 2015 May 2015	Quarterly Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office Natural Resources Wales	May 2015 May 2015	Quarterly Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office Natural Resources Wales	May 2015 May 2015	Quarterly Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	May 2015	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	May 2015	Quarterly
Flood Defences Environment Agency - Head Office	May 2015	Quarterly
Detailed River Network Lines Environment Agency - Head Office	March 2012	Annually
Detailed River Network Offline Drainage Environment Agency - Head Office	March 2012	Annually
Surface Water 1 in 30 year Flood Extent Natural Resources Wales	October 2013	As notified
Surface Water 1 in 100 year Flood Extent Natural Resources Wales	October 2013	As notified
Surface Water 1 in 1000 year Flood Extent Natural Resources Wales	October 2013	As notified
Surface Water Suitability Natural Resources Wales	October 2013	As notified

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency Wales - South East Area Natural Resources Wales	May 2015 May 2015	Quarterly Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Welsh Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency Wales - South East Area Natural Resources Wales	August 2014 August 2014	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Natural Resources Wales Environment Agency Wales - South East Area	April 2015 August 2014	Quarterly Quarterly
Local Authority Landfill Coverage Caerphilly County Borough Council - Environmental Health Department Merthyr Tydfil County Borough Council - Environmental Health Department Powys County Council Rhondda Cynon Taff County Borough Council	May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Caerphilly County Borough Council - Environmental Health Department Merthyr Tydfil County Borough Council - Environmental Health Department Powys County Council Rhondda Cynon Taff County Borough Council	May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable
Registered Landfill Sites Environment Agency Wales - South East Area	March 2003	Not Applicable
Registered Waste Transfer Sites Environment Agency Wales - South East Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency Wales - South East Area	March 2003	Not Applicable
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	June 2015	Bi-Annually
Explosive Sites Health and Safety Executive	June 2015	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Brecon Beacons National Park Caerphilly County Borough Council - Planning Department Powys County Council - Planning Department Merthyr Tydfil County Borough Council - Planning Department Rhondda Cynon Taff County Borough Council - Planning Department	August 2008 March 2014 October 2014 September 2007 September 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Planning Hazardous Substance Consents Brecon Beacons National Park Caerphilly County Borough Council - Planning Department Powys County Council - Planning Department Merthyr Tydfil County Borough Council - Planning Department Rhondda Cynon Taff County Borough Council - Planning Department	August 2008 March 2014 October 2014 September 2007 September 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	January 2010	Annually
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2015	Bi-Annually
Coal Mining Affected Areas The Coal Authority - Mining Report Service	March 2014	As notified
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	July 2014	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	As notified
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	May 2015	Quarterly
Fuel Station Entries Catalist Ltd - Experian	May 2015	Quarterly

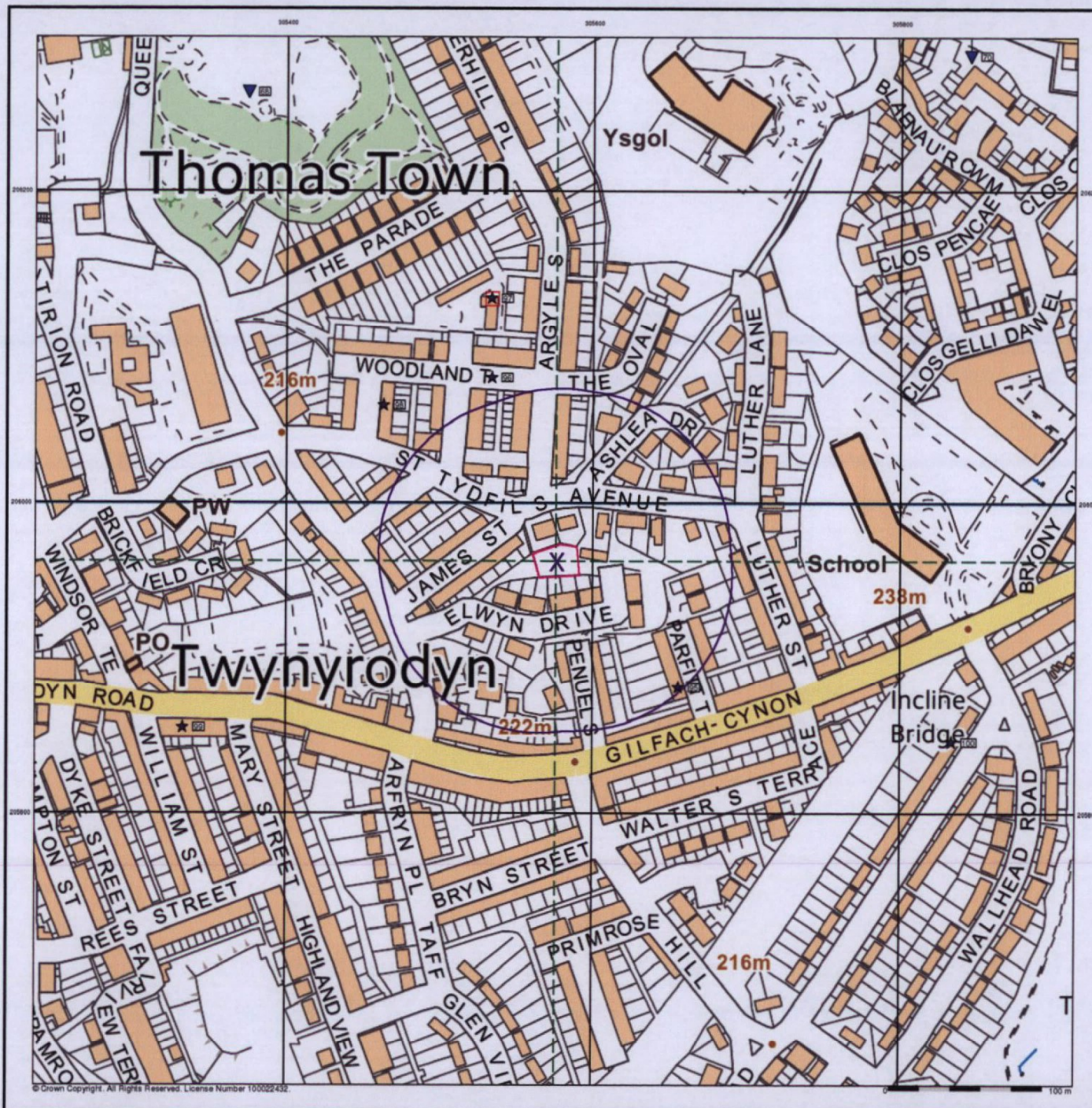
Sensitive Land Use	Version	Update Cycle
Areas of Outstanding Natural Beauty Natural Resources Wales	February 2015	Bi-Annually
Environmentally Sensitive Areas The National Assembly for Wales - GI Services (Department of Planning & Countryside)	August 2008	Annually
Forest Parks Forestry Commission	April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

A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
2	Natural Resources Wales Ty Cambria, 29 Newport Road, Cardiff, CF24 0TP	Telephone: 0300 065 3000 Email: enquiries@naturalresourceswales.gov.uk
3	Merthyr Tydfil County Borough Council - Environmental Health Department Civic Centre, Castle Street, Merthyr Tydfil, Mid Glamorgan, CF47 8AN	Telephone: 01685 725000 Fax: 01685 725024 Website: www.merthyr.gov.uk
4	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
5	British Geological Survey - Enquiry Service British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
6	The Coal Authority - Mining Report Service 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0845 7626848 Email: thecoalauthority@coal.gov.uk
7	Merthyr Tydfil County Borough Council Civic Centre, Castle Street, Merthyr Tydfil, Mid Glamorgan, CF47 8AN	Telephone: 01685 725000 Fax: 01685 722146 Website: www.merthyr.gov.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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



General

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

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Waste

- BOS Recorded Landfill Site (Location)
- BOS Recorded Landfill Site
- EA Historic Landfill (Buried Part)
- EA Historic Landfill (Open)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Location)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Free Buffer to 100m)
- Registered Landfill Site (Free Buffer to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site
- Registered Waste Treatment or Disposal Site

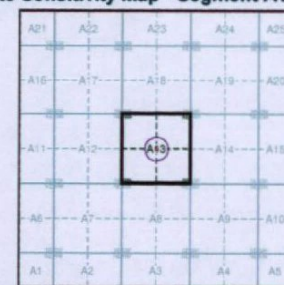
Geological

- BOS Recorded Mineral Site

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- COMAH Site
- Explosive Site
- NIHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

Site Sensitivity Map - Segment A13



Order Details

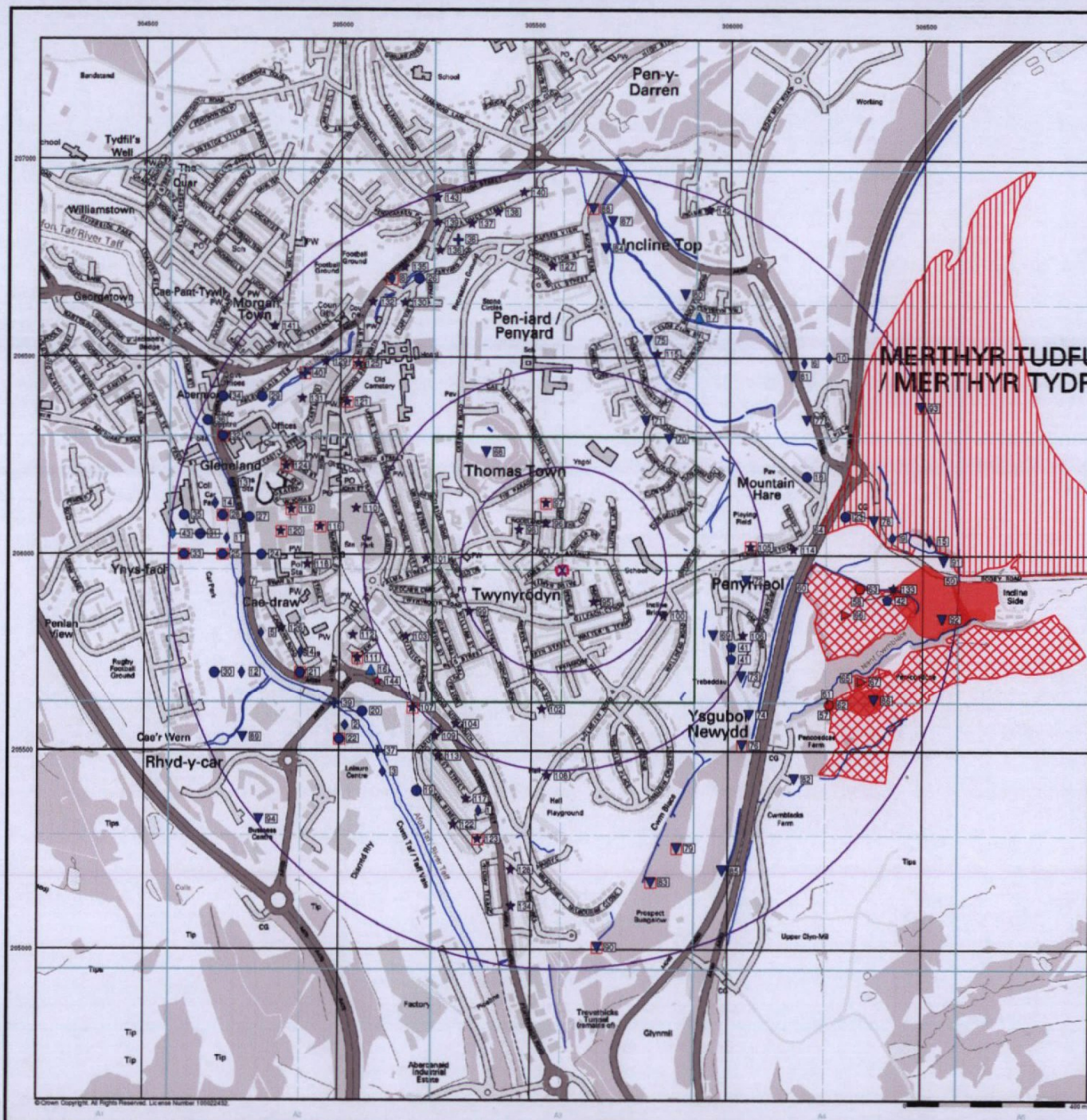
Order Number: 70905697_1_1
 Customer Ref: 13319
 National Grid Reference: 305580, 205960
 Slice: A
 Site Area (Ha): 0.06

Site Details

Builders Yard, Elwyn Drive, Merthyr Tydfil, CF47 0NJ



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk



General

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

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Waste

- BOS Recorded Landfill Site (Location)
- BOS Recorded Landfill Site
- EA Historic Landfill (Buffered Risk)
- EA Historic Landfill (Hygiene)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Location)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Fume buffered to 100m)
- Registered Landfill Site (Fume buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site
- Registered Waste Treatment or Disposal Site

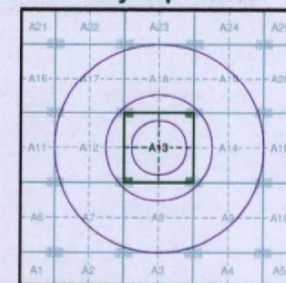
Geological

- BOS Recorded Mineral Site

Industrial Land Use

- Contemporary Trade Directory Entry
- Star Station Entry
- COMAH Site
- Explosive Site
- NIHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

Site Sensitivity Map - Slice A



Order Details

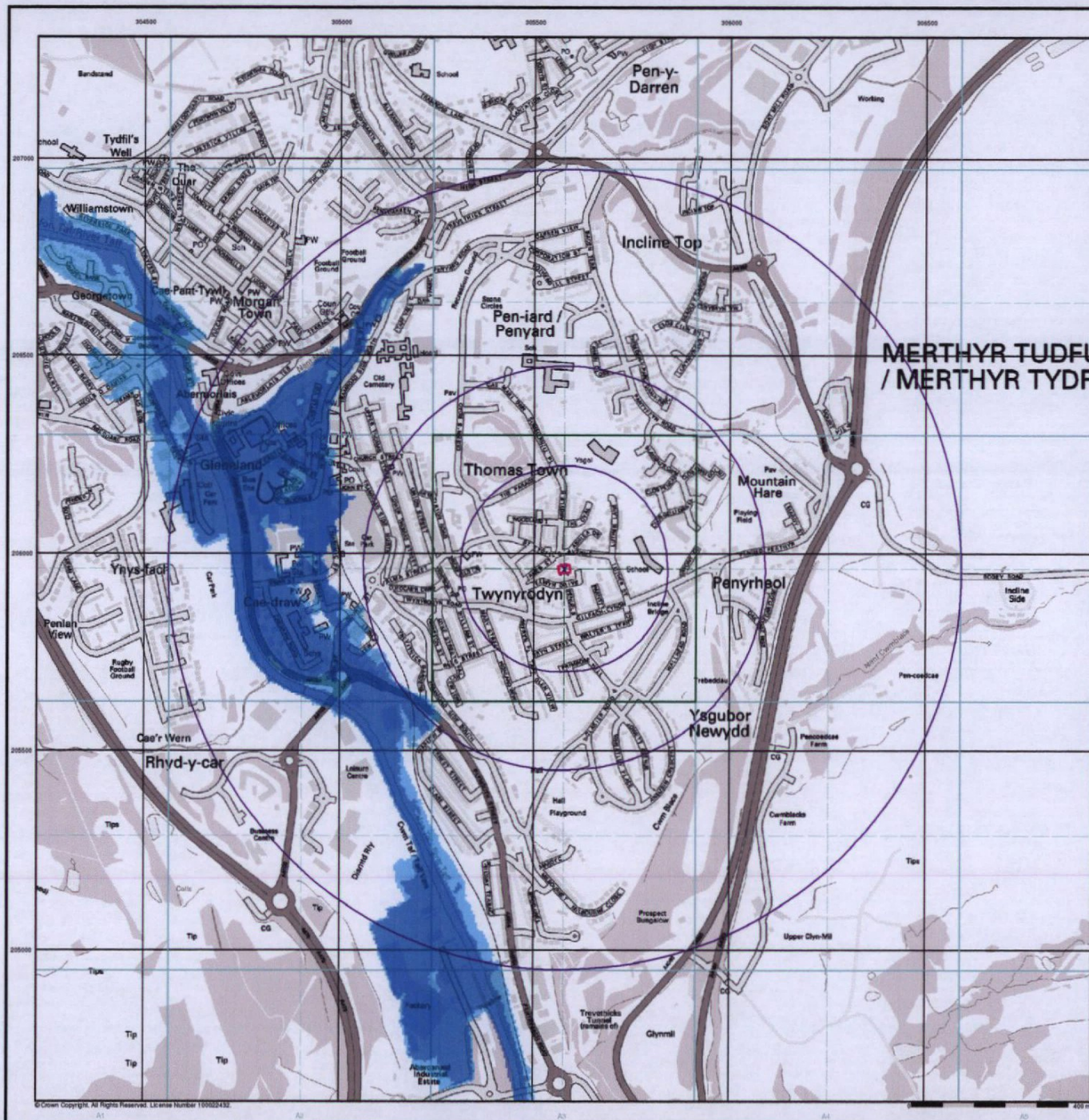
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 Search Buffer (m): 1000

Site Details

Builders Yard, Elwyn Drive, Merthyr Tydfil, CF47 0NJ



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk



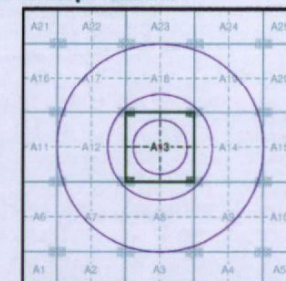
General

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

Agency and Hydrological (Flood)

- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- ▨ Area Benefiting from Flood Defence
- Flood Water Storage Areas
- - - Flood Defence

Flood Map - Slice A



Order Details

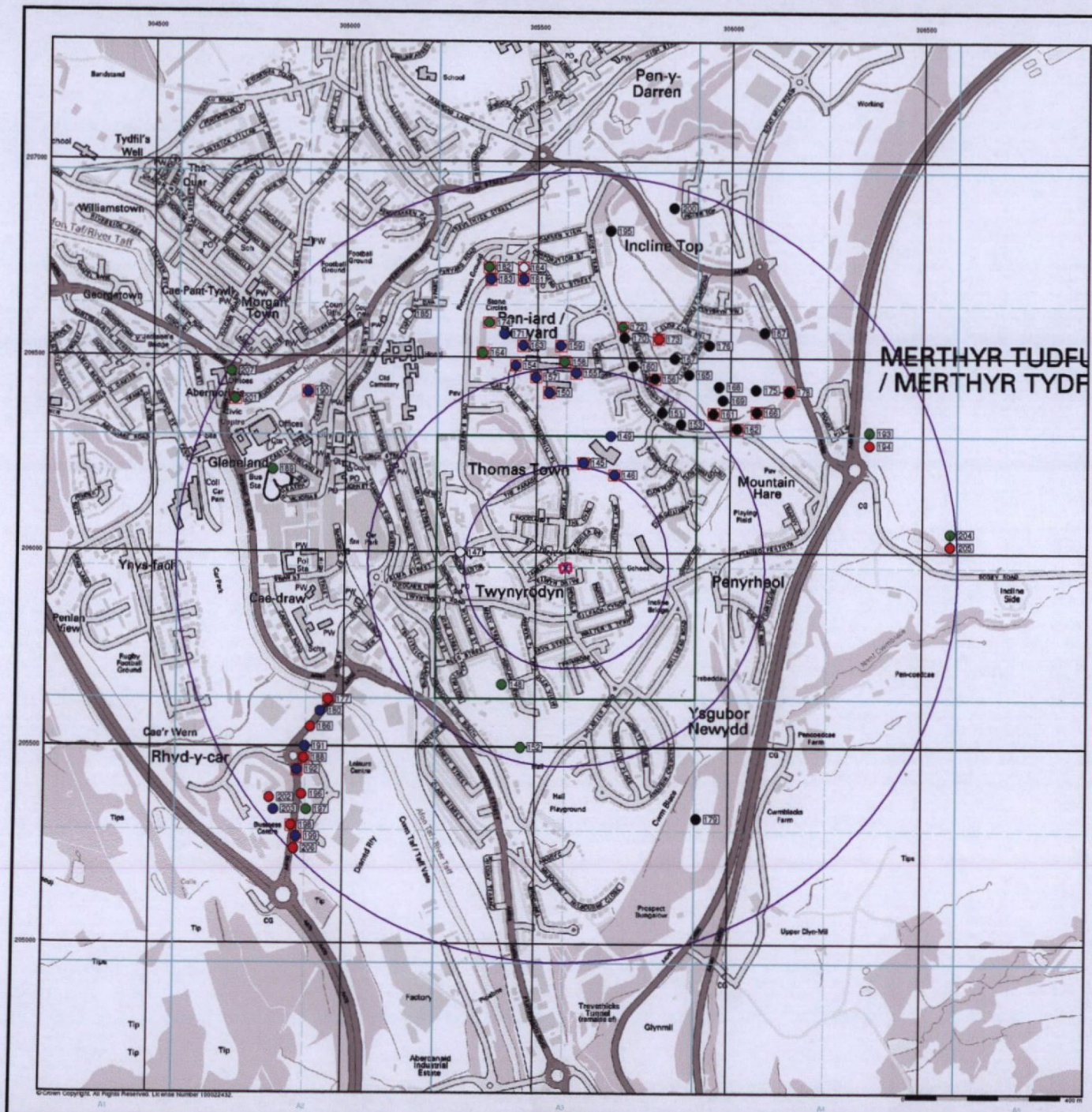
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 Customer Ref: 13319
 National Grid Reference: 305580, 205960
 Slice: A
 Site Area (Ha): 0.06
 Search Buffer (m): 1000

Site Details

Builders Yard, Elwyn Drive, Merthyr Tydfil, CF47 0NJ



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk



General

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

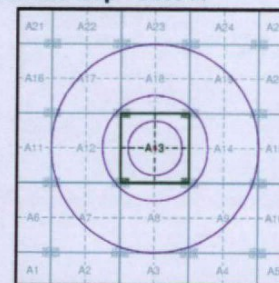
Agency and Hydrological (Boreholes)

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

For Borehole information please refer to the Borehole .csv file which accompanied this slice.

A copy of the BGS Borehole Ordering Form is available to download from the Support section of www.envirocheck.co.uk.

Borehole Map - Slice A



Order Details

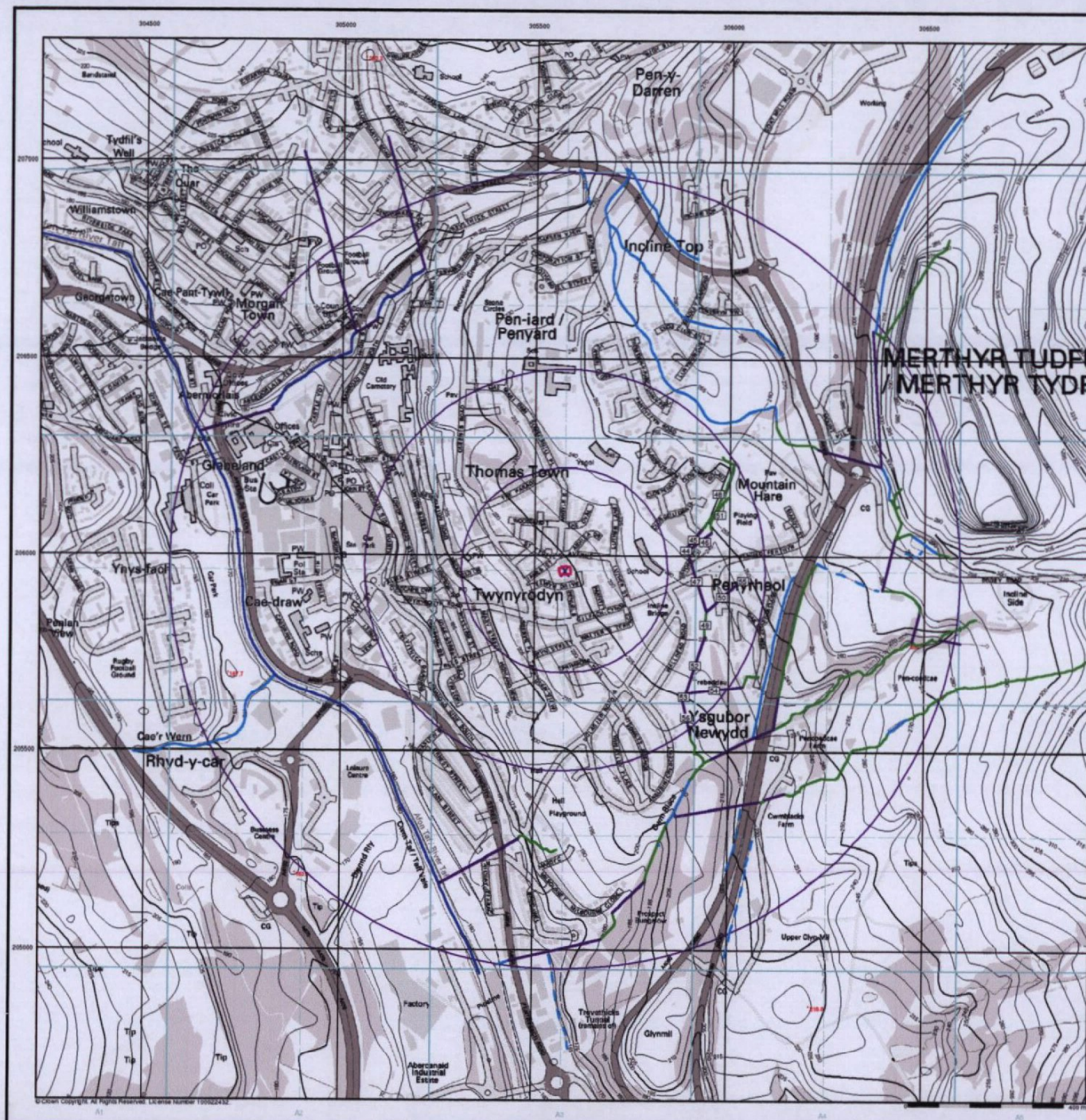
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 Slice: A
 Site Area (Ha): 0.06
 Search Buffer (m): 1000

Site Details

Builders Yard, Elwyn Drive, Merthyr Tydfil, CF47 0NJ



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk



General

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

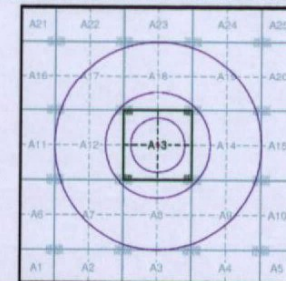
Detailed River Network Data

- | | |
|--------------------------|-------------------------------------|
| Primary River | Extended Culvert (greater than 50m) |
| Secondary River | Underground River (inferred) |
| Tertiary River | Underground River (local knowledge) |
| Canal | Downstream of High Water Mark |
| Canal Tunnel | Downstream of Seaward Extension |
| Undefined River | Not assigned River feature |
| Lake/Reservoir | |
| Offline Drainage Feature | |

Contours (height in metres)

- Standard Contour 10m Mean Low Water
- Master Contour 100m Mean High Water
- Spot Height 147.9

EA/NRW Detailed River Network Map - Slice A



Order Details

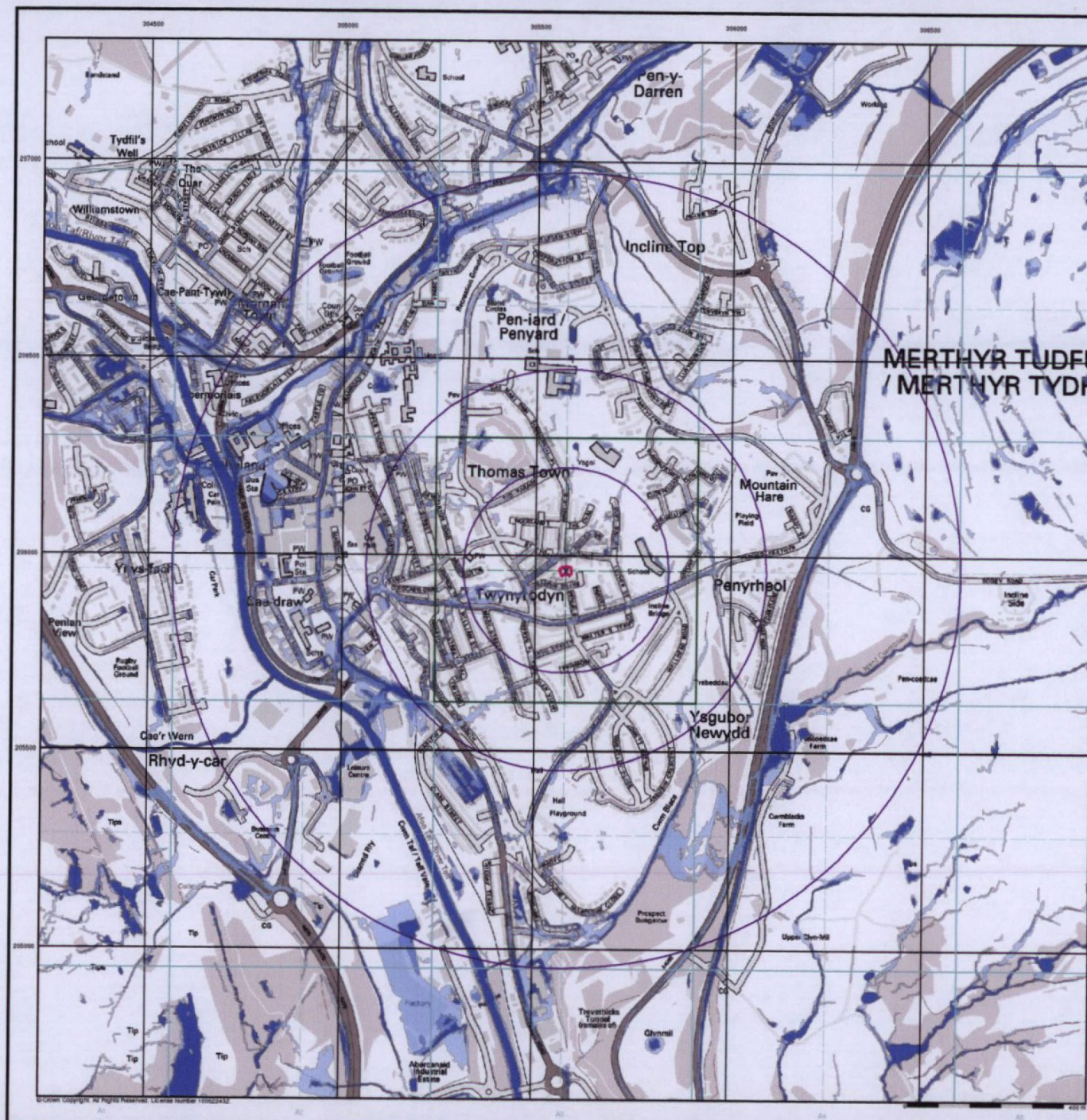
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 National Grid Reference: 305580, 205960
 Slice: A
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 Search Buffer (m): 1000

Site Details

Builders Yard, Elwyn Drive, Merthyr Tydfil, CF47 0NJ



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk



General

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

Risk of Flooding from Surface Water

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

Suitability

See the suitability map below

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

EANRW Suitability Map - Slice A



Order Details

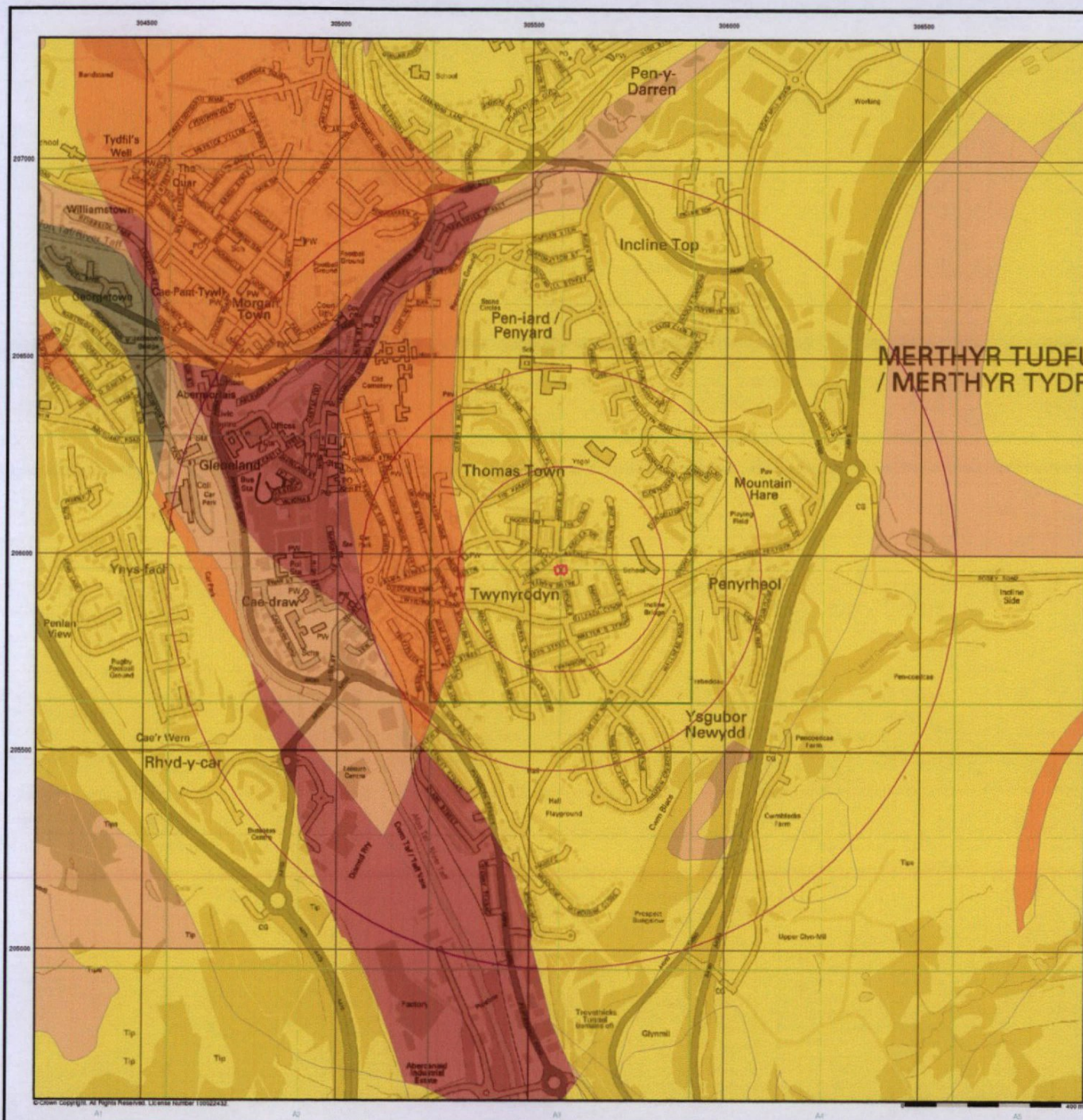
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Site Details

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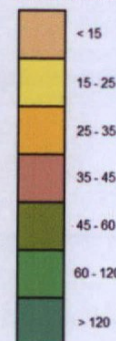


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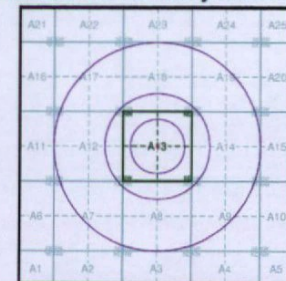
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A



Order Details

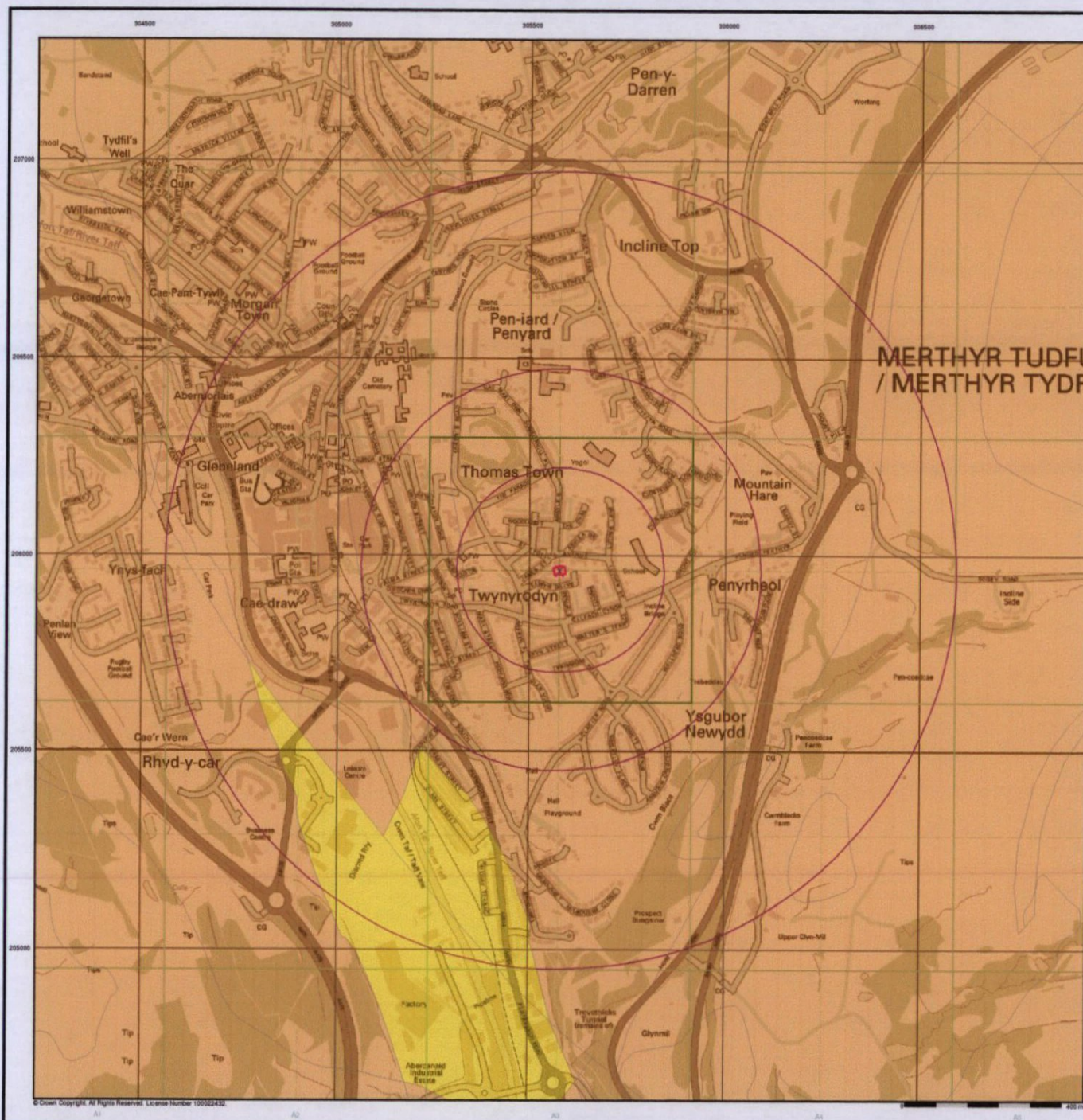
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 Customer Ref: 13319
 National Grid Reference: 305580, 205960
 Slice: A
 Site Area (Ha): 0.06
 Search Buffer (m): 1000

Site Details

Builders Yard, Elwyn Drive, Merthyr Tydfil, CF47 0NJ



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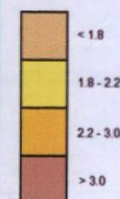


General

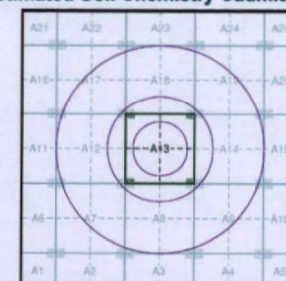
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A



Order Details

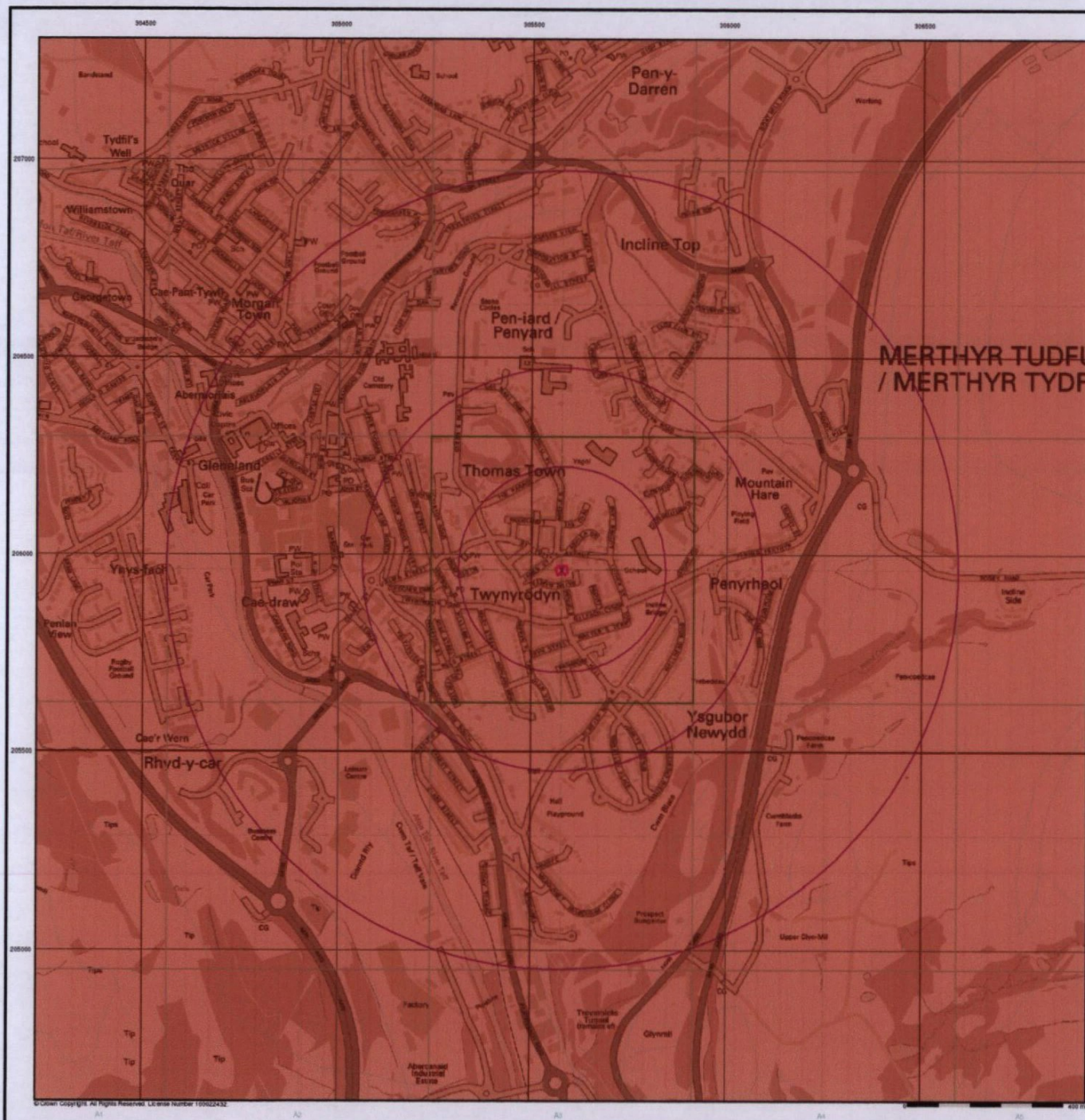
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 Customer Ref: 13319
 National Grid Reference: 305580, 205960
 Slice: A
 Site Area (Ha): 0.06
 Search Buffer (m): 1000

Site Details

Builders Yard, Elwyn Drive, Merthyr Tydfil, CF47 0NJ



Tel: 0944 844 9952
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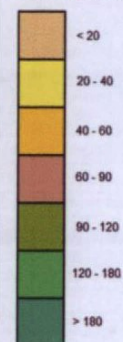


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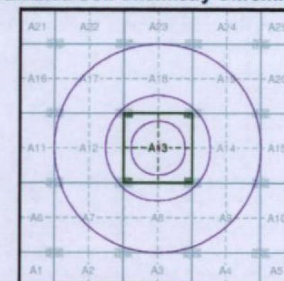
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A



Order Details

Order Details: 70905697_1_1
Customer Ref: 13319
National Grid Reference: 305580, 205960
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 1000

Site Details

Builders Yard, Elwyn Drive, Merthyr Tydfil, CF47 0NJ



Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

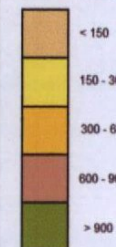


General

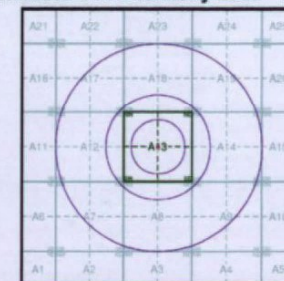
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A



Order Details

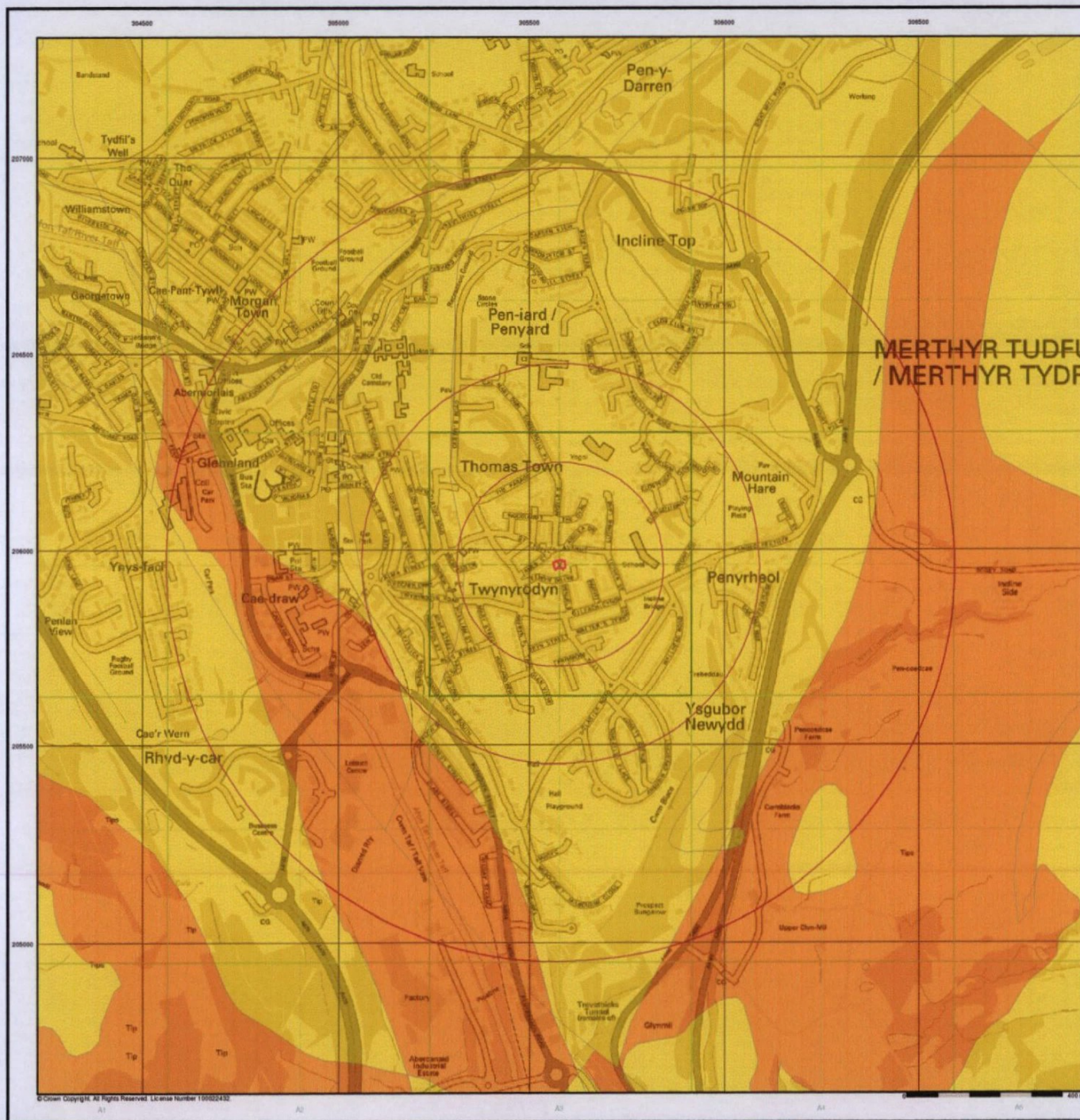
Order Details: 70905697_1_1
Customer Ref: 13319
National Grid Reference: 305580, 205960
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 1000

Site Details

Builders Yard, Elwyn Drive, Merthyr Tydfil, CF47 0NJ



Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

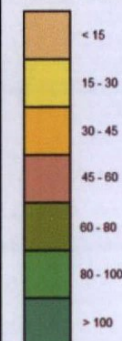


General

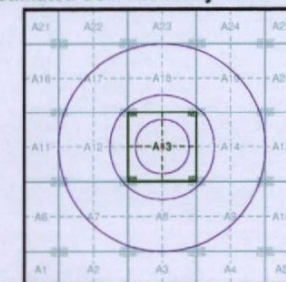
○ Specified Site ○ Specified Buffer(s) X Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

Order Details: 70905697_1_1
 Customer Ref: 13319
 National Grid Reference: 305580, 205960
 Slice: A
 Site Area (Ha): 0.06
 Search Buffer (m): 1000

Site Details

Builders Yard, Elwyn Drive, Merthyr Tydfil, CF47 0NJ



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.arnrocheck.co.uk

ANNEX B
Coal Authority Mining Report



The Coal
Authority

Issued by:

The Coal Authority, Property Search Services, 200 Lichfield Lane, Berry Hill, Mansfield, Nottinghamshire, NG18 4RG

Website: www.groundstability.com Phone: 0345 762 6848 DX 716176 MANSFIELD 5

**LANDMARK INFORMATION GROUP
LIMITED
SOWTON INDUSTRIAL ESTATE
ABBAY COURT
UNIT 5/7 EAGLE WAY
EXETER
DEVON
EX2 7HY**

Our reference:	51000967195001
Your reference:	70905697_2
Date of your enquiry:	05 August 2015
Date we received your enquiry:	05 August 2015
Date of issue:	05 August 2015

This report is for the property described in the address below and the attached plan.

Non-Residential Coal Authority Mining Report

SITE AT BUILDERS YARD, ELWYN DRIVE, MERTHYR TYDFIL,

This report is based on and limited to the records held by, the Coal Authority, and the Cheshire Brine Subsidence Compensation Board's records, at the time we answer the search.

Coal mining	See comments below
Brine Compensation District	No

Information from the Coal Authority

Underground coal mining

Past

According to the records in our possession, the property is not within the zone of likely physical influence on the surface from past underground workings.

However the property is in an area where the Coal Authority believe there is coal at or close to the surface. This coal may have been worked at some time in the past. The potential presence of coal workings at or close to the surface should be considered prior to any site works or future development activity. Your attention is drawn to the Comments on Coal Authority Information section of the report.

Present

The property is not in the likely zone of influence of any present underground coal workings.

Future

The property is not in an area for which the Coal Authority is determining whether to grant a licence to remove coal using underground methods.

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

The property is not in an area that is likely to be affected at the surface from any planned future workings.

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

No notice of the risk of the land being affected by subsidence has been given under section 46 of the Coal Mining Subsidence Act 1991.

Mine entries

There are no known coal mine entries within, or within 20 metres of, the boundary of the property.

Records may be incomplete. Consequently, there may exist in the local area mine entries of which the Coal Authority has no knowledge.

Coal mining geology

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

Opencast coal mining

Past

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

Present

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

Future

The property is not within 800 metres of the boundary of an opencast site for which the Coal Authority is determining whether to grant a licence to remove coal by opencast methods.

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.

Coal mining subsidence

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

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

The 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.

Mine gas

There is no record of a mine gas emission requiring action by the Coal Authority within the boundary of the property.

Hazards related to coal mining

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

Withdrawal of support

The property is not in an area for which a notice of entitlement to withdraw support has been published.

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

Working facilities orders

The property is not in an area for which 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.

Payments to owners of former copyhold land

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

Comments on Coal Authority information

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.

Information from the Cheshire Brine Subsidence Compensation Board

The property lies outside the Cheshire Brine Compensation District.

Additional Remarks

Information provided by the Coal Authority in this report is compiled in response to the Law Society's Con29M Coal Mining and Brine Subsidence Claim enquiries. The said enquiries are protected by copyright owned by the Law Society of 113 Chancery Lane, London WC2A 1PL. Please note that Brine Subsidence Claim enquiries are only relevant for England and Wales. This report is prepared in accordance with the Law Society's Guidance Notes 2006, the User Guide 2006 and the Coal Authority and Cheshire Brine Board's Terms and Conditions applicable at the time the report was produced.

The Coal Authority owns the copyright in this report. The information we have used to write this report is protected by our database right. 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.

Location map



Approximate position
of property

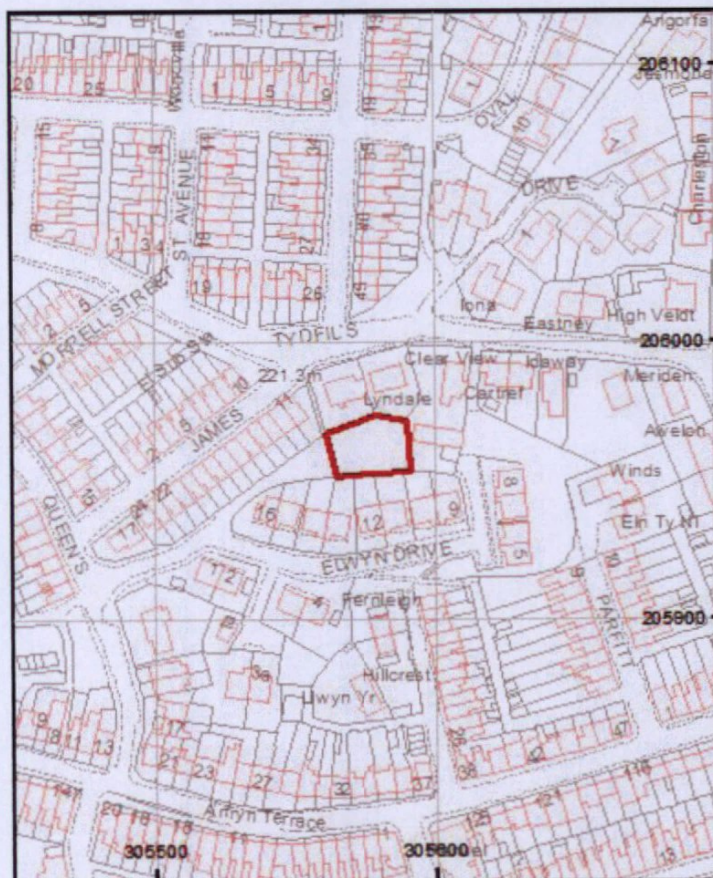


Enquiry boundary

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Key

Approximate position of enquiry
boundary shown





The Coal Authority

Issued by:
The Coal Authority, Property Search Services, 200 Lichfield Lane, Berry Hill, Mansfield, Nottinghamshire, NG18 4RG
Website: www.groundstability.com Phone: 0345 762 6848 DX 716176 MANSFIELD 5

TERRA FIRMA (WALES) LTD
5 DERYN COURT
WHARFEDALE ROAD
PENTWYN
CARDIFF
CARDIFF
CF23 7HA

Our reference:	51001026888001
Your reference:	13319
Date of your enquiry:	26 October 2015
Date we received your enquiry:	26 October 2015
Date of issue:	26 October 2015
Grid Reference	305580 205960

This report is for the property described in the address below and the attached plan.

Non-Residential Coal Mining Consultants Report
BUILDERS YARD, ELWYN DRIVE, MERTHYR TYDFIL, MERTHYR TYDFIL,
CF47 0N

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

Past underground mining

No past mining recorded.

Probable unrecorded shallow workings

Probable unrecorded coal workings at shallow depth.

Outcrops

SEAM NAME	MINERAL	THIN INDICATOR	DISTANCE TO OUTCROP (m)	DIRECTION TO OUTCROP	BEARING OF OUTCROP
GARW VEIN	Coal	False	43.9	258	162

Spine roadways at shallow depth

No spine roadway recorded at shallow depth.

Future underground mining

No future mining recorded.

Licence details (AOR)

No AOR recorded.

Section 46 notices

No current notification.

Geology

No faults, fissures or breaklines recorded.

Mine entries

No mine entries recorded.

Court orders

No court orders recorded.

Worked out opencast sites

Worked out opencast site recorded.

Coal mining related hazards

No coal mining related hazard recorded.

Coal mining subsidence

The Coal Authority has not received a damage notice or claim for the subject property, or any property within 50 metres, since 31st October 1994.
There is no current Stop Notice delaying the start of remedial works or repairs to the property.
The 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.

Issued by:	The Coal Authority, 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG
Tax Point Date:	26 October 2015
Issued to:	TERRA FIRMA (WALES) LTD 5 DERYN COURT WHARFEDALE ROAD PENTWYNN CARDIFF CARDIFF CF23 7HA
Property Search for:	BUILDERS YARD, ELWYNN DRIVE, MERTHYR TYDFIL, MERTHYR TYDFIL, MERTHYR TYDFIL, CF47 0N
Reference Number:	51001026888001
Date of Issue:	26 October 2015
Cost:	£64.00
VAT @ 20%:	£12.80
Total Received:	£76.80
VAT Registration	598 5850 68

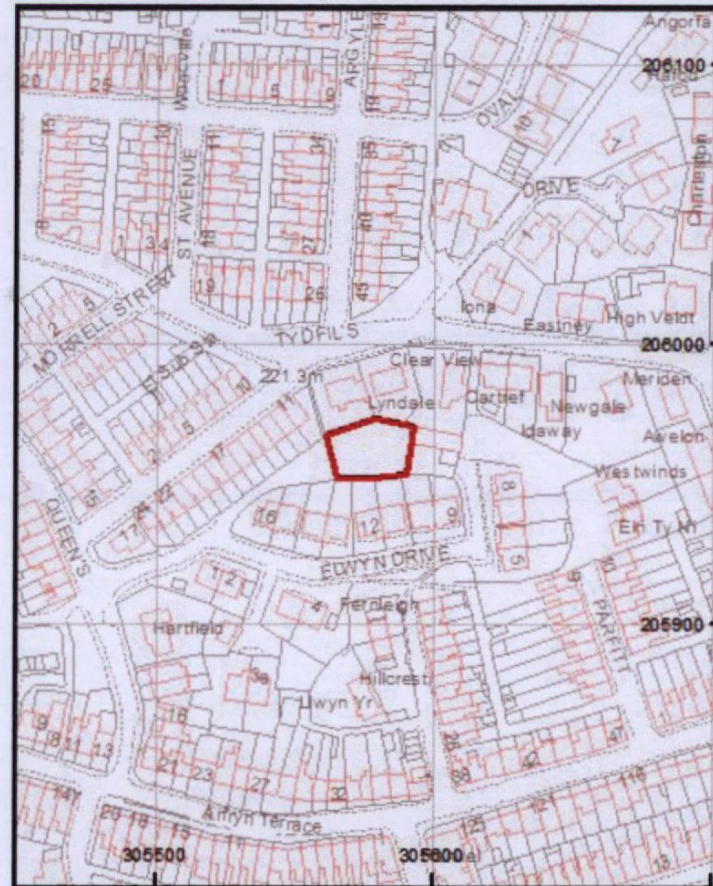
Location map



Approximate position of property



Enquiry boundary



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Approximate position of enquiry boundary shown



ANNEX C
Exploratory Hole Logs



Borehole Log

Borehole No.

WS01

Sheet 1 of 1

Project Name: Elwyn Drive

Project No.
13319

Co-ords: -

Hole Type
WLS

Location: Merthyr Tydfil

Level:

Scale
1:50

Client: Mr J Cox

Dates: 14-08-2015 -

Logged By
LJD

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.50	D					(Soft to firm) grey and grey brown slightly sandy silty CLAY with many gravels and cobbles. Gravel is fine to coarse angular/subangular, cobbles are small angular, all of shale, brick and occasional black vesicular slag. Occasional glass. Occasional fine roots. (MADE GROUND)	
		0.80	D					Ash and coal inclusions	1
		1.00		N=4 (1,1/1,1,1,1)	1.20				
		1.20	D			1.50		(Loose) dark/medium brown very clayey SAND / very sandy CLAY with many gravels. Gravel is fine to coarse angular/subangular of brick, shale and occasional slag. Occasional coal inclusions. Occasional fine roots. (MADE GROUND)	
		1.80	D					(Firm) orange brown and tan brown with grey inclusions slightly sandy silty CLAY with many gravels. Gravel is fine to coarse angular/subangular/subrounded of mudstone, shale and occasional siltstone. Occasional angular/subangular cobble of mudstone/siltstone. (GLACIAL TILL)	2
		2.00		N=8 (2,2/1,2,2,3)				Very gravelly	
		3.00	D					Orange fine sand inclusions	3
		3.00		N=8 (2,2/2,2,2,2)				Coal inclusions	
		3.50		50 (11,11/12,18,20,)	3.50			End of borehole at 3.50 m	4
									5
									6
									7
									8
									9
									10

Remarks

Sampler refused at 3.5m. CPT refused at 3.85m. No groundwater encountered.

Borehole Log

Borehole No.

WS02

Sheet 1 of 1

Project Name: Elwyn Drive

Project No.
13319

Co-ords: -

Hole Type

WLS

Location: Merthyr Tydfil

Level:

Scale

1:50

Client: Mr J Cox

Dates: 14-08-2015 -

Logged By

LJD

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10	D		0.20			(Loose) dark brown slightly clayey SAND with some gravel. Gravel is fine to coarse angular of shale and occasional slag. (MADE GROUND)	
		0.75	D					(Firm becoming with depth stiff) orange tan brown with grey and rusty orange/purple inclusions, in places slightly sandy becoming sandy with depth, silty CLAY with some gravels and cobbles. Gravel is fine to medium of sandstone, mudstone and shale (discoloured orange from weathering). Cobbles are small angular of sandstone. (GLACIAL TILL)	1
		1.00		N=8 (1,1/2,4,1,1)					
		1.50	D						
		2.00		N=13 (2,3/4,3,3,3)					2
		3.00		N=30 (3,5/5,6,6,13)	3.00				3
		3.50		N=50 (11,10/10,10,15,15)					4
									5
									6
									7
									8
									9
									10

Remarks

Sampler refused at 3m. CPT refused at 3.95m. Groundwater encountered. at 2.5m.



Borehole Log

Borehole No.

WS03

Sheet 1 of 1

Project Name: Elwyn Drive

Project No.
13319

Co-ords: -

Hole Type
WLS

Location: Merthyr Tydfil

Level:

Scale
1:50

Client: Mr J Cox

Dates: 14-08-2015 -

Logged By
LJD

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10	D		0.20			Loose) dark/medium brown very clayey SAND / very sandy CLAY with many gravels. Gravel is fine to coarse angular/subangular of brick, shale and occasional slag. Occasional coal inclusions. Occasional fine roots. (MADE GROUND) (Soft becoming with depth firm) orange brown and tan brown with grey inclusions slightly sandy silty CLAY with many gravels. Gravel is fine to coarse angular/subangular/subrounded of mudstone, shale and occasional siltstone. Occasional angular/subangular cobble of mudstone/siltstone. (GLACIAL TILL)	
		1.00	D	N=6 (1,1/1,1,1,3)					1
		1.00							
		2.00		N=25 (3,3/5,8,6,6)					2
		2.50	D						
		3.00		N=12 (2,2/3,3,3,3)					3
		3.50		0 (50/,,)	3.50				
								End of borehole at 3.50 m	4
									5
									6
									7
									8
									9
									10

Remarks

Sampler refused at 3.5m. CPT refused at 3.575m. No groundwater encountered.

Borehole Log

Borehole No.

WS04

Sheet 1 of 1

Project Name: Elwyn Drive

Project No.
13319

Co-ords: -

Hole Type

WLS

Location: Merthyr Tydfil

Level:

Scale

1:50

Client: Mr J Cox

Dates: 14-08-2015 -

Logged By

LJD

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10	D		0.20			Loose) dark/medium brown very clayey SAND / very sandy CLAY with many gravels. Gravel is fine to coarse angular/subangular of shale and occasional slag. Occasional coal inclusions. Occasional brick fragment. Occasional fine roots. (MADE GROUND)	
		0.75	D					(Soft becoming with depth firm) orange brown with grey and rusty orange/purple inclusions, slightly sandy silty CLAY with some gravels and occasional cobbles. Gravel is fine to medium of sandstone, mudstone and shale (discoloured orange from weathering). Cobbles are small angular of sandstone. (GLACIAL TILL)	1
		1.00	D						
		1.00		N=7 (1,2/1,2,2,2)					
		1.75	D						
		2.00		N=10 (1,2/4,2,1,3)					2
		3.00		N=17 (4,6/5,4,4,4)					3
		3.75	D		3.70				
		4.00		N=35 (4,5/7,9,9,10)	4.00			(Stiff) dark/medium grey silty CLAY with many gravels. Gravel is fine angular/subangular of sandstone and mudstone. (GLACIAL TILL)	4
								End of borehole at 4.00 m	
		4.50		50 (13,11/13,17,20,)					5
									6
									7
									8
									9
									10

Remarks

Sampler refused at 4m. CPT refused at 4.875m. Groundwater encountered at 2.5m.



Borehole Log

Borehole No.

WS05

Sheet 1 of 1

Project Name: Elwyn Drive

Project No.
13319

Co-ords: -

Hole Type
WLS

Location: Merthyr Tydfil

Level:

Scale
1:50

Client: Mr J Cox

Dates: 14-08-2015 -

Logged By
LJD

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.20	D		0.40			(Loose) dark brown slightly sandy fine to medium angular/subangular GRAVEL of shale/mudstone. Occasional coal inclusions. (MADE GROUND)	
		0.80	D					(Firm) orange brown with grey and rusty orange/purple inclusions, slightly sandy silty CLAY with some gravels and occasional cobbles. Gravel is fine to medium of sandstone, mudstone and shale (discoloured orange from weathering). Cobbles are small angular of sandstone. (GLACIAL TILL)	1
		1.00		N=11 (2,3/2,3,3,3)					
		1.80	D		2.00			Very gravelly	
		2.00		N=14 (2,3/3,3,4,4)					2
								End of borehole at 2.00 m	
									3
									4
									5
									6
									7
									8
									9
									10

Remarks

Sampler terminated at 2m. CPT terminated at 2.45m. No groundwater encountered.



Borehole Log

Borehole No.

RBH01

Sheet 1 of 1

Project Name: Elwyn Drive

Project No.
13319

Co-ords: -

Hole Type
RO

Location: Merthyr Tydfil

Level:

Scale
1:200

Client: Mr J Cox

Dates: 22/10/2015 -

Logged By

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					1.60			MADE GROUND (Driller description)	1
								BOULDER CLAY (Driller description)	2
					4.80				3
								MUDSTONE (COAL MEASURES) (Driller description)	4
									5
									6
									7
									8
					9.60				9
					10.20			COAL	10
								MUDSTONE with coal traces (COAL MEASURES) (Driller description)	11
									12
									13
									14
									15
									16
									17
									18
									19
									20
									21
									22
									23
									24
									25
									26
									27
									28
									29
									30
									31
									32
									33
									34
									35
					36.00			End of borehole at 36.00 m	36
									37
									38
									39
									40

Remarks

Cased 0 - 5.50m. Drilled using water flush.



Borehole Log

Borehole No.

RBH02

Sheet 1 of 1

Project Name: Elwyn Drive

Project No.
13319

Co-ords: -

Hole Type
RO

Location: Merthyr Tydfil

Level:

Scale
1:200

Client: Mr J Cox

Dates: 22/10/2015 -

Logged By

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
		Depth (m)	Type	Results							
					0.60			MADE GROUND (Driller description) BOULDER CLAY (Driller description)	1 2 3		
					3.90			MUDSTONE (COAL MEASURES) (Driller description)	4 5 6 7 8		
					9.30 10.10			COAL	9 10		
								MUDSTONE (COAL MEASURES) (Driller description)	11 12		
								13.00	MUDSTONE with coal traces (COAL MEASURES) (Driller description)	13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35	
								36.00	End of borehole at 36.00 m		36 37 38 39 40

Remarks

Cased 0 - 4.10m. Drilling using water flush.



Borehole Log

Borehole No.

RBH03

Sheet 1 of 1

Project Name: Elwyn Drive

Project No.
13319

Co-ords: -

Hole Type
RO

Location: Merthyr Tydfil

Level:

Scale
1:200

Client: Mr J Cox

Dates: 22/10/2015 -

Logged By

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					1.80			MADE GROUND (Driller description)	1
								BOULDER CLAY (Driller description)	2
					3.60			MUDSTONE (COAL MEASURES) (Driller description)	3
									4
									5
									6
									7
									8
					9.40				9
					10.00			COAL	10
								MUDSTONE with coal traces (COAL MEASURES) (Driller description)	11
									12
									13
									14
									15
									16
									17
									18
									19
									20
									21
									22
									23
									24
									25
									26
									27
									28
									29
									30
									31
									32
									33
									34
									35
									36
									37
									38
									39
									40

Remarks

Cased 0 - 4.10m. Drilled using water flush.

End of borehole at 35.00 m

ANNEX D
Field Photographs



Site



Japanese Knotweed



Site, Made Ground



Site, Cutting View



Site, Waste Material



Cutting



Cutting



Cutting



Japanese Knotweed



Site



Japanese Knotweed, Made Ground



Made Ground, Japanese Knotweed



Asbestos Sheet



Asbestos Sheet



Made Ground, Waste Material

ANNEX E
Laboratory Soil Chemical Test Results



Certificate of Analysis

Certificate Number 15-43014

24-Aug-15

Client Terra Firma (Wales) Ltd
5 Deryn Court
Wharfdale Road
Pentwyn
Cardiff
CF23 7HB

Our Reference 15-43014

Client Reference (not supplied)

Contract Title MERTHYR

Description 6 Soil samples.

Date Received 18-Aug-15

Date Started 18-Aug-15

Date Completed 24-Aug-15

Test Procedures Identified by prefix DETSn (details on request).

Notes Opinions and interpretations are outside the scope of UKAS accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. Observations and interpretations are outside the scope of ISO 17025. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

Approved By

Rob Brown
Business Manager



Summary of Chemical Analysis

Matrix Descriptions

Our Ref 15-43014

Client Ref

Contract Title MERTHYR

Sample ID	Depth	Lab No	Completed	Matrix Description
WS02	0.1	855227	24/08/2015	Dark brown very sandy GRAVEL (sample matrix outside MCERTS scope of accreditation)
WS01	1.2	855228	24/08/2015	Dark brown slightly gravelly, clayey SAND
WS01	0.5	855229	24/08/2015	Dark brown, gravelly, sandy CLAY
WS03	0.1	855230	24/08/2015	Dark brown, gravelly, sandy CLAY (Made ground -brick)
WS04	0.1	855231	24/08/2015	Brown, gravelly, sandy CLAY
WS05	0.2	855232	24/08/2015	Dark brown, gravelly, sandy CLAY

Summary of Chemical Analysis

Soil Samples

Our Ref 15-43014

Client Ref

Contract Title MERTHYR

Lab No	855227	855228	855229	855230	855231	855232
Sample ID	WS02	WS01	WS01	WS03	WS04	WS05
Depth	0.10	1.20	0.50	0.10	0.10	0.20
Other ID						
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sampling Date	14/08/15	14/08/15	14/08/15	14/08/15	14/08/15	14/08/15
Sampling Time	n/s	n/s	n/s	n/s	n/s	n/s

Test	Method	LOD	Units						
Metals									
Arsenic	DETS 2301#	0.2	mg/kg	8.4	22	14	16	9.2	24
Cadmium	DETS 2301#	0.1	mg/kg	0.6	1.1	0.8	0.8	0.7	1.0
Chromium	DETS 2301#	0.15	mg/kg	17	20	21	15	14	23
Chromium III	DETS 2301*	0.15	mg/kg	17	20	21	15	14	23
Hexavalent Chromium	DETS 2204*	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Copper	DETS 2301#	0.2	mg/kg	19	57	38	37	17	68
Lead	DETS 2301#	0.3	mg/kg	36	250	53	58	26	480
Mercury	DETS 2325#	0.05	mg/kg	< 0.05	0.33	0.15	0.10	< 0.05	0.18
Nickel	DETS 2301#	1	mg/kg	22	34	38	31	20	34
Selenium	DETS 2301#	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.8
Zinc	DETS 2301#	1	mg/kg	100	210	170	140	86	210
Inorganics									
pH	DETS 2008#			8.6	6.7	7.7	7.5	8.0	6.9
Cyanide Total	DETS 2130#	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Organic matter	DETS 2002#	0.1	%	6.3	10	7.6	4.6	1.7	22
Total Sulphate as SO4	DETS 2321#	0.01	%	0.09	0.10	0.05	0.07	0.04	0.13
PAHs									
Naphthalene	DETS 3303#	0.03	mg/kg	0.64	< 0.03	< 0.03	0.07	< 0.03	0.52
Acenaphthylene	DETS 3303#	0.03	mg/kg	< 0.30	< 0.03	< 0.03	< 0.03	< 0.03	0.17
Acenaphthene	DETS 3303#	0.03	mg/kg	1.7	< 0.03	< 0.03	< 0.03	< 0.03	0.85
Fluorene	DETS 3303	0.03	mg/kg	1.5	< 0.03	< 0.03	< 0.03	< 0.03	0.78
Phenanthrene	DETS 3303#	0.03	mg/kg	12	0.16	0.05	0.27	0.07	5.0
Anthracene	DETS 3303	0.03	mg/kg	1.9	< 0.03	< 0.03	0.06	< 0.03	1.5
Fluoranthene	DETS 3303#	0.03	mg/kg	28	0.35	0.07	0.82	0.14	9.3
Pyrene	DETS 3303#	0.03	mg/kg	23	0.29	0.07	0.72	0.13	7.6
Benzo(a)anthracene	DETS 3303#	0.03	mg/kg	9.8	0.12	< 0.03	0.27	0.08	5.7
Chrysene	DETS 3303	0.03	mg/kg	10	0.18	< 0.03	0.35	0.10	7.3
Benzo(b)fluoranthene	DETS 3303#	0.03	mg/kg	12	0.13	< 0.03	0.36	0.15	13
Benzo(k)fluoranthene	DETS 3303#	0.03	mg/kg	3.8	< 0.03	< 0.03	0.09	0.05	4.7
Benzo(a)pyrene	DETS 3303#	0.03	mg/kg	7.3	0.05	< 0.03	0.18	0.09	9.9
Indeno(1,2,3-c,d)pyrene	DETS 3303#	0.03	mg/kg	4.5	0.04	< 0.03	0.10	0.07	5.2
Dibenzo(a,h)anthracene	DETS 3303#	0.03	mg/kg	1.4	< 0.03	< 0.03	< 0.03	< 0.03	1.8
Benzo(g,h,i)perylene	DETS 3303#	0.03	mg/kg	4.7	0.04	< 0.03	0.12	0.07	5.8
Total PAH - USEPA 16	DETS 3303	0.1	mg/kg	120	1.4	0.18	3.4	0.94	79
Phenols									
Phenol - Monohydric	DETS 2130#	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

Summary of Asbestos Analysis

Soil Samples

Our Ref 15-43014

Client Ref

Contract Title MERTHYR

Lab No	Sample ID	Material Type	Result	Comment*	Analyst
855227	WS02 0.10	SOIL	NAD	none	Colin Patrick
855228	WS01 1.20	SOIL	NAD	none	Colin Patrick
855229	WS01 0.50	SOIL	NAD	none	Colin Patrick
855230	WS03 0.10	SOIL	NAD	none	Colin Patrick
855231	WS04 0.10	SOIL	NAD	none	Colin Patrick
855232	WS05 0.20	SOIL	NAD	none	Colin Patrick

Crocidolite = Blue Asbestos, Amosite = Brown Asbestos, Chrysotile = White Asbestos. Anthophyllite, Actinolite and Tremolite are other forms of Asbestos. Samples are analysed by DETSC 1101 using polarised light microscopy in accordance with HSG248 and documented in-house methods. NAD = No Asbestos Detected. Where a sample is NAD, the result is based on analysis of at least 2 sub-samples and should be taken to mean 'no asbestos detected in sample'. Key: * - not included in laboratory scope of accreditation.

Information in Support of the Analytical Results

Our Ref 15-43014
Client Ref
Contract MERTHYR

Containers Received & Deviating Samples

Lab No	Sample ID	Date Sampled	Containers Received	Holding time exceeded for tests	Inappropriate container for tests
855227	WS02 0.10 SOIL	14/08/15	GJ 250ml, PT 1L		
855228	WS01 1.20 SOIL	14/08/15	GJ 250ml, PT 1L		
855229	WS01 0.50 SOIL	14/08/15	GJ 250ml, PT 1L		
855230	WS03 0.10 SOIL	14/08/15	GJ 250ml, PT 1L		
855231	WS04 0.10 SOIL	14/08/15	GJ 250ml, PT 1L		
855232	WS05 0.20 SOIL	14/08/15	GJ 250ml, PT 1L		

Key: G-Glass P-Plastic J-Jar T-Tub

DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time and/or inappropriate containers are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

Soil Analysis Notes

Inorganic soil analysis was carried out on a dried sample, crushed to pass a 425µm sieve, in accordance with BS1377.

Organic soil analysis was carried out on an 'as received' sample. Organics results are corrected for moisture and expressed on a dry weight basis.

The Loss on Drying, used to express organics analysis on an air dried basis, is carried out at a temperature of 28°C +/-2°C.

Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-

Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months

Appendix A - Details of Analysis

Method	Parameter	Units	Limit of Detection	Sample Preparation	Sub-Contracted	UKAS	MCERTS
DETSC 2002	Organic matter	%	0.1	Air Dried	No	Yes	Yes
DETSC 2003	Loss on ignition	%	0.01	Air Dried	No	Yes	Yes
DETSC 2008	pH	pH Units	1	Air Dried	No	Yes	Yes
DETSC 2024	Sulphide	mg/kg	10	Air Dried	No	Yes	Yes
DETSC 2076	Sulphate Aqueous Extract as SO ₄	mg/l	10	Air Dried	No	Yes	Yes
DETSC 2084	Total Carbon	%	0.5	Air Dried	No	Yes	Yes
DETSC 2084	Total Organic Carbon	%	0.5	Air Dried	No	Yes	Yes
DETSC 2119	Ammoniacal Nitrogen as N	mg/kg	0.5	Air Dried	No	Yes	Yes
DETSC 2130	Cyanide free	mg/kg	0.1	Air Dried	No	Yes	Yes
DETSC 2130	Cyanide total	mg/kg	0.1	Air Dried	No	Yes	Yes
DETSC 2130	Phenol - Monohydric	mg/kg	0.3	Air Dried	No	Yes	Yes
DETSC 2130	Thiocyanate	mg/kg	0.6	Air Dried	No	Yes	Yes
DETSC 2321	Total Sulphate as SO ₄	%	0.01	Air Dried	No	Yes	Yes
DETSC 2325	Mercury	mg/kg	0.05	Air Dried	No	Yes	Yes
DETSC 3049	Sulphur (free)	mg/kg	0.75	Air Dried	No	Yes	Yes
DETSC2123	Boron (water soluble)	mg/kg	0.2	Air Dried	No	Yes	Yes
DETSC2301	Arsenic	mg/kg	0.2	Air Dried	No	Yes	Yes
DETSC2301	Barium	mg/kg	1.5	Air Dried	No	Yes	Yes
DETSC2301	Beryllium	mg/kg	0.2	Air Dried	No	Yes	Yes
DETSC2301	Cadmium Available	mg/kg	0.1	Air Dried	No	Yes	Yes
DETSC2301	Cadmium	mg/kg	0.1	Air Dried	No	Yes	Yes
DETSC2301	Cobalt	mg/kg	0.7	Air Dried	No	Yes	Yes
DETSC2301	Chromium	mg/kg	0.15	Air Dried	No	Yes	Yes
DETSC2301	Copper	mg/kg	0.2	Air Dried	No	Yes	Yes
DETSC2301	Manganese	mg/kg	20	Air Dried	No	Yes	Yes
DETSC2301	Molybdenum	mg/kg	0.4	Air Dried	No	Yes	Yes
DETSC2301	Nickel	mg/kg	1	Air Dried	No	Yes	Yes
DETSC2301	Lead	mg/kg	0.3	Air Dried	No	Yes	Yes
DETSC2301	Selenium	mg/kg	0.5	Air Dried	No	Yes	Yes
DETSC2301	Zinc	mg/kg	1	Air Dried	No	Yes	Yes
DETSC 3072	Ali/Aro C10-C35	mg/kg	10	As Received	No	Yes	Yes
DETSC 3072	Aliphatic C10-C12	mg/kg	1.5	As Received	No	Yes	Yes
DETSC 3072	Aliphatic C10-C12	mg/kg	10	As Received	No	Yes	Yes
DETSC 3072	Aliphatic C10-C35	mg/kg	10	As Received	No	Yes	Yes
DETSC 3072	Aliphatic C12-C16	mg/kg	1.2	As Received	No	Yes	Yes
DETSC 3072	Aliphatic C12-C16	mg/kg	10	As Received	No	Yes	Yes
DETSC 3072	Aliphatic C16-C21	mg/kg	1.5	As Received	No	Yes	Yes
DETSC 3072	Aliphatic C16-C21	mg/kg	10	As Received	No	Yes	Yes
DETSC 3072	Aliphatic C21-C35	mg/kg	3.4	As Received	No	Yes	Yes
DETSC 3072	Aliphatic C21-C35	mg/kg	3.4	As Received	No	Yes	Yes
DETSC 3072	Aromatic C10-C12	mg/kg	0.9	As Received	No	Yes	Yes
DETSC 3072	Aromatic C10-C12	mg/kg	10	As Received	No	Yes	Yes
DETSC 3072	Aromatic C10-C35	mg/kg	10	As Received	No	Yes	Yes
DETSC 3072	Aromatic C12-C16	mg/kg	0.5	As Received	No	Yes	Yes
DETSC 3072	Aromatic C12-C16	mg/kg	10	As Received	No	Yes	Yes
DETSC 3072	Aromatic C16-C21	mg/kg	0.6	As Received	No	Yes	Yes
DETSC 3072	Aromatic C16-C21	mg/kg	10	As Received	No	Yes	Yes
DETSC 3072	Aromatic C21-C35	mg/kg	1.4	As Received	No	Yes	Yes
DETSC 3072	Aromatic C21-C35	mg/kg	1.4	As Received	No	Yes	Yes
DETS 062	Benzene	mg/kg	0.01	As Received	No	Yes	Yes
DETS 062	Ethylbenzene	mg/kg	0.01	As Received	No	Yes	Yes
DETS 062	Toluene	mg/kg	0.01	As Received	No	Yes	Yes
DETS 062	Xylene	mg/kg	0.01	As Received	No	Yes	Yes
DETS 062	m+p Xylene	mg/kg	0.01	As Received	No	Yes	Yes
DETS 062	o Xylene	mg/kg	0.01	As Received	No	Yes	Yes
DETSC 3311	C10-C24 Diesel Range Organics (DRO)	mg/kg	10	As Received	No	Yes	Yes
DETSC 3311	C24-C40 Lube Oil Range Organics (LORO)	mg/kg	10	As Received	No	Yes	Yes
DETSC 3311	EPH (C10-C40)	mg/kg	10	As Received	No	Yes	Yes

Appendix A - Details of Analysis

Method	Parameter	Units	Limit of Detection	Sample Preparation	Sub-Contracted	UKAS	MCERTS
DETSC 3303	Acenaphthene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Acenaphthylene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Benzo(a)pyrene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Benzo(a)anthracene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Benzo(b)fluoranthene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Benzo(k)fluoranthene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Benzo(g,h,i)perylene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Dibenzo(a,h)anthracene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Fluoranthene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Indeno(1,2,3-c,d)pyrene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Naphthalene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Phenanthrene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Pyrene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3401	PCB 28 + PCB 31	mg/kg	0.01	As Received	No	Yes	Yes
DETSC 3401	PCB 52	mg/kg	0.01	As Received	No	Yes	Yes
DETSC 3401	PCB 101	mg/kg	0.01	As Received	No	Yes	Yes
DETSC 3401	PCB 118	mg/kg	0.01	As Received	No	Yes	Yes
DETSC 3401	PCB 153	mg/kg	0.01	As Received	No	Yes	Yes
DETSC 3401	PCB 138	mg/kg	0.01	As Received	No	Yes	Yes
DETSC 3401	PCB 180	mg/kg	0.01	As Received	No	Yes	Yes
DETSC 3401	PCB Total	mg/kg	0.01	As Received	No	Yes	Yes

Method details are shown only for those determinands listed in Annex A of the MCERTS standard. Anything not included on this list falls outside the scope of MCERTS. No Recovery Factors are used in the determination of results. Results reported assume 100% recovery. Full method statements are available on request.

ANNEX F
Laboratory Soil Geotechnical Test Results

**TEST REPORT
MOISTURE CONTENT**

BS1377: Part 2: 1990 : Clause 3.2

Project No: D5298-15

Client: Terra Firma (Wales) Ltd

Project Name: Merthyr

Address: Unit 5,
Deryn Court,
Wharfedale Road,
Cardiff,
CF23 7HB

ATS Sample No: 6803

Site Ref / Hole ID: WS01

Depth (m): 0.80

Sample No:

Sample Type: Disturbed

**Sampling Certificate
Received:** No

Material Description: Grey brown gravelly
slightly sandy SILT

Location in Works: Unknown

Material Source: N/A

Date Sampled: Unknown

Material Supplier: N/A

Sampled By: Client

Specification: BS1377

Date Received: 17 August 2015

Date Tested: 19 August 2015

Test Results

Moisture Content (%)

25

Remarks:

QA Ref.

BS1377-2
Rev. 2.0



Apex Testing Solutions

Stunni Way, Village Farm Industrial Est,
Pyle, Bridgend, CF33 6BZ

Tel: 01656 746762 Fax: 01656 749096



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Approver

K Maiden

L Maiden, Laboratory Supervisor

Date

26/08/2015

Fig

MC 1

TEST REPORT
MOISTURE CONTENT

BS1377: Part 2: 1990 : Clause 3.2

Project No: D5298-15

Client: Terra Firma (Wales) Ltd

Project Name: Merthyr

Address: Unit 5,
Deryn Court,
Wharfedale Road,
Cardiff,
CF23 7HB

ATS Sample No: 6804

Site Ref / Hole ID: WS01

Depth (m): 3.00

Sample No:

Sample Type: Disturbed

**Sampling Certificate
Received:** No

Material Description: Brown slightly gravelly
slightly sandy CLAY

Location in Works: Unknown

Material Source: N/A

Date Sampled: Unknown

Material Supplier: N/A

Sampled By: Client

Specification: BS1377

Date Received: 17 August 2015

Date Tested: 19 August 2015

Test Results

Moisture Content (%)

12

Remarks:

QA Ref.

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Approver

R Maiden

Date

26/08/2015

Fig

MC 2

L Maiden, Laboratory Supervisor

TEST REPORT
MOISTURE CONTENT
BS1377: Part 2: 1990 : Clause 3.2

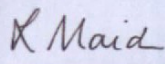
Project No: D5298-15 Project Name: Merthyr ATS Sample No: 6805	Client: Terra Firma (Wales) Ltd Address: Unit 5, Deryn Court, Wharfedale Road, Cardiff, CF23 7HB
---	---

Site Ref / Hole ID: WS02 Sample No: Sampling Certificate Received: No Location in Works: Unknown Date Sampled: Unknown Sampled By: Client Date Received: 17 August 2015	Depth (m): 1.50 Sample Type: Disturbed Material Description: Grey brown slightly gravelly slightly sandy CLAY Material Source: N/A Material Supplier: N/A Specification: BS1377 Date Tested: 19 August 2015
--	--

Test Results

Moisture Content (%)	14
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Remarks:

QA Ref. BS1377-2 Rev. 2.0	 Apex Testing Solutions Sturmi Way, Village Farm Industrial Est, Pyle, Bridgend, CF33 6BZ Tel: 01656 746762 Fax: 01656 749096	 7771	Approver  L. Maiden, Laboratory Supervisor	Date 26/08/2015	Fig MC 3
--	---	---	---	---------------------------	---------------------------

TEST REPORT
MOISTURE CONTENT
BS1377: Part 2: 1990 : Clause 3.2

Project No: D5298-15

Client: Terra Firma (Wales) Ltd

Project Name: Merthyr

Address: Unit 5,
Deryn Court,
Wharfedale Road,
Cardiff,
CF23 7HB

ATS Sample No: 6806

Site Ref / Hole ID: WS02

Depth (m): 2.50

Sample No:

Sample Type: Disturbed

**Sampling Certificate
Received:** No

Material Description: Grey brown slightly
gravelly sandy CLAY

Location in Works: Unknown

Material Source: N/A

Date Sampled: Unknown

Material Supplier: N/A

Sampled By: Client

Specification: BS1377

Date Received: 17 August 2015

Date Tested: 19 August 2015

Test Results

Moisture Content (%)

11

Remarks:

QA Ref.

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Approver

R. Maiden

Date

26/08/2015

Fig

MC 4

L Maiden, Laboratory Supervisor

TEST REPORT
MOISTURE CONTENT
BS1377: Part 2: 1990 : Clause 3.2

Project No: D5298-15

Client: Terra Firma (Wales) Ltd

Project Name: Merthyr

Address: Unit 5,
Deryn Court,
Wharfedale Road,
Cardiff,
CF23 7HB

ATS Sample No: 6807

Site Ref / Hole ID: WS04

Depth (m): 3.75

Sample No:

Sample Type: Disturbed

**Sampling Certificate
Received:** No

Material Description: Grey brown slightly
gravelly slightly sandy
CLAY

Location in Works: Unknown

Material Source: N/A

Date Sampled: Unknown

Material Supplier: N/A

Sampled By: Client

Specification: BS1377

Date Received: 17 August 2015

Date Tested: 19 August 2015

Test Results

Moisture Content (%)

13

Remarks:

QA Ref.

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Approver

K Maiden

Date

26/08/2015

Fig

MC 5

L Maiden, Laboratory Supervisor

TEST REPORT
MOISTURE CONTENT

BS1377: Part 2: 1990 : Clause 3.2

Project No: D5298-15

Client: Terra Firma (Wales) Ltd

Project Name: Merthyr

Address: Unit 5,
Deryn Court,
Wharfedale Road,
Cardiff,
CF23 7HB

ATS Sample No: 6808

Site Ref / Hole ID: WS05

Depth (m): 1.80

Sample No:

Sample Type: Disturbed

**Sampling Certificate
Received:** No

Material Description: Brown grey slightly
gravelly sandy CLAY

Location in Works: Unknown

Material Source: N/A

Date Sampled: Unknown

Material Supplier: N/A

Sampled By: Client

Specification: BS1377

Date Received: 17 August 2015

Date Tested: 19 August 2015

Test Results

Moisture Content (%)

12

Remarks:

QA Ref.

BS1377-2
Rev. 2.0



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Pyle, Bridgend, CF33 6BZ

Tel: 01656 746762 Fax: 01656 749096



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Approver

L Maiden

Date

26/08/2015

Fig

MC 6

L Maiden, Laboratory Supervisor

TEST REPORT
LIQUID LIMIT, PLASTIC LIMIT & PLASTICITY INDEX
BS 1377:Part 2:1990: Clause 4.3/5.3/5.4

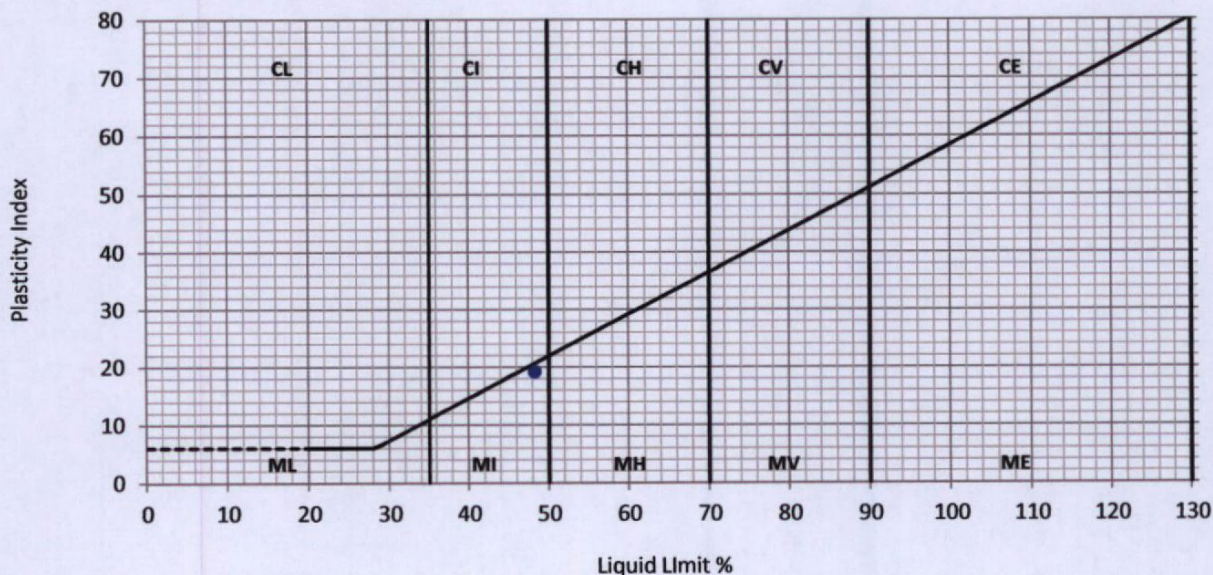
Project No: D5298-15	Client: Terra Firma (Wales) Ltd	
Project Name: Merthyr	Address: Unit 5, Deryn Court, Wharfedale Road, Cardiff, CF23 7HB	
ATS Sample No: 6803		

Site Ref / Hole ID: WS01	Depth (m): 0.80	
Sample No:	Sample Type: Disturbed	
Sampling Certificate Received: No	Material Description: Grey brown gravelly slightly sandy SILT	
Location in Works: Unknown	Material Source: N/A	
Date Sampled: Unknown	Material Supplier: N/A	
Sampled By: Client	Specification: BS1377	
Date Received: 17 August 2015	Date Tested: 25 August 2015	

Test Results

Liquid Limit	48	%
Plastic Limit	29	%
Plasticity Index	19	%

Preparation:	4.2.4 Sieved Specimen
Proportion retained on 425µm sieve:	36 %



Remarks:

QA Ref.		Apex Testing Solutions Sturmi Way, Village Farm Industrial Est, Pyle, Bridgend, CF33 6BZ Tel: 01656 746762 Fax: 01656 749096	 7771	Approver <i>K Maid</i>	Date 26/08/2015	Fig. ATT 1
BS1377-2 Rev 3.0					L Maiden, Laboratory Supervisor	

TEST REPORT
LIQUID LIMIT, PLASTIC LIMIT & PLASTICITY INDEX
BS 1377:Part 2:1990: Clause 4.3/5.3/5.4

Project No: D5298-15

Project Name: Merthyr

ATS Sample No: 6804

Client: Terra Firma (Wales) Ltd

Address: Unit 5,
Deryn Court,
Wharfedale Road,
Cardiff,
CF23 7HB

Site Ref / Hole ID: WS01

Sample No:

Sampling Certificate Received: No

Location in Works: Unknown

Date Sampled: Unknown

Sampled By: Client

Date Received: 17 August 2015

Depth (m): 3.00

Sample Type: Disturbed

Material Description: Brown slightly gravelly slightly sandy CLAY

Material Source: N/A

Material Supplier: N/A

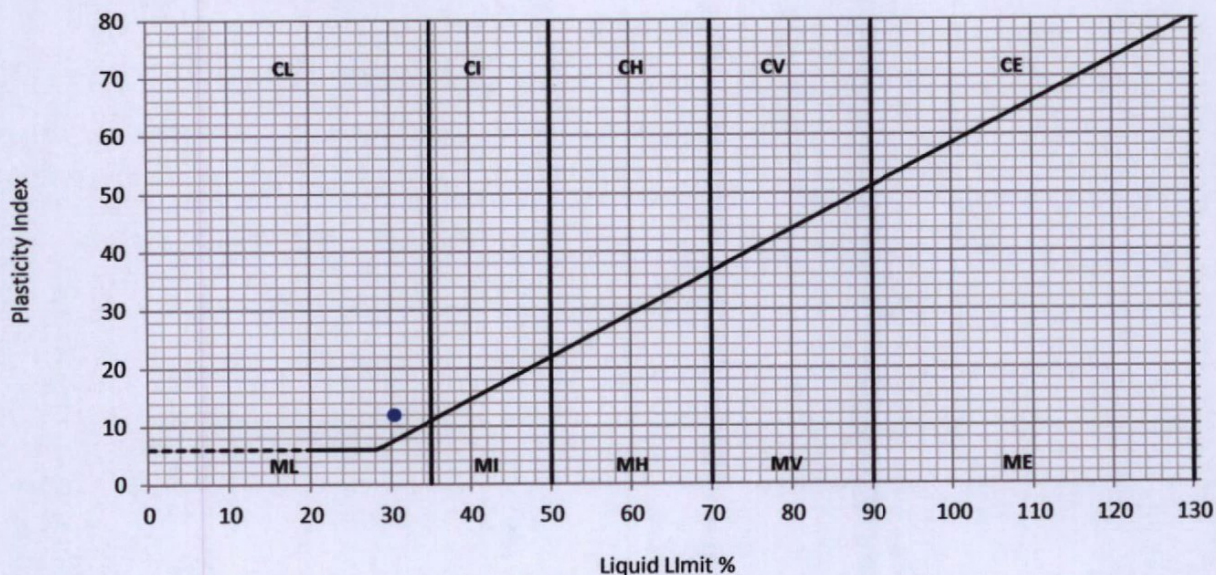
Specification: BS1377

Date Tested: 24 August 2015

Test Results

Liquid Limit	30	%
Plastic Limit	18	%
Plasticity Index	12	%

Preparation:	4.2.4 Sieved Specimen
Proportion retained on 425µm sieve:	28 %



Remarks:

QA Ref.

BS1377-2
Rev 3.0



Apex Testing Solutions

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Tel: 01656 746762 Fax: 01656 749096



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Approver

R. Maiden

L. Maiden, Laboratory Supervisor

Date

26/08/2015

Fig.

ATT 2

TEST REPORT
LIQUID LIMIT, PLASTIC LIMIT & PLASTICITY INDEX
BS 1377:Part 2:1990: Clause 4.3/5.3/5.4

Project No: D5298-15
Project Name: Merthyr
ATS Sample No: 6805

Client: Terra Firma (Wales) Ltd
Address: Unit 5,
Deryn Court,
Wharfedale Road,
Cardiff,
CF23 7HB

Site Ref / Hole ID: WS02

Depth (m): 1.50

Sample No:

Sample Type: Disturbed

Sampling Certificate Received: No

Material Description: Grey brown slightly gravelly slightly sandy CLAY

Location in Works: Unknown

Material Source: N/A

Date Sampled: Unknown

Material Supplier: N/A

Sampled By: Client

Specification: BS1377

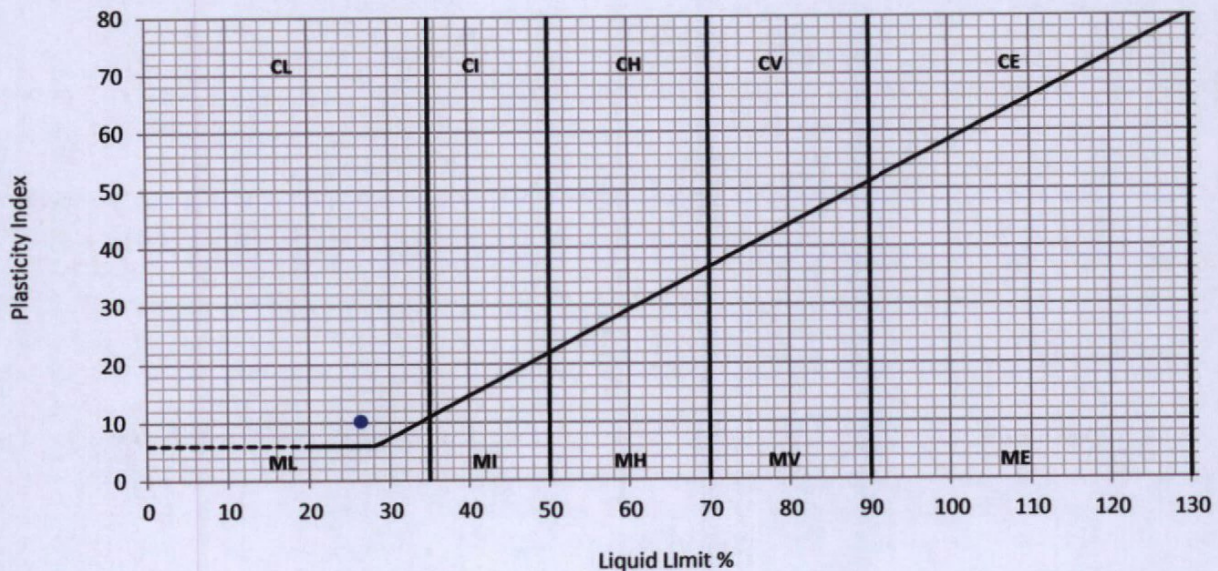
Date Received: 17 August 2015

Date Tested: 25 August 2015

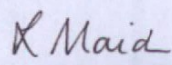
Test Results

Liquid Limit	26	%
Plastic Limit	16	%
Plasticity Index	10	%

Preparation:	4.2.4 Sieved Specimen
Proportion retained on 425µm sieve:	23 %



Remarks:

QA Ref.	 Apex Testing Solutions Sturmi Way, Village Farm Industrial Est, Pyle, Bridgend, CF33 6BZ Tel: 01656 746762 Fax: 01656 749096	 7771	Approver	Date	Fig. ATT 3
BS1377-2 Rev 3.0			 L. Maiden, Laboratory Supervisor	26/08/2015	

TEST REPORT
LIQUID LIMIT, PLASTIC LIMIT & PLASTICITY INDEX
BS 1377:Part 2:1990: Clause 4.3/5.3/5.4

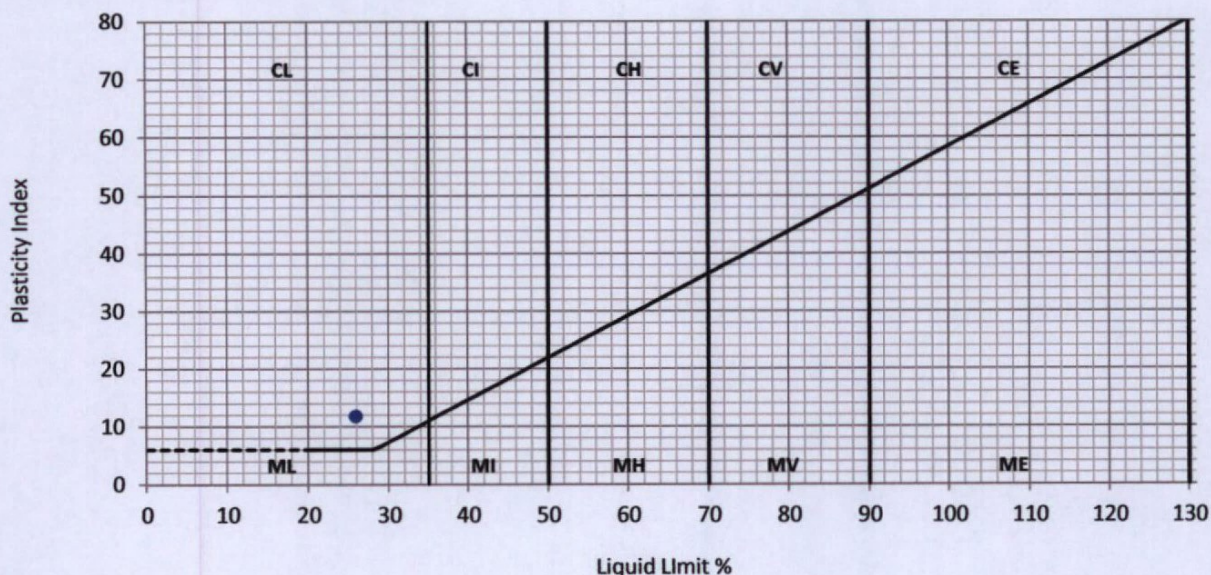
Project No: D5298-15	Client: Terra Firma (Wales) Ltd	
Project Name: Merthyr	Address: Unit 5, Deryn Court, Wharfedale Road, Cardiff, CF23 7HB	
ATS Sample No: 6806		

Site Ref / Hole ID: WS02	Depth (m): 2.50	
Sample No:	Sample Type: Disturbed	
Sampling Certificate Received: No	Material Description: Grey brown slightly gravelly sandy CLAY	
Location in Works: Unknown	Material Source: N/A	
Date Sampled: Unknown	Material Supplier: N/A	
Sampled By: Client	Specification: BS1377	
Date Received: 17 August 2015	Date Tested: 25 August 2015	

Test Results

Liquid Limit	26	%
Plastic Limit	14	%
Plasticity Index	12	%

Preparation:	4.2.4 Sieved Specimen
Proportion retained on 425µm sieve:	25 %



Remarks:

QA Ref.		Apex Testing Solutions Sturmi Way, Village Farm Industrial Est, Pyle, Bridgend, CF33 6BZ Tel: 01656 746762 Fax: 01656 749096	 7771	Approver <i>K Maid</i> L Maiden, Laboratory Supervisor	Date 26/08/2015	Fig. ATT 4
BS1377-2 Rev 3.0						

TEST REPORT
LIQUID LIMIT, PLASTIC LIMIT & PLASTICITY INDEX
BS 1377:Part 2:1990: Clause 4.3/5.3/5.4

Project No: D5298-15

Client: Terra Firma (Wales) Ltd

Project Name: Merthyr

Address: Unit 5,
Deryn Court,
Wharfedale Road,
Cardiff,
CF23 7HB

ATS Sample No: 6807

Site Ref / Hole ID: WS04

Depth (m): 3.75

Sample No:

Sample Type: Disturbed

Sampling Certificate Received: No

Material Description: Grey brown slightly gravelly slightly sandy CLAY

Location in Works: Unknown

Material Source: N/A

Date Sampled: Unknown

Material Supplier: N/A

Sampled By: Client

Specification: BS1377

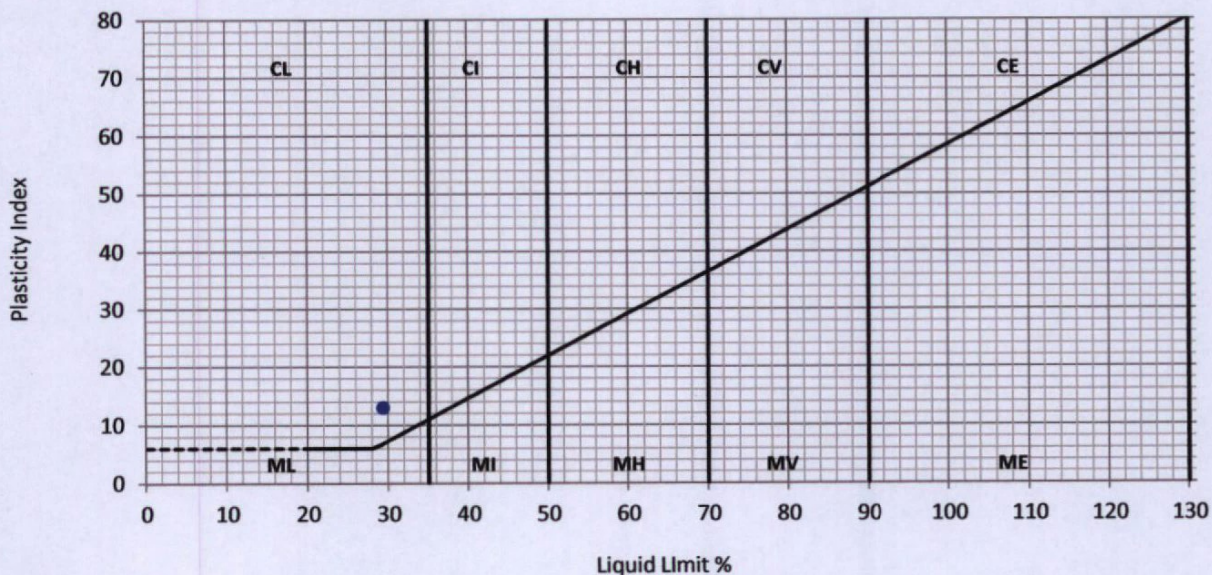
Date Received: 17 August 2015

Date Tested: 25 August 2015

Test Results

Liquid Limit	29	%
Plastic Limit	16	%
Plasticity Index	13	%

Preparation:	4.2.4 Sieved Specimen
Proportion retained on 425µm sieve:	21 %



Remarks:

QA Ref.

BS1377-2

Rev 3.0



Apex Testing Solutions

Sturmi Way, Village Farm Industrial Est, Pyle,
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Approver

K Maid

L Maiden, Laboratory Supervisor

Date

26/08/2015

Fig.

ATT 5

TEST REPORT
LIQUID LIMIT, PLASTIC LIMIT & PLASTICITY INDEX
BS 1377:Part 2:1990: Clause 4.3/5.3/5.4

Project No: D5298-15

Client: Terra Firma (Wales) Ltd

Project Name: Merthyr

Address: Unit 5,
Deryn Court,
Wharfedale Road,
Cardiff,
CF23 7HB

ATS Sample No: 6808

Site Ref / Hole ID: WS05

Depth (m): 1.80

Sample No:

Sample Type: Disturbed

Sampling Certificate Received: No

Material Description: Brown grey slightly gravelly sandy CLAY

Location in Works: Unknown

Material Source: N/A

Date Sampled: Unknown

Material Supplier: N/A

Sampled By: Client

Specification: BS1377

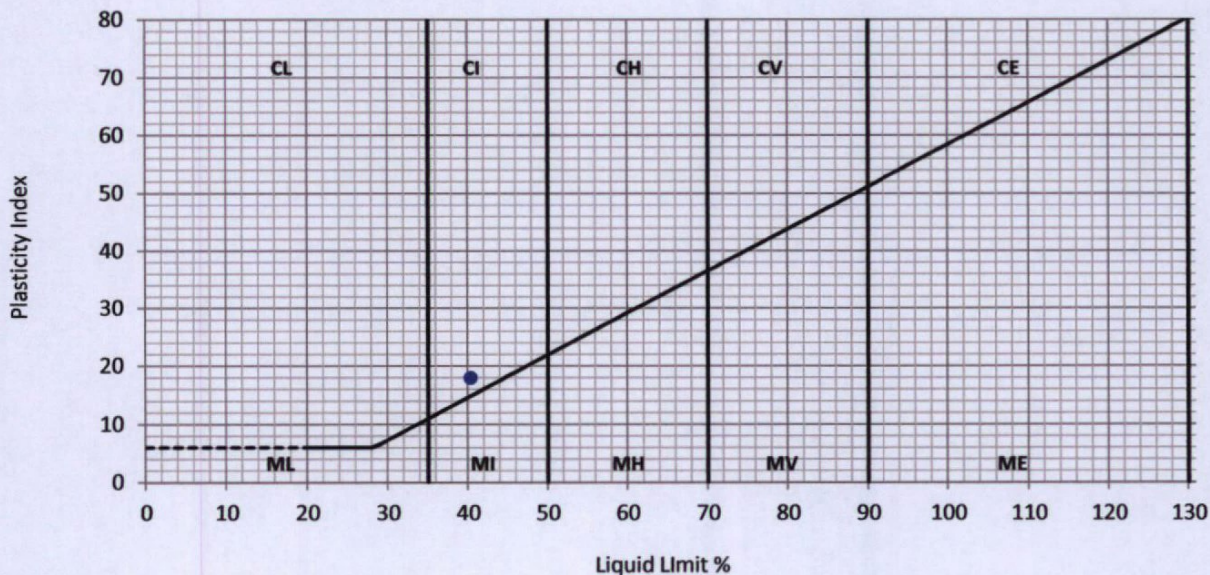
Date Received: 17 August 2015

Date Tested: 25 August 2015

Test Results

Liquid Limit	40	%
Plastic Limit	22	%
Plasticity Index	18	%

Preparation:	4.2.4 Sieved Specimen
Proportion retained on 425µm sieve:	22 %



Remarks:

QA Ref.

BS1377-2

Rev 3.0



Apex Testing Solutions

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Bridgend, CF33 6BZ
Tel: 01656 746762 Fax: 01656 749096



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Approver

R. Maid

L Maiden, Laboratory Supervisor

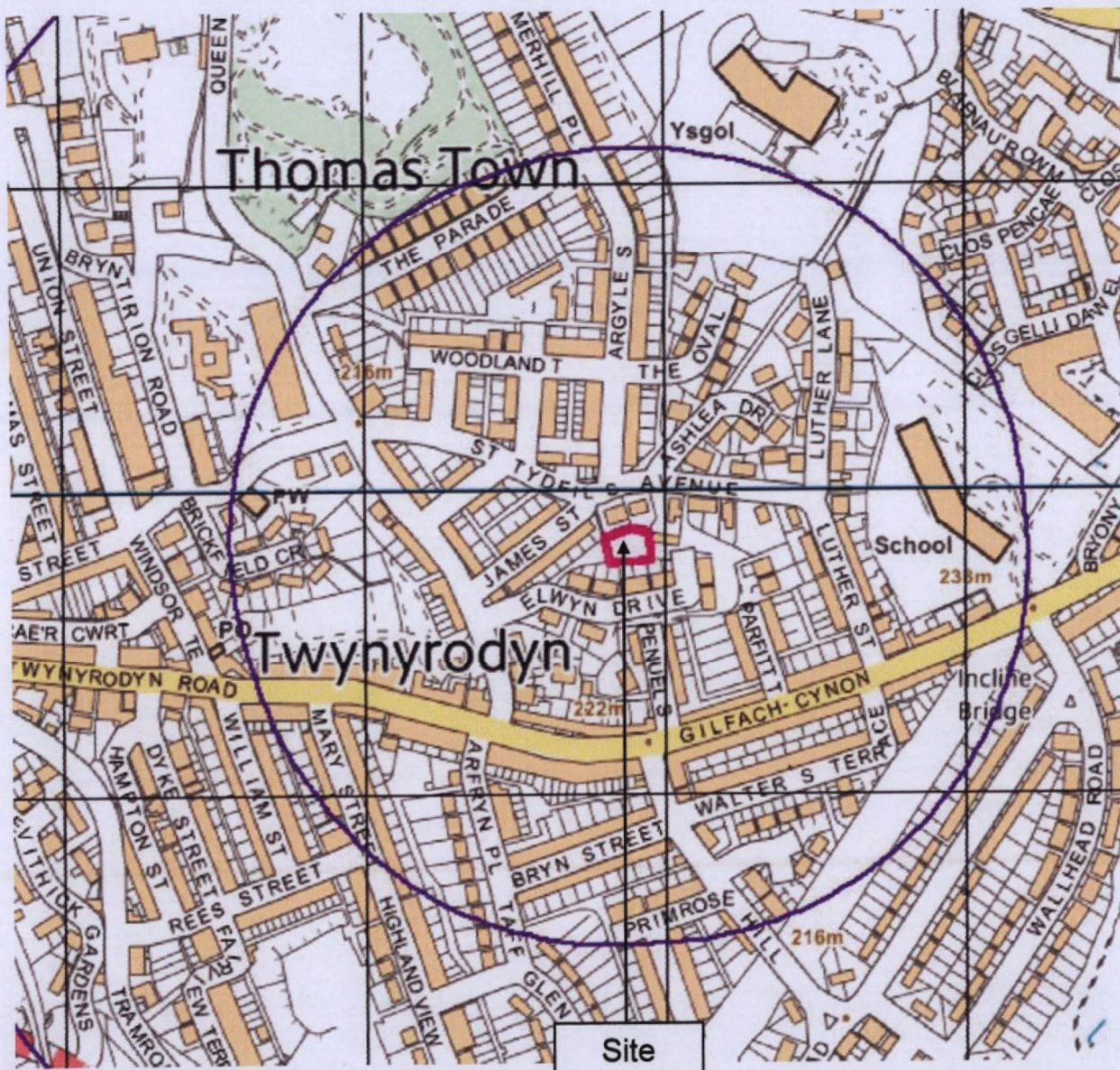
Date

26/08/2015

Fig.

ATT 6

Drawings



Job Number:

13319

Job Title:

Elwyn Drive, Merthyr

Drawing Title:

Site Location

Drawing Number:

01

Scale:

Not To Scale

North





Job Number:

13319

Job Title:

Elwyn Drive, Merthyr

Drawing Title:

Site Layout

Drawing Number:

02

Scale:

Not To Scale

Legend:

- WS01 – WS05 Location of windowless sampling boreholes
- RBH Location of rotary (open hole) boreholes



Job Number:

13319

Job Title:

Elwyn Drive, Merthyr

Drawing Title:

Proposed Site Layout

Drawing Number:

03

Scale:

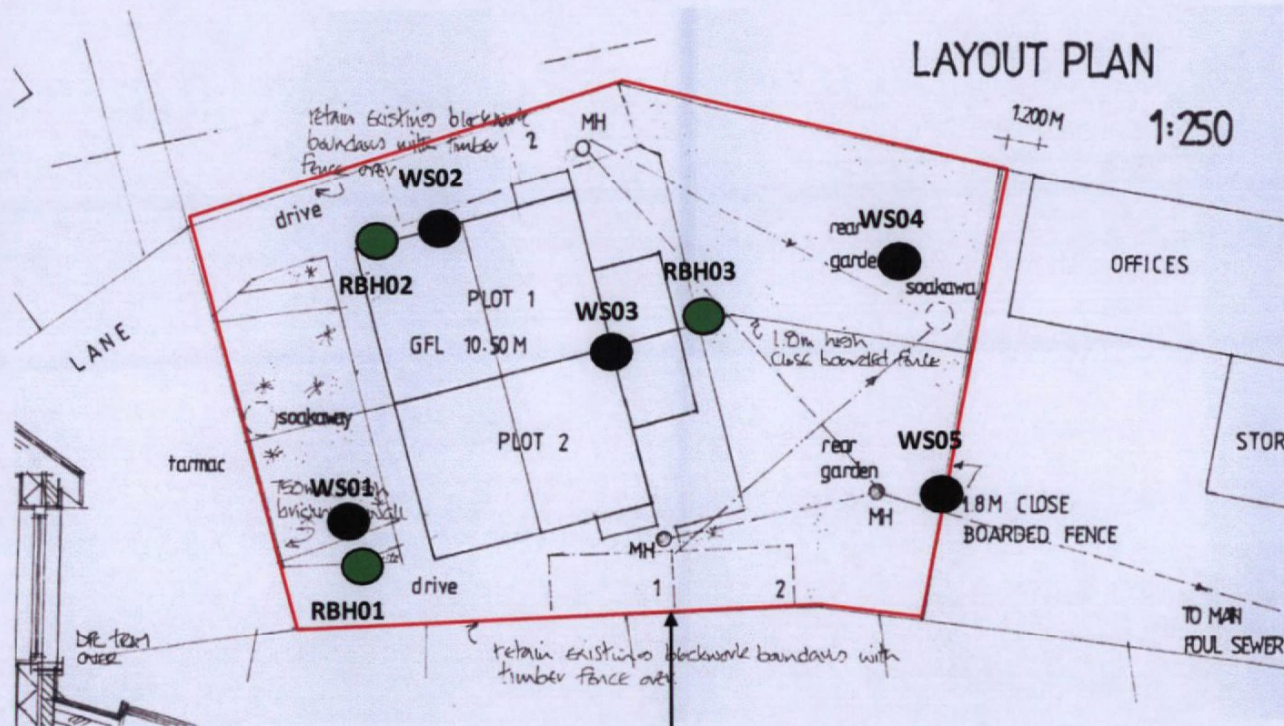
Not To Scale

Legend:

-  WS01 – WS05 Location of windowless sampling boreholes
-  RBH Location of rotary (open hole) boreholes

LAYOUT PLAN

1:250



Site