

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NW (S)	417	2	383850 411600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	428	2	383800 411600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (W)	439	2	383450 412250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	445	2	383750 411600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	452	2	384450 412058
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	453	2	384450 412000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	463	2	384450 412150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NE (S)	466	2	384000 411550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	474	2	384450 412200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	475	2	384050 411550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	485	2	384100 411550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (W)	486	2	383400 412250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	490	2	383900 412600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NW (S)	492	2	383750 411550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (SE)	499	2	384150 411550
1	Contaminated Land Register Entries and Notices Location: Bay Street Allotments, Land Opposite Bay And Ash Street, Heywood Notice Type: Contaminated Land Record Of Determination Reference: CL021 Dated: 22nd November 2010 Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A9SE (SE)	976	3	384706 411353
2	Discharge Consents Operator: R A Johnson Property Type: Sewage Disposal Works - Other Location: White Ash Stp White Ash/White Ash Terrace, Birtle, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016993194 Permit Version: 1 Effective Date: 28th August 1997 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Tack Lea Brook Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	453	4	383530 412400

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3	Discharge Consents Operator: J W Lees & Co (Brewers) Ltd Property Type: Public Houses & Bars Location: Pack Horse Inn Elbut Lane, Birtle, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016991241 Permit Version: 3 Effective Date: 20th June 2001 Issued Date: 20th June 2001 Revocation Date: Not Supplied Discharge Type: Sewage And Trade Combined - Unspecified Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Tack Lea Brook Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A18SW (NW)	471	4	383610 412490
4	Discharge Consents Operator: J W Lees & Co (Brewers) Ltd Property Type: Public Houses & Bars Location: Pack Horse Inn Elbut Lane, Birtle, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Tacklee Brook Reference: 016993234 Permit Version: 1 Effective Date: 1st April 1997 Issued Date: 23rd January 1998 Revocation Date: 1st April 1997 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Tack Lee Brook Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A18SW (NW)	571	4	383600 412600
4	Discharge Consents Operator: J W Lees & Co (Brewers) Ltd Property Type: Public Houses & Bars Location: Pack Horse Inn Elbut Lane, Birtle, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Upper Mersey Reference: 016991241 Permit Version: 2 Effective Date: 16th April 1992 Issued Date: Not Supplied Revocation Date: 19th June 2001 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Tack Lea Brook Status: Consent revoked or revised: New Consent issued (Section 37(1)) Positional Accuracy: Located by supplier to within 100m	A18SW (NW)	571	4	383600 412600
4	Discharge Consents Operator: J W Lees & Co (Brewers) Ltd Property Type: Public Houses & Bars Location: Pack Horse Inn Elbut Lane, Birtle, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016991241 Permit Version: 1 Effective Date: 26th February 1988 Issued Date: Not Supplied Revocation Date: 15th April 1992 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Tack Lea Brook Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A18SW (NW)	571	4	383600 412600

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5	Discharge Consents Operator: Bury Health Care Nhs Trust Property Type: Sewage Disposal Works - Other Location: Fairfield Hospital, Rochdale Old Road, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016990354 Permit Version: 1 Effective Date: 15th March 1982 Issued Date: Not Supplied Revocation Date: 20th June 2011 Discharge Type: Storm /emergency overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Trib River Roch Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	647	4	383500 411500
6	Discharge Consents Operator: Mr & Mrs D Makin Property Type: Domestic Property (Single) Location: Stp Derving Delph House Fm, Elbut Lane, Birtle, Bury, BL9 7tu Authority: Environment Agency, North West Region Catchment Area: Tacklee Brook Reference: 016983359 Permit Version: 1 Effective Date: 2nd September 1999 Issued Date: 2nd September 1999 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tack Lee Brook Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	688	4	383350 412550
7	Discharge Consents Operator: United Utilities Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: Heywood (Botany Stw) Cso, Rochdale, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016950082 Permit Version: 1 Effective Date: 23rd April 1976 Issued Date: 23rd April 1976 Revocation Date: 30th June 2005 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Roch Status: Consent revoked or revised: New Consent issued (Section 37(1)) Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	798	4	384600 411500
8	Discharge Consents Operator: United Utilities Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: Heywood (Botany Stw) Cso, Rochdale, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016950082 Permit Version: 3 Effective Date: 29th April 2014 Issued Date: 29th April 2014 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Roch Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A9NE (SE)	852	4	384642 411467

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	Discharge Consents Operator: United Utilities Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: Heywood (Botany Stw) Cso, Rochdale, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016950082 Permit Version: 2 Effective Date: 1st July 2005 Issued Date: 1st July 2005 Revocation Date: 28th April 2014 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Roch Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A9NE (SE)	855	4	384640 411460
9	Discharge Consents Operator: Mrs R. Unsworth Property Type: Mixed Farming Location: Openshaw Farm Elbut Lane, Birtle, Bury, Lancashire, B19 6us Authority: Environment Agency, North West Region Catchment Area: Roch Reference: 016992322 Permit Version: 1 Effective Date: 1st October 1996 Issued Date: 1st October 1996 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Cheesden Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	858	4	383520 412880
9	Discharge Consents Operator: John & Joan Unsworth Property Type: Mixed Farming Location: Openshaw Farm Elbut Lane, Birtle, Bury, Lancashire, B19 6us Authority: Environment Agency, North West Region Catchment Area: Roch Reference: 016992322 Permit Version: 1 Effective Date: 1st October 1996 Issued Date: 1st October 1996 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Cheesden Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	858	4	383520 412880
10	Discharge Consents Operator: Mr Peter Marsden & Mrs Gwyneth Marsden Property Type: Domestic Property (Single) Location: Thornyhurst Farm, Birtle Road, Bury, Lancashire, B19 6uu Authority: Environment Agency, North West Region Catchment Area: Roch Reference: 016993818 Permit Version: 1 Effective Date: 22nd December 2005 Issued Date: 22nd December 2005 Revocation Date: 22nd December 2017 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Groundwater Via A Soakaway Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A18NE (N)	907	4	383946 413018

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11	Prosecutions Relating to Controlled Waters Location: Pack Horse Inn, Elbut Lane, BURY, Lancashire, BL9 7TU Prosecution Text: EA News Release 22/06/1999 (Case 2 of 2), Breaching discharge consent limits of sewage effluent into a tributary of Tack Lea Brook on three occasions between January and July 1998. (Costs are for both cases.) Prosecution Act: WRA91 s85(6) Hearing Date: 22nd June 1999 Verdict: Guilty Fine: 4500 Cost: 650 Positional Accuracy: Manually positioned to the address or location	A18SW (NW)	514	4	383589 412528
12	Local Authority Pollution Prevention and Controls Name: Save Service Station Location: 602-621 Rochdale Old Road, BURY, Lancashire, BL9 7RZ Authority: Bury Metropolitan Borough Council, Environmental Health Department Permit Reference: LAPPC05-06 Dated: 1st November 2000 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Manually positioned to the address or location	A12SE (SW)	331	5	383569 411887
	Nearest Surface Water Feature	A13NW (N)	0	-	383924 412083
13	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: Tack Lee Bk; No Pollution Found Incident Date: 4th October 1995 Incident Reference: 95622460 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SW (NW)	404	4	383600 412400
14	Pollution Incidents to Controlled Waters Property Type: Hospital Location: Behind Fairfield Hospital, BURY Authority: Environment Agency, North West Region Pollutant: Crude Sewage Note: Milky-White Effluent On River Roch Incident Date: 13th July 1998 Incident Reference: SO981261 Catchment Area: Roch Receiving Water: Freshwater Stream/River Cause of Incident: Ineffective Pumping Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NW (S)	428	4	383800 411600
15	Pollution Incidents to Controlled Waters Property Type: Private Sewage: Sewage Works And Septic Tanks Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Sewage - Septic Tank Effluent Note: Kingfisher Lodge; Septic Tank Effluent Incident Date: 23rd January 1996 Incident Reference: 96620147 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NE (NW)	473	4	383500 412395
16	Pollution Incidents to Controlled Waters Property Type: Textile industry Location: Tack Lee Brook Authority: Environment Agency, North West Region Pollutant: Chemicals - Paints / Dyes Note: White And Foamy Incident Date: 3rd April 1998 Incident Reference: SO980626 Catchment Area: Roch Receiving Water: Freshwater Stream/River Cause of Incident: Ineffective Pumping Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	684	4	384600 411700

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17	Pollution Incidents to Controlled Waters Property Type: No Premises Identified Location: Laver Lomax Farm, Heywood, HEYWOOD, Greater Manchester Authority: Environment Agency, North West Region Pollutant: No Pollutant Note: Not Supplied Incident Date: 9th November 1999 Incident Reference: 34053 Catchment Area: Roch Receiving Water: River Stretch (Freshwater) Cause of Incident: Other Cause Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m	A8NW (SW)	687	4	383600 411400
18	Pollution Incidents to Controlled Waters Property Type: Private Sewage (Non-PLC): Pumping Station Location: White Substance In , Tributary At Rear Of, Fairfield Hospital Authority: Environment Agency, North West Region Pollutant: Crude Sewage Note: Tributary River Roch; Crude Sewage Incident Date: 13th November 1997 Incident Reference: 97621916 Catchment Area: Roch Receiving Water: Freshwater Stream/River Cause of Incident: Ineffective Pumping Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	709	4	383400 411500
19	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: River Roch; No Pollution Found Incident Date: 22nd June 1995 Incident Reference: 95621509 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	773	4	384700 411700
20	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: Tributary River Roch; No Pollution Found Incident Date: 7th July 1995 Incident Reference: 95621672 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	854	4	383000 412000
21	Pollution Incidents to Controlled Waters Property Type: Private Sewage (Non-PLC): Sewerage Systems Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Crude Sewage Note: Not Supplied Incident Date: 3rd December 1995 Incident Reference: 95622902 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Blocked Sewer Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	876	4	384700 411500
22	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: Cheesden Brook; None Pollution Found Incident Date: 24th May 1995 Incident Reference: 95621226 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	930	4	384200 413000

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23	Prosecutions Relating to Authorised Processes Location: Land At Birtle Mill, Elbut Lane, Old Birtle, Bury, Lancashire, BL9 Prosecution Text: 40 Cubic Metres Of Wood-Waste Dumped And Burnt On Land Without A Wml Prosecution Act: Epa90 S33(1)(A) & S34 Hearing Date: 20th January 2003 Verdict: Guilty Fine: 16000 Costs: 1766 Positional Accuracy: Manually positioned within the geographical locality	A12NE (NW)	374	4	383569 412323
	River Quality Name: Roch GQA Grade: River Quality C Reach: Rochdale Stw To Irwell Estimated Distance (km): 15.2 Flow Rate: Flow less than 20 cumecs Flow Type: River Year: 2000	A8SW (S)	642	4	383870 411370
	River Quality Name: Cheesden Bk GQA Grade: River Quality A Reach: Qsl At Deeply Vale To Naden Bk Estimated Distance (km): 5.1 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A19SE (NE)	810	4	384680 412502
24	Water Abstractions Operator: Melba Products Limited Licence Number: 2569002149 Permit Version: Not Supplied Location: Four Reservoirs Fed By Spring, & Surface Drainage Authority: Environment Agency, North West Region Abstraction: Boiler Feed & Manufacturing Abstraction Type: Not Supplied Source: River Daily Rate (m3): 273 Yearly Rate (m3): 68190 Details: Additional Purpose: Boiler feed; Licence Status: Revoked 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	A13NW (W)	59	4	383800 412100
25	Water Abstractions Operator: A Cleasby Ltd Licence Number: 2569002267 Permit Version: 100 Location: Borehole At Lower Tack Lea Farm Bury Authority: Environment Agency, North West Region Abstraction: General Agriculture; General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 16 Yearly Rate (m3): 5913 Details: Land At Lower Tack Lea Farm, Bury Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 22nd May 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NW (N)	112	4	383890 412220
26	Water Abstractions Operator: A Cleasby Limited Licence Number: 2569014032 Permit Version: Not Supplied Location: Borehole; Lower Tack Lea Farm, Bury & Rochdale Old Road, BURY Authority: Environment Agency, North West Region Abstraction: General Agriculture & Private Water Supply (Domestic) Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 16 Yearly Rate (m3): 5913 Details: Additional Purpose: Domestic - household; Licence Status: Cancelled 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	A13NW (NW)	124	4	383800 412200

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27	Water Abstractions Operator: Wills Fabrics Ltd Licence Number: 2569002142 Permit Version: 100 Location: Borehole At Premises, Birtle Bury Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Boiler Feed Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 218 Yearly Rate (m3): 12729 Details: Birtle Bleach Works, Birtle, Bury Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 29th March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18SW (NW)	347	4	383700 412400
27	Water Abstractions Operator: Wills Fabrics Ltd Licence Number: 2569002142 Permit Version: 100 Location: Borehole At Premises, Birtle Bury Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Birtle Bleach Works, Birtle, Bury Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 29th March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18SW (NW)	347	4	383700 412400
28	Water Abstractions Operator: Mr R Thompson Licence Number: 2569012144 Permit Version: Not Supplied Location: Borehole, Fernises Farm , Grifel Hurst Lane Authority: Environment Agency, North West Region Abstraction: General Agriculture & Private Water Supply (Domestic) Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 9 Yearly Rate (m3): 3319 Details: Additional Purpose: Domestic - household; Licence Status: Revoked 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	A18SE (NE)	470	4	384200 412495
28	Water Abstractions Operator: Mr R Thompson Licence Number: 2569002248 Permit Version: 100 Location: Borehole At Fernises Farm , Grifel Hurst Lane Authority: Environment Agency, North West Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 9 Yearly Rate (m3): 3319 Details: Land/Premises-Fernises Farm,Birtle Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 12th June 1991 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18SE (NE)	475	4	384200 412500

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29	Water Abstractions Operator: Wills Fabrics Ltd Licence Number: 2569002141 Permit Version: 100 Location: Reservoirs (3) Fed By Springs And Surface Drainage At Authority: Environment Agency, North West Region Abstraction: Textiles & Leather: Boiler Feed Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Birtle Bleach Works, Birtle, Bury Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 14th February 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	476	4	383500 412400
29	Water Abstractions Operator: Wills Fabrics Ltd Licence Number: 2569002141 Permit Version: 100 Location: Reservoirs (3) Fed By Springs And Surface Drainage At Authority: Environment Agency, North West Region Abstraction: Textiles And Leather: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Birtle Bleach Works, Birtle, Bury Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 14th February 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	476	4	383500 412400
30	Water Abstractions Operator: Wills Fabrics Ltd Licence Number: 2569002141 Permit Version: 100 Location: Reservoirs (3) Fed By Springs And Surface Drainage At Prem Authority: Environment Agency, North West Region Abstraction: Textiles & Leather: Boiler Feed Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 1659 Yearly Rate (m3): 414822 Details: Birtle Bleach Works, Birtle, Bury Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 14th February 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A12NE (NW)	506	4	383400 412300
30	Water Abstractions Operator: Wills Fabrics Ltd Licence Number: 2569002141 Permit Version: 100 Location: Reservoirs (3) Fed By Springs And Surface Drainage At Prem Authority: Environment Agency, North West Region Abstraction: Textiles And Leather: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Birtle Bleach Works, Birtle, Bury Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 14th February 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	506	4	383400 412300

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31	Water Abstractions Operator: J Chadwick Licence Number: 2569002056 Permit Version: 100 Location: Spring Fed Storage Tank And Catchpit At Carrcroft Farm, Birt Authority: Environment Agency, North West Region Abstraction: General Agriculture; General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 2 Yearly Rate (m3): 664 Details: Carrcroft Farm, Birtle, Bury Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 14th February 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17SW (NW)	976	4	383100 412700
32	Water Abstractions Operator: B & J Ovenden Licence Number: 2569002189 Permit Version: 100 Location: Borehole At Thornhurst Farm, Heywood Authority: Environment Agency, North West Region Abstraction: General Agriculture; General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 9 Yearly Rate (m3): 3032 Details: Thornhurst And Heywood Farms Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 21st February 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A23SE (N)	991	4	384000 413100
	Water Abstractions Operator: R Chadwick Licence Number: 2569002057 Permit Version: 100 Location: Spring Fed Interconnected Tanks (2), At Mount Pleasant Farm, Authority: Environment Agency, North West Region Abstraction: General Agriculture; General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 6 Yearly Rate (m3): 2159 Details: Mount Pleasant Farm, Birtle, Bury Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 14th February 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17NW (NW)	1041	4	383100 412800
	Water Abstractions Operator: North West Water Ltd Licence Number: 2569002263 Permit Version: Not Supplied Location: Cheesden Brook, Simpson Clough, HEYWOOD Authority: Environment Agency, North West Region Abstraction: Not Supplied Abstraction Type: Not Supplied Source: Unknown Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Licence Status: Cancelled 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	A20SW (E)	1251	4	385200 412400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Union Papertech Limited Licence Number: 2569002166 Permit Version: 101 Location: Cheesden Brook At Simpson Clough Heywood Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Boiler Feed Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Simpson Clough, Heywood Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th August 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A20SE (E)	1347	4	385300 412400
	Water Abstractions Operator: Union Papertech Limited Licence Number: 2569002166 Permit Version: 101 Location: Cheesden Brook At Simpson Clough Heywood Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Simpson Clough, Heywood Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th August 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A20SE (E)	1347	4	385300 412400
	Water Abstractions Operator: J R Crompton Ltd Licence Number: 2569002166 Permit Version: 100 Location: Cheesden Brook At Simpson Clough Heywood Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Boiler Feed Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 6219 Yearly Rate (m3): 2136620 Details: Premises At Simpson Clough, Heywood Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 21st May 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A20SE (E)	1347	4	385300 412400
	Water Abstractions Operator: J R Crompton Ltd Licence Number: 2569002166 Permit Version: 100 Location: Cheesden Brook At Simpson Clough Heywood Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Simpson Clough, Heywood Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 21st May 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A20SE (E)	1347	4	385300 412400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: J R Crompton Ltd Licence Number: 2569002255 Permit Version: Not Supplied Location: Simpson Clough, HEYWOOD Authority: Environment Agency, North West Region Abstraction: Industrial: Paper Making Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 2728 Yearly Rate (m3): 954660 Details: Additional Purpose - Industrial Processing (Miscellaneous) 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	A20SE (E)	1375	4	385300 412500
	Water Abstractions Operator: Union Papertech Limited Licence Number: 2569002255 Permit Version: 102 Location: Naden Brook At Simpson Clough, Heywood Authority: Environment Agency, North West Region Abstraction: Paper And Printing: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Simpson Clough Mill, Heywood, Lancs. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th August 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15NE (E)	1376	4	385360 412230
	Water Abstractions Operator: J R Crompton Ltd Licence Number: 2569002255 Permit Version: 101 Location: Naden Brook At Simpson Clough, Heywood Authority: Environment Agency, North West Region Abstraction: Paper And Printing: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Simpson Clough Mill, Heywood, Lancs. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th October 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15NE (E)	1376	4	385360 412230
	Water Abstractions Operator: Mr J B Robinson Licence Number: 2569001195 Permit Version: 100 Location: Borehole On Premises At Birtle, Bury Authority: Environment Agency, North West Region Abstraction: General Agriculture; General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 18 Yearly Rate (m3): 727 Details: Harwood Field Farm, Birtle, Bury Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 27th November 1974 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A16NE (NW)	1556	4	382600 413000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Nwwa Eastern Division Licence Number: 2569002196 Permit Version: Not Supplied Location: Borehole, Ridd Pitt, HEYWOOD Authority: Environment Agency, North West Region Abstraction: Public Water Supply Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 2273 Yearly Rate (m3): 454600 Details: Licence Status: Revoked 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	A24NE (NE)	1776	4	384900 413600
	Water Abstractions Operator: James Swallow Ltd Licence Number: 2569002217 Permit Version: 100 Location: Borehole At Butterworth Fold Farm Bamford Rochdale Authority: Environment Agency, North West Region Abstraction: General Agriculture; General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 91 Yearly Rate (m3): 33186 Details: Butterworth Fold Farm, Bamford Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(E)	1836	4	385800 412400
	Water Abstractions Operator: W H S Blackborough Licence Number: 2569002180 Permit Version: 100 Location: Well At Moor Edge Farm, Bamford, Rochdale Authority: Environment Agency, North West Region Abstraction: General Agriculture; General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 5 Yearly Rate (m3): 1659 Details: Moor Edge Farm, Bamford Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 21st February 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A20NE (NE)	1853	4	385600 412995
	Water Abstractions Operator: Mrs E E Mills Licence Number: 2569002183 Permit Version: 100 Location: Well At Moor Edge Farm, Bamford, Rochdale Authority: Environment Agency, North West Region Abstraction: General Agriculture; General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 7 Yearly Rate (m3): 2489 Details: Lower And Higher Jowkin Farms Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 21st February 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A20NE (NE)	1857	4	385605 412995

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Brother Investments Ltd Licence Number: Nw/069/0002/002 Permit Version: 1 Location: River Roch At Heap Bridge Weir Authority: Environment Agency, North West Region Abstraction: Production Of Energy: Hydroelectric Power Generation Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Heap Bridge Weir, Bury Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 17th September 2010 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A1SW (SW)	1908	4	382536 410666
	Water Abstractions Operator: Raymond Taylor Licence Number: 2569001284 Permit Version: 1 Location: Borehole At Sillinghurst Farm Birtle Bury Authority: Environment Agency, North West Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Sillinghurst Farm, Birtle, Bury Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1919	4	382080 412810
	Water Abstractions Operator: Mr R R Taylor Licence Number: 2569001196 Permit Version: 100 Location: Spring Fed Collecting Tank At Birtle, Bury Authority: Environment Agency, North West Region Abstraction: General Agriculture; General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 14 Yearly Rate (m3): 5001 Details: Sillinghurst Farm, Birtle, Bury Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 25th November 1974 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(NW)	1938	4	382100 412900
	Water Abstractions Operator: C V H F Limited Licence Number: 2569002030 Permit Version: Not Supplied Location: River Roch, Bridge Hall Dye Works, BURY Authority: Environment Agency, North West Region Abstraction: Boiler Feed & Manufacturing Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 2618 Yearly Rate (m3): 436416 Details: Additional Purpose: Manufacturing; Licence Status: Revoked 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	A1SW (SW)	1981	4	382500 410600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: B & J Ovenden Licence Number: 2569002116 Permit Version: 100 Location: Spring Fed Catchpit At Deep Moss Farm, Shuttleworth, Rams Authority: Environment Agency, North West Region Abstraction: General Agriculture; General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 2 Yearly Rate (m3): 582 Details: Deep Moss Farm, Shuttleworth Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 3rd March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A21NE (NW)	1984	4	382700 413700
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (H3)- Coarse textured or moderately shallow soils which readily transmit non-absorbed pollutants and liquid discharges but which have some ability to attenuate absorbed pollutants because of their large clay or organic matter contents Map Sheet: Sheet 11 South Pennines Scale: 1:100,000	A13SE (NE)	0	4	383927 412058
	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 11 South Pennines Scale: 1:100,000	A13SE (NE)	0	4	383927 412058
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SE (NE)	0	2	383927 412058
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13SE (NE)	0	2	383927 412058
	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				
33	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D011 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:	A13SW (SW)	0	4	383911 412028
34	Detailed River Network Lines River Type: Secondary River River Name: Tack Lee Hydrographic Area: D011 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:	A13SW (W)	3	4	383854 412057

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	Detailed River Network Lines River Type: Secondary River River Name: Tack Lee Brook Hydrographic Area: D011 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:	A13SE (SE)	44	4	384002 411980
36	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D011 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:	A13SW (S)	305	4	383808 411728
37	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D011 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:	A13SW (SW)	313	4	383777 411731
38	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A8NW (S)	317	4	383799 411718
39	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D011 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:	A13SW (SW)	325	4	383611 411834
40	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D011 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:	A13NW (NW)	328	4	383624 412317

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
41	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D011 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:	A13NW (NW)	335	4	383617 412320
42	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D011 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)	358	4	384333 412185
43	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D011 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:	A14NW (E)	371	4	384367 412065
44	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D011 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)	380	4	384378 412013
45	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D011 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 (SE)	383	4	384291 411777
46	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Secondary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A14SW (E)	389	4	384384 411981

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
47	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D011 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)	389	4	384384 411981
48	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D011 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)	390	4	384385 411977
49	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D011 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 (SE)	393	4	384311 411787
50	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D011 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)	394	4	384389 411968
51	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Secondary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A14SW (E)	394	4	384389 411968
52	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D011 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)	395	4	384383 411933

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
53	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A12NE (NW)	463	4	383446 412294
54	Detailed River Network Lines River Type: Lake/Reservoir River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A12NE (NW)	476	4	383427 412286
55	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D011 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 (SE)	493	4	384431 411788
56	Detailed River Network Offline Drainage River Type: Secondary River Hydrographic Area: D011	A12NE (NW)	420	4	383553 412376

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
57	BGS Recorded Landfill Sites Site Name: Land off Roughill Lane Location: Jericho, BURY, Gt Manchester Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Good	A12SW (W)	683	-	383210 411834
58	Historical Landfill Sites Licence Holder: Tack Lea Works Limited Location: Birtle Name: Bury And Rochdale Old Road Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15744 First Input Date: 31st December 1971 Last Input Date: 31st December 1980 Specified Waste: Deposited Waste included Inert and Industrial Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4200/9031 BGS Ref: Not Supplied Other Ref: RD/LIC/153/78	A13SW (S)	0	4	383924 412048
59	Historical Landfill Sites Licence Holder: Not Supplied Location: Heywood, Greater Manchester Name: Lower Elbut Farm Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15748 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: D105	A13SE (S)	17	4	383940 411995
60	Historical Landfill Sites Licence Holder: Not Supplied Location: Lower Elbut Farm, Heywood, Greater Manchester Name: Elbut Wood Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15757 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: D106	A13SW (S)	238	4	383822 411794
61	Historical Landfill Sites Licence Holder: J Timperley Location: Jericho, Bury, Greater Manchester Name: Rochdale Old Road Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15749 First Input Date: 25th October 1977 Last Input Date: 31st December 1985 Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4200/9293 BGS Ref: Not Supplied Other Ref: RD/LIC/014/76, C042	A13SW (SW)	282	4	383610 411916

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
62	Historical Landfill Sites Licence Holder: Transparent Paper Limited Location: Broad Oak Terrace, Jericho, Bury Name: Transparent Paper Limited Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15769 First Input Date: 31st December 1974 Last Input Date: 31st December 1986 Specified Waste: Deposited Waste included Inert, Industrial and Special Waste, and Liquid Sludge Type: Sludge EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4200/9172 BGS Ref: Not Supplied Other Ref: C007, RD/LIC/015/76	A8NW (S)	401	4	383887 411611
63	Historical Landfill Sites Licence Holder: Not Supplied Location: Jericho, Bury, Greater Manchester Name: Rochdale Old Road Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15752 First Input Date: 31st October 1966 Last Input Date: 31st December 1975 Specified Waste: Deposited Waste included Industrial, Commercial and Household Waste, and Liquid Sludge Type: Liquid Sludge EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: 1082 Other Ref: C035	A12SW (W)	660	4	383213 411904
64	Historical Landfill Sites Licence Holder: Globegrove Limited / Rochdale Metropolitan Borough Council Location: Peel Lane, Greater Manchester Name: Roach Mill Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15753 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Industrial and Household Waste Type: Not Supplied EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: D037, 0068	A14SE (E)	891	4	384847 411754
65	Historical Landfill Sites Licence Holder: Rochdale Metropolitan Borough Council Location: Heywood, Greater Manchester Name: Peel Lane Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15771 First Input Date: 31st December 1900 Last Input Date: 26th April 1975 Specified Waste: Deposited Waste included Inert, Industrial, Commercial and Household Waste, and Liquid Sludge Type: Waste, and Liquid Sludge EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4200/9662 BGS Ref: 136 Other Ref: D023	A9SE (SE)	978	4	384711 411354
66	Historical Landfill Sites Licence Holder: T Kaberry & Sons Ltd Location: Bury New Road, Rochdale, Heywood, Lancashire Name: Prettywood West Extension Landfill Site Operator Location: Bury New Road, Rochdale, Heywood, Lancashire Boundary Accuracy: As Supplied Provider Reference: EAHLD35951 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Not Supplied Type: Not Supplied EA Waste Ref: 53879 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: Not Supplied	A7SE (SW)	994	4	383335 411194

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
67	Historical Landfill Sites Licence Holder: Thomas Kaberry and Sons Limited Location: Boo Hole, Off Bury New Road, Heywood, Rochdale, Greater Manchester Name: Prettywood Sand Quarry Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD18058 First Input Date: 1st March 1988 Last Input Date: Not Supplied Specified Waste: Deposited Waste included Inert and Industrial Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4200/9240 BGS Ref: Not Supplied Other Ref: 0209, 0387, 0058, 0889, RD/LIC/139/78, D113, RD/LIC/499/87	A7SE (SW)	996	4	383334 411192
68	Historical Landfill Sites Licence Holder: Not Supplied Location: Prettywood, Bury New Road, Hey, Greater Manchester Name: Former Sludge Pits Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15777 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: D104	A7SE (SW)	996	4	383334 411192
69	Licensed Waste Management Facilities (Landfill Boundaries) Name: Prettywood West Extension Landfill Site Licence Number: 53879 Location: Bury New Road, Heywood, Rochdale, Lancashire, OL10 Licence Holder: T Kaberry & Sons Ltd Authority: Environment Agency - North West Region, South Area Site Category: Landfills Taking Non-biodegradable Wastes (Not Construction) Max Input Rate: Not Supplied Licence Status: Revoked Issued: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A7SE (SW)	994	4	383335 411194
	Local Authority Landfill Coverage Name: Rochdale Metropolitan Borough Council - Has no landfill data to supply		0	3	383927 412058
	Local Authority Landfill Coverage Name: Bury Metropolitan Borough Council - Has not been able to supply Landfill data		280	6	383622 411897
70	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A12SE (W)	391	-	383498 411895
71	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A12SE (SW)	421	-	383506 411818
72	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A8NW (SW)	456	-	383672 411621
73	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A17SE (NW)	590	-	383537 412584
74	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A12SW (W)	641	-	383210 412059
75	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A12SW (W)	658	-	383215 411902

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
76	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A18SE (NE)	671	-	384232 412709
77	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A12SW (W)	735	-	383170 411789
78	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A17NE (NW)	770	-	383474 412758
79	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A8SE (S)	897	-	384154 411137
80	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A12NW (W)	931	-	382927 412188
81	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A23SW (N)	986	-	383879 413096
82	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A23SE (N)	993	-	384053 413096
83	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A19NW (N)	994	-	384317 413026
84	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A9SE (SE)	999	-	384715 411329
85	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A13NW (NW)	331	-	383616 412312
86	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1911	A17NE (NW)	800	-	383400 412745
87	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A14SE (E)	955	-	384908 411734
88	Registered Landfill Sites Licence Holder: Tack Lea Works Ltd Licence Reference: 00153 Site Location: Bury & Rochdale Old Road, Birtle, BURY, Lancashire, BL9 7UA Licence Easting: 383850 Licence Northing: 412040 Operator Location: As Site Address Authority: Environment Agency - North West Region, South Area Site Category: Landfill Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 5th November 1982 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: Construction And Demolition Wastes Prohibited Waste: Liquid/Slurry/Sludge Wastes	A13SW (W)	11	4	383850 412040

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
89	Registered Landfill Sites Licence Holder: J Timperley Licence Reference: 00014 Site Location: Rochdale Old Road, Jericho, Bury, Lancashire Licence Easting: 383550 Licence Northing: 411950 Operator Location: As Site Address Authority: Environment Agency - North West Region, South Area Site Category: Landfill Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 25th October 1977 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the road within the address or location Boundary Accuracy: Not Applicable Authorised Waste: Excavated Natural Materials \$ Hardcore And Rubble	A12SE (W)	324	4	383550 411950
90	Registered Landfill Sites Licence Holder: Blundell Flexipack Ltd Licence Reference: 00015/76/M2 Site Location: Broad Oak Terrace, Jericho, Bury, Lancashire Licence Easting: 383800 Licence Northing: 411500 Operator Location: As Site Address Authority: Environment Agency - North West Region, South Area Site Category: Landfill Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: Waste produced/controlled by licence holder Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 22nd September 1983 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: Calcium Sulphate Cellulose Wastes (Natural/Synth.) Construction And Demolition Wastes	A8NW (S)	525	4	383800 411500
91	Registered Landfill Sites Licence Holder: Globegrove Ltd Licence Reference: 00068/77 Site Location: Roach Mill, Peel Lane, Heywood, Lancashire Licence Easting: 384900 Licence Northing: 411700 Operator Location: 7 Mine Street, HEYWOOD, Lancashire, OL10 4AF Authority: Environment Agency - North West Region, South Area Site Category: Landfill Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 6th June 1978 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the road within the address or location Boundary Accuracy: Not Applicable Authorised Waste: Asbestos Com. Baled Waste Commercial Waste Construction And Demolition Wastes Ferrous Metal Scrap Ind. Non-Haz. Potentially Combustible Polymeric Material, Products/Scrap Scrap Rubber (Including Tyres) Liquor/Sludge Wastes Paper Putrescible Waste Prohibited Waste	A9NE (E)	958	4	384900 411700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
92	Registered Waste Treatment or Disposal Sites Licence Holder: Bury Health Authority Licence Reference: 00705/91 Site Location: Fairfield General Hospital, Jericho, Bury, Lancashire Operator Location: As Site Address Authority: Environment Agency - North West Region, South Area Site Category: Incineration Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st June 1993 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Licenced Wastes Not To Hand	A7NE (SW)	714	4	383300 411600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Pennine Lower Coal Measures Formation And South Wales Lower Coal Measures Formation (Undifferentiated)	A13SE (NE)	0	2	383927 412058
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: 1.8 - 2.2 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13SE (NE)	0	2	383927 412058
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: 1.8 - 2.2 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13SE (S)	0	2	383940 412018
	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 - 2.2 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13SW (SW)	24	2	383893 411996
	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 - 2.2 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13SE (SE)	60	2	384050 411994
	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 - 2.2 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A13NW (N)	234	2	383890 412342
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: 1.8 - 2.2 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A8NW (S)	317	2	383813 411713

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: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SE (W)	351	2	383500 412058
	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 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8NW (S)	374	2	383893 411637
	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: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NE (W)	402	2	383452 412118
	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: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A17SE (NW)	516	2	383586 412529
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NE (W)	553	2	383299 412092
	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 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A12SE (SW)	586	2	383366 411730

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 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NE (W)	592	2	383280 412227
	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 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A18SE (N)	595	2	384000 412702
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SE (W)	631	2	383267 411827
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SW (W)	639	2	383216 412000
	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 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SE (W)	644	2	383267 411793
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8SW (S)	650	2	383832 411367

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: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A17SE (NW)	684	2	383501 412673
	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 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7NE (SW)	715	2	383437 411462
	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 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A19SW (NE)	776	2	384449 412701
	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 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SW (NE)	788	2	384466 412703
	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 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A7SE (SW)	804	2	383479 411328
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7NE (SW)	814	2	383326 411424

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 - 2.2 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7NE (SW)	816	2	383346 411405
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SW (NE)	820	2	384486 412728
	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 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SW (NE)	825	2	384531 412699
	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 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8SE (S)	846	2	384169 411196
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A17SW (NW)	851	2	383229 412660
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18NE (N)	885	2	384089 412981

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 - 2.2 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A14SE (E)	895	2	384849 411748
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A18NE (N)	903	2	384089 413000
	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: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A12SW (W)	910	2	383000 411747
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A18NE (N)	926	2	384187 413000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: 1.8 - 2.2 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A19SE (NE)	973	2	384851 412533
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A7NW (SW)	976	2	383000 411583

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 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A7SW (SW)	977	2	383227 411295
	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 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7SW (SW)	977	2	383230 411292
	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: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A11SE (W)	979	2	382889 411889
	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 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A7SE (SW)	989	2	383323 411207
	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: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A23SE (N)	997	2	384094 413094
93	BGS Recorded Mineral Sites Site Name: Smethurst Wood Location: , Woodgate Hill, Jericho, Bury, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96574 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A8NW (SW)	456	2	383658 411628

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
94	BGS Recorded Mineral Sites Site Name: Carr Location: , Birtle, Rochdale, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96517 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Milnrow Sandstone Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	552	2	383560 412555
95	BGS Recorded Mineral Sites Site Name: Birtle Coal Pit Location: Heywood'S Farm, Birtle, Rochdale, Greater Manchester Source: British Geological Survey, National Geoscience Information Service Reference: 106049 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A18SE (N)	611	2	384084 412702
96	BGS Recorded Mineral Sites Site Name: Birtle Coal Pit Location: Heywood'S Farm, Birtle, Rochdale, Greater Manchester Source: British Geological Survey, National Geoscience Information Service Reference: 106050 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A18SE (NE)	672	2	384225 412713
97	BGS Recorded Mineral Sites Site Name: Boaredge Pottery Location: , Jericho, Bury, Greater Manchester Source: British Geological Survey, National Geoscience Information Service Reference: 106051 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A12SW (W)	677	2	383174 412060
98	BGS Recorded Mineral Sites Site Name: Smethurst Hall Brickworks Location: , Duckworth Fold, Bury, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 15316 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A12SW (W)	769	2	383130 411800
99	BGS Recorded Mineral Sites Site Name: Broad Oak Wood Location: , Jericho, Bury, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96525 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Woodhead Hill Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	794	2	383343 411437

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
100	BGS Recorded Mineral Sites Site Name: Openshaws Pit Location: , Birtle, Rochdale, Greater Manchester Source: British Geological Survey, National Geoscience Information Service Reference: 106048 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	808	2	383494 412812
101	BGS Recorded Mineral Sites Site Name: Thorny Hurst Coal Pits Location: Thornyhurst Farm, Birtle, Rochdale, Greater Manchester Source: British Geological Survey, National Geoscience Information Service Reference: 106046 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A18NW (N)	827	2	383909 412938
102	BGS Recorded Mineral Sites Site Name: Gallow'S Hill Location: , Birtle, Rochdale, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 15615 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A12NW (W)	831	2	383025 412160
103	BGS Recorded Mineral Sites Site Name: Castle Hill Location: Castle Hill Road, Birtle, Rochdale, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 3823 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A12NW (W)	870	2	383040 412385
104	BGS Recorded Mineral Sites Site Name: Malkin Location: , Birtle Moor, Birtle, Rochdale, Greater Manchester Source: British Geological Survey, National Geoscience Information Service Reference: 106056 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A12NW (W)	876	2	382990 412230
105	BGS Recorded Mineral Sites Site Name: Gallows Hill Location: , Jericho, Bury, Greater Manchester Source: British Geological Survey, National Geoscience Information Service Reference: 106055 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A12NW (W)	888	2	382968 412164

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
106	BGS Recorded Mineral Sites Site Name: Thorny Hurst Coal Pits Location: Thornyhurst Farm, Birtle, Rochdale, Greater Manchester Source: British Geological Survey, National Geoscience Information Service Reference: 106045 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A18NE (N)	947	2	384145 413033
107	BGS Recorded Mineral Sites Site Name: Church Location: , Birtle Moor, Birtle, Rochdale, Greater Manchester Source: British Geological Survey, National Geoscience Information Service Reference: 106058 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A12NW (W)	959	2	382920 412300
108	BGS Recorded Mineral Sites Site Name: Pen Green Colliery Location: Penn Green Farm, Birtle, Rochdale, Greater Manchester Source: British Geological Survey, National Geoscience Information Service Reference: 106047 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	978	2	383457 412983
	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 (NE)	0	7	383927 412058
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13SE (NE)	0	-	383927 412058
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	2	383927 412058
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	2	383927 412058
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	2	383927 412058
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	2	383927 412058
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	8	2	384002 412018

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	2	383927 412058
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	1	2	383996 412023
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	2	383927 412058
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	47	2	383882 411972
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	75	2	384071 412008
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	75	2	384067 412086
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	160	2	383899 411852
	Radon Potential - Radon Affected Areas Affected Area: The property is in an intermediate probability radon area, as between 1 and 3% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	2	383927 412058
	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	A13NW (NW)	0	2	383900 412076
	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 (NE)	0	2	383927 412058
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	2	383900 412076

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
109	Contemporary Trade Directory Entries Name: Melba Products Ltd Location: Bury & Rochdale Old Road, Bury, Lancashire, BL9 7UA Classification: Rubber & Plastic Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	0	-	383931 412066
110	Contemporary Trade Directory Entries Name: Hooley Bridge Service Station Location: 621, Rochdale Old Road, Bury, Lancashire, BL9 7TL Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (SW)	308	-	383590 411896
111	Contemporary Trade Directory Entries Name: Tim Howarth Commercials Ltd Location: Smethurst Hall House, Smethurst Hall Road, Bury, Lancashire, BL9 7TP Classification: Commercial Vehicle Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (SW)	363	-	383584 411807
112	Contemporary Trade Directory Entries Name: Alan Owen Location: Birtle Road, Bury, Lancashire, BL9 6UX Classification: Synthetic Textiles Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	385	-	383615 412387
113	Contemporary Trade Directory Entries Name: Taybur Power Washes Location: 5, New Hall Road, Bury, Lancashire, BL9 7TQ Classification: Steam Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address	A12SE (W)	614	-	383294 411806
114	Contemporary Trade Directory Entries Name: Blue Bell Car Sales Location: Bury & Rochdale Old Road, Heywood, Lancashire, OL10 4BH Classification: Car Dealers - Used Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (E)	667	-	384664 412077
114	Contemporary Trade Directory Entries Name: Blue Bell Garage Location: 207, Bury & Rochdale Old Road, HEYWOOD, Lancashire, OL10 4BH Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	667	-	384664 412077
114	Contemporary Trade Directory Entries Name: Cross Service Location: Bury & Rochdale Old Road, Heywood, Lancashire, OL10 4BH Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	667	-	384664 412077
115	Contemporary Trade Directory Entries Name: Budget Blinds Location: 119, Higher Lomax Lane, Heywood, Lancashire, OL10 4RU Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	779	-	384348 411328
116	Contemporary Trade Directory Entries Name: Fairfield General Hospital Location: Fairfield General Hospital, Rochdale Old Road, Bury, Lancashire, BL9 7TD Classification: Hospitals Status: Inactive Positional Accuracy: Manually positioned to the address or location	A7NW (SW)	808	-	383200 411578
116	Contemporary Trade Directory Entries Name: Fairfield General Hospital Location: Bury, BL9 7TD Classification: Hospitals Status: Active Positional Accuracy: Automatically positioned to the address	A7NW (SW)	828	-	383181 411570
117	Contemporary Trade Directory Entries Name: B Conway Location: Severn Rd, Heywood, Lancashire, OL10 4RY Classification: Mechanical Engineers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8SE (S)	827	-	384180 411218

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
117	Contemporary Trade Directory Entries Name: B Conway Mechanical Handling Ltd Location: 21, Severn Road, Heywood, Lancashire, OL10 4RY Classification: Mechanical Handling Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	847	-	384214 411206
118	Contemporary Trade Directory Entries Name: Dash Xpress Location: 6, Chelmer Grove, Heywood, Lancashire, OL10 4RX Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A9SW (SE)	894	-	384294 411181
119	Contemporary Trade Directory Entries Name: Uk Touchscreens Location: 181, Higher Lomax Lane, Heywood, Lancashire, OL10 4SL Classification: Cash Registers & Check-Out Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	949	-	384555 411257
120	Contemporary Trade Directory Entries Name: Cashwise Removals Location: 5, Lune Grove, Heywood, Lancashire, OL10 4SW Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	962	-	384498 411202
121	Contemporary Trade Directory Entries Name: Suredeal Location: 401, Rochdale Old Road, Bury, Lancashire, BL9 7TB Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	965	-	382976 411656
122	Contemporary Trade Directory Entries Name: Kmes Location: Cherwell Av, Heywood, Lancashire, OL10 4SE Classification: Plant & Machinery Repairs Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A9SW (SE)	992	-	384476 411156
123	Fuel Station Entries Name: Hooley Bridge Service Station Location: 609-621, Rochdale Old Road, Bury, Lancashire, BL9 7TL Brand: Texaco Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A13SW (SW)	309	-	383590 411896
124	Points of Interest - Commercial Services Name: Blue Bell Garage Location: 207 Bury & Rochdale Old Road, Heywood, OL10 4BH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NE (E)	667	8	384664 412077
124	Points of Interest - Commercial Services Name: Blue Bell Garage Location: Bury & Rochdale Old Road, Heywood, OL10 4BH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NE (E)	667	8	384664 412077
124	Points of Interest - Commercial Services Name: Blue Bell M O T & Service Centre Location: Bury & Rochdale Old Road, Heywood, OL10 4BH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NE (E)	668	8	384664 412077
125	Points of Interest - Commercial Services Name: Dash Xpress Location: 6 Chelmer Grove, Heywood, OL10 4RX Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A9SW (SE)	894	8	384294 411181
126	Points of Interest - Education and Health Name: Fairfield General Hospital Location: Fairfield General Hospital, Rochdale Old Road, Bury, BL9 7TD Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A7NW (SW)	807	8	383200 411579

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
126	Points of Interest - Education and Health Name: Fairfield Hospital Location: Fairfield General Hospital, Rochdale Old Road, Bury, BL9 7TD Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A7NW (SW)	807	8	383200 411579
126	Points of Interest - Education and Health Name: Fairfield General Hospital Location: Fairfield General Hospital, Rochdale Old Road, Bury, BL9 7TD Category: Health Practitioners and Establishments Class Code: Accident & Emergency Department Positional Accuracy: Positioned to address or location	A7NW (SW)	807	8	383200 411579
126	Points of Interest - Education and Health Name: Fairfield General Hospital (Mental Health Services) Location: Fairfield General Hospital, Rochdale Old Road, Bury, BL9 7TD Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A7NW (SW)	807	8	383200 411579
126	Points of Interest - Education and Health Name: Fairfield General Hospital Location: Fairfield General Hospital, Rochdale Old Road, Bury, BL9 7TD Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A7NW (SW)	807	8	383200 411579
126	Points of Interest - Education and Health Name: Fairfield General Hospital Location: Fairfield General Hospital, Rochdale Old Road, Bury, BL9 7TD Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A7NW (SW)	808	8	383200 411578
126	Points of Interest - Education and Health Name: Fairfield General Hospital Location: Fairfield General Hospital, Rochdale Old Road, Bury, BL9 7TD Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A7NW (SW)	808	8	383200 411578
126	Points of Interest - Education and Health Name: Fairfield General Hospital Location: Roch House Fairfield General Hospital, Rochdale Old Road, Bury, BL9 7TD Category: Health Practitioners and Establishments Class Code: Accident & Emergency Department Positional Accuracy: Positioned to address or location	A7NW (SW)	824	8	383167 411599
127	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SW (S)	0	8	383922 412045
127	Points of Interest - Manufacturing and Production Name: Works Location: BL9 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A13NE (NE)	0	8	383939 412066
128	Points of Interest - Manufacturing and Production Name: A Cleasby Ltd Location: Lower Tack Lea Farm, Bury & Rochdale Old Road, Bury, BL9 6UY Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A13NW (N)	98	8	383919 412209
129	Points of Interest - Manufacturing and Production Name: Tank Location: BL9 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13SW (S)	305	8	383808 411728
130	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	354	8	383636 412365

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
130	Points of Interest - Manufacturing and Production Name: Works Location: BL9 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	356	8	383635 412366
131	Points of Interest - Manufacturing and Production Name: Smethurst Hall Cat Hotel Location: 2 Riders Gate, Bury, BL9 7RD Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A8NW (SW)	401	8	383673 411682
131	Points of Interest - Manufacturing and Production Name: Tank Location: BL9 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8NW (SW)	449	8	383693 411619
132	Points of Interest - Manufacturing and Production Name: Shaft Location: BL9 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location	A18SE (N)	604	8	384069 412698
133	Points of Interest - Manufacturing and Production Name: S G Robinson Location: Summit Street, Heywood, OL10 4RJ Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A8SW (S)	749	8	383623 411322
133	Points of Interest - Manufacturing and Production Name: D C Robinson Location: Lower Lomax Farm, Summit Street, Heywood, OL10 4RJ Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A8SW (S)	749	8	383623 411322
134	Points of Interest - Manufacturing and Production Name: Shaft Location: BL9 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location	A17NE (NW)	810	8	383490 412812
135	Points of Interest - Manufacturing and Production Name: Tank Location: OL10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	813	8	384642 412563
136	Points of Interest - Manufacturing and Production Name: Tank Location: OL10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	828	8	384808 412218
137	Points of Interest - Manufacturing and Production Name: Tank Location: BL9 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	886	8	382993 412290
138	Points of Interest - Manufacturing and Production Name: E Marsden Location: Birtle Road, Bury, BL9 6UU Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A18NW (N)	906	8	383919 413017
138	Points of Interest - Manufacturing and Production Name: Tank Location: BL9 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	946	8	383928 413057

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
139	Points of Interest - Manufacturing and Production Name: Tank Location: BL9 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	910	8	383487 412922
139	Points of Interest - Manufacturing and Production Name: Tanks Location: BL9 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	928	8	383510 412953
139	Points of Interest - Manufacturing and Production Name: Tank Location: BL9 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A17NE (NW)	935	8	383497 412954
139	Points of Interest - Manufacturing and Production Name: Tank Location: BL9 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A17NE (NW)	937	8	383497 412957
140	Points of Interest - Manufacturing and Production Name: Castle Hill Quarry Location: BL9 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	944	8	382958 412375
141	Points of Interest - Manufacturing and Production Name: Tank Location: BL9 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	979	8	383692 413065
142	Points of Interest - Public Infrastructure Name: Filter Beds Location: BL9 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	248	8	383691 412271
143	Points of Interest - Public Infrastructure Name: Hooley Bridge Service Station Location: 621 Rochdale Old Road, Bury, BL9 7TL Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13SW (SW)	308	8	383590 411896
143	Points of Interest - Public Infrastructure Name: Hooley Bridge Service Station Location: 609-621 Rochdale Old Road, Bury, BL9 7TL Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13SW (SW)	309	8	383590 411896
143	Points of Interest - Public Infrastructure Name: Hooley Bridge Service Station Location: 609-621 Rochdale Old Road, Bury, BL9 7TL Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13SW (SW)	309	8	383590 411896
144	Points of Interest - Public Infrastructure Name: Refuse Tip Location: BL9 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A8NW (S)	501	8	383797 411526
145	Points of Interest - Public Infrastructure Name: Weirs Location: BL9 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	611	8	383482 412570

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
146	Points of Interest - Public Infrastructure Name: Weir Location: OL10 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A7SE (SW)	947	8	383313 411265
147	Points of Interest - Public Infrastructure Name: Weir Location: OL10 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A15SW (E)	998	8	384989 411904

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
148	Ancient Woodland Name: Not Supplied Reference: 1415967 Area(m ²): 68643.32 Type: Ancient and Semi-Natural Woodland	A13SE (SE)	66	9	383983 411943
149	Ancient Woodland Name: Not Supplied Reference: 1415965 Area(m ²): 17681.65 Type: Ancient and Semi-Natural Woodland	A8NE (S)	501	9	383988 411513
150	Ancient Woodland Name: Simpson Clough Wood Reference: 1105598 Area(m ²): 42158.05 Type: Ancient and Semi-Natural Woodland	A14SE (E)	770	9	384754 411878
151	Ancient Woodland Name: Jowkin Wood Reference: 1105601 Area(m ²): 417585.6 Type: Ancient and Semi-Natural Woodland	A19SW (NE)	812	9	384490 412716
152	Areas of Adopted Green Belt Authority: Rochdale Metropolitan Borough Council Plan Name: Rochdale Unitary Development Plan Status: Adopted Plan Date: 30th June 2006	A13SE (NE)	0	10	383927 412058
153	Areas of Adopted Green Belt Authority: Bury Metropolitan Borough Council Plan Name: Bury Unitary Development Plan Status: Adopted Plan Date: 29th August 1997	A12SE (W)	301	6	383559 411998
154	Areas of Adopted Green Belt Authority: Bury Metropolitan Borough Council Plan Name: Bury Unitary Development Plan Status: Adopted Plan Date: 29th August 1997	A13SW (SW)	312	6	383773 411733

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Rochdale Metropolitan Borough Council - Environmental Health Department Rossendale Borough Council - Environmental Health Department Bury Metropolitan Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department	March 2015 November 2015 October 2013 September 2014	Annually Annual Rolling Update Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - North West Region	April 2016	Quarterly
Enforcement and Prohibition Notices Environment Agency - North West Region	March 2013	As notified
Integrated Pollution Controls Environment Agency - North West Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - North West Region	April 2016	Quarterly
Local Authority Integrated Pollution Prevention And Control Bury Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Rossendale Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department	February 2015 July 2014 May 2016 September 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Controls Bury Metropolitan Borough Council - Environmental Health Department Rossendale Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department	February 2015 January 2016 July 2014 September 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Bury Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Rossendale Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department	February 2015 July 2014 May 2016 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 - North West Region	January 2000	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - North West Region	March 2013	As notified
Prosecutions Relating to Controlled Waters Environment Agency - North West Region	March 2013	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 - North West Region - Central Area Environment Agency - North West Region - North Area Environment Agency - North West Region - South Area	April 2016 April 2016 April 2016	Quarterly Quarterly Quarterly
Water Abstractions Environment Agency - North West Region	January 2016	Quarterly
Water Industry Act Referrals Environment Agency - North West Region	April 2016	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	April 2015	Not Applicable

Agency & Hydrological	Version	Update Cycle
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	August 2015	As notified
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	August 2015	As notified
Source Protection Zones Environment Agency - Head Office	April 2016	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2016	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2016	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2016	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	February 2016	Quarterly
Flood Defences Environment Agency - Head Office	February 2016	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 Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water Suitability Environment Agency - Head Office	October 2013	As notified
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	March 2016	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - North West Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area Environment Agency - North West Region - South Area	May 2016 May 2016 May 2016	Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area Environment Agency - North West Region - South Area	April 2016 April 2016 April 2016	Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Bury Metropolitan Borough Council Lancashire County Council - Waste Management Group Manchester City Council - Planning Department Rochdale Metropolitan Borough Council - Environmental Health Department Rossendale Borough Council - Environmental Health Department	May 2000 May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Bury Metropolitan Borough Council Lancashire County Council - Waste Management Group Manchester City Council - Planning Department Rochdale Metropolitan Borough Council - Environmental Health Department Rossendale Borough Council - Environmental Health Department	May 2000 May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area Environment Agency - North West Region - South Area	March 2003 March 2003 March 2003	Not Applicable Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area Environment Agency - North West Region - South Area	March 2003 March 2003 March 2003	Not Applicable Not Applicable Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area Environment Agency - North West Region - South Area	March 2003 March 2003 March 2003	Not Applicable Not Applicable Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	February 2016	Bi-Annually
Explosive Sites Health and Safety Executive	February 2016	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Bury Metropolitan Borough Council Lancashire County Council Manchester City Council - Planning Department Rochdale Metropolitan Borough Council Rossendale Borough Council - Planning Department	February 2016 February 2016 February 2016 February 2016 February 2016	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Planning Hazardous Substance Consents Bury Metropolitan Borough Council Lancashire County Council Manchester City Council - Planning Department Rochdale Metropolitan Borough Council Rossendale Borough Council - Planning Department	February 2016 February 2016 February 2016 February 2016 February 2016	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	October 2015	Annually
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2016	Bi-Annually
Brine Compensation Area Cheshire Brine Subsidence Compensation Board	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	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	May 2015	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	April 2016	Quarterly
Fuel Station Entries Catalist Ltd - Experian	February 2016	Quarterly
Gas Pipelines National Grid	July 2014	Quarterly
Points of Interest - Commercial Services PointX	June 2016	Quarterly
Points of Interest - Education and Health PointX	June 2016	Quarterly
Points of Interest - Manufacturing and Production PointX	March 2016	Quarterly
Points of Interest - Public Infrastructure PointX	June 2016	Quarterly
Points of Interest - Recreational and Environmental PointX	June 2016	Quarterly
Underground Electrical Cables National Grid	January 2016	Bi-Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	June 2015	Bi-Annually
Areas of Adopted Green Belt Bury Metropolitan Borough Council Manchester City Council Rochdale Metropolitan Borough Council Rossendale Borough Council - Planning Department	May 2016 May 2016 May 2016 May 2016	As notified As notified As notified As notified
Areas of Unadopted Green Belt Bury Metropolitan Borough Council Manchester City Council Rochdale Metropolitan Borough Council Rossendale Borough Council - Planning Department	November 201 November 201 November 201 November 201	As notified As notified As notified As notified
Areas of Outstanding Natural Beauty Natural England	April 2016	Bi-Annually
Environmentally Sensitive Areas Natural England	April 2016	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	April 2016	Bi-Annually
Marine Nature Reserves Natural England	April 2016	Bi-Annually
National Nature Reserves Natural England	April 2016	Bi-Annually
National Parks Natural England	March 2016	Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	Annually
Ramsar Sites Natural England	April 2016	Bi-Annually
Sites of Special Scientific Interest Natural England	April 2016	Bi-Annually
Special Areas of Conservation Natural England	April 2016	Bi-Annually
Special Protection Areas Natural England	April 2016	Bi-Annually
World Heritage Sites English Heritage - National Monument Record Centre	September 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	 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
2	British Geological Survey - Enquiry Service British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
3	Rochdale Metropolitan Borough Council - Environmental Health Department P O Box 32, Telegraph House, Ballie Street, Rochdale, Greater Manchester, OL16 1JH	Telephone: 01706 864139 Fax: 01706 864185 Website: www.rochdale.gov.uk
4	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
5	Bury Metropolitan Borough Council - Environmental Health Department 3 Knowsley Place, Duke Street, Bury, Lancashire, BL9 0EJ	Telephone: 0161 253 5000 Fax: 0161 253 5563 Website: www.bury.gov.uk
6	Bury Metropolitan Borough Council Craig House, Bank Street, Bury, Lancashire, BL9 0DN	Telephone: 0161 253 5000 Fax: 0161 705 5290 Website: www.bury.gov.uk
7	The Coal Authority - Property Searches 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk
8	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
9	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
10	Rochdale Metropolitan Borough Council PO Box 15, Town Hall, Rochdale, Greater Manchester, OL16 1AB	Telephone: 01706 647474 Fax: 01706 59475 Website: www.rochdale.gov.uk
11	Rossendale Borough Council - Planning Department Town Hall, Rawtenstall, Lancashire, BB4 7LZ	Telephone: 01706 217777 Fax: 01706 224958 Website: www.rossendale.gov.uk
12	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
-	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.

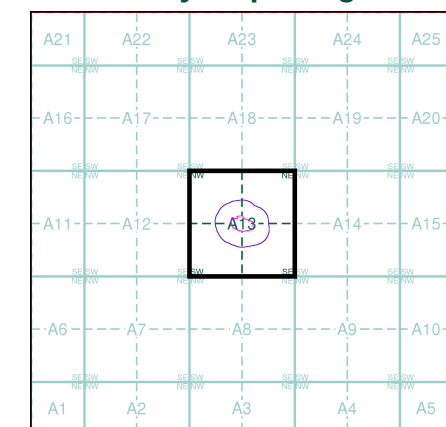
General

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

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
- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement
- BGS Recorded Mineral Site
- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Segment A13

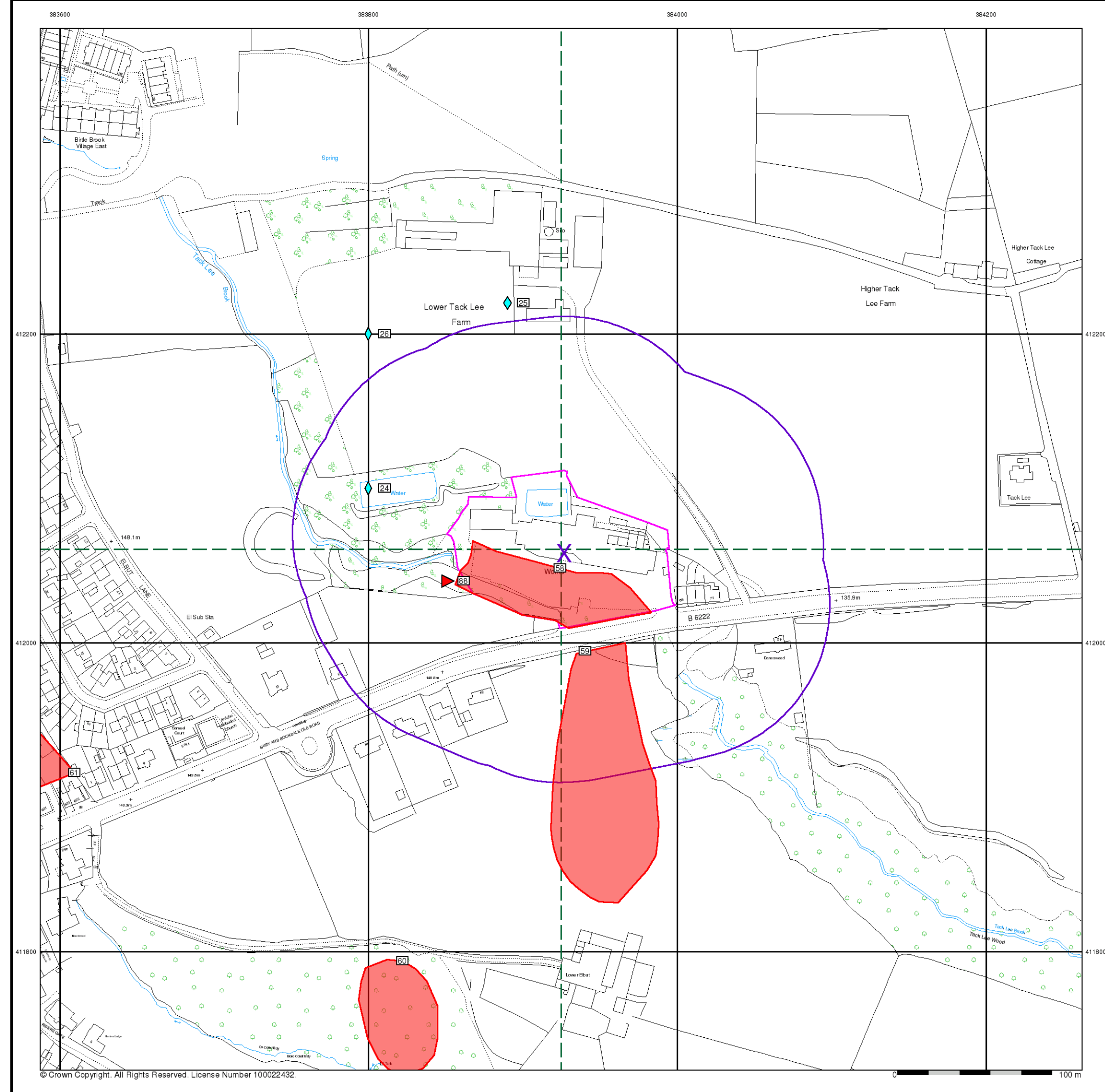


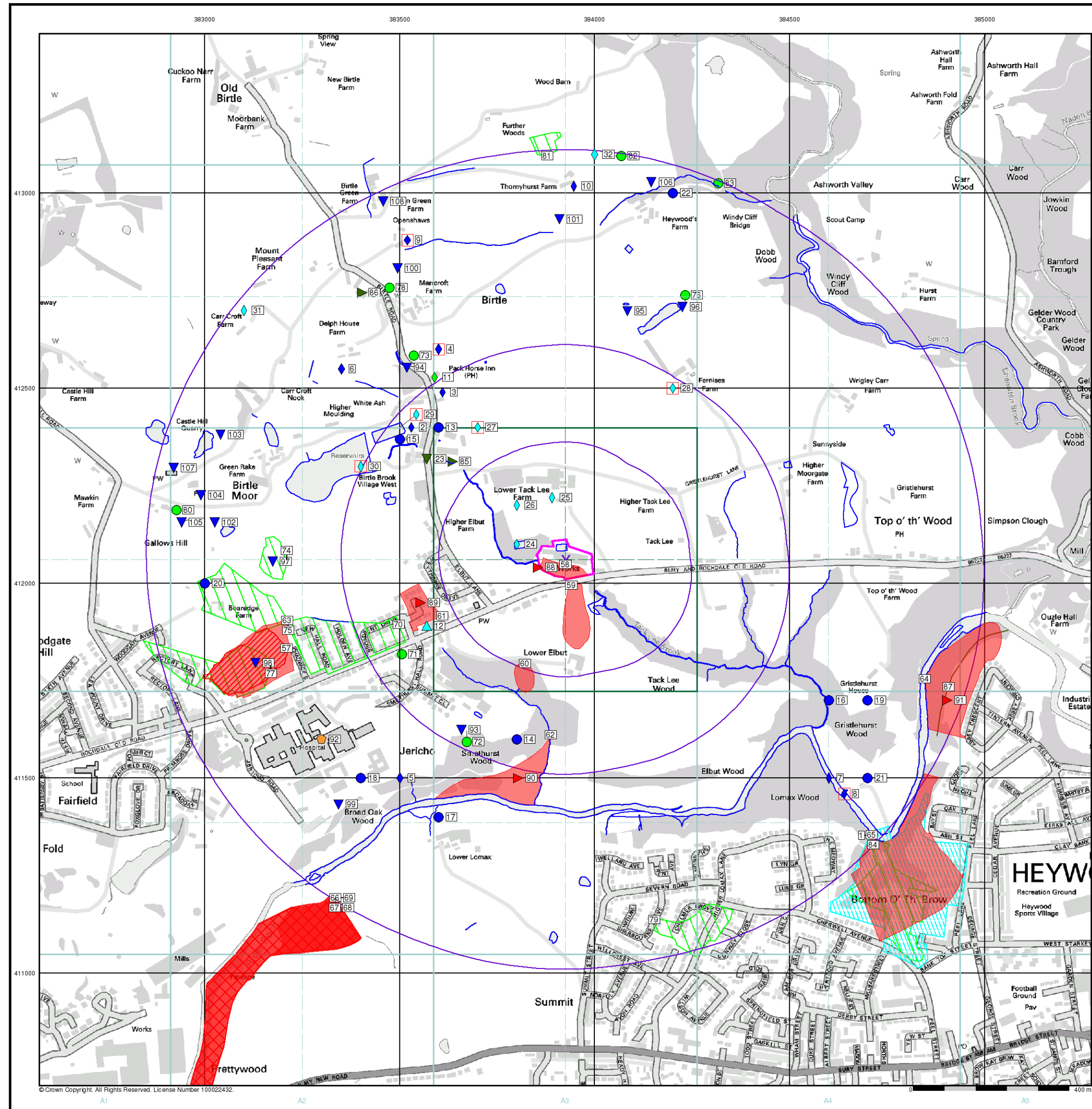
Order Details

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Customer Ref: LKC 16 1018
National Grid Reference: 383930, 412060
Slice: A
Site Area (Ha): 1.02
Plot Buffer (m): 100

Site Details

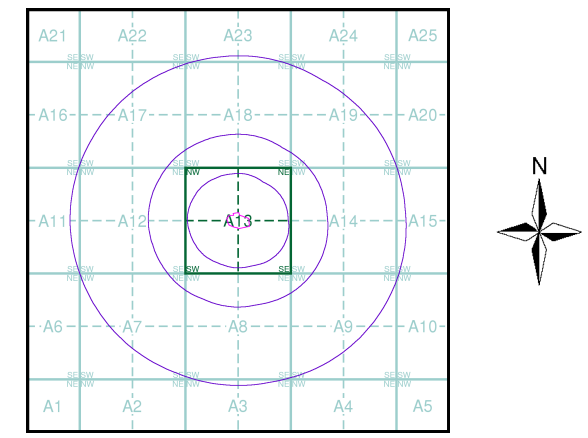
Tack Lea Works,, Bury & Rochdale Old Road, Bury, BL9 6UY





- 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 and 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
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
 - BGS Recorded Mineral Site
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Local Authority Recorded Landfill Site
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Slice A

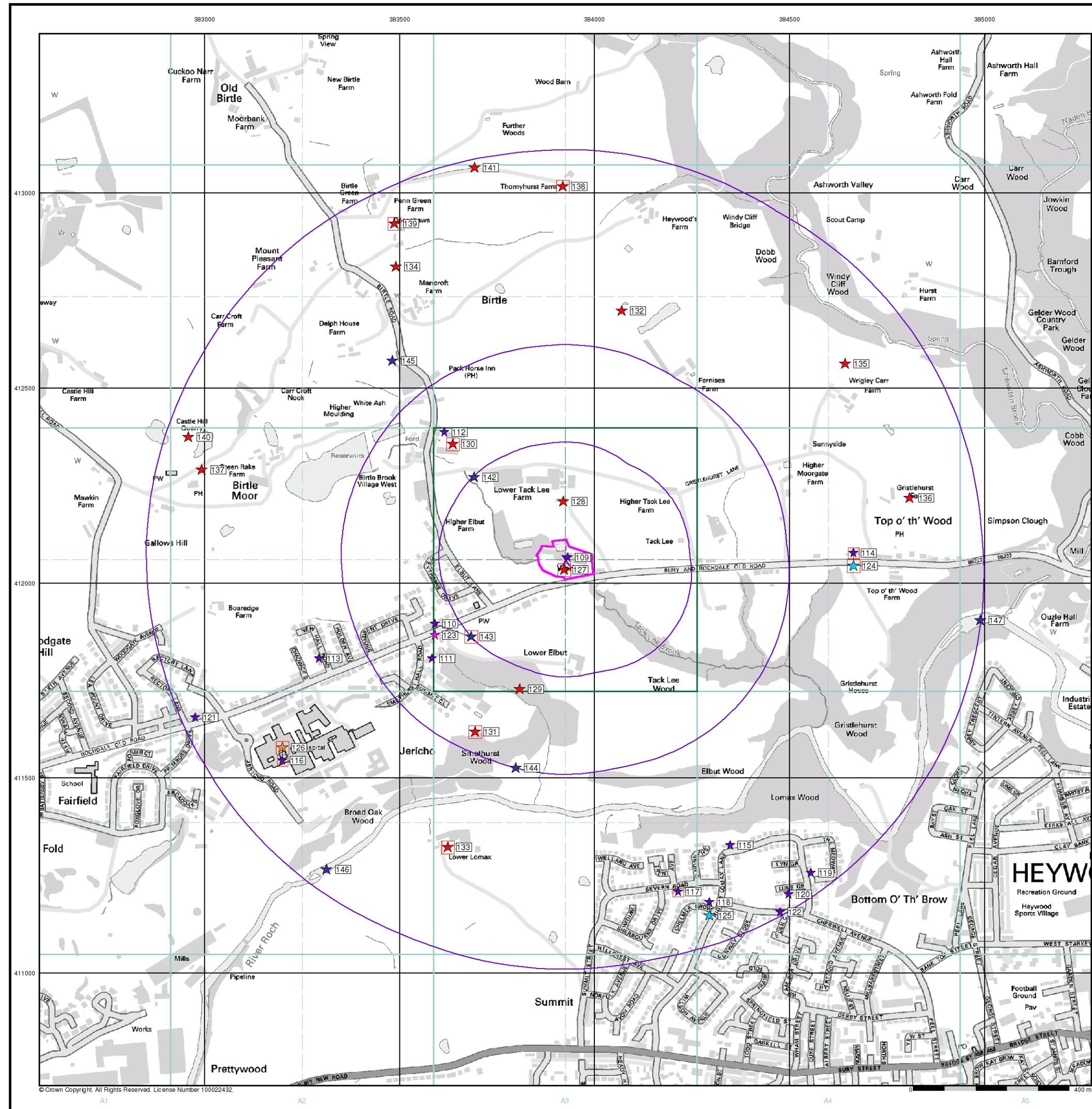


Order Details

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Slice: A
Site Area (Ha): 1.02
Search Buffer (m): 1000

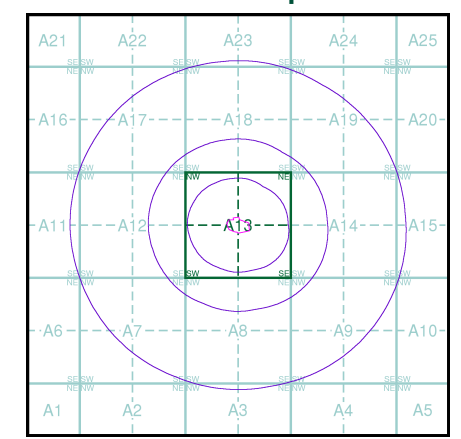
Site Details

Tack Lea Works,, Bury & Rochdale Old Road, Bury, BL9 6UY



- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Slice
 - Map ID
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry
 - Gas Pipeline
 - Points of Interest - Commercial Services
 - Points of Interest - Education and Health
 - Points of Interest - Manufacturing and Production
 - Points of Interest - Public Infrastructure
 - Points of Interest - Recreational and Environmental
 - Underground Electrical Cables

Industrial Land Use Map - Slice A



Order Details

Order Number: 88327429_1_1
Customer Ref: LKC 16 1018
National Grid Reference: 383930, 412060
Slice: A
Site Area (Ha): 1.02
Search Buffer (m): 1000

Site Details

Tack Lea Works,, Bury & Rochdale Old Road, Bury, BL9 6UY

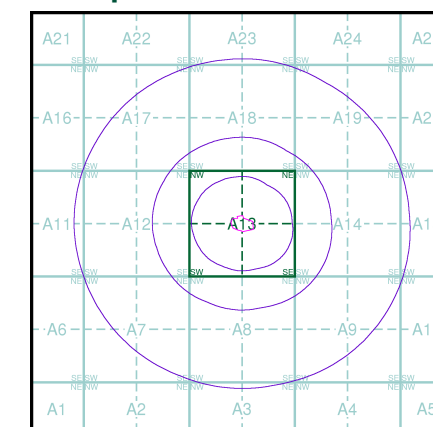
General

- 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

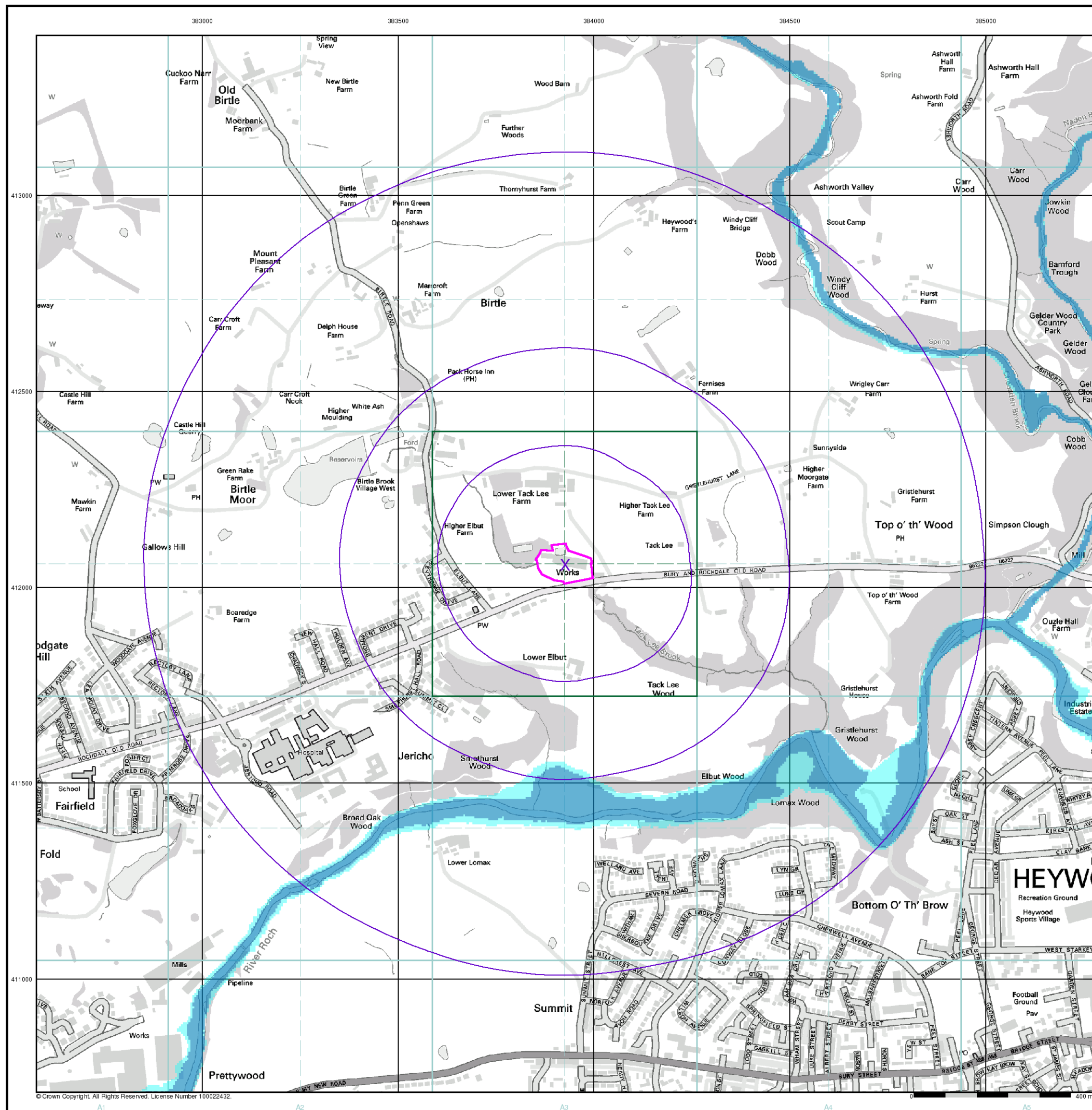


Order Details

Order Number: 88327429_1_1
 Customer Ref: LKC 16 1018
 National Grid Reference: 383930, 412060
 Slice: A
 Site Area (Ha): 1.02
 Search Buffer (m): 1000

Site Details

Tack Lea Works,, Bury & Rochdale Old Road, Bury, BL9 6UY



General

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

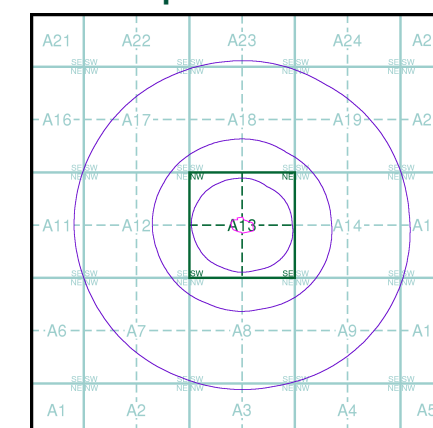
Agency and Hydrological (Boreholes)

- BGS Borehole Depth 0 - 10m
- BGS Borehole Depth 10 - 30m
- BGS 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

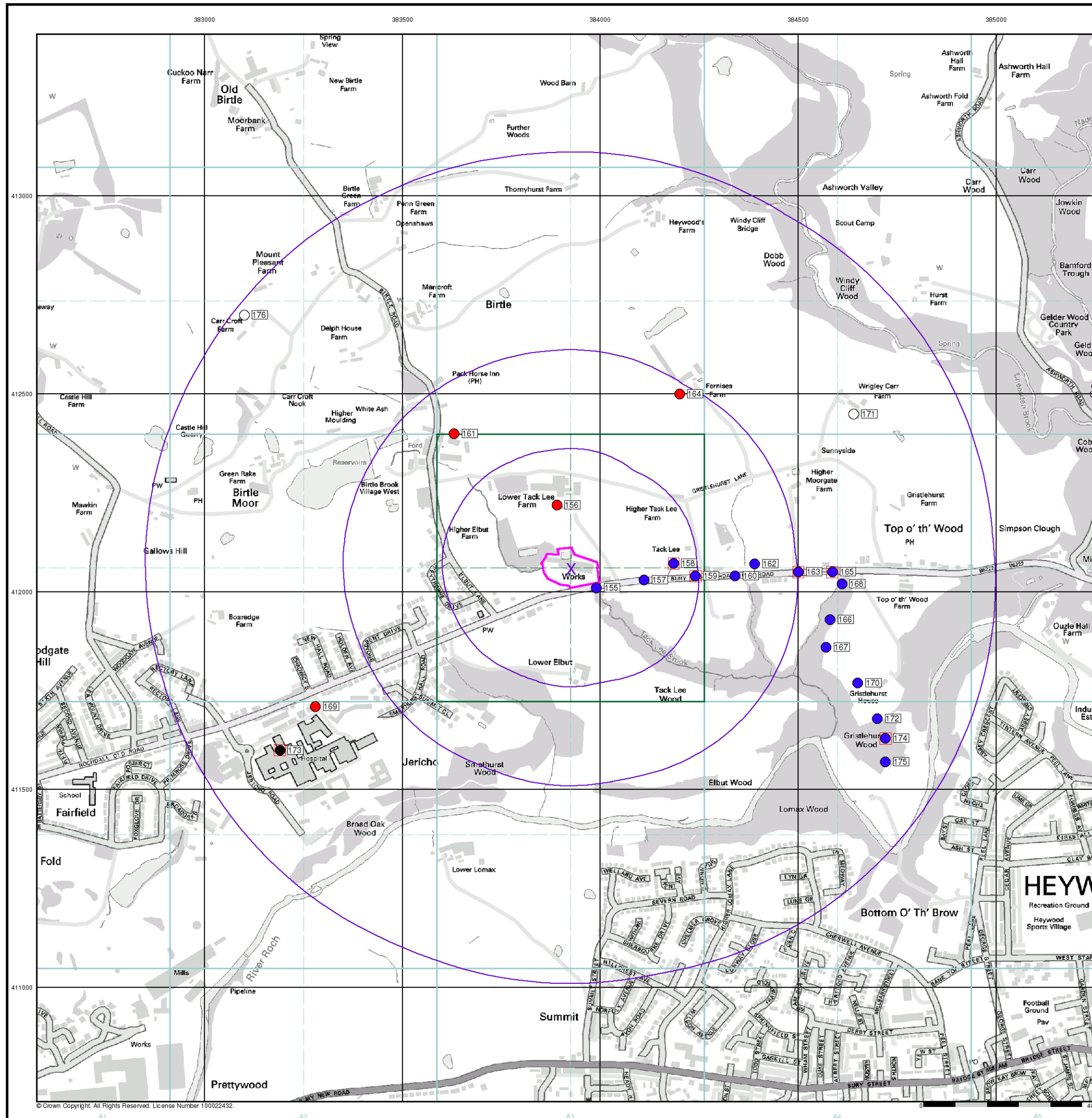


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Customer Ref: LKC 16 1018
National Grid Reference: 383930, 412060
Slice: A
Site Area (Ha): 1.02
Search Buffer (m): 1000

Site Details

Tack Lea Works,, Bury & Rochdale Old Road, Bury, BL9 6UY



General

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

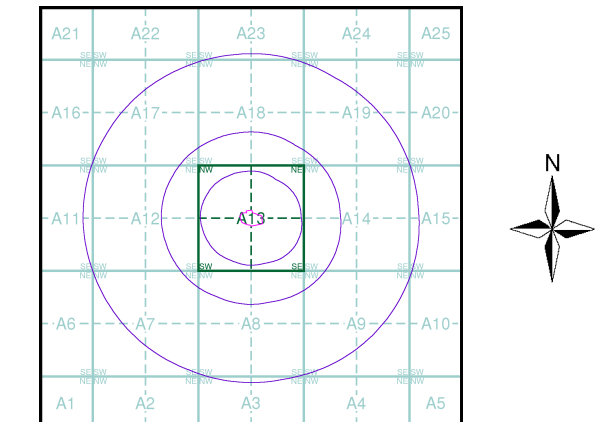
Detailed River Network Data

- | | |
|--|---|
| — 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 — 105 — MLW Mean Low Water
- Master Contour — 100 — MHW Mean High Water
- Spot Height * 167.3

E/NRW Detailed River Network Map - Slice A

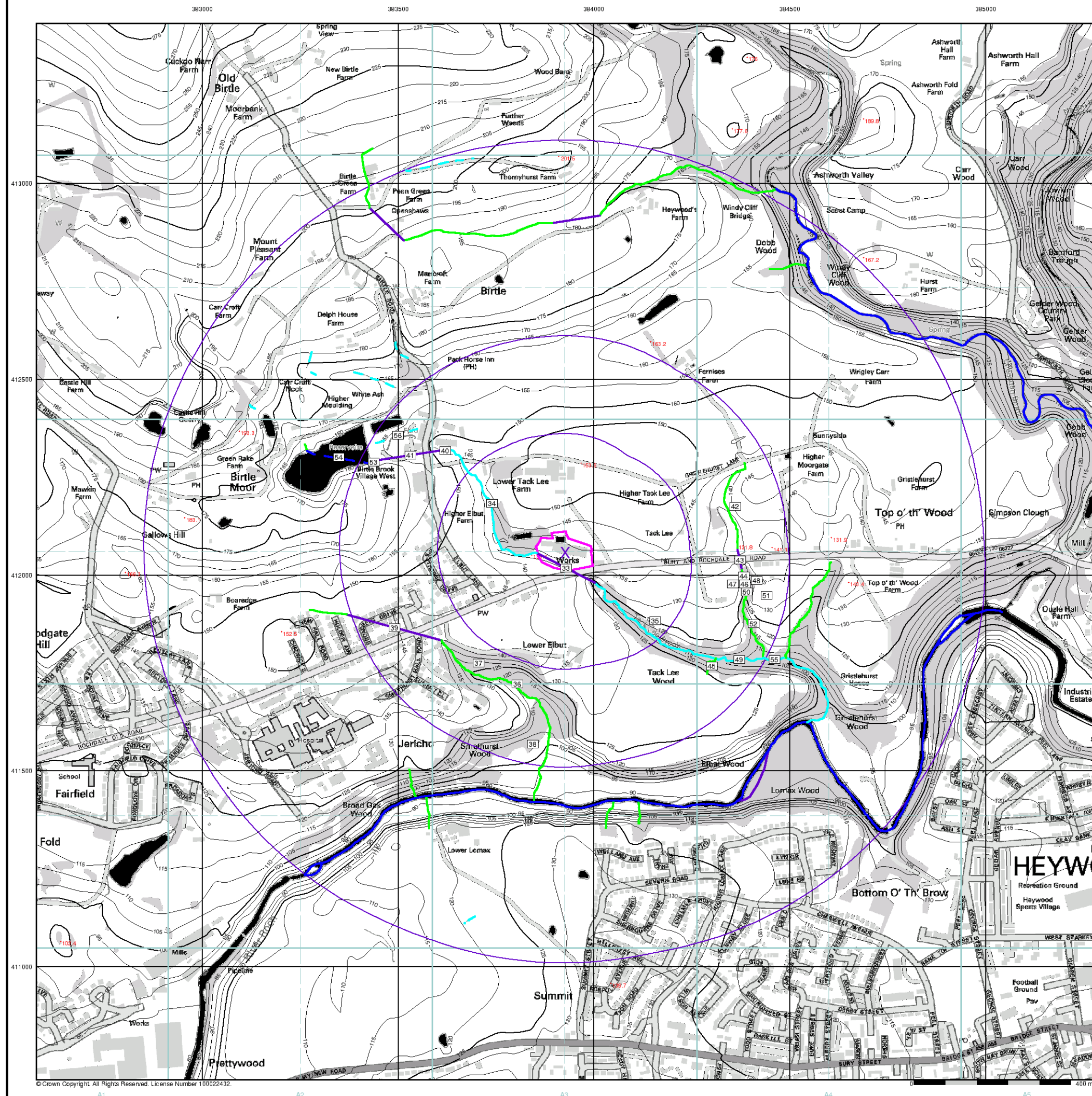


Order Details

Order Number: 88327429_1_1
 Customer Ref: LKC 16 1018
 National Grid Reference: 383930, 412060
 Slice: A
 Site Area (Ha): 1.02
 Search Buffer (m): 1000

Site Details

Tack Lea Works,, Bury & Rochdale Old Road, Bury, BL9 6UY



General

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

Risk of Flooding from Surface Water

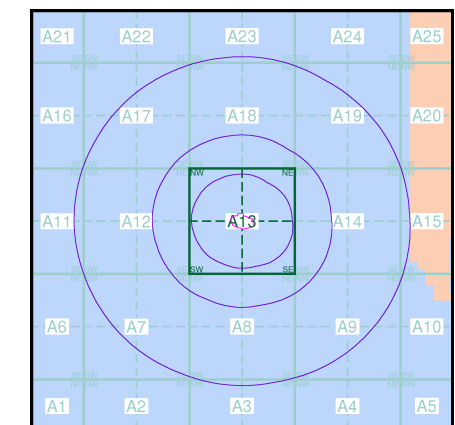
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

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

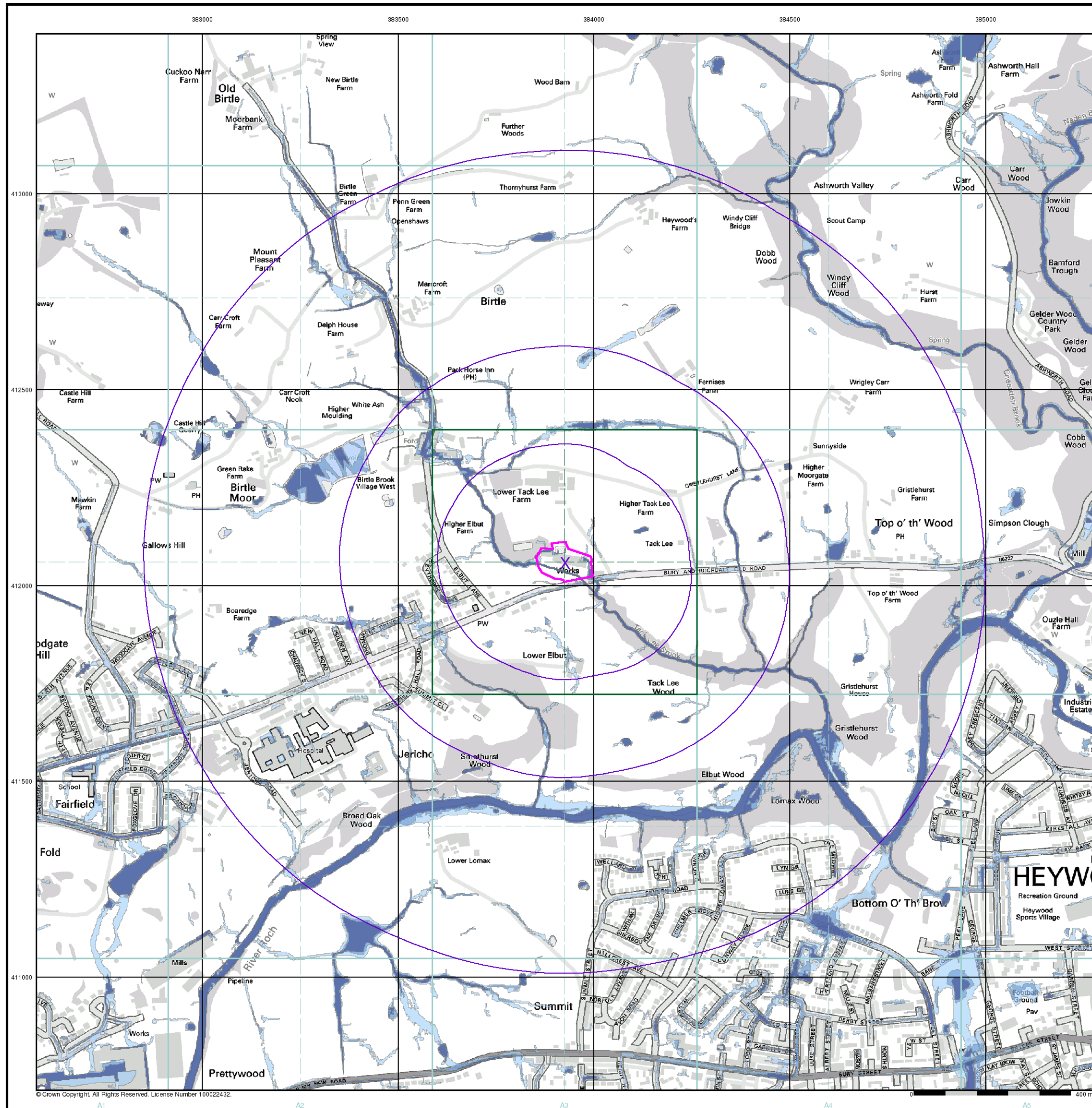


Order Details

Order Number: 88327429_1_1
 Customer Ref: LKC 16 1018
 National Grid Reference: 383930, 412060
 Slice: A
 Site Area (Ha): 1.02
 Search Buffer (m): 1000

Site Details

Tack Lea Works,, Bury & Rochdale Old Road, Bury, BL9 6UY



Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WMGR	Infilled Ground	Artificial Deposit	Cenozoic - Cenozoic
	WGR	Worked Ground (Undivided)	Void	Holocene - Holocene
	SLIP	Landslide Deposit	Unknown/Unclassified Entry	Quaternary - Quaternary

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Flandrian - Flandrian
	TILLD	Till, Devensian	Diamicton	Devensian - Devensian
	GFDUD	Glaciofluvial Deposits, Devensian	Sand and Gravel	Devensian - Devensian
	HMGDD	Hummocky (Moundy) Glacial Deposits, Devensian	Diamicton	Devensian - Devensian
	HEAD	Head	Clay, Silt, Sand and Gravel	Quaternary - Quaternary
	RTD1	River Terrace Deposits, 1	Sand and Gravel	Quaternary - Quaternary
	RTDU	River Terrace Deposits (Undifferentiated)	Sand and Gravel	Quaternary - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	PLCM	Pennine Lower Coal Measures Formation	Mudstone, Siltstone and Sandstone	Langsettian - Langsettian
	MLRS	Minrow Sandstone	Sandstone	Langsettian - Langsettian
	OL	Old Lawrence Rock	Sandstone	Langsettian - Langsettian
	WH	Woodhead Hill Rock	Sandstone	Langsettian - Langsettian
	GAS	Great Arc Sandstone	Sandstone	Langsettian - Langsettian
	RSC	Riddle Scout Rock	Sandstone	Langsettian - Langsettian
	PLCM	Pennine Lower Coal Measures Formation	Sandstone	Langsettian - Langsettian

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	HER	Helpet Edge Rock	Sandstone	Langsettian - Langsettian
	DF	Darwen Flags	Sandstone	Langsettian - Langsettian
	ROSSE	Rossendale Formation	Mudstone and Siltstone	Yeadonian - Yeadonian
	RR	Rough Rock	Sandstone	Yeadonian - Yeadonian
	UH	Upper Haslingden Flags	Sandstone	Yeadonian - Yeadonian
	LH	Lower Haslingden Flags	Sandstone	Yeadonian - Yeadonian
		Faults		
		Rock Segments		



Geology 1:50,000 Maps

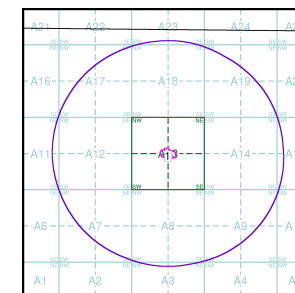
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps.

The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map ID:	1
Map Sheet No:	085
Map Name:	Manchester
Map Date:	2011
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Available
Faults:	Not Supplied
Landslip:	Available
Rock Segments:	Not Supplied

Geology 1:50,000 Maps - Slice A



Order Details:

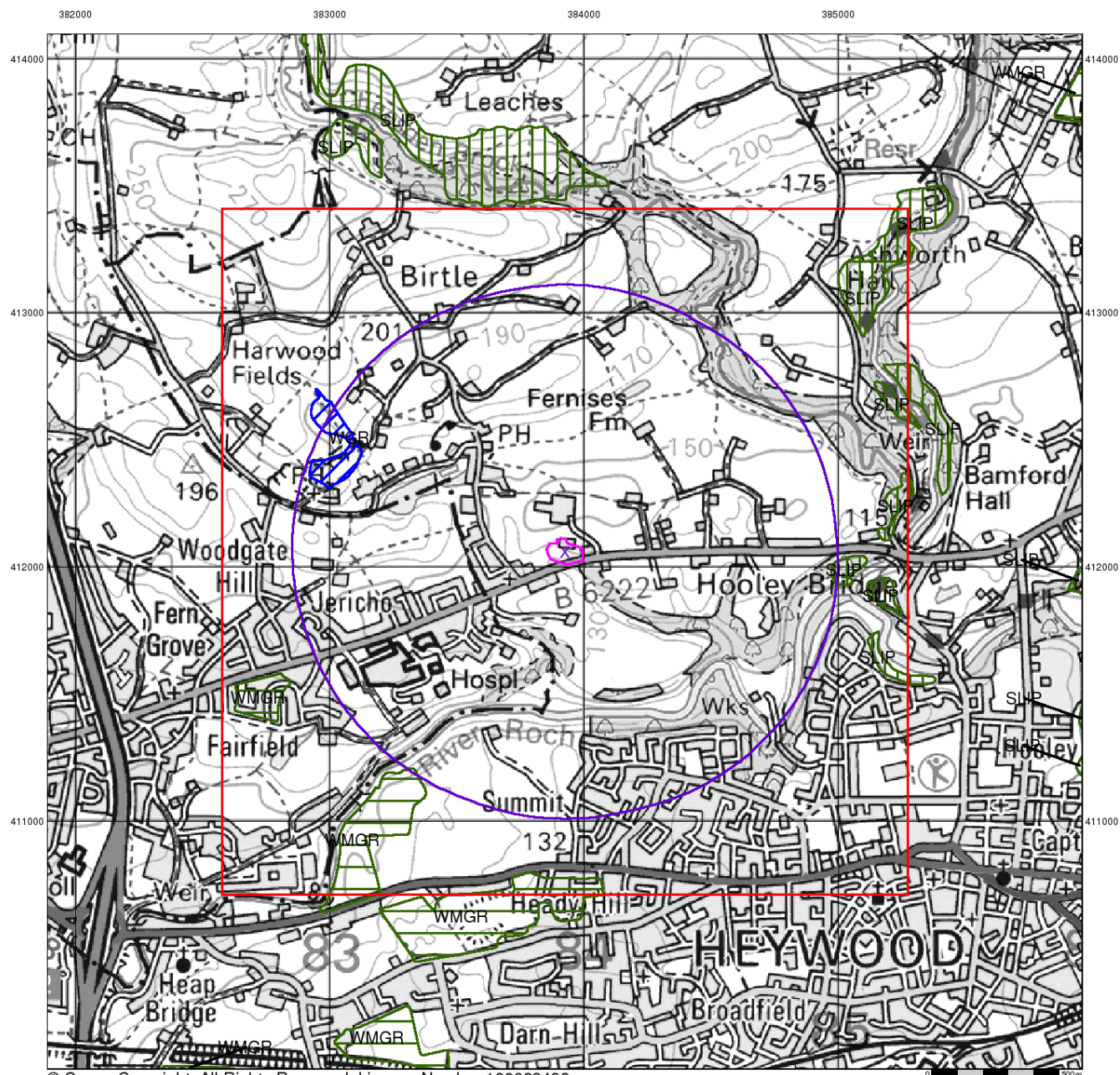
Order Number:	88327429_1_1
Customer Reference:	LKC 16 1018
National Grid Reference:	383930, 412060
Slice:	A
Site Area (Ha):	1.02
Search Buffer (m):	1000

Site Details:

Tack Lea Works,, Bury & Rochdale Old Road, Bury, BL9 6UY



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



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Artificial Ground and Landslip

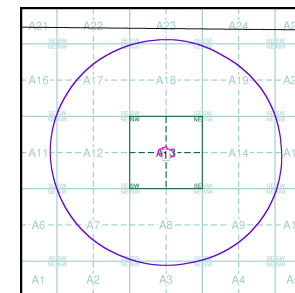
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice A



Order Details:

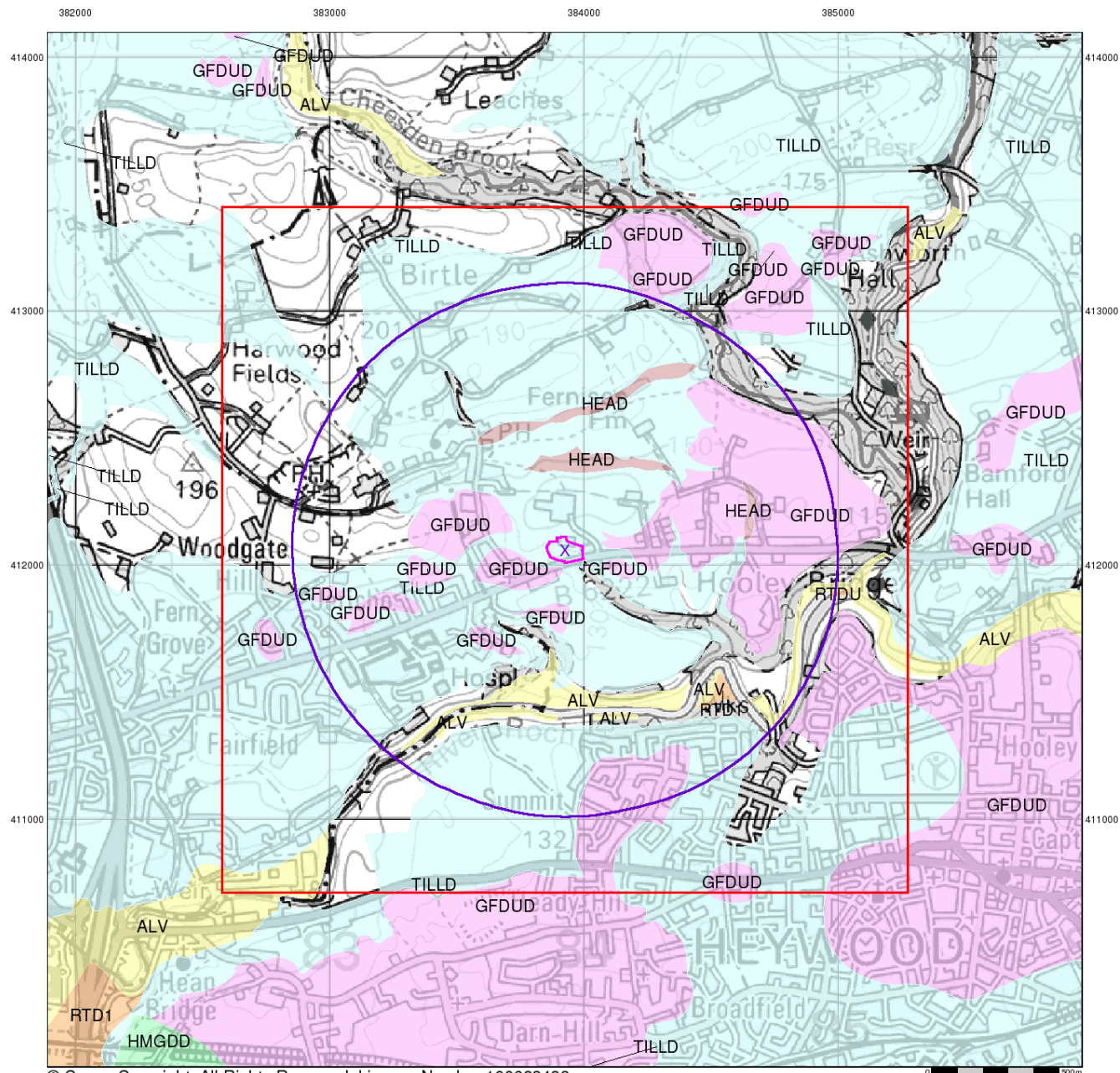
Order Number: 88327429 1 1
 Customer Reference: LKC 16 1018
 National Grid Reference: 383930, 412060
 Slice: A
 Site Area (Ha): 1.02
 Search Buffer (m): 1000

Site Details:

Tack Lea Works, Bury & Rochdale Old Road, Bury, BL9 6UY



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



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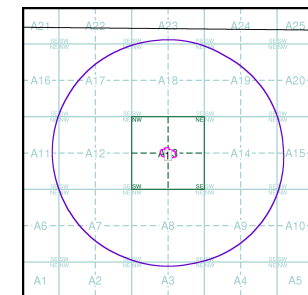
Superficial Geology

Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, the Quaternary, which extends back about 1.8 million years from the present.

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

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

Superficial Geology Map - Slice A



Order Details:

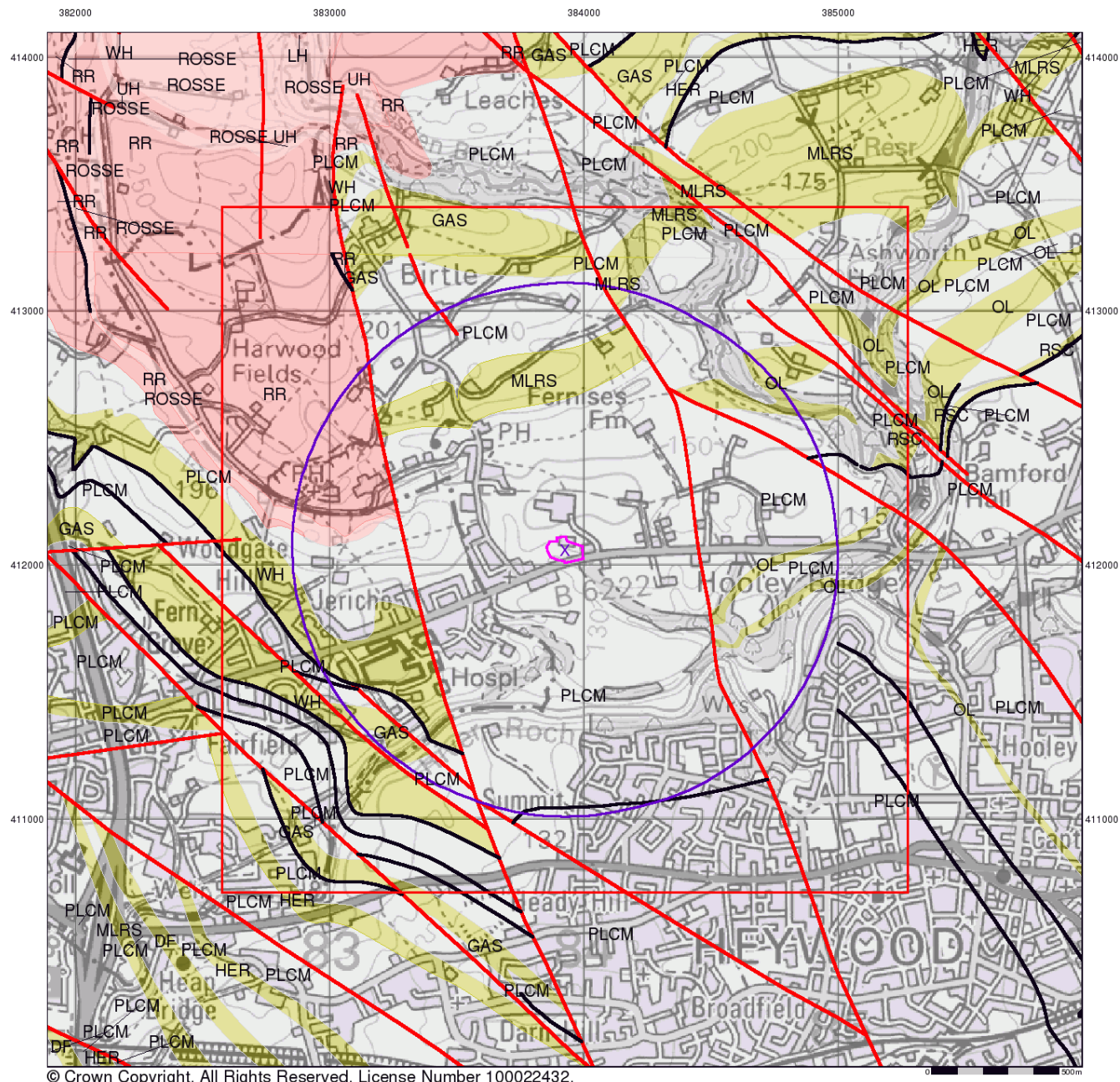
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 Customer Reference: LKC 16 1018
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 Slice: A
 Site Area (Ha): 1.02
 Search Buffer (m): 1000

Site Details:

Tack Lea Works,, Bury & Rochdale Old Road, Bury, BL9 6UY



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



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Bedrock and Faults

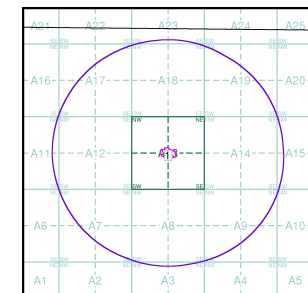
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice A



Order Details:

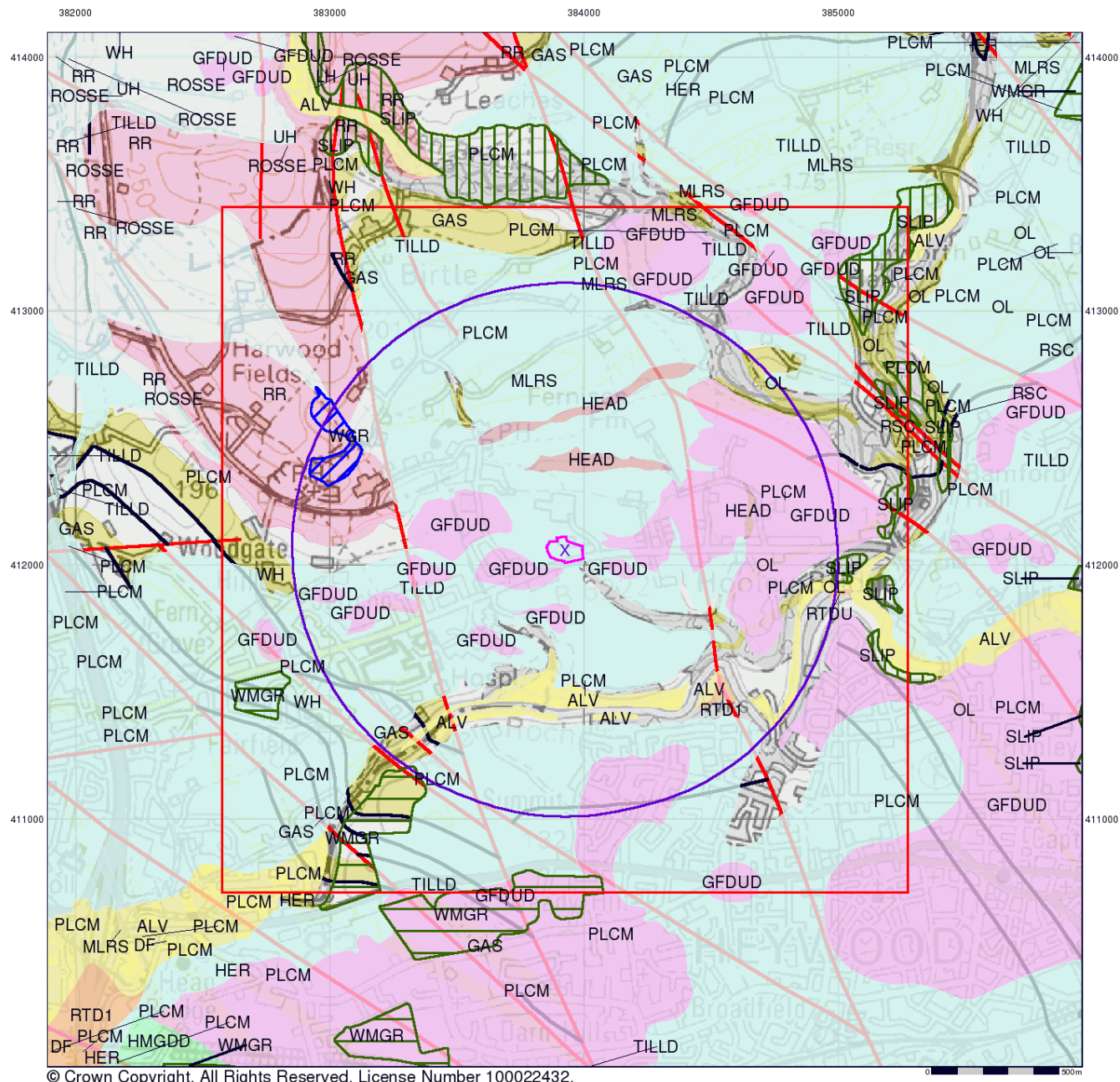
Order Number: 88327429 1 1
Customer Reference: LKC 16 1018
National Grid Reference: 383930, 412060
Slice: A
Site Area (Ha): 1.02
Search Buffer (m): 1000

Site Details:

Tack Lea Works., Bury & Rochdale Old Road, Bury, BL9 6UY



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Combined Surface Geology

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

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

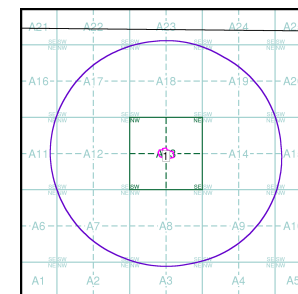
Additional Information

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

Contact

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

Combined Geology Map - Slice A



Order Details:

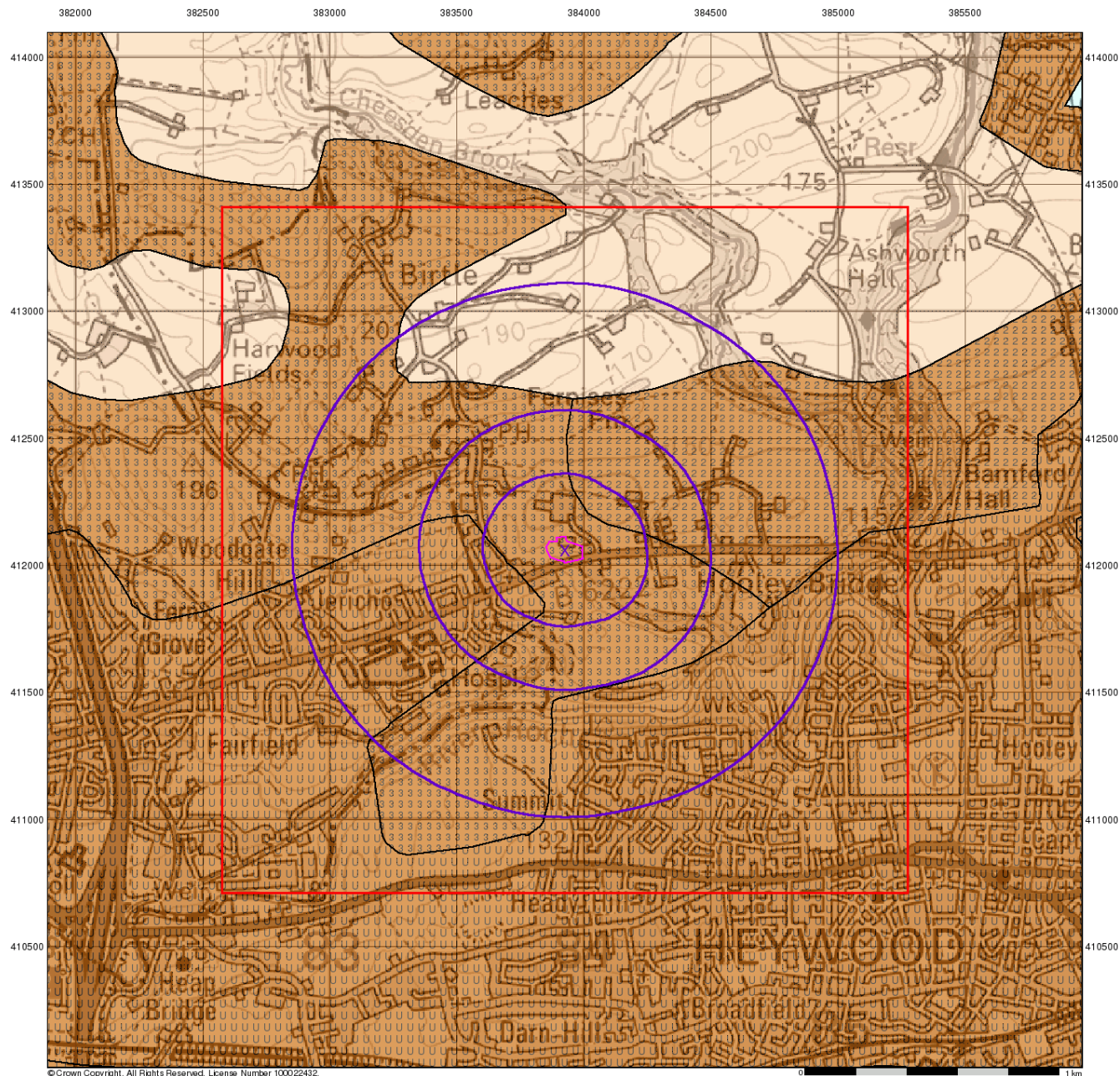
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Customer Reference: LKC 16 1018
National Grid Reference: 383930, 412060
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Groundwater Vulnerability

General

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

Agency and Hydrological

Geological Classes

Major Aquifer (Highly Permeable)

Minor Aquifer (Variably Permeable)

Non Aquifer (Negligibly Permeable)

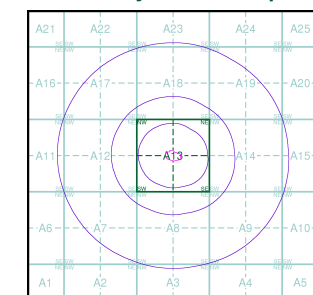
Water or Sea

Drift Deposit

Soil Classes

- High (H) 1, 2, 3, U
- Intermediate (I) 1, 2
- Low
- High (H) 1, 2, 3, U
- Intermediate (I) 1, 2
- Low
-
-

Site Sensitivity Context Map - Slice A



Order Details

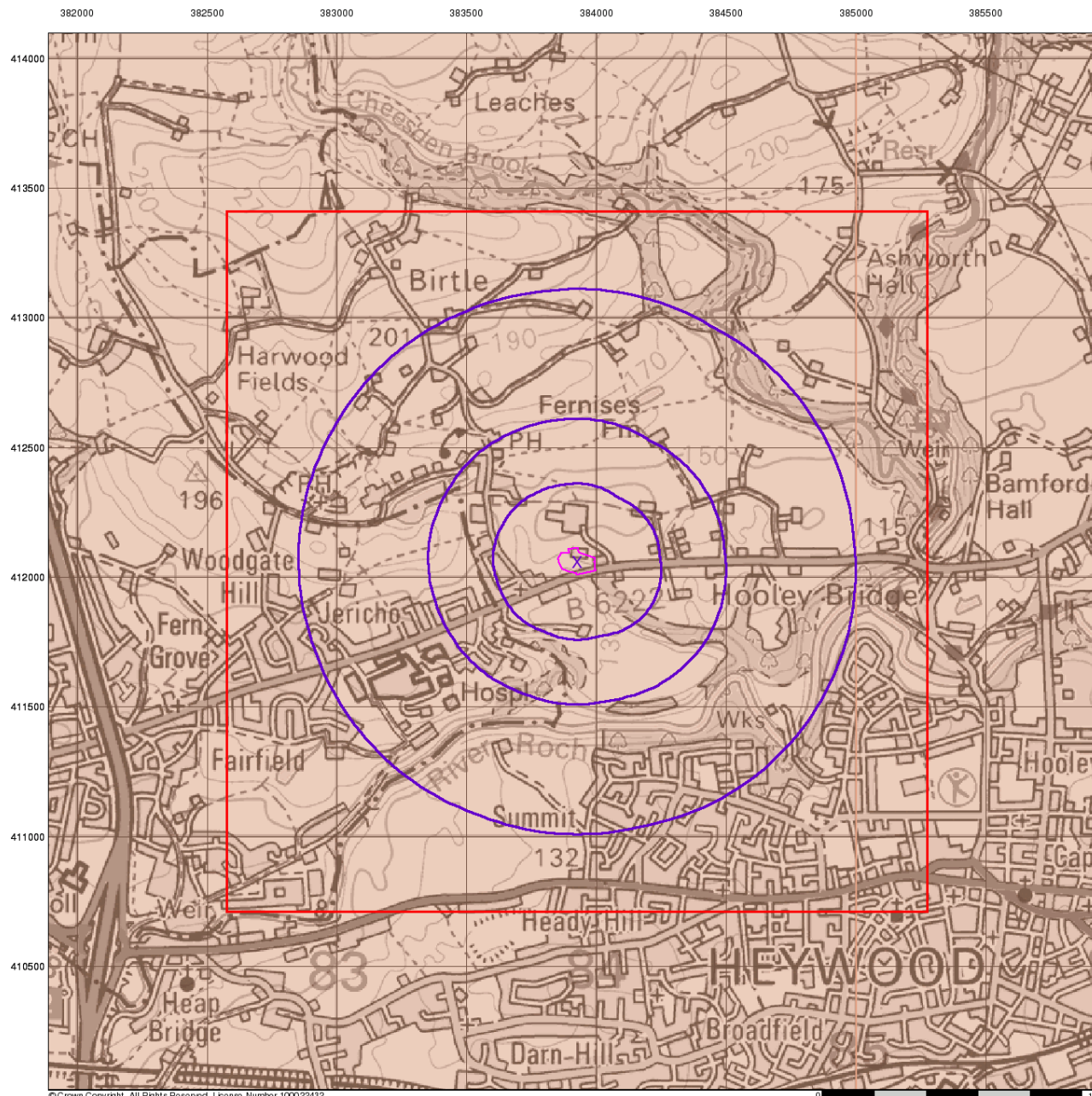
Order Number: 88327429 1 1
 Customer Ref: LKC 16 1018
 National Grid Reference: 383930, 412060
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Bedrock Aquifer Designation

General

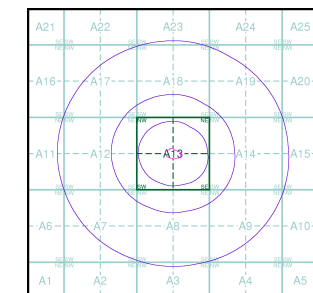
- ✕ Specified Site ○ Specified Buffer(s) ✕ Bearing Reference Point
- Slice B Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

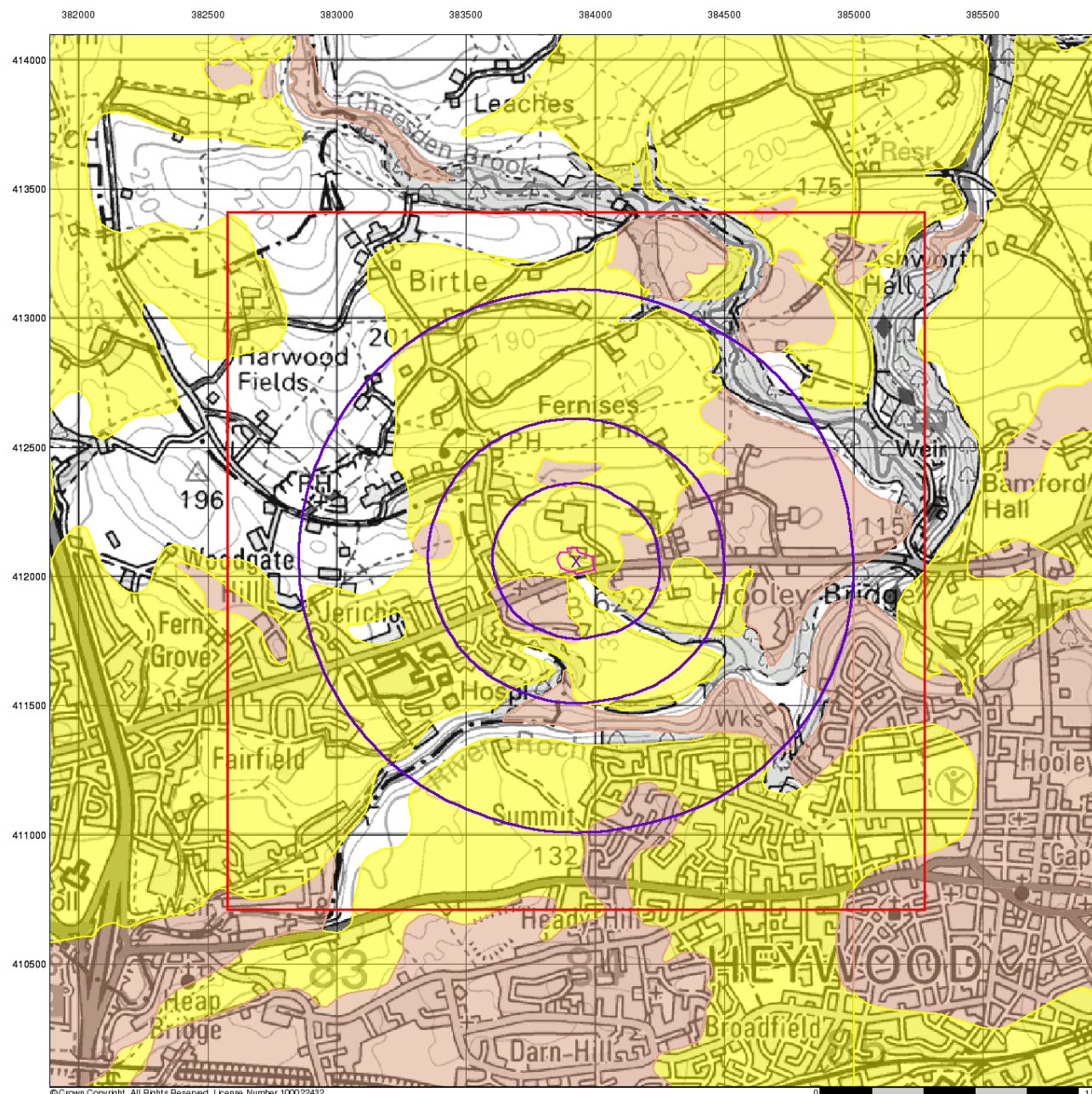
Order Number: 88327429 1 1
 Customer Ref: LKC 16 1018
 National Grid Reference: 383930, 412060
 Slice: A
 Site Area (Ha): 1.02
 Search Buffer (m): 1000

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Superficial Aquifer Designation

General

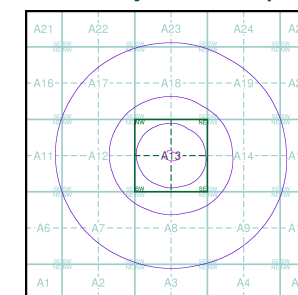
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

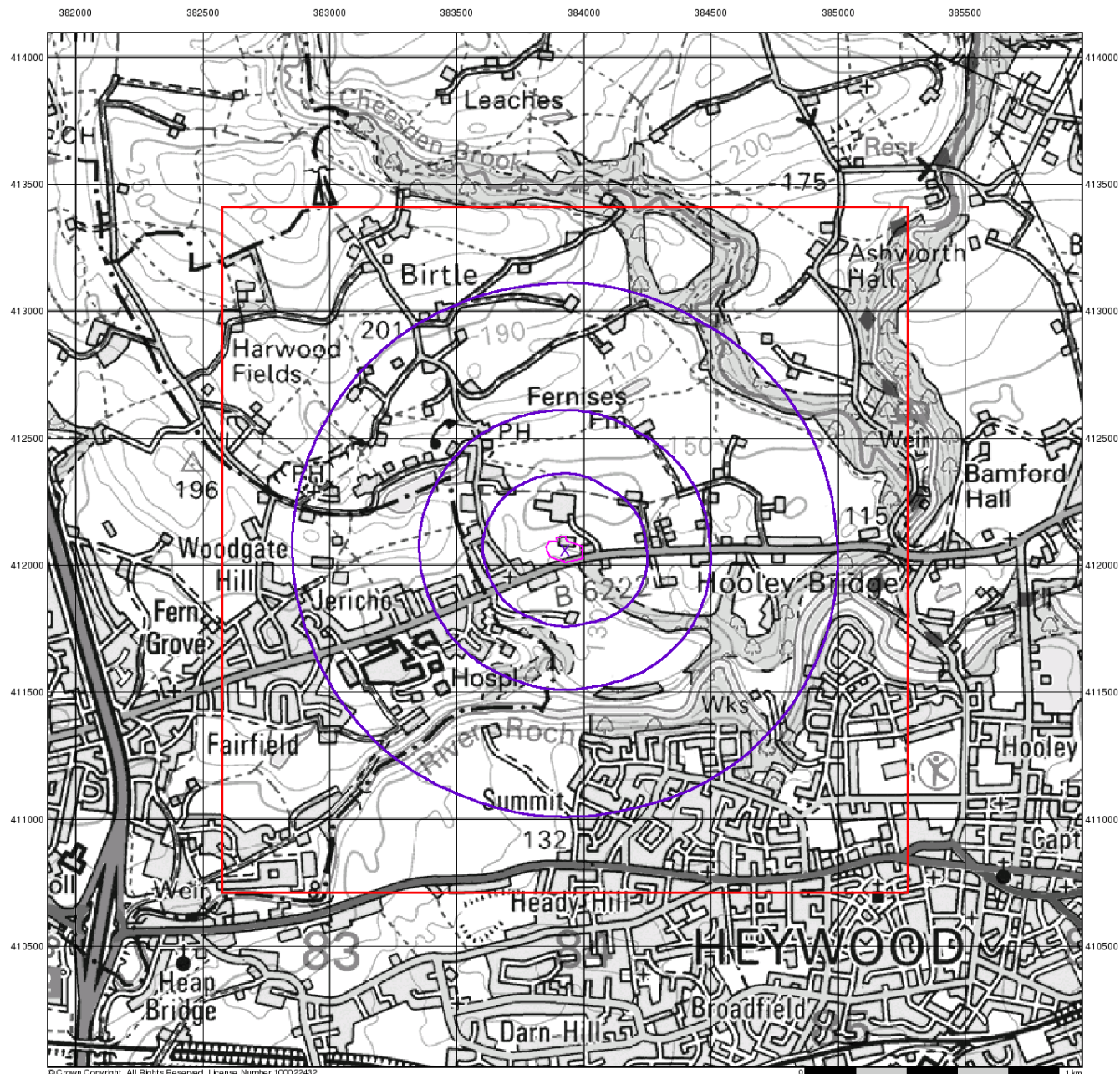
Order Number: 88327429 1 1
 Customer Ref: LKC 16 1018
 National Grid Reference: 383930, 412060
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Source Protection Zones

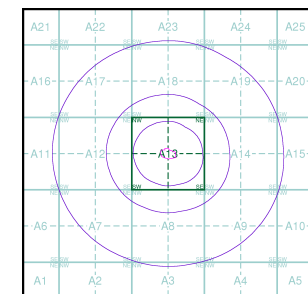
General

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

Agency and Hydrological

- Inner zone (Zone 1)
- Inner zone - subsurface activity only (Zone 1c)
- Outer zone (Zone 2)
- Outer zone - subsurface activity only (Zone 2c)
- Total catchment (Zone 3)
- Total catchment - subsurface activity only (Zone 3c)
- Special interest (Zone 4)
- Source Protection Zone Borehole

Site Sensitivity Context Map - Slice A



Order Details

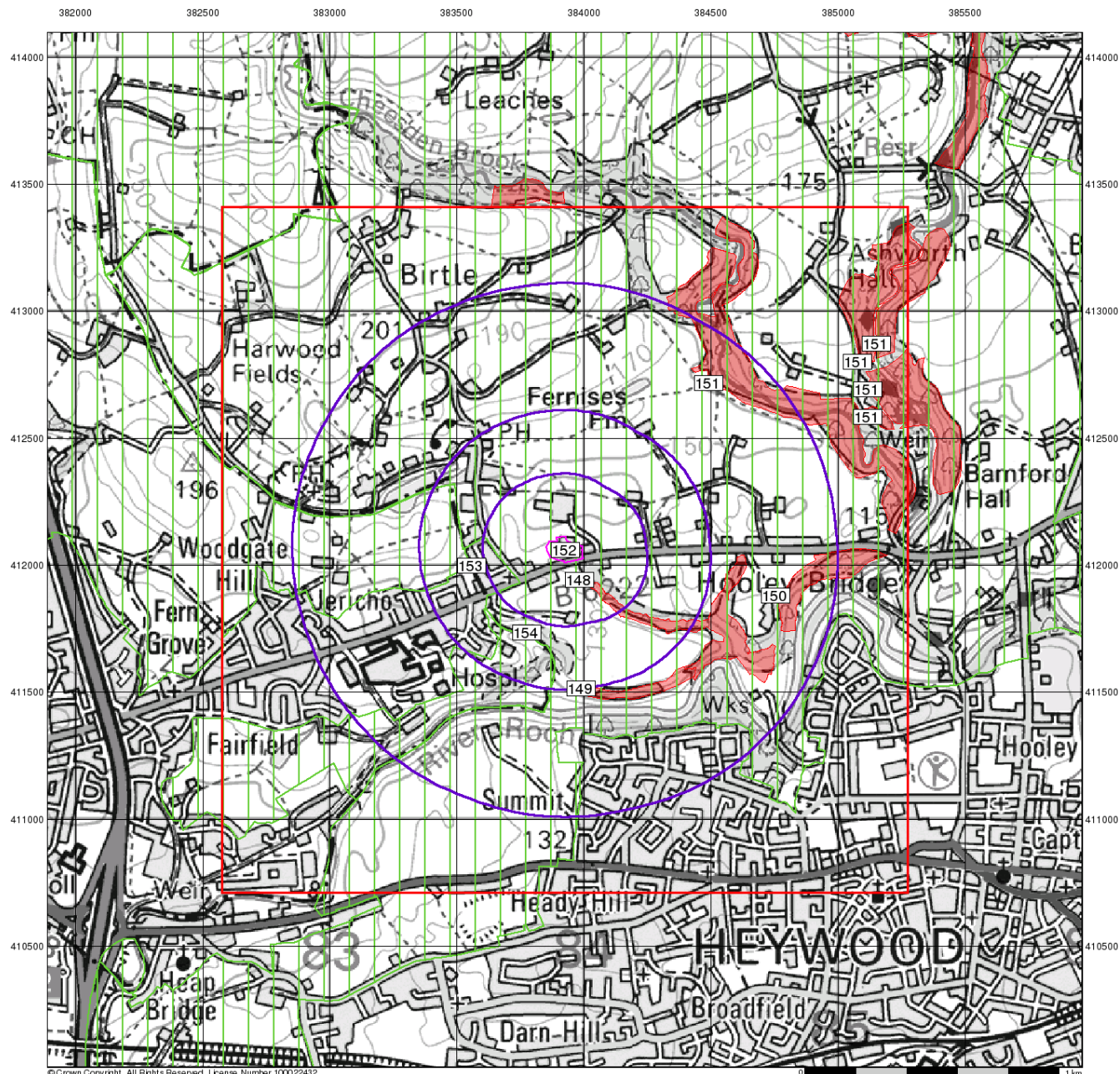
Order Number: 88327429 1 1
 Customer Ref: LKC 16 1018
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Sensitive Land Uses

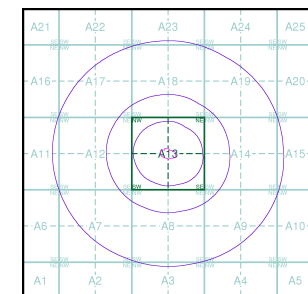
General

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

Sensitive Land Uses

- Ancient Woodland
- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area
- World Heritage Sites

Site Sensitivity Context Map - Slice A



Order Details

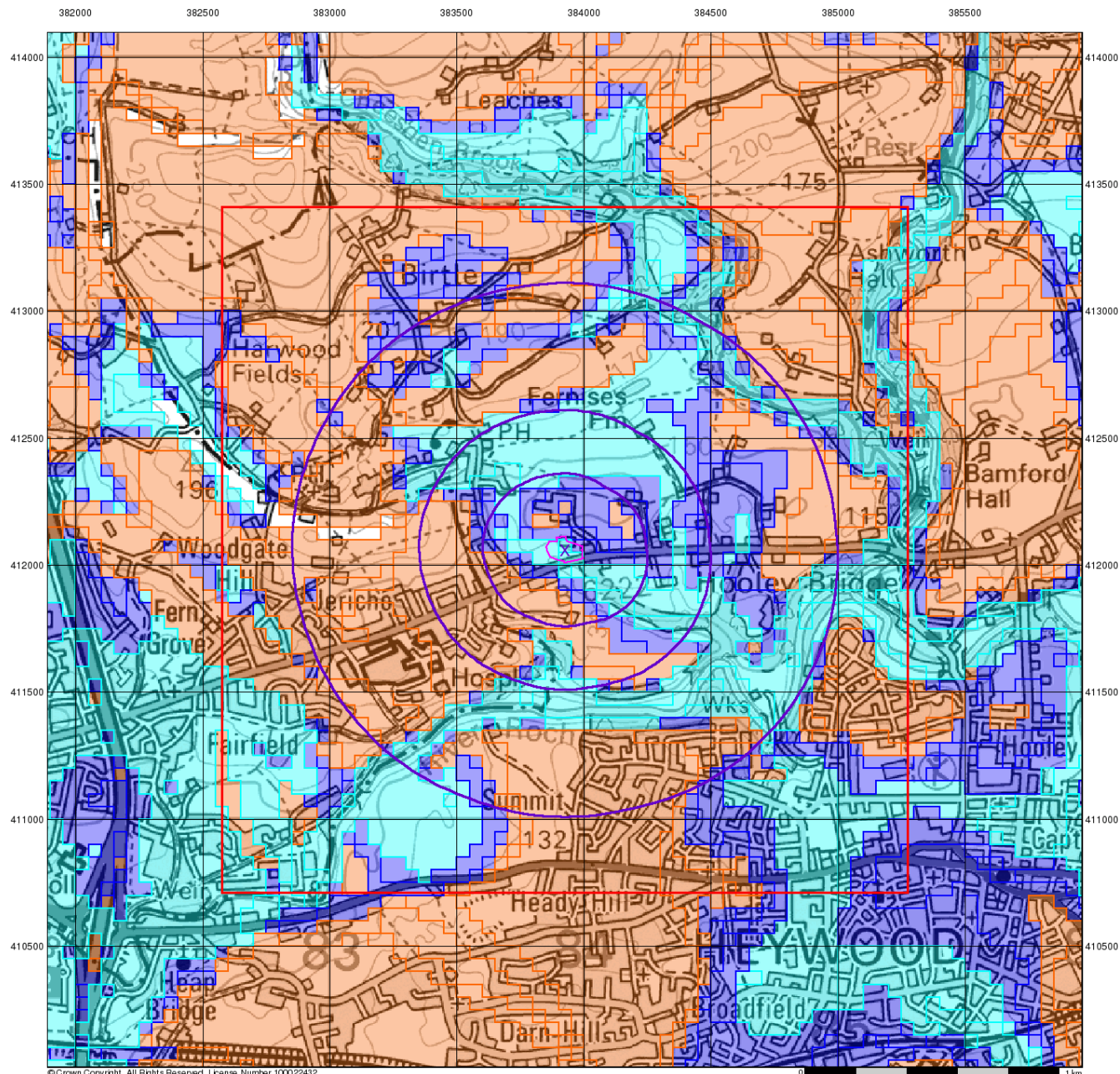
Order Number: 88327429 1 1
 Customer Ref: LKC 16 1018
 National Grid Reference: 383930, 412060
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0 1 km



BGS Flood GFS Data

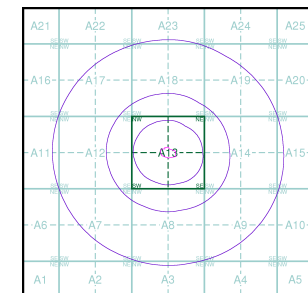
General

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

Agency and Hydrological (Flood)

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

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 88327429 1 1
 Customer Ref: LKC 16 1018
 National Grid Reference: 383930, 412060
 Slice: A
 Site Area (Ha): 1.02
 Search Buffer (m): 1000

Site Details

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APPENDIX C

HISTORICAL BGS BOREHOLES

British Geological Survey

Norwest Holst Soil Engineering Ltd.

British Geological Survey

British Geological Survey

Borehole No.

2

Contract No. F6141

BOREHOLE LOG

Location Bury and Rochdale Old Road Sewer

Client Metropolitan Borough of Rochdale

Method of Boring Percussion

Diameter of Borehole 150 mm

Sheet 1 of 1

Chainage

Ground Level 135.950 m.A.O.D.

Date 17/10/84

Description of Strata	Legend	Depth Below G.L. (m)	O.D. Level (m)	Casing Depth at Sampling	Sampling and Coring	"N"/R.O.D. %	Daily Progress
MADE GROUND: Tarmac, stone sets and sandy clay		1.50	134.5		1.50 (45)		
Firm brown and grey mottled silty CLAY with occasional coal		2.00	134.0		2.50 (50)		
Soft firm grey sandy silty CLAY with gravel and mudstone		5.20	130.8	150mm	4.00 (50)		
Brown coarse SAND		5.30	130.7	to 6.00m	5.50		
Firm grey sandy silty CLAY with occasional gravel and sand partings		6.00	130.0			15	

Type of Sample

- A.P.T. Hardness
 Ic. C.P.T. Vane
 O Jar Water
 ● Bulk Piezometer

Remarks (Observations of Ground Water etc.) (45) - U100 blows

Water struck at 5.20m

Final standing level 5.00m

Standpipe installed to 6.00 m