| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 93 | **Registered Waste Treatment or Disposal Sites**<br>Licence Holder: M D B White & M.A.Dobson t/a 1 Autosalvage<br>Licence Reference: WD20 B1003<br>Site Location: No 1 Autosalvage, Lowfield Road, Bolton Upon Dearne, Barnsley, South Yorkshire<br>Operator Location: 15 Lewes Road, CONISBROUGH, South Yorkshire, DN12 2NN<br>Authority: Environment Agency - North East Region, Ridings Area<br>Site Category: Scrapyard<br>Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year)<br>Waste Source Restrictions: No known restriction on source of waste<br>Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled<br>Dated: 1st September 1993<br>Preceded By Licence: Not Given<br>Superseded By Licence: WD20 B1127 MOD 2<br>Positional Accuracy: Manually positioned to the address or location<br>Boundary Quality: Not Supplied<br>Authorised Waste: Cars/Light Comm.Vehicles Max Stor.<br>Wet Cell Batteries Max Stor.<br>Prohibited Waste: Liquid Wastes<br>Waste N.O.S. | A18SW (NW) | 534 | 2 | 445800 402950 |
| 94 | **Registered Waste Treatment or Disposal Sites**<br>Licence Holder: Mr Leach t/a Leach Brothers<br>Licence Reference: WD20 B1002 MOD 2<br>Site Location: Lowfield Road, Bolton Upon Dearne, Barnsley, South Yorkshire<br>Operator Location: c/o 71 Calder Road, BOLTON UPON DEARNE, South Yorkshire, S63 8JH<br>Authority: Environment Agency - North East Region, Ridings Area<br>Site Category: Scrapyard<br>Max Input Rate: Very Small (Less than 10,000 tonnes per year)<br>Waste Source Restrictions: No known restriction on source of waste<br>Licence Status: Operational as far as is knownOperational<br>Dated: 1st March 1997<br>Preceded By Licence: WD20 B1002<br>Superseded By Licence: Not Given<br>Positional Accuracy: Located by supplier to within 100m<br>Boundary Quality: Not Supplied<br>Authorised Waste: Cars Max.Stor<br>Light Commercial Vehicles<br>Max.Waste Permitted By Licence<br>Prohibited Waste: Liquid Wastes<br>Waste N.O.S. | A17SE (NW) | 547 | 2 | 445750 402940 |
| 94 | **Registered Waste Treatment or Disposal Sites**<br>Licence Holder: Mr Leach t/a Leach Brothers<br>Licence Reference: WD20 B1002<br>Site Location: Lowfield Road, Bolton Upon Dearne, Barnsley, South Yorkshire<br>Operator Location: c/o 71 Calder Road, BOLTON UPON DEARNE, South Yorkshire, S63 8JH<br>Authority: Environment Agency - North East Region, Ridings Area<br>Site Category: Scrapyard<br>Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year)<br>Waste Source Restrictions: No known restriction on source of waste<br>Licence Status: Record supersededSuperseded<br>Dated: 1st June 1993<br>Preceded By Licence: Not Given<br>Superseded By Licence: WD20 B1002 MOD 2<br>Positional Accuracy: Located by supplier to within 100m<br>Boundary Quality: Not Supplied<br>Authorised Waste: Batteries Max.Stor<br>Cars Max.Stor<br>Light Commercial Vehicles<br>Prohibited Waste: Liquid Wastes | A17SE (NW) | 547 | 2 | 445750 402940 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS 1:625,000 Solid Geology**<br>Description: Upper Westphalian (including Pennant Measures) | A13NW (SW) | 0 | 5 | 446085 402390 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A13NW (W) | 0 | 6 | 446000 402390 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A13NW (SW) | 0 | 6 | 446085 402390 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: <15 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 30 - 45 mg/kg | A13SE (S) | 63 | 6 | 446117 402253 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A13SW (SW) | 67 | 6 | 445990 402216 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: <15 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 30 - 45 mg/kg | A13SW (SW) | 77 | 6 | 446000 402218 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: <15 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 30 - 45 mg/kg | A13SW (SW) | 79 | 6 | 445997 402212 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: <15 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 30 - 45 mg/kg | A13SW (SW) | 84 | 6 | 446000 402211 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A13NW (NW) | 260 | 6 | 445857 402667 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: <15 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 30 - 45 mg/kg | A8NW (S) | 294 | 6 | 446000 402000 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 30 - 45 mg/kg | A8NW (S) | 295 | 6 | 446085 402000 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: <15 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 30 - 45 mg/kg | A8NW (SW) | 301 | 6 | 445894 402001 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: <15 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 30 - 45 mg/kg | A8NW (SW) | 306 | 6 | 445897 402000 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A18SW (N) | 326 | 6 | 446000 402788 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A18SE (NE) | 336 | 6 | 446395 402738 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 30 - 45 mg/kg | A8NW (S) | 348 | 6 | 446000 401947 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A18SW (N) | 350 | 6 | 446037 402821 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: <15 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 30 - 45 mg/kg | A18SW (N) | 371 | 6 | 446064 402846 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A12SE (SW) | 392 | 6 | 445614 402156 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A18SW (N) | 394 | 6 | 446000 402859 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: <15 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 30 - 45 mg/kg | A18SW (N) | 441 | 6 | 446000 402907 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 30 - 45 mg/kg | A9NW (SE) | 452 | 6 | 446449 402000 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A9NW (SE) | 500 | 6 | 446497 401980 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 30 - 45 mg/kg | A18SW (N) | 523 | 6 | 446085 403000 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 30 - 45 mg/kg | A18SW (N) | 533 | 6 | 446000 403000 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 30 - 45 mg/kg | A18SE (N) | 535 | 6 | 446233 403000 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A18SW (N) | 551 | 6 | 445898 403000 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A18SW (N) | 567 | 6 | 445837 403000 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A18NW (N) | 587 | 6 | 446063 403063 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A8NE (S) | 592 | 6 | 446300 401759 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A8NE (S) | 595 | 6 | 446334 401771 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A9NW (SE) | 609 | 6 | 446468 401820 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A18NW (N) | 616 | 6 | 446000 403084 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A8SW (S) | 627 | 6 | 446000 401667 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A9NW (SE) | 671 | 6 | 446663 401908 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 30 - 45 mg/kg | A14NE (E) | 790 | 6 | 447000 402390 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A7NW (SW) | 798 | 6 | 445404 401744 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A19SE (NE) | 871 | 6 | 446921 402959 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A19SE (NE) | 879 | 6 | 446900 403000 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A19SE (NE) | 887 | 6 | 447000 402858 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A7SE (SW) | 904 | 6 | 445542 401504 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 30 - 45 mg/kg | A9NE (SE) | 910 | 6 | 447000 402000 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: <15 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 30 - 45 mg/kg | A7SW (SW) | 922 | 6 | 445315 401657 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A9SW (SE) | 931 | 6 | 446694 401584 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A19SE (NE) | 959 | 6 | 447000 403000 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A9NE (SE) | 961 | 6 | 447000 401896 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A7NW (SW) | 966 | 6 | 445110 401878 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A11NE (W) | 982 | 6 | 445000 402390 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: <15 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A11SE (W) | 999 | 6 | 445000 402111 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 95 | **BGS Recorded Mineral Sites**<br>Site Name: Gas Works Clay Pit<br>Location: , Bolton-Upon-Dearne, South Yorkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 108122<br>Type: Opencast<br>**Status: Ceased**<br>Operator: Unknown Operator<br>Operator Location: Unknown Operator<br>Periodic Type: Quaternary<br>Geology: Alluvium<br>Commodity: Common Clay and Shale<br>Positional Accuracy: Located by supplier to within 10m | A18NW (N) | 632 | 5 | 445830 403066 |
| 96 | **BGS Recorded Mineral Sites**<br>Site Name: Bolton Hall Quarry<br>Location: , Bolton-Upon-Dearne, South Yorkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 108121<br>Type: Opencast<br>**Status: Ceased**<br>Operator: Unknown Operator<br>Operator Location: Unknown Operator<br>Periodic Type: Carboniferous<br>Geology: Mexborough Rock<br>Commodity: Sandstone<br>Positional Accuracy: Located by supplier to within 10m | A12NW (W) | 811 | 5 | 445228 402651 |
| 97 | **BGS Recorded Mineral Sites**<br>Site Name: Furlong Road Brickworks<br>Location: Furlong Road, Goldthorpe, Barnsley, South Yorkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 13103<br>Type: Opencast<br>**Status: Ceased**<br>Operator: Unknown Operator<br>Operator Location: Unknown Operator<br>Periodic Type: Carboniferous<br>Geology: Pennine Middle Coal Measures Formation<br>Commodity: Common Clay and Shale<br>Positional Accuracy: Located by supplier to within 10m | A23SW (N) | 987 | 5 | 445910 403445 |
| | **BGS Measured Urban Soil Chemistry**<br>No data available | | | | |
| | **BGS Urban Soil Chemistry Averages**<br>No data available | | | | |
| | **Coal Mining Affected Areas**<br>Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report. | A13NW (SW) | 0 | 7 | 446085 402390 |
| | **Mining Instability**<br>Mining Evidence: Inconclusive Coal Mining<br>Source: Ove Arup & Partners<br>Boundary Quality: As Supplied | A13NW (SW) | 0 | - | 446085 402390 |
| | **Non Coal Mining Areas of Great Britain**<br>No Hazard | | | | |
| | **Potential for Collapsible Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A13NW (SW) | 0 | 5 | 446085 402390 |
| | **Potential for Collapsible Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13SW (S) | 85 | 5 | 446094 402221 |
| | **Potential for Compressible Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13NW (SW) | 0 | 5 | 446085 402390 |
| | **Potential for Compressible Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A13SW (W) | 79 | 5 | 445911 402385 |
| | **Potential for Compressible Ground Stability Hazards**<br>Hazard Potential: Moderate<br>Source: British Geological Survey, National Geoscience Information Service | A13SW (S) | 85 | 5 | 446094 402221 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Potential for Ground Dissolution Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13NW (SW) | 0 | 5 | 446085 402390 |
| | **Potential for Landslide Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A13NW (SW) | 0 | 5 | 446085 402390 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13NW (SW) | 0 | 5 | 446085 402390 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A13SW (W) | 79 | 5 | 445911 402385 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service | A13SW (S) | 85 | 5 | 446094 402221 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13NW (SW) | 0 | 5 | 446085 402390 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A13SW (SW) | 0 | 5 | 446021 402285 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service | A13SW (S) | 85 | 5 | 446094 402221 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A13NE (N) | 120 | 5 | 446170 402599 |
| | **Radon Potential - Radon Protection Measures**<br>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions<br>Source: British Geological Survey, National Geoscience Information Service | A13NW (SW) | 0 | 5 | 446085 402390 |
| | **Radon Potential - Radon Protection Measures**<br>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions<br>Source: British Geological Survey, National Geoscience Information Service | A13SW (S) | 0 | 5 | 446085 402326 |
| | **Radon Potential - Radon Affected Areas**<br>Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level<br>Source: British Geological Survey, National Geoscience Information Service | A13NW (SW) | 0 | 5 | 446085 402390 |
| | **Radon Potential - Radon Affected Areas**<br>Affected Area: The property is in an intermediate probability radon area, as between 1 and 3% of homes are above the action level<br>Source: British Geological Survey, National Geoscience Information Service | A13SW (S) | 0 | 5 | 446085 402326 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 98 | **Contemporary Trade Directory Entries**<br>Name: No 1 Auto Salvage<br>Location: Lowfield Road, Bolton-upon-Dearne, Rotherham, South Yorkshire, S63 8JD<br>Classification: Car Breakers & Dismantlers<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned in the proximity of the address | A13NW (N) | 77 | - | 446094 402554 |
| 99 | **Contemporary Trade Directory Entries**<br>Name: Lowfield Road Dismantlers<br>Location: Lowfield Farm,Lowfield Rd, Bolton-upon-Dearne, Rotherham, South Yorkshire, S63 8JG<br>Classification: Car Breakers & Dismantlers<br>**Status: Active**<br>Positional Accuracy: Manually positioned to the address or location | A13NW (N) | 125 | - | 446072 402599 |
| 100 | **Contemporary Trade Directory Entries**<br>Name: Dearne Metals<br>Location: 3 Lowfield Rd, Bolton-upon-Dearne, Rotherham, South Yorkshire, S63 8JF<br>Classification: Scrap Metal Merchants<br>**Status: Inactive**<br>Positional Accuracy: Manually positioned to the road within the address or location | A13NW (NW) | 192 | - | 445868 402583 |
| 101 | **Contemporary Trade Directory Entries**<br>Name: Aqua Scaffolding<br>Location: 1, Watermead, Bolton-upon-Dearne, Rotherham, South Yorkshire, S63 8NF<br>Classification: Scaffolding & Work Platforms<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A12SE (W) | 330 | - | 445652 402305 |
| 102 | **Contemporary Trade Directory Entries**<br>Name: Ogden Group Of Companies Ltd<br>Location: Mexborough Rd, Bolton-Upon-Dearne, Rotherham, South Yorkshire, S63 8LX<br>Classification: Coal Mining<br>**Status: Inactive**<br>Positional Accuracy: Manually positioned to the road within the address or location | A12SE (SW) | 332 | - | 445670 402180 |
| 102 | **Contemporary Trade Directory Entries**<br>Name: Dearne Filling Station<br>Location: Mexborough Rd, Bolton Upon Dearne, Rotherham, South Yorkshire, S63 8LX<br>Classification: Petrol Filling Stations<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A12SE (SW) | 361 | - | 445638 402184 |
| 103 | **Contemporary Trade Directory Entries**<br>Name: Gateways Fuels Ltd<br>Location: Mambers Depot,Mexborough Rd, Bolton-upon-Dearne, Rotherham, South Yorkshire, S63 8LX<br>Classification: Coal & Smokeless Fuel Merchants & Distributors<br>**Status: Inactive**<br>Positional Accuracy: Manually positioned to the road within the address or location | A12SE (W) | 352 | - | 445637 402225 |
| 104 | **Contemporary Trade Directory Entries**<br>Name: G M Asquith<br>Location: 18-20, Cemetery Road, Bolton-upon-Dearne, Rotherham, South Yorkshire, S63 8LS<br>Classification: Gate Manufacturers<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A12NE (W) | 528 | - | 445467 402411 |
| 105 | **Contemporary Trade Directory Entries**<br>Name: Motor Spares Uk<br>Location: Lowfield Road, Bolton-upon-Dearne, Rotherham, South Yorkshire, S63 8JD<br>Classification: Car Breakers & Dismantlers<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A18SW (NW) | 530 | - | 445771 402932 |
| 106 | **Contemporary Trade Directory Entries**<br>Name: Barnies Rubble Fencing & Diy<br>Location: 22, Station Road, Bolton-upon-Dearne, Rotherham, South Yorkshire, S63 8AB<br>Classification: Fencing Manufacturers<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A12NE (NW) | 605 | - | 445465 402710 |
| 107 | **Contemporary Trade Directory Entries**<br>Name: Tonge & Associates<br>Location: 4, Chapel Street, Bolton-upon-Dearne, Rotherham, South Yorkshire, S63 8HY<br>Classification: Telecommunications Equipment & Systems<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A17SE (NW) | 661 | - | 445499 402873 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 108 | **Contemporary Trade Directory Entries**<br>Name: Hometune Motoring Services<br>Location: 5, Rydal Close, Bolton-upon-Dearne, Rotherham, South Yorkshire, S63 8NN<br>Classification: Car Engine Tuning & Diagnostic Services<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A12SW (W) | 704 | - | 445281 402362 |
| 109 | **Contemporary Trade Directory Entries**<br>Name: Jwh<br>Location: 6, Kendal Drive, Bolton-upon-Dearne, Rotherham, South Yorkshire, S63 8NJ<br>Classification: Carpet, Curtain & Upholstery Cleaners<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A12NW (W) | 786 | - | 445207 402426 |
| 110 | **Contemporary Trade Directory Entries**<br>Name: Andrew Cowley<br>Location: Tramways,Wath Rd, Bolton Upon Dearne, Rotherham, South Yorkshire, S63 8JP<br>Classification: Road Haulage Services<br>**Status: Inactive**<br>Positional Accuracy: Manually positioned to the address or location | A12NW (W) | 786 | - | 445233 402554 |
| 111 | **Contemporary Trade Directory Entries**<br>Name: L A W Andrews (Mexborough) Ltd<br>Location: 17-21, Wath Road, Bolton-upon-Dearne, Rotherham, South Yorkshire, S63 8LQ<br>Classification: Road Haulage Services<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A12NW (W) | 810 | - | 445198 402502 |
| 111 | **Contemporary Trade Directory Entries**<br>Name: Andrews<br>Location: Wath Rd, Bolton-upon-Dearne, Rotherham, South Yorkshire, S63 8LQ<br>Classification: Road Haulage Services<br>**Status: Inactive**<br>Positional Accuracy: Manually positioned to the road within the address or location | A12NW (W) | 847 | - | 445162 402510 |
| 112 | **Contemporary Trade Directory Entries**<br>Name: S.M. Auto Services<br>Location: 42, Wath Road, Bolton-upon-Dearne, Rotherham, South Yorkshire, S63 8JP<br>Classification: Car Dealers<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A12NW (W) | 884 | - | 445127 402523 |
| 113 | **Contemporary Trade Directory Entries**<br>Name: Accident Repair Centre<br>Location: 202, Furlong Road, Goldthorpe, Rotherham, South Yorkshire, S63 9PR<br>Classification: Car Body Repairs<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A18NW (N) | 953 | - | 445778 403385 |
| 114 | **Fuel Station Entries**<br>Name: Dearne Filling Station<br>Location: Mexborough Road, Bolton-upon-Dearne, ROTHERHAM, South Yorkshire, S63 8LX<br>Brand: Wcf<br>Premises Type: Not Applicable<br>**Status: Obsolete**<br>Positional Accuracy: Automatically positioned to the address | A12SE (SW) | 361 | - | 445638 402184 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 115 | **Areas of Adopted Green Belt**<br>Authority: Barnsley Metropolitan Borough Council, Planning Department<br>Plan Name: Barnsley Unitary Development Plan<br>**Status:** **Adopted**<br>Plan Date: 31st December 2000 | A13SE (SE) | 6 | 8 | 446162 402350 |
| 116 | **Areas of Adopted Green Belt**<br>Authority: Doncaster Metropolitan Borough Council<br>Plan Name: Doncaster Unitary Development Plan<br>**Status:** **Adopted**<br>Plan Date: 31st July 1998 | A13SW (S) | 169 | 9 | 446071 402126 |
| 117 | **Areas of Adopted Green Belt**<br>Authority: Rotherham Metropolitan Borough Council<br>Plan Name: Rotherham Unitary Development Plan<br>**Status:** **Adopted**<br>Plan Date: 14th June 1999 | A12SE (SW) | 349 | 10 | 445683 402113 |
| 118 | **Nitrate Vulnerable Zones**<br>Name: Not Supplied<br>Description: Surface Water<br>Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) | A13NW (SW) | 0 | 11 | 446085 402390 |

| Agency & Hydrological | Version | Update Cycle |
|---|---|---|
| **Contaminated Land Register Entries and Notices** | | |
| Rotherham Metropolitan Borough Council - Environmental Health Department | April 2014 | Annual Rolling Update |
| Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards | July 2013 | Annual Rolling Update |
| Doncaster Metropolitan Borough Council - Environmental Services | November 2012 | Annual Rolling Update |
| Wakefield City Metropolitan District Council - Environmental Health | November 2012 | Annual Rolling Update |
| **Discharge Consents** | | |
| Environment Agency - North East Region | August 2014 | Quarterly |
| **Enforcement and Prohibition Notices** | | |
| Environment Agency - North East Region | March 2013 | As notified |
| **Integrated Pollution Controls** | | |
| Environment Agency - North East Region | October 2008 | Not Applicable |
| **Integrated Pollution Prevention And Control** | | |
| Environment Agency - North East Region | August 2014 | Quarterly |
| **Local Authority Integrated Pollution Prevention And Control** | | |
| Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards | April 2014 | Annual Rolling Update |
| Doncaster Metropolitan Borough Council - Environmental Services | June 2014 | Annual Rolling Update |
| Wakefield City Metropolitan District Council - Environmental Health | June 2014 | Annual Rolling Update |
| Rotherham Metropolitan Borough Council - Planning Department | September 2011 | Annual Rolling Update |
| **Local Authority Pollution Prevention and Controls** | | |
| Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards | April 2014 | Annual Rolling Update |
| Doncaster Metropolitan Borough Council - Environmental Services | June 2014 | Annual Rolling Update |
| Wakefield City Metropolitan District Council - Environmental Health | June 2014 | Annual Rolling Update |
| Rotherham Metropolitan Borough Council - Planning Department | March 2013 | Annual Rolling Update |
| **Local Authority Pollution Prevention and Control Enforcements** | | |
| Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards | April 2014 | Annual Rolling Update |
| Doncaster Metropolitan Borough Council - Environmental Services | June 2014 | Annual Rolling Update |
| Wakefield City Metropolitan District Council - Environmental Health | June 2014 | Annual Rolling Update |
| Rotherham Metropolitan Borough Council - Planning Department | March 2013 | Annual Rolling Update |
| **Nearest Surface Water Feature** | | |
| Ordnance Survey | July 2012 | Quarterly |
| **Pollution Incidents to Controlled Waters** | | |
| Environment Agency - North East Region | December 1998 | Not Applicable |
| **Prosecutions Relating to Authorised Processes** | | |
| Environment Agency - North East Region | March 2013 | As notified |
| **Prosecutions Relating to Controlled Waters** | | |
| Environment Agency - North East Region | March 2013 | As notified |
| **Registered Radioactive Substances** | | |
| Environment Agency - North East Region | August 2014 | Quarterly |
| **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 East Region - Ridings Area | August 2014 | Quarterly |
| Environment Agency - North East Region - Yorkshire Area | August 2014 | Quarterly |
| **Water Abstractions** | | |
| Environment Agency - North East Region | July 2014 | Quarterly |
| **Water Industry Act Referrals** | | |
| Environment Agency - North East Region | August 2014 | Quarterly |

| Agency & Hydrological | Version | Update Cycle |
|---|---|---|
| **Groundwater Vulnerability**<br>Environment Agency - Head Office | January 2011 | Not Applicable |
| **Drift Deposits**<br>Environment Agency - Head Office | January 1999 | Not Applicable |
| **Bedrock Aquifer Designations**<br>British Geological Survey - National Geoscience Information Service | October 2012 | Annually |
| **Superficial Aquifer Designations**<br>British Geological Survey - National Geoscience Information Service | October 2012 | Annually |
| **Source Protection Zones**<br>Environment Agency - Head Office | April 2014 | Quarterly |
| **Extreme Flooding from Rivers or Sea without Defences**<br>Environment Agency - Head Office | August 2014 | Quarterly |
| **Flooding from Rivers or Sea without Defences**<br>Environment Agency - Head Office | August 2014 | Quarterly |
| **Areas Benefiting from Flood Defences**<br>Environment Agency - Head Office | August 2014 | Quarterly |
| **Flood Water Storage Areas**<br>Environment Agency - Head Office | August 2014 | Quarterly |
| **Flood Defences**<br>Environment Agency - Head Office | August 2014 | Quarterly |
| **Detailed River Network Lines**<br>Environment Agency - Head Office | March 2012 | Annually |
| **Detailed River Network Offline Drainage**<br>Environment Agency - Head Office | March 2012 | Annually |

| Waste | Version | Update Cycle |
|---|---|---|
| **BGS Recorded Landfill Sites** | | |
| British Geological Survey - National Geoscience Information Service | June 1996 | Not Applicable |
| **Historical Landfill Sites** | | |
| Environment Agency - North East Region - Ridings Area | May 2014 | Quarterly |
| Environment Agency - North East Region - Yorkshire Area | May 2014 | Quarterly |
| **Integrated Pollution Control Registered Waste Sites** | | |
| Environment Agency - North East Region | October 2008 | Not Applicable |
| **Licensed Waste Management Facilities (Landfill Boundaries)** | | |
| Environment Agency - North East Region - Ridings Area | July 2014 | Quarterly |
| Environment Agency - North East Region - Yorkshire Area | July 2014 | Quarterly |
| **Licensed Waste Management Facilities (Locations)** | | |
| Environment Agency - North East Region - Ridings Area | August 2014 | Quarterly |
| Environment Agency - North East Region - Yorkshire Area | August 2014 | Quarterly |
| **Local Authority Landfill Coverage** | | |
| Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards | May 2000 | Not Applicable |
| Doncaster Metropolitan Borough Council - Environmental Services | May 2000 | Not Applicable |
| Rotherham Metropolitan Borough Council - Environmental Health Department | May 2000 | Not Applicable |
| Wakefield City Metropolitan District Council - Environmental Health | May 2000 | Not Applicable |
| **Local Authority Recorded Landfill Sites** | | |
| Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards | May 2000 | Not Applicable |
| Doncaster Metropolitan Borough Council - Environmental Services | May 2000 | Not Applicable |
| Rotherham Metropolitan Borough Council - Environmental Health Department | May 2000 | Not Applicable |
| Wakefield City Metropolitan District Council - Environmental Health | May 2000 | Not Applicable |
| **Registered Landfill Sites** | | |
| Environment Agency - North East Region - Ridings Area | March 2003 | Not Applicable |
| **Registered Waste Transfer Sites** | | |
| Environment Agency - North East Region - Ridings Area | March 2003 | Not Applicable |
| **Registered Waste Treatment or Disposal Sites** | | |
| Environment Agency - North East Region - Ridings Area | March 2003 | Not Applicable |
| **Hazardous Substances** | **Version** | **Update Cycle** |
| **Control of Major Accident Hazards Sites (COMAH)** | | |
| Health and Safety Executive | August 2014 | Bi-Annually |
| **Explosive Sites** | | |
| Health and Safety Executive | November 2013 | Bi-Annually |
| **Notification of Installations Handling Hazardous Substances (NIHHS)** | | |
| Health and Safety Executive | November 2000 | Not Applicable |
| **Planning Hazardous Substance Enforcements** | | |
| Doncaster Metropolitan Borough Council | April 2013 | Annual Rolling Update |
| Wakefield City Metropolitan District Council | February 2013 | Annual Rolling Update |
| Rotherham Metropolitan Borough Council | November 2013 | Annual Rolling Update |
| Barnsley Metropolitan Borough Council - Planning Department | October 2013 | Annual Rolling Update |
| **Planning Hazardous Substance Consents** | | |
| Doncaster Metropolitan Borough Council | April 2013 | Annual Rolling Update |
| Wakefield City Metropolitan District Council | February 2013 | Annual Rolling Update |
| Rotherham Metropolitan Borough Council | November 2013 | Annual Rolling Update |
| Barnsley Metropolitan Borough Council - Planning Department | October 2013 | Annual Rolling Update |

| Geological | Version | Update Cycle |
|---|---|---|
| **BGS 1:625,000 Solid Geology**<br>British Geological Survey - National Geoscience Information Service | August 1996 | Not Applicable |
| **BGS Estimated Soil Chemistry**<br>British Geological Survey - National Geoscience Information Service | January 2010 | Annually |
| **BGS Recorded Mineral Sites**<br>British Geological Survey - National Geoscience Information Service | April 2014 | Bi-Annually |
| **Brine Compensation Area**<br>Cheshire Brine Subsidence Compensation Board | August 2011 | Not Applicable |
| **Coal Mining Affected Areas**<br>The Coal Authority - Mining Report Service | December 2013 | As notified |
| **Mining Instability**<br>Ove Arup & Partners | October 2000 | Not Applicable |
| **Non Coal Mining Areas of Great Britain**<br>British Geological Survey - National Geoscience Information Service | July 2014 | Not Applicable |
| **Potential for Collapsible Ground Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | June 2014 | Annually |
| **Potential for Compressible Ground Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | June 2014 | Annually |
| **Potential for Ground Dissolution Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | June 2014 | Annually |
| **Potential for Landslide Ground Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | June 2014 | Annually |
| **Potential for Running Sand Ground Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | June 2014 | Annually |
| **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | June 2014 | Annually |
| **Radon Potential - Radon Affected Areas**<br>British Geological Survey - National Geoscience Information Service | July 2011 | Annually |
| **Radon Potential - Radon Protection Measures**<br>British Geological Survey - National Geoscience Information Service | July 2011 | Annually |
| **Industrial Land Use** | **Version** | **Update Cycle** |
| **Contemporary Trade Directory Entries**<br>Thomson Directories | August 2014 | Quarterly |
| **Fuel Station Entries**<br>Catalist Ltd - Experian | August 2014 | Quarterly |

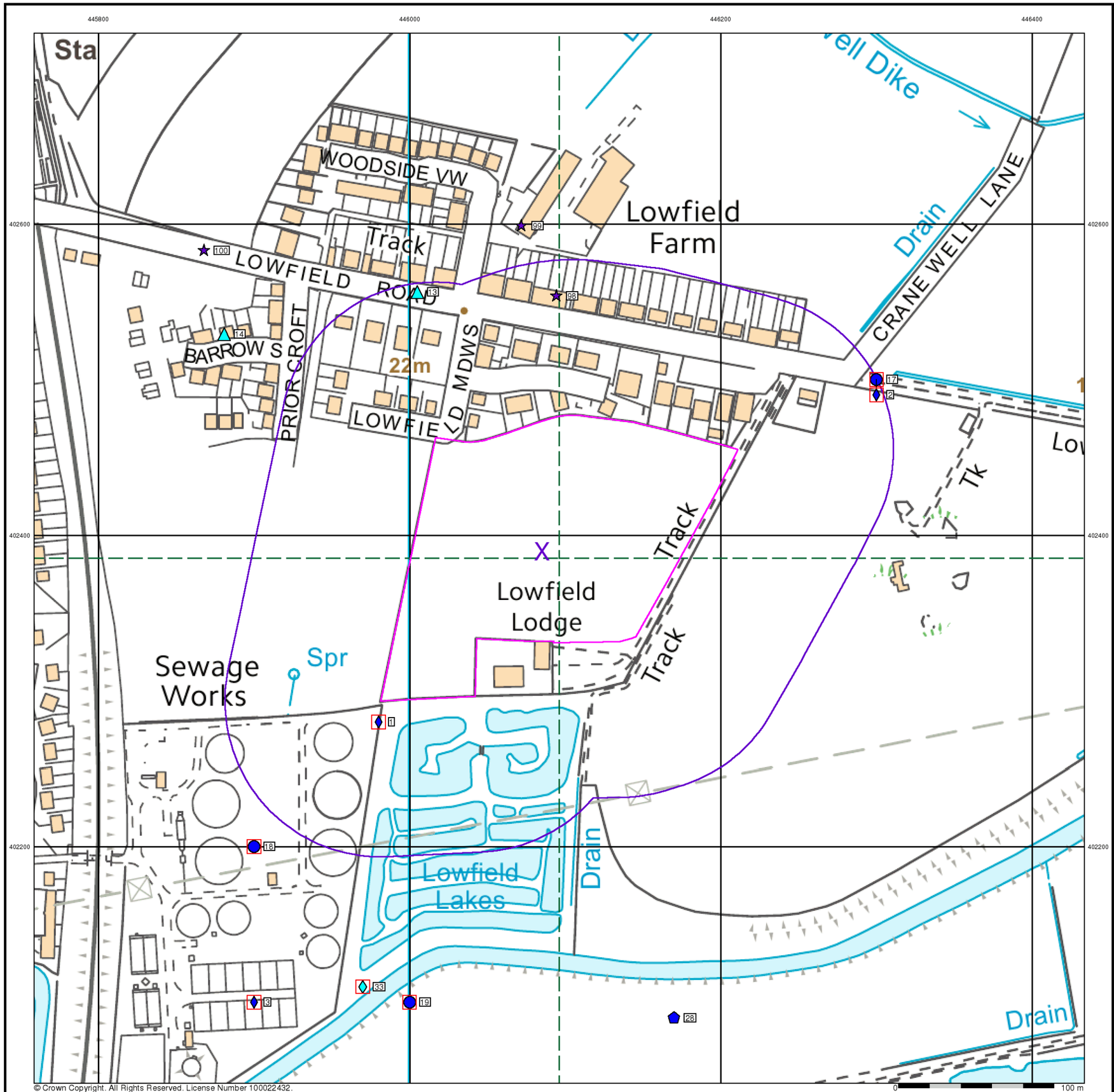
| Sensitive Land Use | Version | Update Cycle |
|---|---|---|
| **Areas of Adopted Green Belt** | | |
| Barnsley Metropolitan Borough Council - Planning Department | August 2014 | As notified |
| Doncaster Metropolitan Borough Council | August 2014 | As notified |
| Rotherham Metropolitan Borough Council | August 2014 | As notified |
| Wakefield City Metropolitan District Council | August 2014 | As notified |
| **Areas of Unadopted Green Belt** | | |
| Barnsley Metropolitan Borough Council - Planning Department | August 2014 | As notified |
| Doncaster Metropolitan Borough Council | August 2014 | As notified |
| Rotherham Metropolitan Borough Council | August 2014 | As notified |
| Wakefield City Metropolitan District Council | August 2014 | As notified |
| **Areas of Outstanding Natural Beauty** | | |
| Natural England | August 2014 | Bi-Annually |
| **Environmentally Sensitive Areas** | | |
| Natural England | August 2014 | Annually |
| **Forest Parks** | | |
| Forestry Commission | April 1997 | Not Applicable |
| **Local Nature Reserves** | | |
| Natural England | March 2014 | Bi-Annually |
| **Marine Nature Reserves** | | |
| Natural England | July 2013 | Bi-Annually |
| **National Nature Reserves** | | |
| Natural England | March 2014 | Bi-Annually |
| **National Parks** | | |
| Natural England | August 2014 | Bi-Annually |
| **Nitrate Sensitive Areas** | | |
| Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) | February 2012 | Not Applicable |
| **Nitrate Vulnerable Zones** | | |
| Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) | July 2014 | Annually |
| **Ramsar Sites** | | |
| Natural England | March 2014 | Bi-Annually |
| **Sites of Special Scientific Interest** | | |
| Natural England | March 2014 | Bi-Annually |
| **Special Areas of Conservation** | | |
| Natural England | March 2014 | Bi-Annually |
| **Special Protection Areas** | | |
| Natural England | March 2014 | Bi-Annually |

A selection of organisations who provide data within this report

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

| Contact | Name and Address | Contact Details |
|---|---|---|
| 2 | **Environment Agency - National Customer Contact Centre (NCCC)**<br>PO Box 544, Templeborough, Rotherham, S60 1BY | Telephone: 08708 506 506<br>Email: enquiries@environment-agency.gov.uk |
| 3 | **Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards**<br>Central Offices, Kendray Street, Barnsley, South Yorkshire, S70 2TN | Telephone: 01226 770770<br>Fax: 01226 772599<br>Website: www.barnsley.gov.uk |
| 4 | **Doncaster Metropolitan Borough Council - Environmental Services**<br>Floor 3, Council House, College Road, Doncaster, South Yorkshire, DN1 1RN | Telephone: 01302 734444<br>Fax: 01302 734949<br>Website: www.doncaster.gov.uk |
| 5 | **British Geological Survey - Enquiry Service**<br>British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG | Telephone: 0115 936 3143<br>Fax: 0115 936 3276<br>Email: enquiries@bgs.ac.uk<br>Website: www.bgs.ac.uk |
| 6 | **Landmark Information Group Limited**<br>Imperium, Imperial Way, Reading, Berkshire, RG2 0TD | Telephone: 0844 844 9952<br>Fax: 0844 844 9951<br>Email: customerservices@landmark.co.uk<br>Website: www.landmarkinfo.co.uk |
| 7 | **The Coal Authority - Mining Report Service**<br>200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG | Telephone: 0845 7626848<br>Email: thecoalauthority@coal.gov.uk |
| 8 | **Barnsley Metropolitan Borough Council - Planning Department**<br>Central Offices, Kendray Street, Barnsley, South Yorkshire, S70 2TN | Telephone: 01226 770770<br>Fax: 01226 772599<br>Website: www.barnsley.gov.uk |
| 9 | **Doncaster Metropolitan Borough Council**<br>Danum House, St Sepulchre Gate, Doncaster, South Yorkshire, DN1 1UB | Telephone: 01302 734854<br>Fax: 01302 734949<br>Website: www.doncaster.gov.uk |
| 10 | **Rotherham Metropolitan Borough Council**<br>Bailey House, Rawmarsh Road, Rotherham, South Yorkshire, S60 1QT | Telephone: 01709 382121<br>Fax: 01709 823810<br>Website: www.rotherham.gov.uk |
| 11 | **Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)**<br>Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire, LS16 5QT | Telephone: 0113 2613333<br>Fax: 0113 230 0879 |
| 12 | **Rotherham Metropolitan Borough Council - Environmental Health Department**<br>Howard Building, College Lane, Rotherham, South Yorkshire, S65 1AX | Website: www.rotherham.gov.uk |
| - | **Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards**<br>Chilton, Didcot, Oxfordshire, OX11 0RQ | Telephone: 01235 822622<br>Fax: 01235 833891<br>Email: radon@phe.gov.uk<br>Website: www.ukradon.org |
| - | **Landmark Information Group Limited**<br>Imperium, Imperial Way, Reading, Berkshire, RG2 0TD | Telephone: 0844 844 9952<br>Fax: 0844 844 9951<br>Email: customerservices@landmarkinfo.co.uk<br>Website: www.landmarkinfo.co.uk |

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




Envirocheck®

## General

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

## Agency and Hydrological

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

## Geological

- BGS Recorded Mineral Site

## Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry

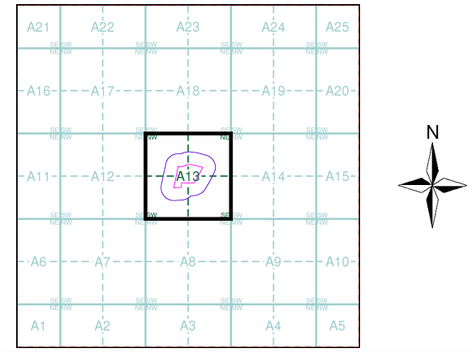
## Waste

- 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
- 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

## Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

## Site Sensitivity Map - Segment A13




## Order Details

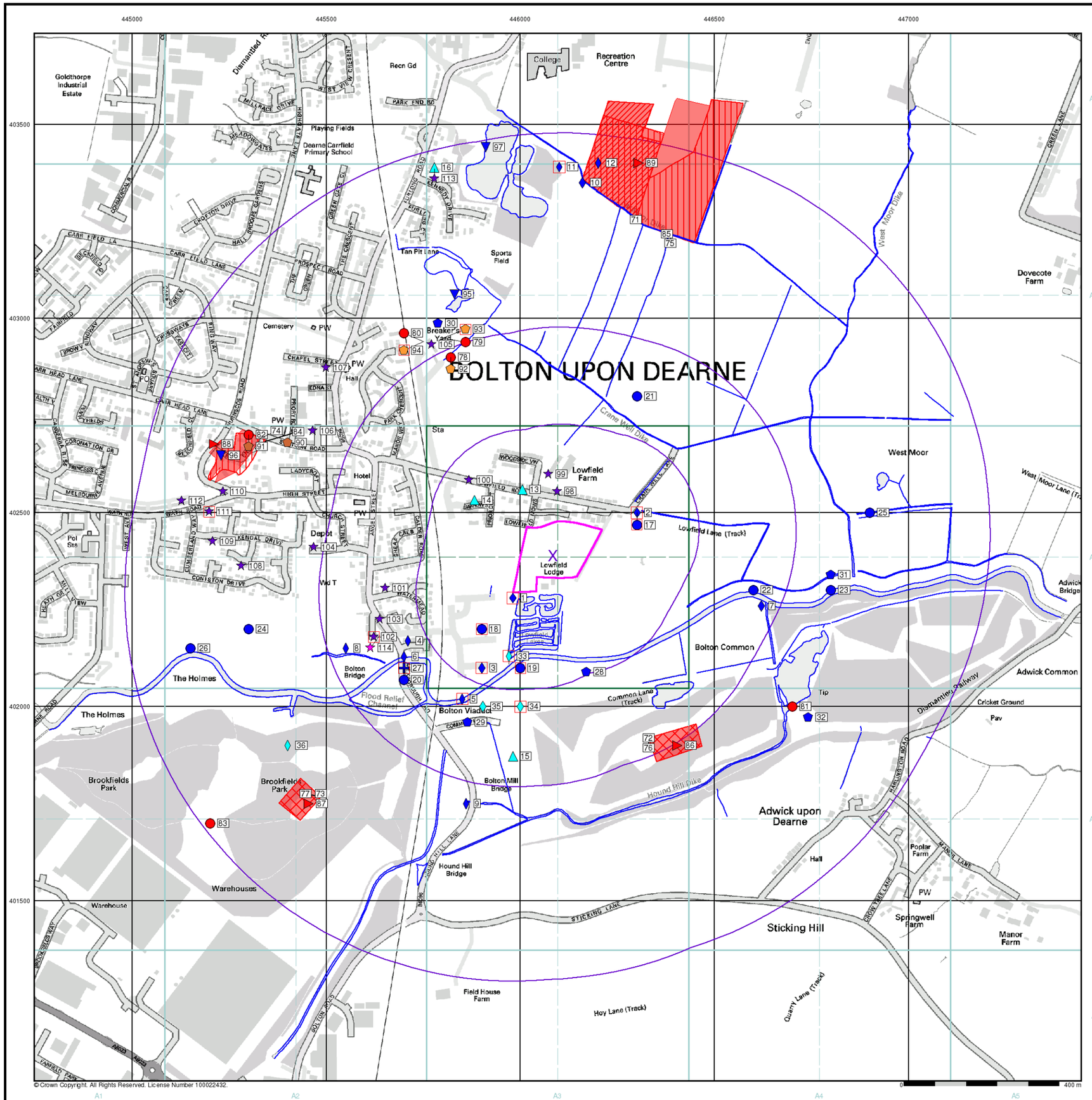
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| Customer Ref: | 37666/PR |
| National Grid Reference: | 446090, 402390 |
| Slice: | A |
| Site Area (Ha): | 2.62 |

## Site Details

Bolton-upon-Dearne, ROTHERHAM, South Yorkshire, S63 8JQ

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# Envirocheck®

## General

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

## Agency and Hydrological

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- Contaminated Land Register Entry or Notice
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- Local Authority Pollution Prevention and Control Enforcement
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- Water Abstraction
- Water Industry Act Referral

## Geological

- BGS Recorded Mineral Site

## Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry

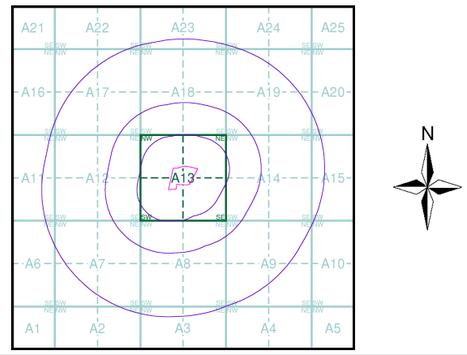
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- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
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- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
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## Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

## Site Sensitivity Map - Slice A




## Order Details

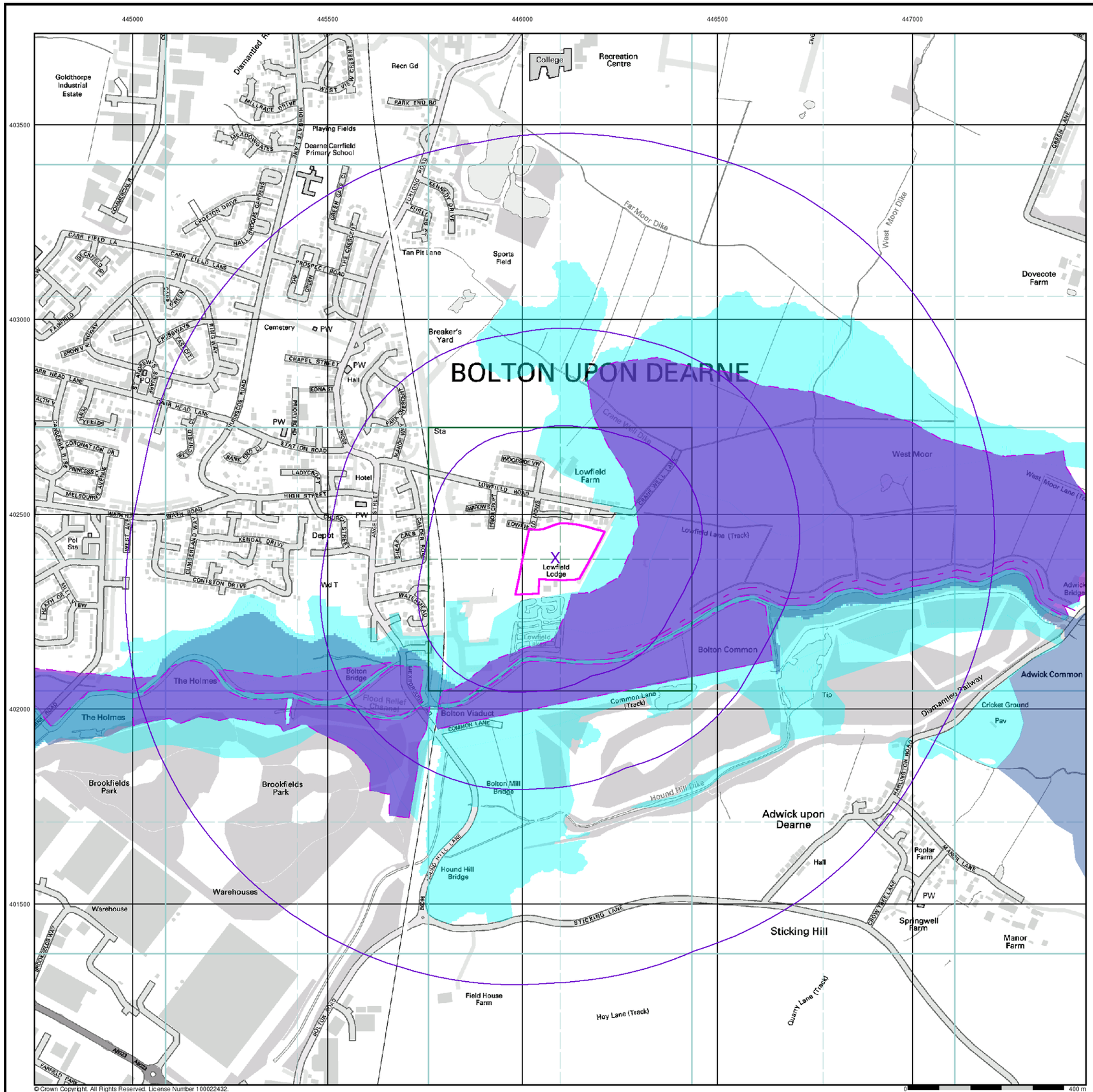
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| Slice: | A |
| Site Area (Ha): | 2.62 |
| Search Buffer (m): | 1000 |

## Site Details

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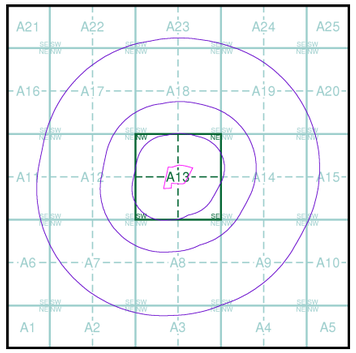
## General

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

## Agency and Hydrological (Flood)

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

## Flood Map - Slice A




## Order Details

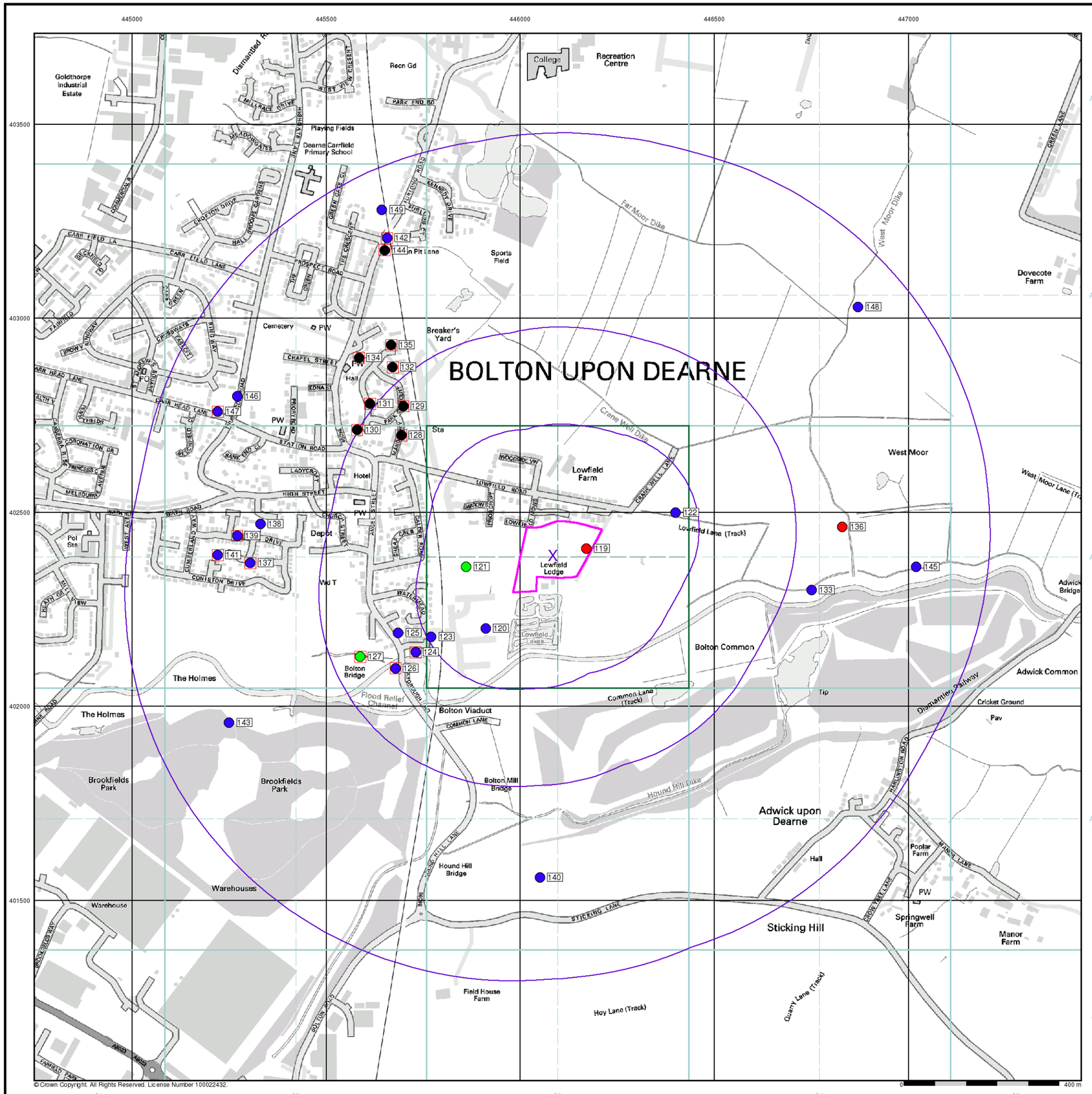
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## General

- Specified Site
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- Map ID
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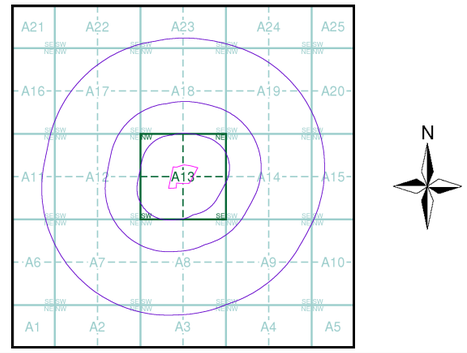
## Agency and Hydrological (Boreholes)

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

For Borehole information please refer to the Borehole datasheet 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

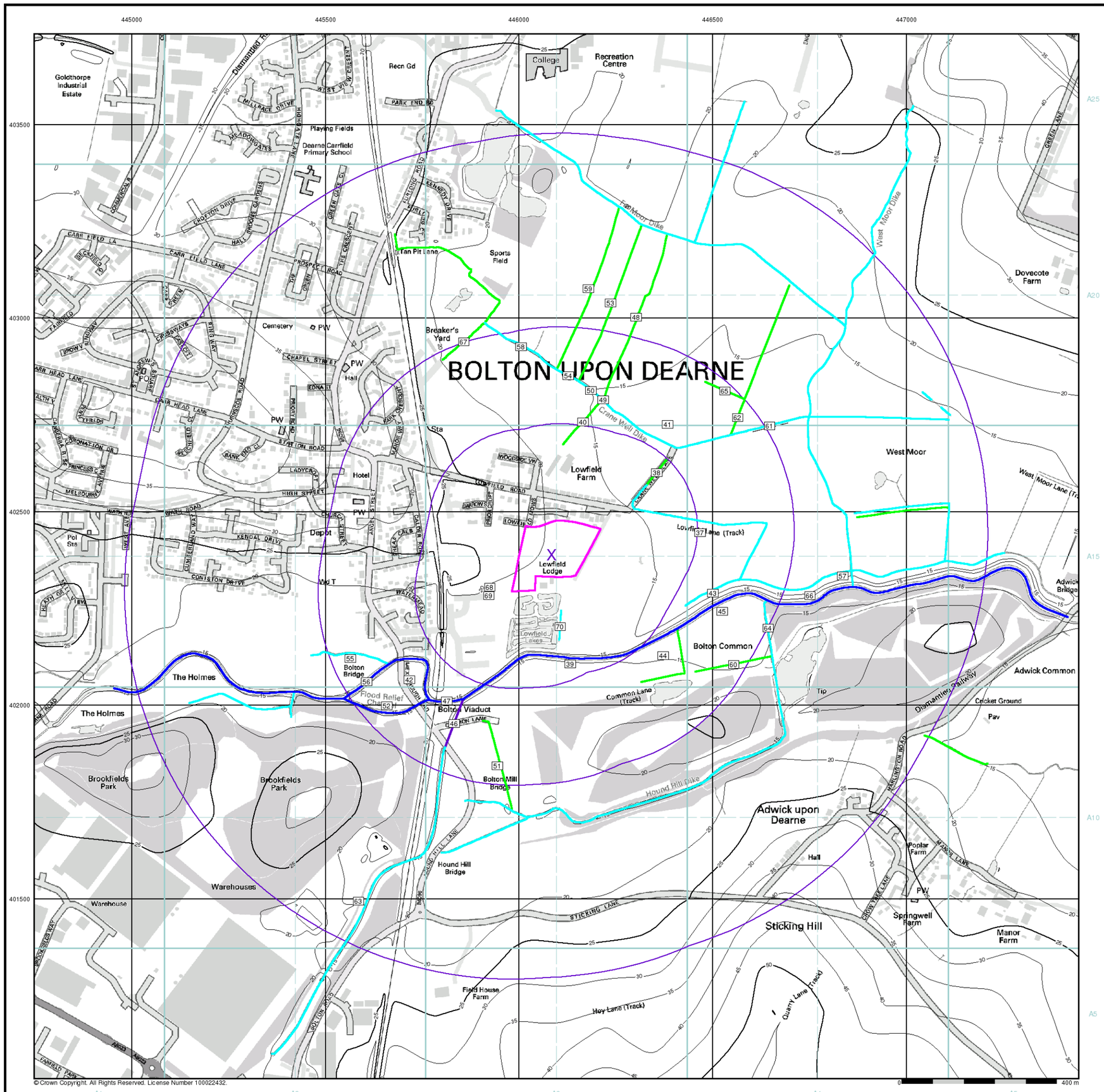



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## Site Details

Bolton-upon-Dearne, ROTHERHAM, South Yorkshire, S63 8JQ




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## General

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

## Detailed River Network Data

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

## Contours (height in metres)

Standard Contour 105 100 95

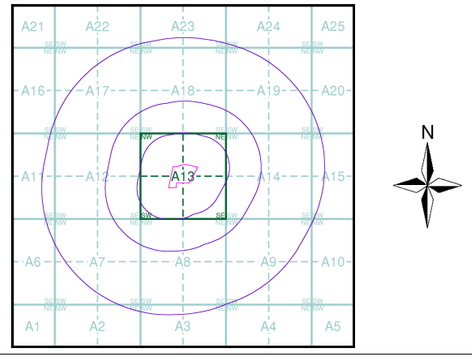
Master Contour

Spot Height *167.3

MLW Mean Low Water

MHW Mean High Water

## EA/NRW Detailed River Network Map - Slice A




## Order Details

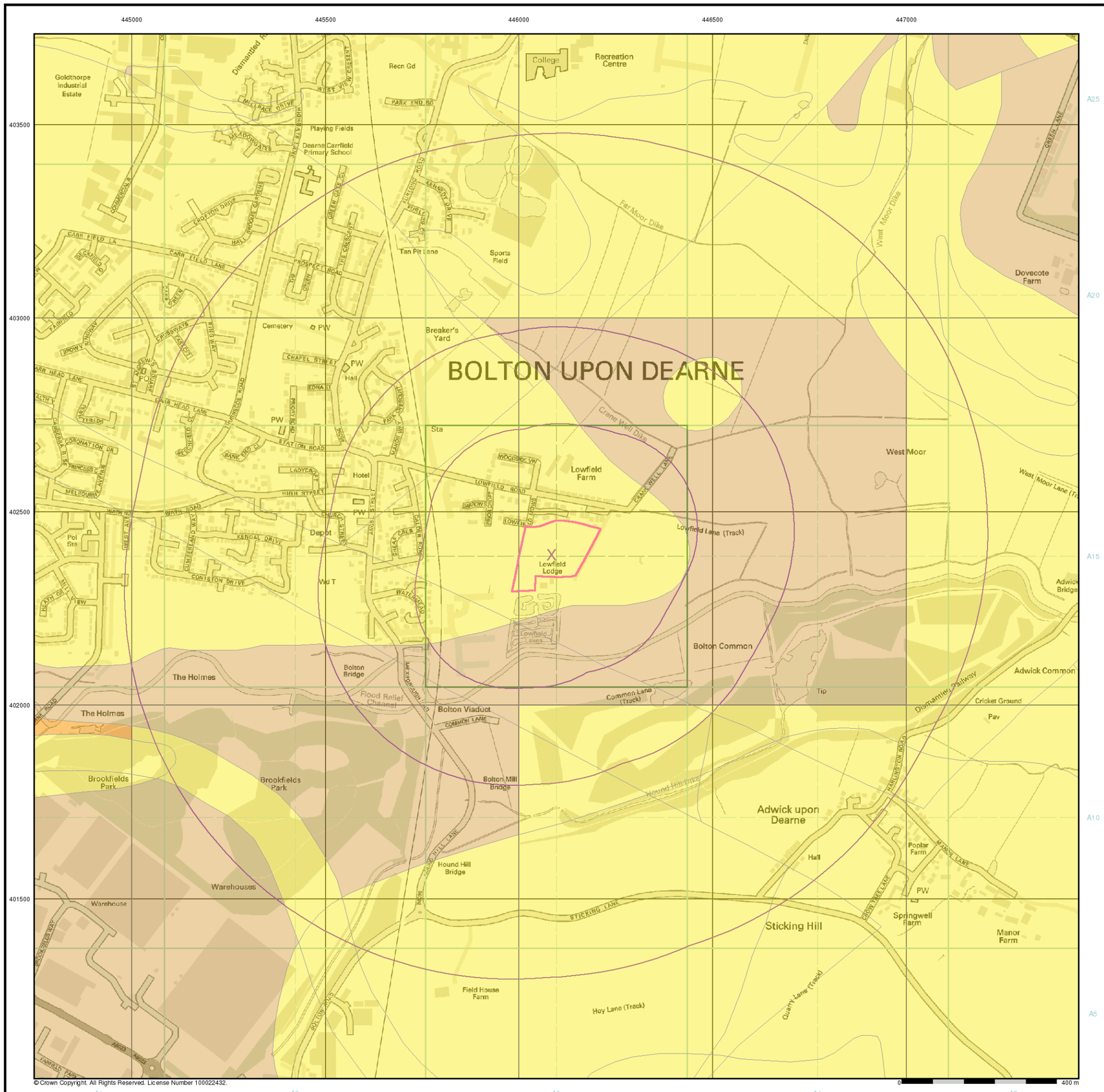
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## General

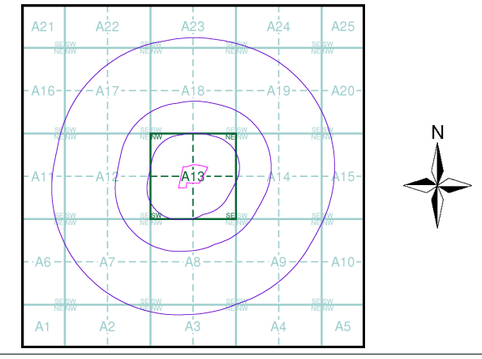
Specified Site | Specified Buffer(s) | X Bearing Reference Point

## Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg

- < 15
- 15 - 25
- 25 - 35
- 35 - 45
- 45 - 60
- 60 - 120
- > 120

## Estimated Soil Chemistry Arsenic - Slice A



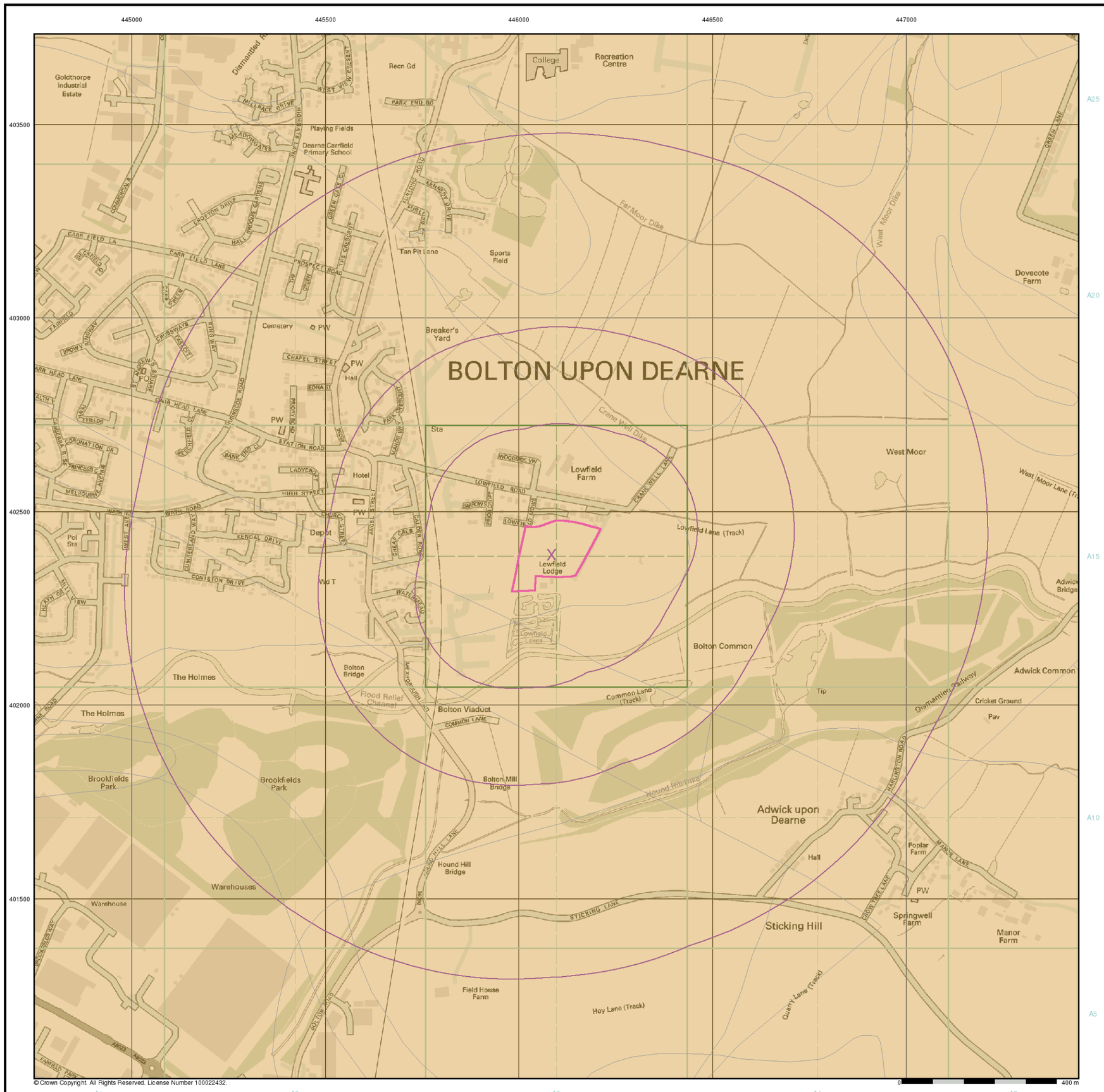

## Order Details

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|---|---|
| Order Details: | 60541545_1_1 |
| Customer Ref: | 37666/PR |
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| Site Area (Ha): | 2.62 |
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## General

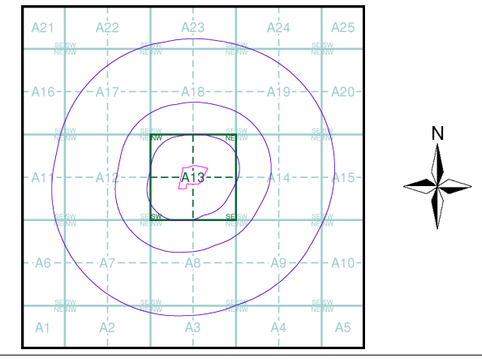
Specified Site | Specified Buffer(s) | X Bearing Reference Point

## Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg

- < 1.8
- 1.8 - 2.2
- 2.2 - 3.0
- > 3.0

## Estimated Soil Chemistry Cadmium - Slice A



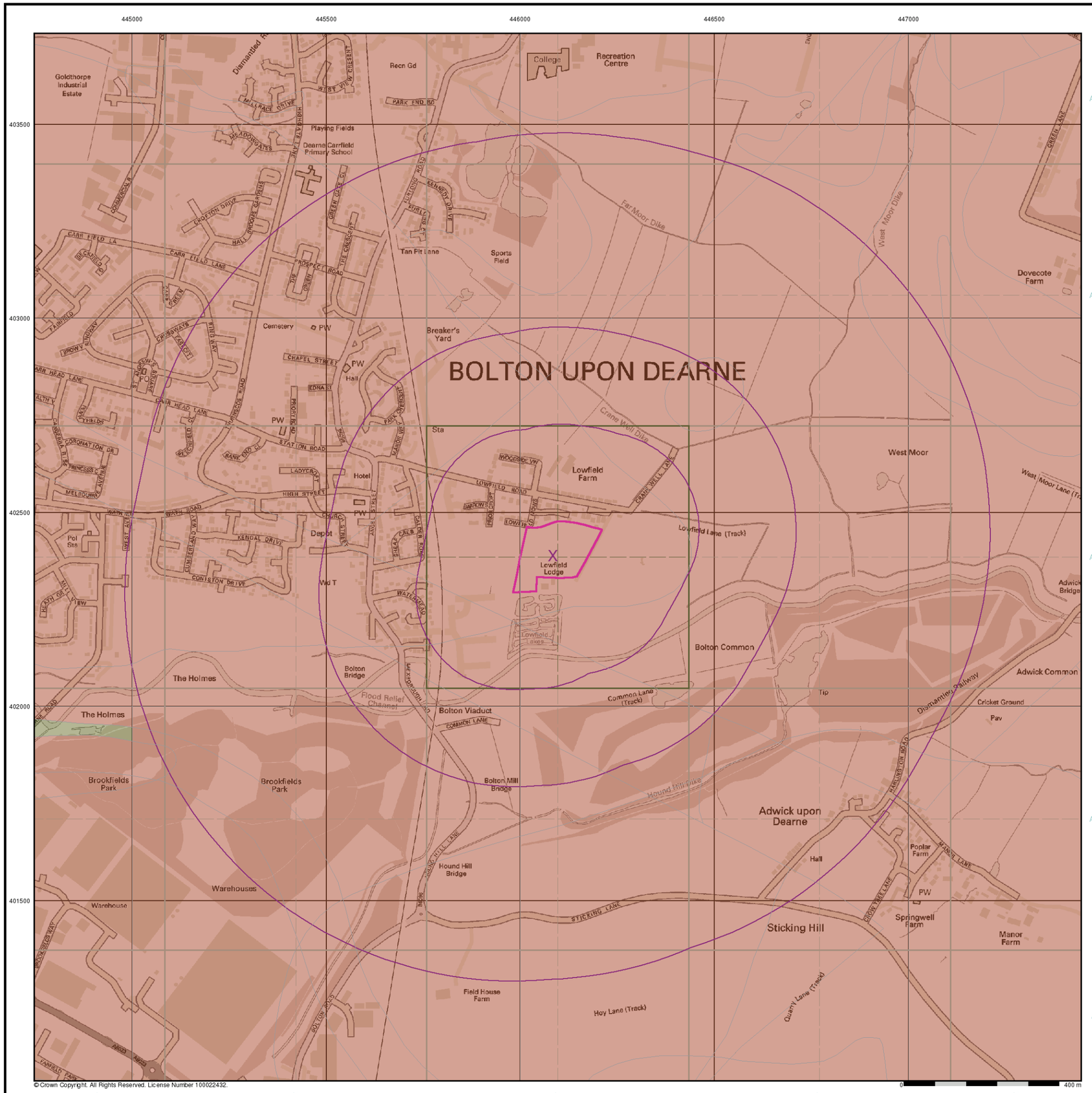

## Order Details

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## General

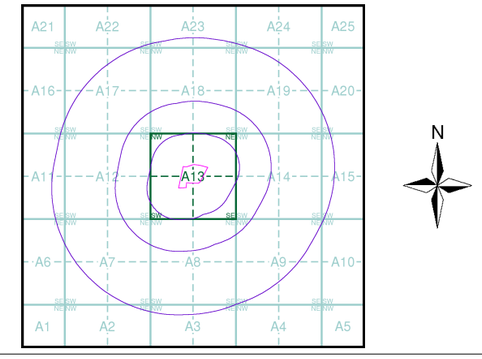
Specified Site | Specified Buffer(s) | X Bearing Reference Point

## Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg

- < 20
- 20 - 40
- 40 - 60
- 60 - 90
- 90 - 120
- 120 - 180
- > 180

## Estimated Soil Chemistry Chromium - Slice A



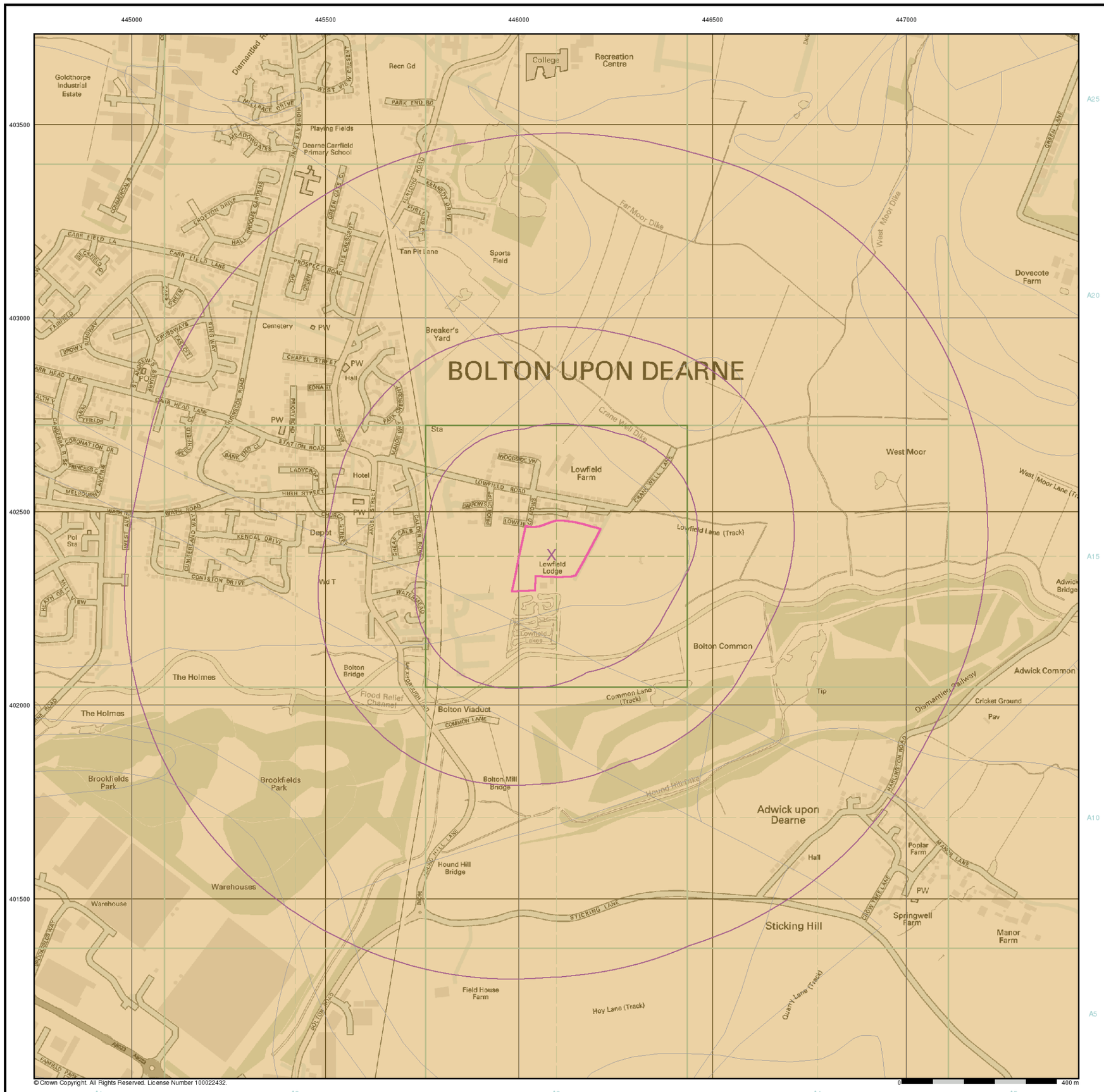

## Order Details

| | |
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| Order Details: | 60541545_1_1 |
| Customer Ref: | 37666/PR |
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| Slice: | A |
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## General

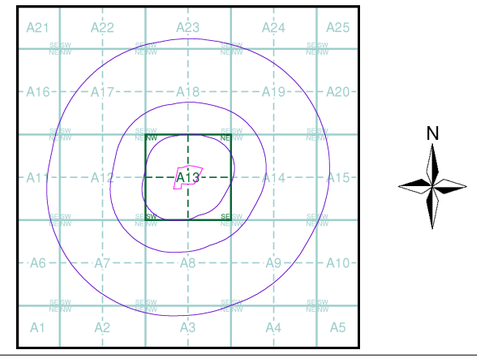
Specified Site | Specified Buffer(s) | X Bearing Reference Point

## Estimated Soil Chemistry Lead

Lead Concentrations mg/kg

- < 150
- 150 - 300
- 300 - 600
- 600 - 900
- > 900

## Estimated Soil Chemistry Lead - Slice A



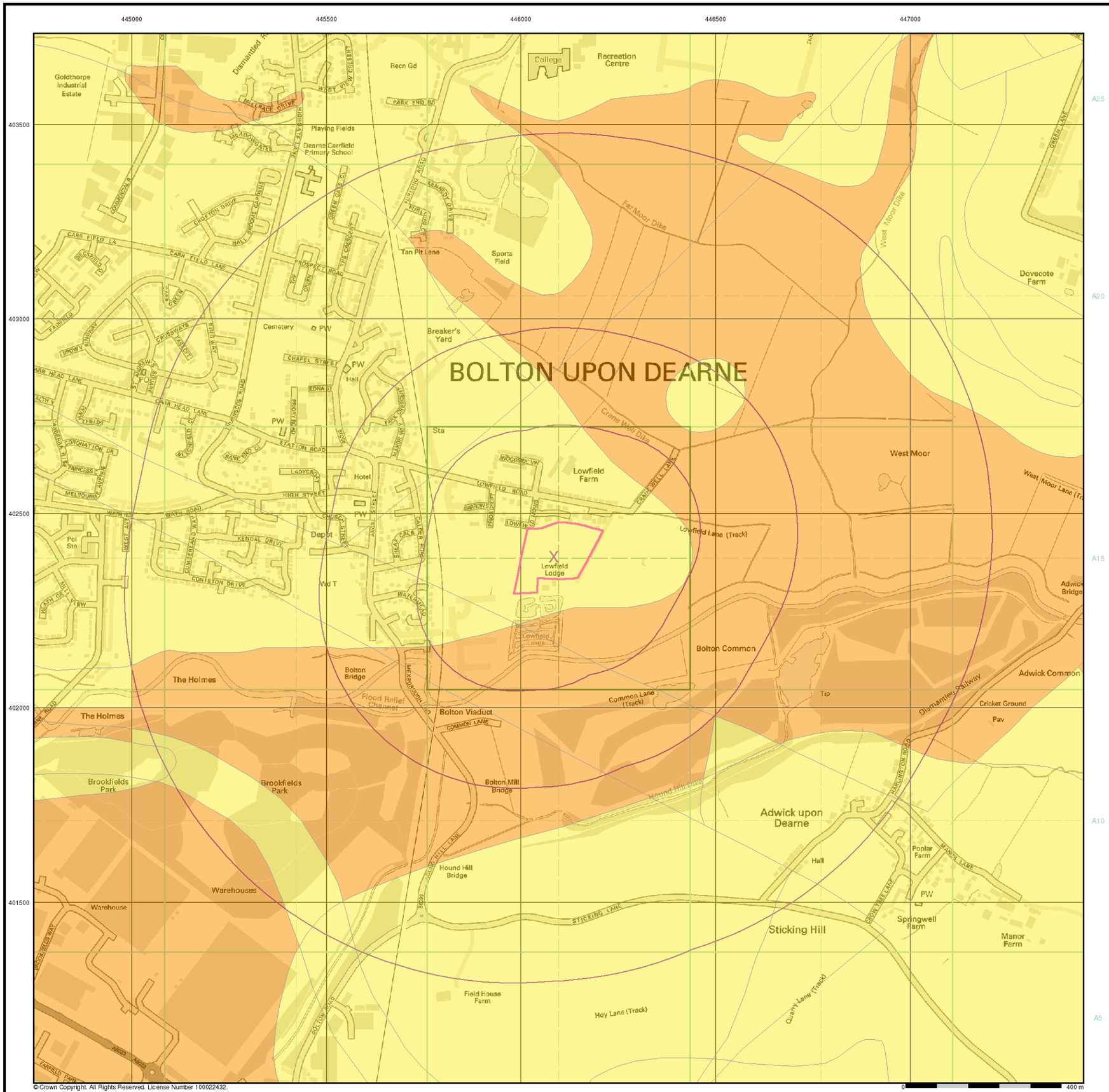

## Order Details

| | |
|---|---|
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| Customer Ref: | 37666/PR |
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## General

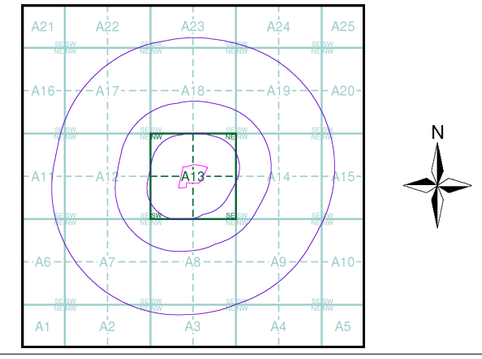
Specified Site | Specified Buffer(s) | X Bearing Reference Point

## Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg

- < 15
- 15 - 30
- 30 - 45
- 45 - 60
- 60 - 80
- 80 - 100
- > 100

## Estimated Soil Chemistry Nickel - Slice A



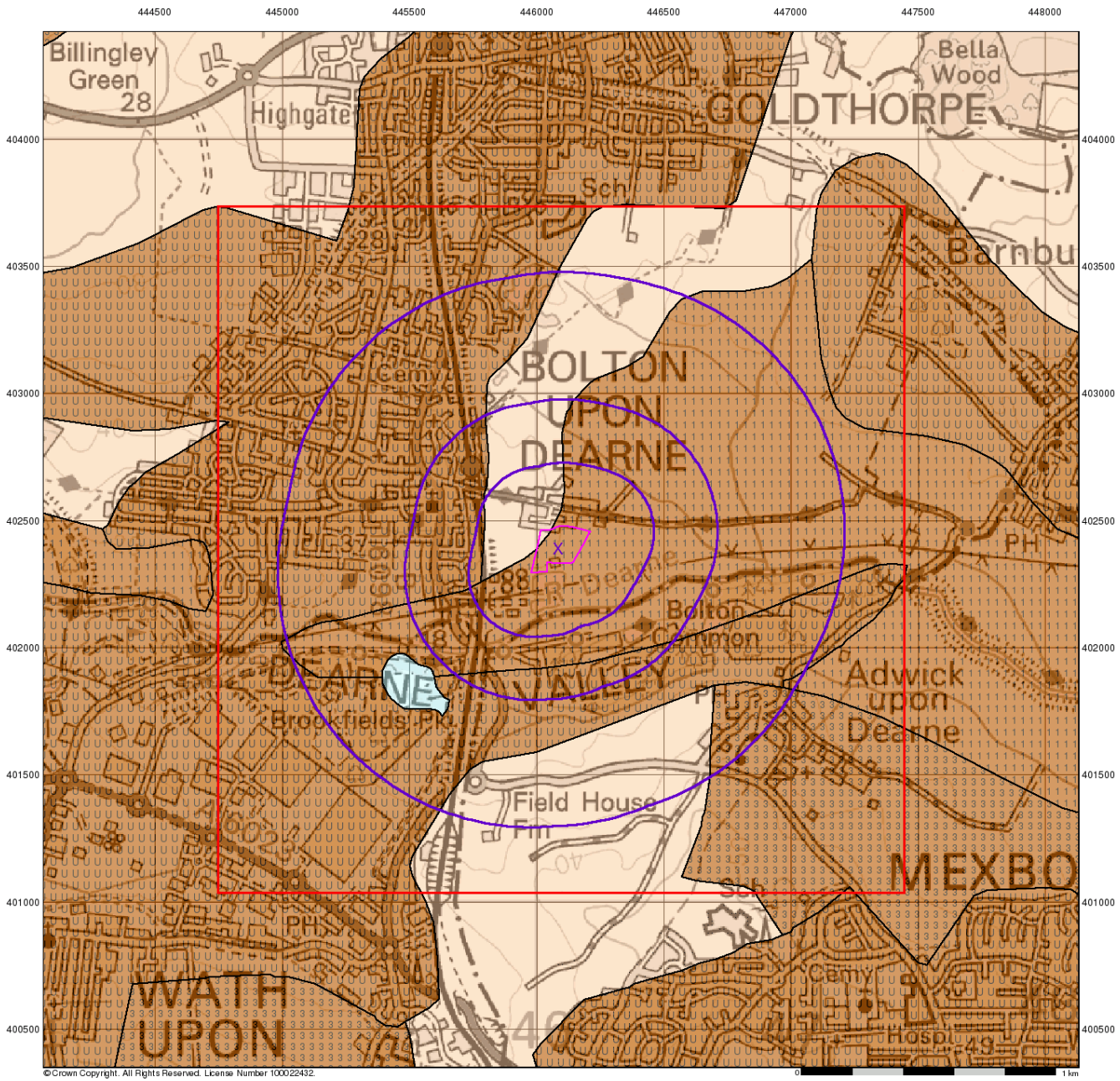

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# Groundwater Vulnerability

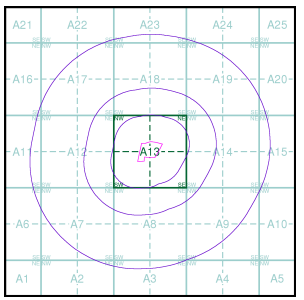
## General

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

## Agency and Hydrological

| Geological Classes | Soil Classes |
|---|---|
| Major Aquifer (Highly Permeable) | High (H) 1, 2, 3, U |
| | Intermediate (I) 1, 2 |
| | Low |
| Minor Aquifer (Variably Permeable) | High (H) 1, 2, 3, U |
| | Intermediate (I) 1, 2 |
| | Low |
| Non Aquifer (Negligibly Permeable) | |
| Water or Sea | |
| Drift Deposit | |

## Site Sensitivity Context Map - Slice A



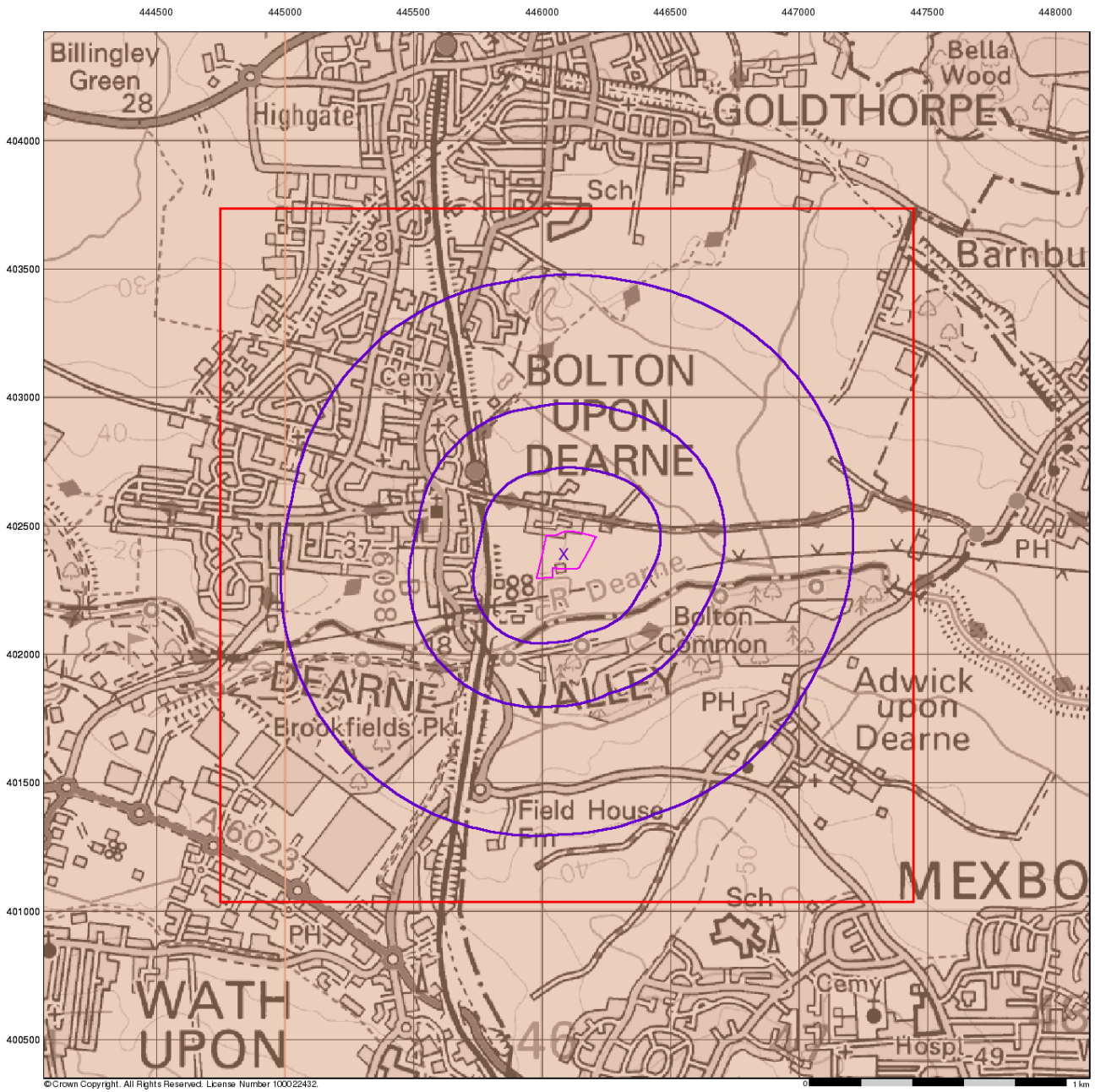

## Order Details

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## Bedrock Aquifer Designation

### General

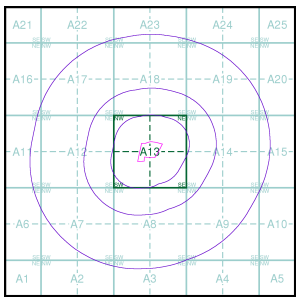
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

### Agency and Hydrological

**Geological Classes**

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown

### Site Sensitivity Context Map - Slice A




### Order Details

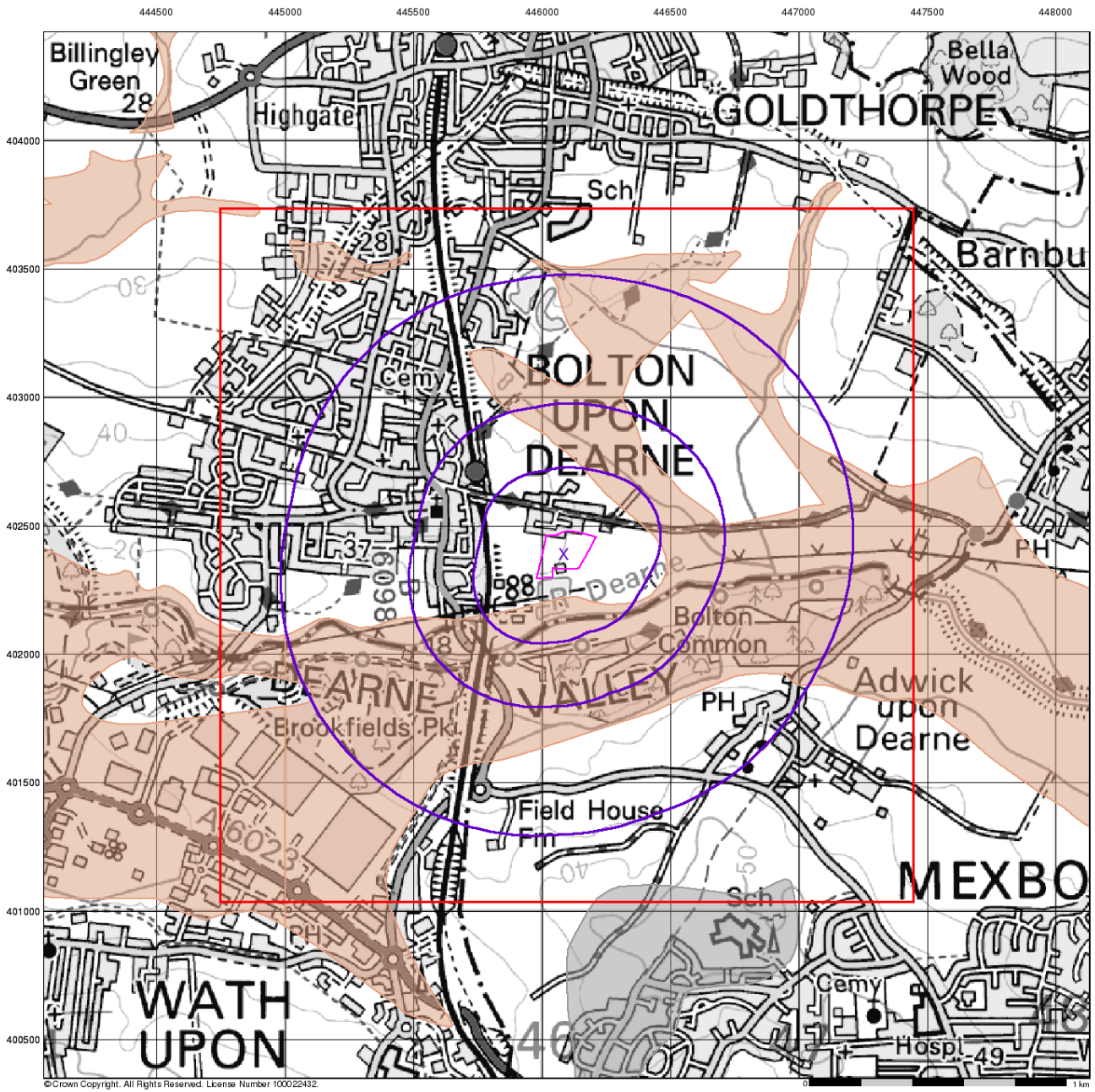
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## Superficial Aquifer Designation

### General

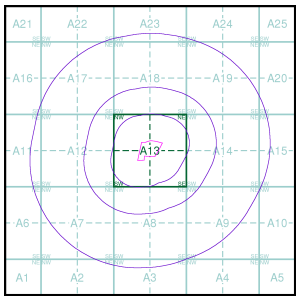
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

### Agency and Hydrological

**Geological Classes**

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown

### Site Sensitivity Context Map - Slice A



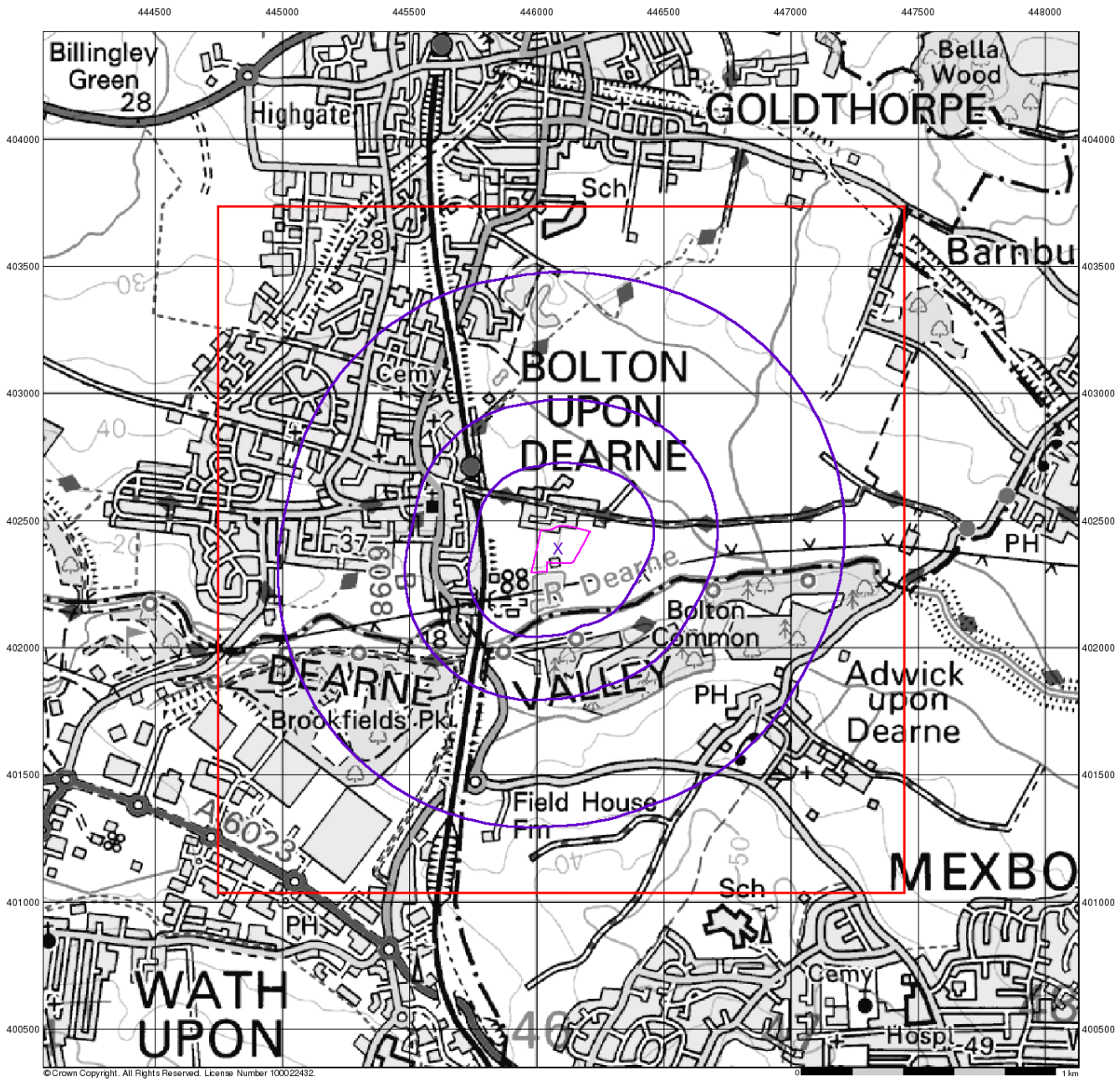

### Order Details

| | |
|---|---|
| Order Number: | 60541545_1_1 |
| Customer Ref: | 37666/PR |
| National Grid Reference: | 446090, 402390 |
| Slice: | A |
| Site Area (Ha): | 2.62 |
| Search Buffer (m): | 1000 |

### Site Details

Bolton-upon-Dearne, ROTHERHAM, South Yorkshire, S63 8JQ

Landmark® Information Group
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk




# Envirocheck®

## Source Protection Zones

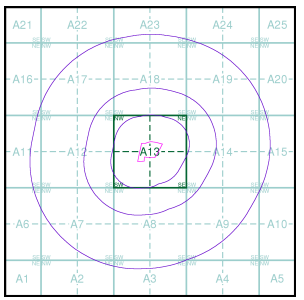
### General

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

### Agency and Hydrological

Source Protection Zone I
Source Protection Zone II
Source Protection Zone III
Zone of Special Interest
Source Protection Zone Borehole

### Site Sensitivity Context Map - Slice A



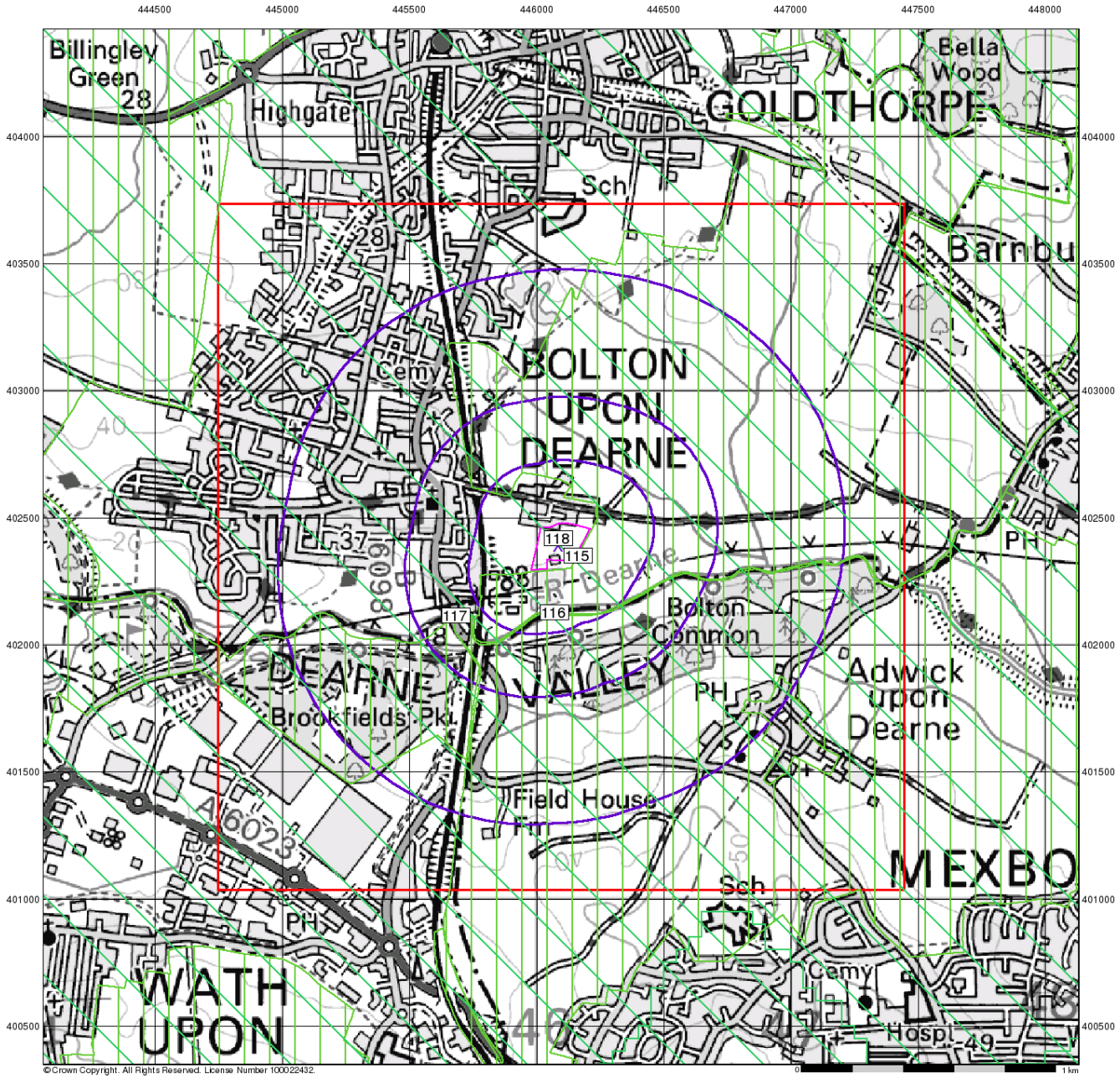

### Order Details

| | |
|---|---|
| Order Number: | 60541545_1_1 |
| Customer Ref: | 37666/PR |
| National Grid Reference: | 446090, 402390 |
| Slice: | A |
| Site Area (Ha): | 2.62 |
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### Site Details

Bolton-upon-Dearne, ROTHERHAM, South Yorkshire, S63 8JQ

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Envirocheck®

## Sensitive Land Uses

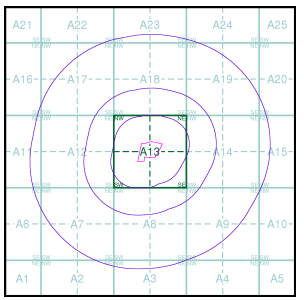
### General

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

### Sensitive Land Uses

- 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

### Site Sensitivity Context Map - Slice A




### Order Details

| | |
|---|---|
| Order Number: | 60541545_1_1 |
| Customer Ref: | 37666/PR |
| National Grid Reference: | 446090, 402390 |
| Slice: | A |
| Site Area (Ha): | 2.62 |
| Search Buffer (m): | 1000 |

### Site Details

Bolton-upon-Dearne, ROTHERHAM, South Yorkshire, S63 8JQ

Landmark® Information Group
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

# Envirocheck® Report:

# BGS Boreholes Datasheet

## Order Details:

**Order Number:**
60541545_1_1

**Customer Reference:**
37666/PR

**National Grid Reference:**
446090, 402390

**Slice:**
A

**Site Area (Ha):**
2.62

**Borehole Search Buffer (m):**
1000

## Site Details:

Bolton-upon-Dearne
ROTHERHAM
South Yorkshire
S63 8JQ

## Client Details:

Miss K Daddo-Langlois
Eastwood & Partners Ltd
St Andrews House
23 Kingfield Road
Sheffield
S11 9AS

# BGS Boreholes Summary

| Data Type | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m |
|---|---|---|---|---|---|
| BGS Boreholes | pg 1 | 1 | 4 | 17 | 40 |

**Introduction**

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

In the attached datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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

**Report Version v49.0**

# BGS Boreholes Detail

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 119 | **BGS Boreholes**<br>BGS Reference: Se40se64<br>Drilled Length (m): 291.39<br>Borehole Name: Bolton Drainside Bh<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/105918/ | A13NE (E) | 0 | 5 | 446170 402407 |
| 120 | **BGS Boreholes**<br>BGS Reference: Se40se8<br>Drilled Length (m): 7.62<br>Borehole Name: Bolton On Dearne Sewage Works<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/105840/ | A13SW (SW) | 117 | 5 | 445910 402201 |
| 121 | **BGS Boreholes**<br>BGS Reference: Se40se216<br>Drilled Length (m): 17<br>Borehole Name: Barnsley-Doncaster Rd Bh19<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/106082/ | A13SW (W) | 133 | 5 | 445860 402360 |
| 122 | **BGS Boreholes**<br>BGS Reference: Se40se220<br>Drilled Length (m): 5.33<br>Borehole Name: Dearne Valley Highway Bh6<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/106086/ | A13NE (E) | 195 | 5 | 446400 402500 |
| 123 | **BGS Boreholes**<br>BGS Reference: Se40se104<br>Drilled Length (m): 3<br>Borehole Name: St Ann'S Terrace Bolton 4<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/105970/ | A13SW (SW) | 240 | 5 | 445770 402180 |
| 124 | **BGS Boreholes**<br>BGS Reference: Se40se103<br>Drilled Length (m): 3<br>Borehole Name: St Ann'S Terrace Bolton 3<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/105969/ | A13SW (SW) | 276 | 5 | 445760 402130 |
| 124 | **BGS Boreholes**<br>BGS Reference: Se40se105<br>Drilled Length (m): 3<br>Borehole Name: St Ann'S Terrace Bolton 5<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/105971/ | A12SE (SW) | 285 | 5 | 445730 402160 |
| 124 | **BGS Boreholes**<br>BGS Reference: Se40se102<br>Drilled Length (m): 3<br>Borehole Name: St Anns Terrace 2<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/105968/ | A12SE (SW) | 295 | 5 | 445730 402140 |
| 125 | **BGS Boreholes**<br>BGS Reference: Se40se106<br>Drilled Length (m): 3<br>Borehole Name: St Ann'S Terrace Bolton 6<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/105972/ | A12SE (SW) | 300 | 5 | 445700 402190 |
| 126 | **BGS Boreholes**<br>BGS Reference: Se40se101<br>Drilled Length (m): 3<br>Borehole Name: St Ann'S Terrace Bolton 1<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/105967/ | A12SE (SW) | 321 | 5 | 445700 402140 |
| 126 | **BGS Boreholes**<br>BGS Reference: Se40se67/A<br>Drilled Length (m): 4.3<br>Borehole Name: Bolton Bridge Bolton Upon Dearne Bh1<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/105923/ | A12SE (SW) | 361 | 5 | 445678 402099 |
| 127 | **BGS Boreholes**<br>BGS Reference: Se40se67/B<br>Drilled Length (m): 14.9<br>Borehole Name: Bolton Bridge Bolton Upon Dearne Bh2<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/105924/ | A12SE (SW) | 355 | 5 | 445670 402124 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 127 | **BGS Boreholes**<br>BGS Reference: Se40se213<br>Drilled Length (m): 26<br>Borehole Name: Barnsley-Doncaster Rd Bh16<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/106079/ | A12SE (SW) | 367 | 5 | 445640 402160 |
| 128 | **BGS Boreholes**<br>BGS Reference: Se40se292<br>Drilled Length (m): Not Supplied<br>Borehole Name: Land Off Station Road Bolton Upon Dearne Tp 9<br>Link to Borehole Scan: Not Available | A12NE (NW) | 392 | 5 | 445699 402691 |
| 128 | **BGS Boreholes**<br>BGS Reference: Se40se291<br>Drilled Length (m): Not Supplied<br>Borehole Name: Land Off Station Road Bolton Upon Dearne Tp 8<br>Link to Borehole Scan: Not Available | A17SE (NW) | 395 | 5 | 445726 402730 |
| 128 | **BGS Boreholes**<br>BGS Reference: Se40se274<br>Drilled Length (m): Not Supplied<br>Borehole Name: Land Off Station Road Bolton Upon Dearne Tp1<br>Link to Borehole Scan: Not Available | A12NE (NW) | 401 | 5 | 445693 402699 |
| 129 | **BGS Boreholes**<br>BGS Reference: Se40se275<br>Drilled Length (m): Not Supplied<br>Borehole Name: Land Off Station Road Bolton Upon Dearne Tp 2<br>Link to Borehole Scan: Not Available | A17SE (NW) | 446 | 5 | 445698 402774 |
| 129 | **BGS Boreholes**<br>BGS Reference: Se40se276<br>Drilled Length (m): Not Supplied<br>Borehole Name: Land Off Station Road Bolton Upon Dearne Tp 3<br>Link to Borehole Scan: Not Available | A17SE (NW) | 470 | 5 | 445708 402817 |
| 129 | **BGS Boreholes**<br>BGS Reference: Se40se288<br>Drilled Length (m): Not Supplied<br>Borehole Name: Land Off Station Road Bolton Upon Dearne Tp 5<br>Link to Borehole Scan: Not Available | A17SE (NW) | 488 | 5 | 445654 402789 |
| 130 | **BGS Boreholes**<br>BGS Reference: Se40se285<br>Drilled Length (m): Not Supplied<br>Borehole Name: Land Off Station Road Bolton Upon Dearne Tp 2<br>Link to Borehole Scan: Not Available | A17SE (NW) | 485 | 5 | 445610 402727 |
| 130 | **BGS Boreholes**<br>BGS Reference: Se40se283<br>Drilled Length (m): Not Supplied<br>Borehole Name: Land Off Station Road Bolton Upon Dearne Tp 10<br>Link to Borehole Scan: Not Available | A12NE (NW) | 505 | 5 | 445579 402713 |
| 131 | **BGS Boreholes**<br>BGS Reference: Se40se282<br>Drilled Length (m): Not Supplied<br>Borehole Name: Land Off Station Road Bolton Upon Dearne Tp 9<br>Link to Borehole Scan: Not Available | A17SE (NW) | 496 | 5 | 445620 402760 |
| 131 | **BGS Boreholes**<br>BGS Reference: Se40se281<br>Drilled Length (m): Not Supplied<br>Borehole Name: Land Off Station Road Bolton Upon Dearne Tp 8<br>Link to Borehole Scan: Not Available | A17SE (NW) | 498 | 5 | 445633 402780 |
| 131 | **BGS Boreholes**<br>BGS Reference: Se40se287<br>Drilled Length (m): Not Supplied<br>Borehole Name: Land Off Station Road Bolton Upon Dearne Tp 4<br>Link to Borehole Scan: Not Available | A17SE (NW) | 518 | 5 | 445636 402813 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 132 | **BGS Boreholes**<br>BGS Reference: Se40se290<br>Drilled Length (m): Not Supplied<br>Borehole Name: Land Off Station Road Bolton Upon Dearne Tp 7<br>Link to Borehole Scan: Not Available | A17SE (NW) | 517 | 5 | 445696 402868 |
| 132 | **BGS Boreholes**<br>BGS Reference: Se40se280<br>Drilled Length (m): Not Supplied<br>Borehole Name: Land Off Station Road Bolton Upon Dearne Tp 7<br>Link to Borehole Scan: Not Available | A17SE (NW) | 524 | 5 | 445649 402835 |
| 132 | **BGS Boreholes**<br>BGS Reference: Se40se277<br>Drilled Length (m): Not Supplied<br>Borehole Name: Land Off Station Road Bolton Upon Dearne Tp 4<br>Link to Borehole Scan: Not Available | A17SE (NW) | 538 | 5 | 445671 402874 |
| 132 | **BGS Boreholes**<br>BGS Reference: Se40se289<br>Drilled Length (m): Not Supplied<br>Borehole Name: Land Off Station Road Bolton Upon Dearne Tp 6<br>Link to Borehole Scan: Not Available | A17SE (NW) | 568 | 5 | 445657 402902 |
| 133 | **BGS Boreholes**<br>BGS Reference: Se40se199<br>Drilled Length (m): 7.05<br>Borehole Name: Furlong Occs<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/106065/ | A14SW (E) | 562 | 5 | 446750 402300 |
| 134 | **BGS Boreholes**<br>BGS Reference: Se40se286<br>Drilled Length (m): Not Supplied<br>Borehole Name: Land Off Station Road Bolton Upon Dearne Tp 3<br>Link to Borehole Scan: Not Available | A17SE (NW) | 577 | 5 | 445606 402867 |
| 134 | **BGS Boreholes**<br>BGS Reference: Se40se279<br>Drilled Length (m): Not Supplied<br>Borehole Name: Land Off Station Road Bolton Upon Dearne Tp 6<br>Link to Borehole Scan: Not Available | A17SE (NW) | 587 | 5 | 445623 402898 |
| 135 | **BGS Boreholes**<br>BGS Reference: Se40se278<br>Drilled Length (m): Not Supplied<br>Borehole Name: Land Off Station Road Bolton Upon Dearne Tp 5<br>Link to Borehole Scan: Not Available | A17SE (NW) | 585 | 5 | 445667 402931 |
| 135 | **BGS Boreholes**<br>BGS Reference: Se40se284<br>Drilled Length (m): Not Supplied<br>Borehole Name: Land Off Station Road Bolton Upon Dearne Tp 1<br>Link to Borehole Scan: Not Available | A17SE (NW) | 612 | 5 | 445682 402975 |
| 136 | **BGS Boreholes**<br>BGS Reference: Se40se48<br>Drilled Length (m): 79.98<br>Borehole Name: Lowfield Lane Cresacre Drift No.11 Surface Bh<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/105894/ | A14NE (E) | 619 | 5 | 446829 402463 |
| 137 | **BGS Boreholes**<br>BGS Reference: Se40se166<br>Drilled Length (m): 3<br>Borehole Name: Kendal Drive Dearne Tp 7<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/106032/ | A12SW (W) | 665 | 5 | 445320 402360 |
| 137 | **BGS Boreholes**<br>BGS Reference: Se40se169<br>Drilled Length (m): 2<br>Borehole Name: Kendal Drive Dearne Tp 10<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/106035/ | A12NW (W) | 670 | 5 | 445320 402400 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 137 | **BGS Boreholes**<br>BGS Reference: Se40se164<br>Drilled Length (m): 2<br>Borehole Name: Kendal Drive Dearne Tp 5<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/106030/ | A12SW (W) | 686 | 5 | 445300 402370 |
| 137 | **BGS Boreholes**<br>BGS Reference: Se40se163<br>Drilled Length (m): 2<br>Borehole Name: Kendal Drive Dearne Tp 4<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/106029/ | A12SW (W) | 716 | 5 | 445270 402370 |
| 138 | **BGS Boreholes**<br>BGS Reference: Se40se168<br>Drilled Length (m): 3<br>Borehole Name: Kendal Drive Dearne Tp 9<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/106034/ | A12NW (W) | 670 | 5 | 445330 402450 |
| 139 | **BGS Boreholes**<br>BGS Reference: Se40se167<br>Drilled Length (m): 3<br>Borehole Name: Kendal Drive Dearne Tp 8<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/106033/ | A12NW (W) | 686 | 5 | 445310 402430 |
| 139 | **BGS Boreholes**<br>BGS Reference: Se40se165<br>Drilled Length (m): 3<br>Borehole Name: Kendal Drive Dearne Tp 6<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/106031/ | A12NW (W) | 721 | 5 | 445270 402410 |
| 139 | **BGS Boreholes**<br>BGS Reference: Se40se160<br>Drilled Length (m): 1<br>Borehole Name: Kendal Drive Dearne Tp 1<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/106026/ | A12NW (W) | 727 | 5 | 445270 402440 |
| 140 | **BGS Boreholes**<br>BGS Reference: Se40se214<br>Drilled Length (m): 7<br>Borehole Name: Barnsley-Doncaster Rd Bh17<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/106080/ | A8SW (S) | 737 | 5 | 446050 401560 |
| 141 | **BGS Boreholes**<br>BGS Reference: Se40se162<br>Drilled Length (m): 2<br>Borehole Name: Kendal Drive Dearne Tp 3<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/106028/ | A12NW (W) | 738 | 5 | 445250 402390 |
| 141 | **BGS Boreholes**<br>BGS Reference: Se40se161<br>Drilled Length (m): 3<br>Borehole Name: Kendal Drive Dearne Tp 2<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/106027/ | A12NW (W) | 768 | 5 | 445220 402390 |
| 142 | **BGS Boreholes**<br>BGS Reference: Se40se47/E<br>Drilled Length (m): 1.83<br>Borehole Name: Swinton And Knottingley Railway Bores<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/105893/ | A17NE (NW) | 790 | 5 | 445663 403169 |
| 142 | **BGS Boreholes**<br>BGS Reference: Se40se47/D<br>Drilled Length (m): 1.83<br>Borehole Name: Swinton And Knottingley Railway Bores<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/105892/ | A17NE (NW) | 827 | 5 | 445656 403207 |
| 143 | **BGS Boreholes**<br>BGS Reference: Se40se30<br>Drilled Length (m): 4.57<br>Borehole Name: Dearne Valley 2<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/105864/ | A7NW (SW) | 806 | 5 | 445249 401959 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 144 | **BGS Boreholes**<br>BGS Reference: Se40se330<br>Drilled Length (m): Not Supplied<br>Borehole Name: Thurnscoe/Bolton Trunk Sewer 11<br>Link to Borehole Scan: Not Available | A17NE (NW) | 807 | 5 | 445690 403200 |
| 144 | **BGS Boreholes**<br>BGS Reference: Se40se329<br>Drilled Length (m): Not Supplied<br>Borehole Name: Thurnscoe/Bolton Trunk Sewer 10<br>Link to Borehole Scan: Not Available | A17NE (NW) | 824 | 5 | 445650 403200 |
| 145 | **BGS Boreholes**<br>BGS Reference: Se40se200<br>Drilled Length (m): 7.5<br>Borehole Name: Furlong Occs<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/106066/ | A14SE (E) | 815 | 5 | 447020 402360 |
| 146 | **BGS Boreholes**<br>BGS Reference: Se40se178<br>Drilled Length (m): 2.44<br>Borehole Name: Library Bolton On Dearne Tp 4<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/106044/ | A17SW (NW) | 820 | 5 | 445270 402800 |
| 147 | **BGS Boreholes**<br>BGS Reference: Se40se172<br>Drilled Length (m): 2.13<br>Borehole Name: Library Bolton On Dearne 3<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/106038/ | A17SW (NW) | 826 | 5 | 445250 402770 |
| 147 | **BGS Boreholes**<br>BGS Reference: Se40se177<br>Drilled Length (m): 2.13<br>Borehole Name: Library Bolton On Dearne Tp 3<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/106043/ | A17SW (NW) | 832 | 5 | 445240 402760 |
| 147 | **BGS Boreholes**<br>BGS Reference: Se40se173<br>Drilled Length (m): 2.13<br>Borehole Name: Library Bolton On Dearne 4<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/106039/ | A17SW (NW) | 834 | 5 | 445250 402790 |
| 147 | **BGS Boreholes**<br>BGS Reference: Se40se174<br>Drilled Length (m): 1.83<br>Borehole Name: Library Bolton On Dearne 5<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/106040/ | A17SW (NW) | 839 | 5 | 445240 402780 |
| 147 | **BGS Boreholes**<br>BGS Reference: Se40se170<br>Drilled Length (m): 1.83<br>Borehole Name: Library Bolton On Dearne 1<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/106036/ | A17SW (NW) | 851 | 5 | 445220 402760 |
| 147 | **BGS Boreholes**<br>BGS Reference: Se40se171<br>Drilled Length (m): 1.83<br>Borehole Name: Library Bolton On Dearne 2<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/106037/ | A17SW (NW) | 862 | 5 | 445220 402790 |
| 147 | **BGS Boreholes**<br>BGS Reference: Se40se176<br>Drilled Length (m): 1.22<br>Borehole Name: Library Bolton On Dearne Tp 2<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/106042/ | A17SW (NW) | 864 | 5 | 445210 402770 |
| 147 | **BGS Boreholes**<br>BGS Reference: Se40se175<br>Drilled Length (m): 1.83<br>Borehole Name: Library Bolton On Dearne Tp 1<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/106041/ | A17SW (NW) | 866 | 5 | 445220 402800 |

# BGS Boreholes Detail

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 148 | **BGS Boreholes**<br>BGS Reference: Se40se217<br>Drilled Length (m): 8.2<br>Borehole Name: Barnsley-Doncaster Rd Bh20<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/106083/ | A19SE (NE) | 875 | 5 | 446870 403030 |
| 149 | **BGS Boreholes**<br>BGS Reference: Se40se47/C<br>Drilled Length (m): 1.22<br>Borehole Name: Swinton And Knottingley Railway Bores<br>Link to Borehole Scan: http://scans.bgs.ac.uk/sobi_scans/boreholes/105891/ | A17NE (NW) | 899 | 5 | 445643 403280 |

# Data Currency and Contact Details

| BGS Boreholes | Version | Update Cycle |
|---|---|---|
| **BGS Boreholes**<br>British Geological Survey - National Geoscience Information Service | August 2014 | Quarterly |

| Contact Details | Contact Logo |
|---|---|
| 5 **British Geological Survey - Enquiry Service**<br>British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG<br>Telephone: 0115 936 3143<br>Fax: 0115 936 3276<br>Email: enquiries@bgs.ac.uk<br>Website: www.bgs.ac.uk | British Geological Survey<br>NATURAL ENVIRONMENT RESEARCH COUNCIL |
| - **Landmark Information Group Limited**<br>Imperium, Imperial Way, Reading, Berkshire, RG2 0TD<br>Telephone: 0844 844 9952<br>Fax: 0844 844 9951<br>Email: customerservices@landmarkinfo.co.uk<br>Website: www.landmarkinfo.co.uk | LANDMARK Information Group |

**Appendix 3**

Trial Pit Logs TP1 to TP15, SA1 to SA4