

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
527	Points of Interest - Public Infrastructure Name: Sludge Tanks Location: RG2 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	475	10	470807 171078
528	Points of Interest - Public Infrastructure Name: Water Treatment Works Location: RG2 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	540	10	470727 171187
529	Points of Interest - Public Infrastructure Name: Sewage Works Location: RG2 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	653	10	471319 170477
530	Points of Interest - Public Infrastructure Name: Outfall Location: RG2 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A7SE (SW)	733	10	471069 170441
530	Points of Interest - Public Infrastructure Name: Outfall Location: RG2 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A7SE (SW)	736	10	471064 170440
531	Points of Interest - Public Infrastructure Name: Sewage Works Location: RG2 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A7NW (SW)	751	10	470716 170683
532	Points of Interest - Public Infrastructure Name: Refuse Tip Location: RG2 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A7NW (SW)	794	10	470576 170803
532	Points of Interest - Public Infrastructure Name: Recycling Centre Location: Island Road, RG2 Category: Infrastructure and Facilities Class Code: Recycling Centres Positional Accuracy: Positioned to address or location	A7NW (SW)	852	10	470563 170715
533	Points of Interest - Public Infrastructure Name: BP Service Station Location: Rose Kiln Lane, Reading, RG2 0HP Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18NW (N)	841	10	471172 172136
533	Points of Interest - Public Infrastructure Name: M R H Service Station Location: Rose Kiln Lane, Reading, RG2 0HP Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18NW (N)	841	10	471172 172136
533	Points of Interest - Public Infrastructure Name: Malthurst Reading Location: Filling Station, Rose Kiln Lane, Reading, Berkshire, RG2 0H Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18NW (N)	841	10	471172 172136
533	Points of Interest - Public Infrastructure Name: MRH Reading Location: Rose Kiln Lane, Reading, Berkshire, RG2 0HP Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18NW (N)	841	10	471172 172136

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
534	Points of Interest - Public Infrastructure Name: Sludge Tanks Location: RG2 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	846	10	470421 171206
535	Points of Interest - Public Infrastructure Name: Sludge Beds (Disused) Location: RG2 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A7SW (SW)	886	10	470697 170500
535	Points of Interest - Public Infrastructure Name: Filter Beds Location: RG2 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A7SW (SW)	888	10	470685 170509
536	Points of Interest - Public Infrastructure Name: Select Environmental Services Ltd Location: Bennet Road, Reading, RG2 0QX Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A8SE (S)	905	10	471487 170241
536	Points of Interest - Public Infrastructure Name: Select Environmental Services Ltd Location: Bennet Road, Reading, RG2 0QX Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A8SE (S)	905	10	471487 170241
537	Points of Interest - Public Infrastructure Name: Sluice Location: RG2 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A11SE (W)	950	10	470318 171164
537	Points of Interest - Public Infrastructure Name: Sluice Location: RG2 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A11SE (W)	955	10	470313 171163
538	Points of Interest - Public Infrastructure Name: Sewage Pumping Station Location: RG2 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A2NE (S)	990	10	471045 170179
538	Points of Interest - Public Infrastructure Name: Sewage Pumping Location: RG2 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A2NE (S)	996	10	471041 170174
539	Points of Interest - Recreational and Environmental Name: Play Area Location: RG2 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13SW (S)	144	10	471333 170987
540	Points of Interest - Recreational and Environmental Name: Play Area Location: RG2 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8NW (S)	314	10	471404 170826
541	Points of Interest - Recreational and Environmental Name: Long Barn Lane Childrens Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14NW (E)	501	10	472071 171306

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
541	Points of Interest - Recreational and Environmental Name: Childrens Playground Location: Canterbury Road, RG2 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14NW (E)	501	10	472071 171305
542	Points of Interest - Recreational and Environmental Name: Play Area Location: RG2 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	657	10	471307 170473
543	Points of Interest - Recreational and Environmental Name: Play Area Location: RG2 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	768	10	472086 171819
544	Points of Interest - Recreational and Environmental Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	820	10	471438 172120
544	Points of Interest - Recreational and Environmental Name: Play Area Location: Park View, RG2 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	820	10	471438 172120
545	Points of Interest - Recreational and Environmental Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A15NW (E)	909	10	472466 171419
545	Points of Interest - Recreational and Environmental Name: Play Area Location: Bamburgh Close, RG2 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A15NW (E)	911	10	472468 171420
545	Points of Interest - Recreational and Environmental Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A15NW (E)	923	10	472478 171433
545	Points of Interest - Recreational and Environmental Name: Play Area Location: Hexham Road, RG2 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A15NW (E)	925	10	472479 171434
546	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	988	10	472391 171802
546	Points of Interest - Recreational and Environmental Name: Playground Location: Nr Newcastle Road, RG2 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A19SE (NE)	992	10	472398 171799
547	Points of Interest - Recreational and Environmental Name: Play Area Location: RG2 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A23SE (N)	996	10	471701 172243

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
548	Nitrate Vulnerable Zones Name: Foudry Brook (West End Brook To M4) Nvz Description: Surface Water Source: Environment Agency, Head Office	A13SW (SW)	57	4	471260 171100

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Reading Borough Council - Environmental Health Department Wokingham District Council - Environmental Health Department South Oxfordshire District Council - Environmental Health Department Environment Agency - Head Office West Berkshire Council - Environmental Health Department	April 2014 February 2013 January 2015 June 2020 November 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annually Annual Rolling Update
Discharge Consents Environment Agency - Thames Region	July 2020	Quarterly
Enforcement and Prohibition Notices Environment Agency - Thames Region	March 2013	Annual Rolling Update
Integrated Pollution Controls Environment Agency - Thames Region	October 2008	Variable
Integrated Pollution Prevention And Control Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region	July 2020 July 2020	Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control South Oxfordshire District Council - Environmental Health Department Wokingham District Council - Environmental Health Department West Berkshire Council - Environmental Health Department Reading Borough Council - Environmental Health Department	June 2014 June 2014 June 2015 October 2014	Variable Variable Variable Variable
Local Authority Pollution Prevention and Controls South Oxfordshire District Council - Environmental Health Department Wokingham District Council - Environmental Health Department West Berkshire Council - Environmental Health Department Reading Borough Council - Environmental Health Department	June 2014 June 2014 June 2015 October 2014	Annual Rolling Update Not Applicable Not Applicable Not Applicable
Local Authority Pollution Prevention and Control Enforcements South Oxfordshire District Council - Environmental Health Department Wokingham District Council - Environmental Health Department West Berkshire Council - Environmental Health Department Reading Borough Council - Environmental Health Department	June 2014 June 2014 June 2015 October 2014	Variable Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	August 2020	
Pollution Incidents to Controlled Waters Environment Agency - Thames Region	September 1999	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - Thames Region	March 2013	Annual Rolling Update
Prosecutions Relating to Controlled Waters Environment Agency - Thames Region	March 2013	Annual Rolling Update
Registered Radioactive Substances Environment Agency - Thames Region	June 2016	
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 - South East Region - West Thames Area Environment Agency - Thames Region - South East Area Environment Agency - Thames Region - West Area	July 2020 July 2020 July 2020	Quarterly Quarterly Quarterly
Water Abstractions Environment Agency - Thames Region	July 2020	Quarterly

Agency & Hydrological	Version	Update Cycle
Water Industry Act Referrals Environment Agency - Thames Region	October 2017	Quarterly
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Groundwater Vulnerability - Soluble Rock Risk Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	October 2019	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2020	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2020	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	September 2020	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	September 2020	Quarterly
Flood Defences Environment Agency - Head Office	September 2020	Quarterly
OS Water Network Lines Ordnance Survey	June 2020	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water Suitability Environment Agency - Head Office	October 2013	Annually
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	October 2019	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Thames Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region - South East Area Environment Agency - Thames Region - West Area	July 2020 July 2020 July 2020	Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region - South East Area Environment Agency - Thames Region - West Area	July 2020 July 2020 July 2020	Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Oxfordshire County Council Reading Borough Council - Planning South Oxfordshire District Council - Environmental Health Department West Berkshire Council - Environmental Health Department Wokingham District 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 Oxfordshire County Council Reading Borough Council - Planning South Oxfordshire District Council - Environmental Health Department West Berkshire Council - Environmental Health Department Wokingham District Council - Environmental Health Department	May 2000 May 2000 May 2000 May 2000 October 2005	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 - Thames Region - South East Area Environment Agency - Thames Region - West Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - Thames Region - South East Area Environment Agency - Thames Region - West Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - Thames Region - South East Area Environment Agency - Thames Region - West Area	March 2003 March 2003	Not Applicable Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Oxfordshire County Council South Oxfordshire District Council - Planning Department (West) West Berkshire Council Wokingham District Council Reading Borough Council - Planning	February 2016 February 2016 February 2016 February 2016 May 2016	Variable Variable Variable Variable Variable
Planning Hazardous Substance Consents Oxfordshire County Council South Oxfordshire District Council - Planning Department (West) West Berkshire Council Wokingham District Council Reading Borough Council - Planning	February 2016 February 2016 February 2016 February 2016 May 2016	Variable Variable Variable Variable Variable
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	June 2020	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
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	April 2020	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually

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

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	April 2020	Bi-Annually
Areas of Adopted Green Belt Reading Borough Council South Oxfordshire District Council West Berkshire Council Wokingham District Council	June 2020 June 2020 June 2020 June 2020	As notified As notified As notified As notified
Areas of Unadopted Green Belt Reading Borough Council South Oxfordshire District Council West Berkshire Council Wokingham District Council	June 2020 June 2020 June 2020 June 2020	As notified As notified As notified As notified
Areas of Outstanding Natural Beauty Natural England	June 2019	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	April 2020	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	July 2019	Bi-Annually
National Parks Natural England	April 2017	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Environment Agency - Head Office Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2017 October 2015	Bi-Annually
Ramsar Sites Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest Natural England	May 2020	Bi-Annually
Special Areas of Conservation Natural England	July 2020	Bi-Annually
Special Protection Areas Natural England	September 2020	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	
Stantec UK Ltd	

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Reading Borough Council - Environmental Health Department Civic Centre, Reading, Hampshire, RG1 7DT	Telephone: 0118 939 9099 Fax: 0118 958 9770 Website: www.reading.gov.uk
4	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	Reading Borough Council - Planning Civic Centre, READING, Hampshire, RG1 7TD	Telephone: 0118 939 0900 Fax: 0118 958 9770 Website: www.reading.gov.uk
7	Health and Safety Executive 5S.2 Redgrave Court, Merton Road, Bootle, L20 7HS	Website: www.hse.gov.uk
8	Wokingham District Council Council Offices, Shute End, WOKINGHAM, Berkshire, RG4 1WR	Telephone: 0118 974 6000 Fax: 0118 978 5053 Website: www.wokingham.gov.uk
9	Stantec UK Ltd Caversham Bridge House, Waterman Place, Reading, RG1 8DN	Telephone: 0118 950 0761 Email: pba.reading@stantec.com Website: www.stantec.com
10	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
11	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

Index Map

For ease of identification, your site and buffer have been split into Slices, Segments and Quadrants. These are illustrated on the Index Map opposite and explained further below.

Slice

Each slice represents a 1:10,000 plot area (2.7km x 2.7km) for your site and buffer. A large site and buffer may be made up of several slices (represented by a red outline) that are referenced by letters of the alphabet, starting from the bottom left corner of the slice 'grid'. This grid does not relate to National Grid lines but is designed to give best fit over the site and buffer.

Segment

A segment represents a 1:2,500 plot area. Segments that have plot files associated with them are shown in dark green, others in light blue. These are numbered from the bottom left hand corner within each slice.

Quadrant

A quadrant is a quarter of a segment. These are labelled as NW, NE, SW, SE and are referenced in the datasheet to allow features to be quickly located on plots. Therefore a feature that has a quadrant reference of A7NW will be in Slice A, Segment 7 and the NW Quadrant.

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

Client Details

Mr S Clennell-Jones, Delta Simons, 20 Little Britain,
London, London, EC1A 7D

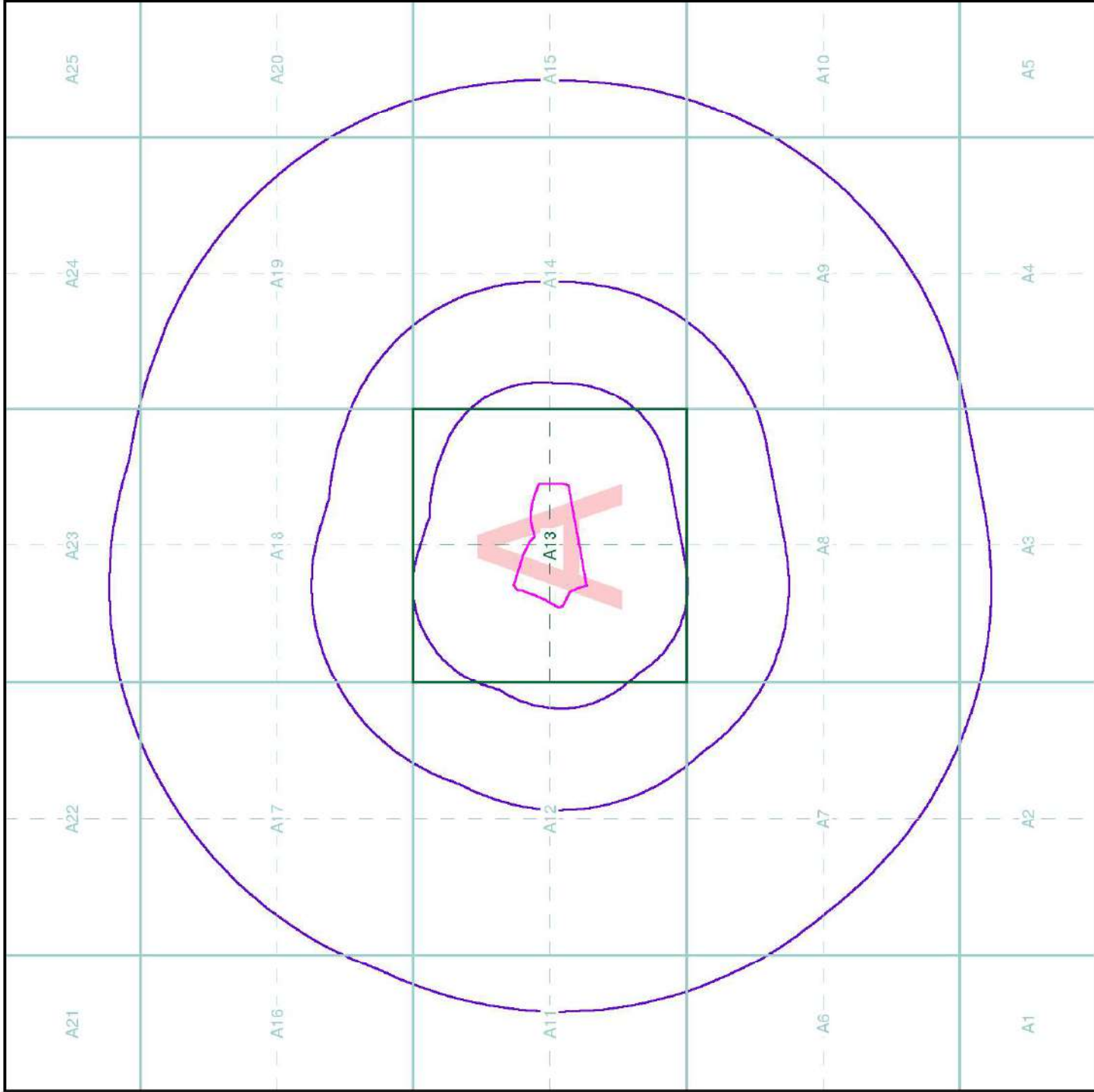
Order Details

Order Number: 261445163_1_1
Customer Ref: 18-0642.02
National Grid Reference: 471410, 171210
Site Area (Ha): 3.53
Search Buffer (m): 1000

Site Details

Brunel Retail Park, Rose Klin Lane, Reading, RG2 0HS

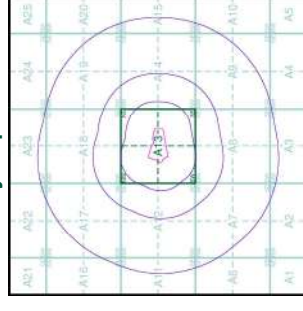
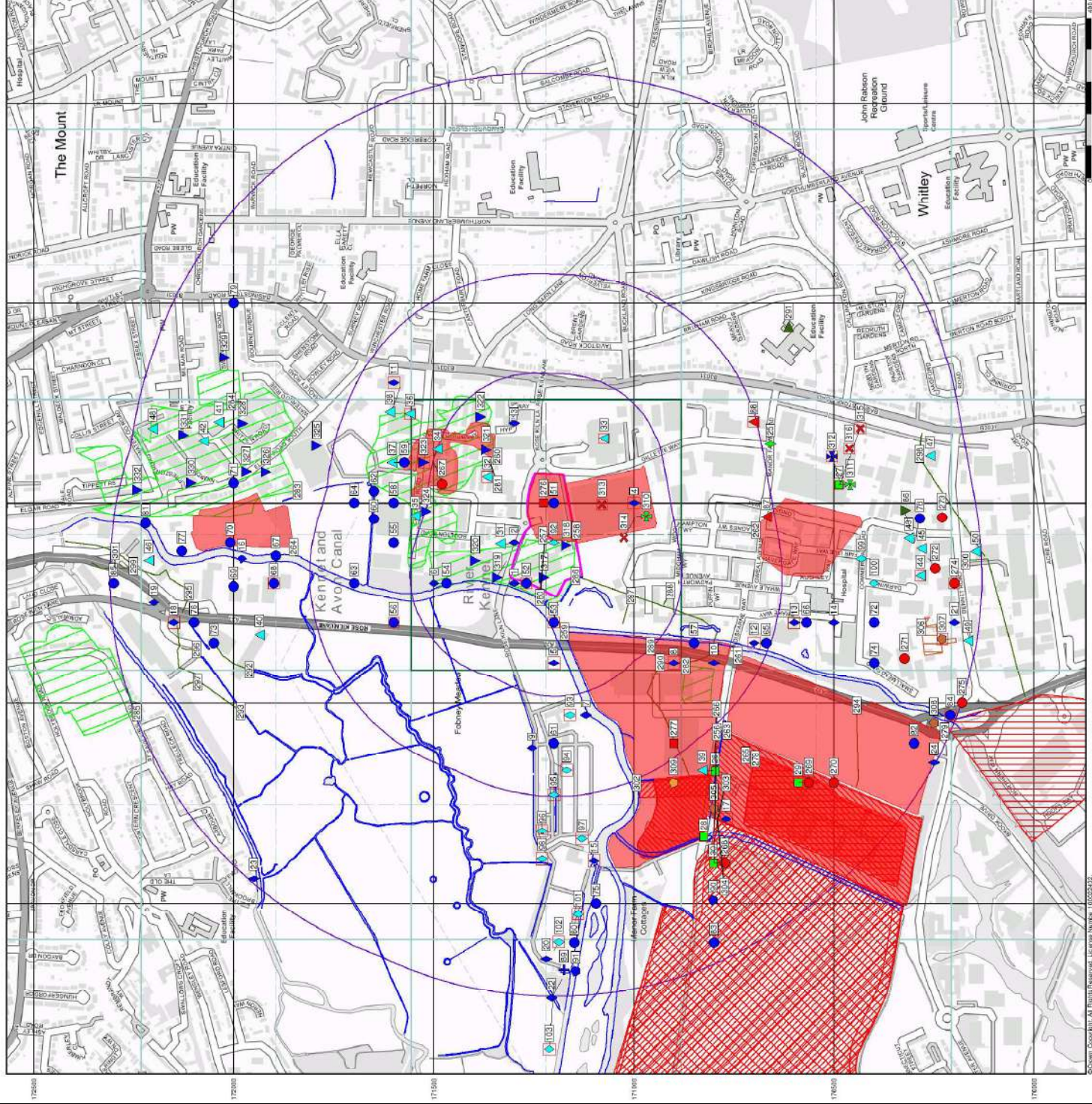
Full Terms and Conditions can be found on the following link:
<http://www.landmarkinfo.co.uk/Terms/Show/515>





Site Details

Site Details
Brunel Retail Park, Rose Kiln Lane, Reading, RG2 0HS



Order Details

Order Number: 261445163_1_1
Customer Ref: 18-0642.02
National Grid Reference: 471420, 171220
Slice: A
Site Area (Ha): 3.53
Search Buffer (m): 1000

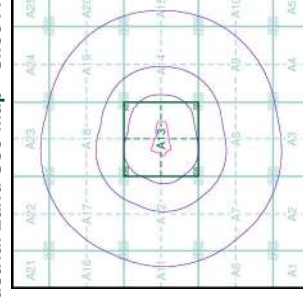
Site Details

Brunel Retail Park, Rose Kiln Lane, Reading, RG2 0HS

Industrial Land Use Map

- General**
- Standard Site
 - Site
 - Specific Buffer(s)
 - Map ID
 - Bearing Reference Point
- Industrial Land Use**
- Contemporary Trade Driveway 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

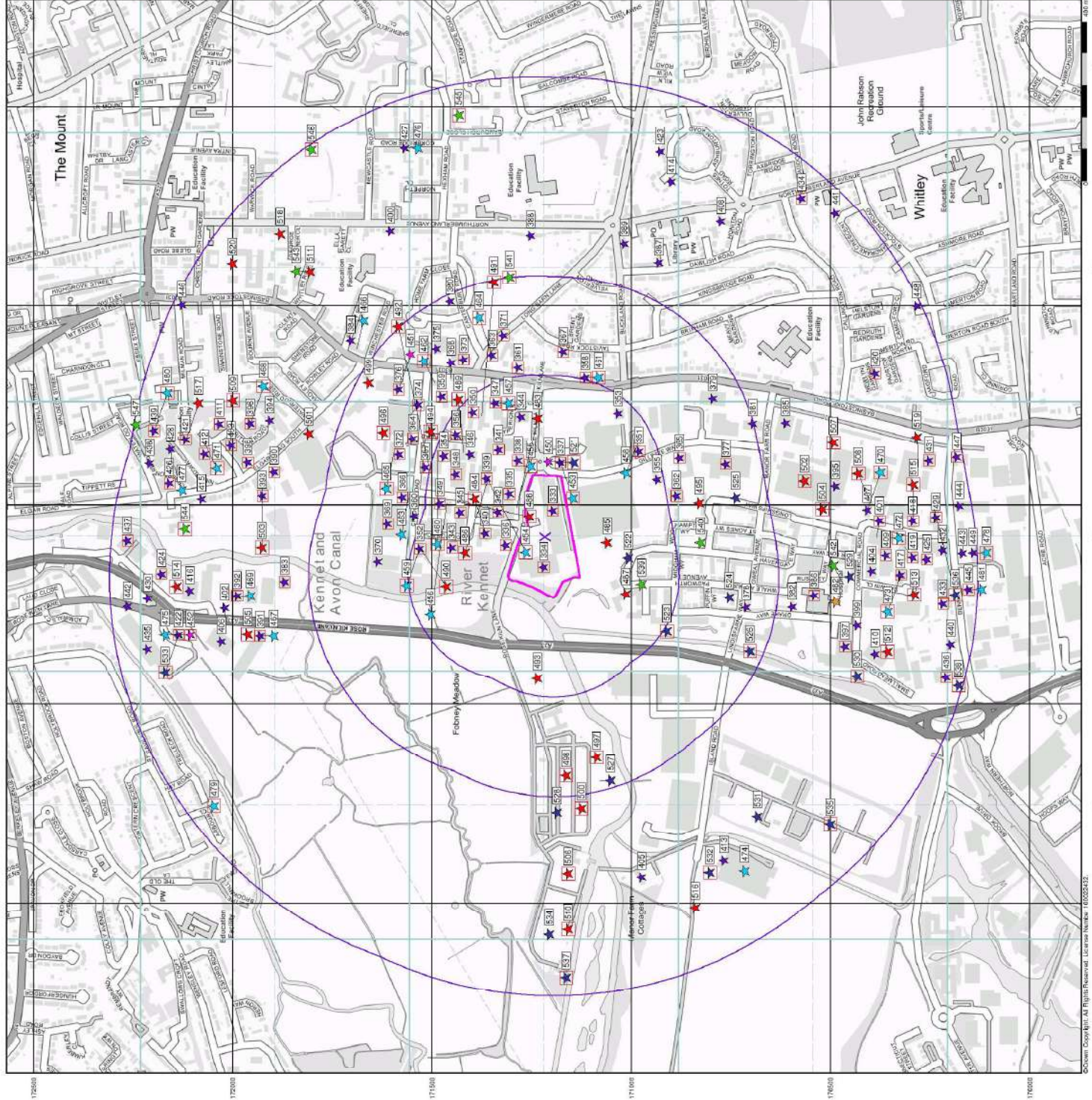


Order Details

Order Number: 261445163_1_1
 Customer Ref: 18-0642.02
 National Grid Reference: 471420, 171220
 Slice: A
 Site Area (Ha): 3.53
 Search Buffer (m): 1000

Site Details

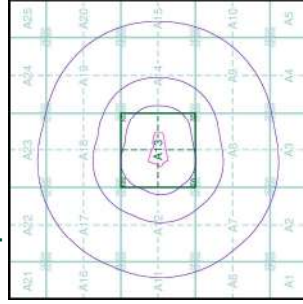
Brunel Retail Park, Rose Klin Lane, Reading, RG2 0HS



General

- Scanned Site
 - Scanned Buffer(s)
 - Scanned 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 Defences
 - Flood Water Storage Areas
 - Flood Defence

Flood Map - Slice A

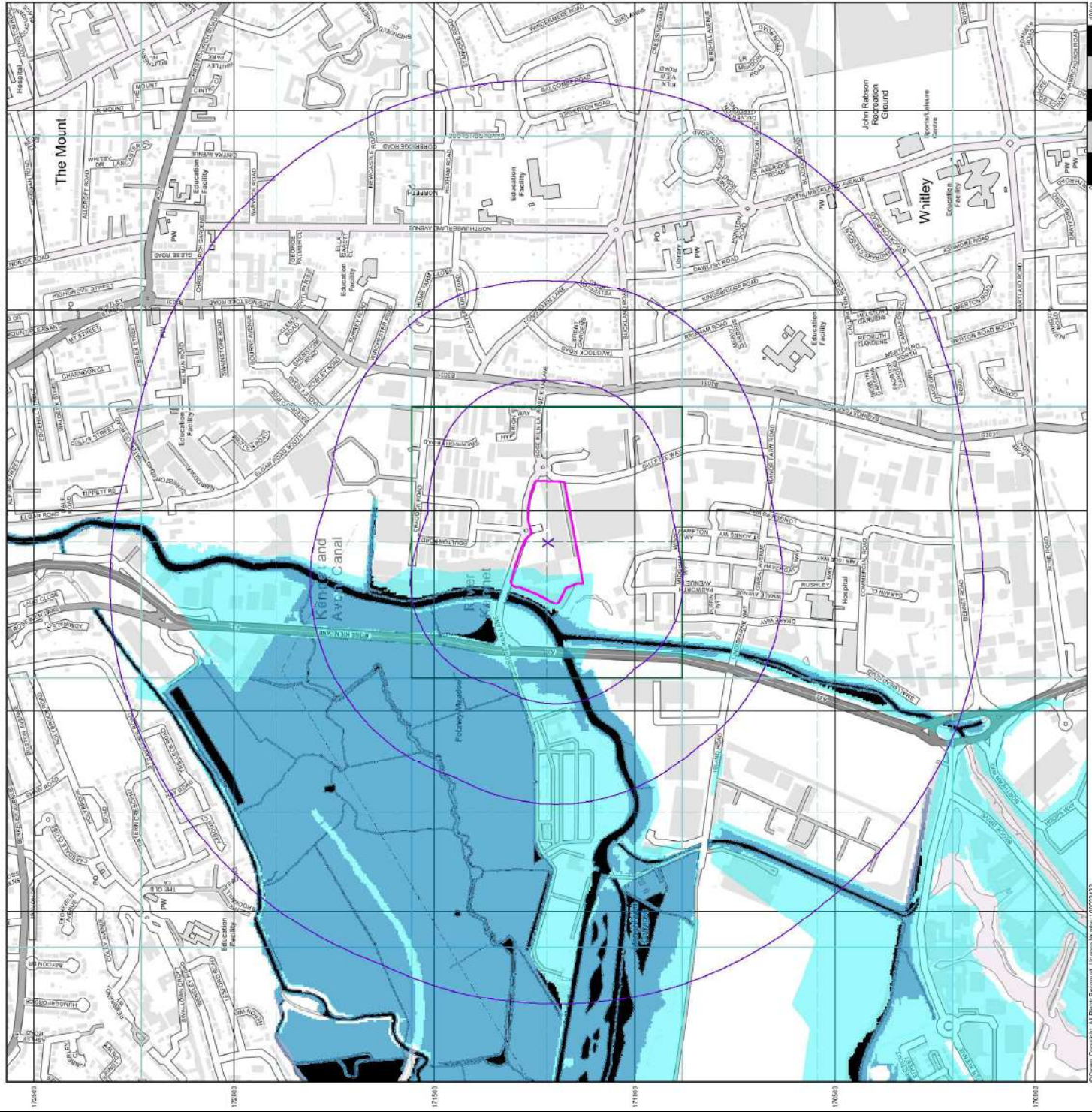


Order Details

Order Number: 261445163_1_1
 Customer Ref: 18-0642.02
 National Grid Reference: 471420, 171220
 Slice: A
 Site Area (Ha): 3.53
 Search Buffer (m): 1000

Site Details

Brunel Retail Park, Rose Kiln Lane, Reading, RG2 0HS



General

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

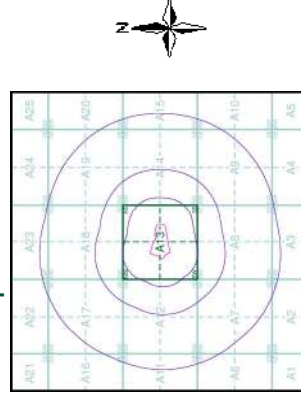
Agency and Hydrological (Boreholes)

- BOS Borehole Depth 0 - 10m
 ● BOS Borehole Depth 10 - 20m
 ● BOS Borehole Depth 30m +
 ● Confidential
 ○ Other

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

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

Borehole Map - Slice A



Order Details

Order Details

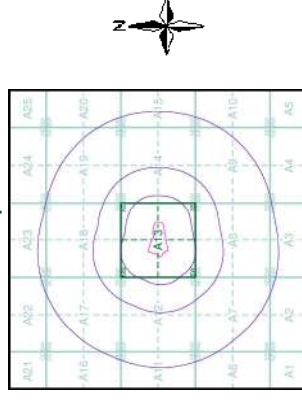
Order Number:	261445163_1_1
Customer Ref:	18-0642.02
National Grid Reference:	471420, 171220
Slice:	A
Site Area (Ha):	3.53
Search Buffer (m):	1000

Site Details

Site Details
Brunel Retail Park, Rose Kiln Lane, Reading, RG2 0HS

- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
- OS Water Network Data**
- Canal
 - Reservoir
 - Foreshore
 - Marsh
 - Tidal River
 - Inland River
 - Drain
 - Other
 - Lake
 - Transfer
 - Lock Or Flight Of Locks
 - Sea
- Contours (height in meters)**
- Standard Contour
 - Master Contour
 - Spot Height
 - Mean Low Water
 - Mean High Water

OS Water Network Map - Slice A

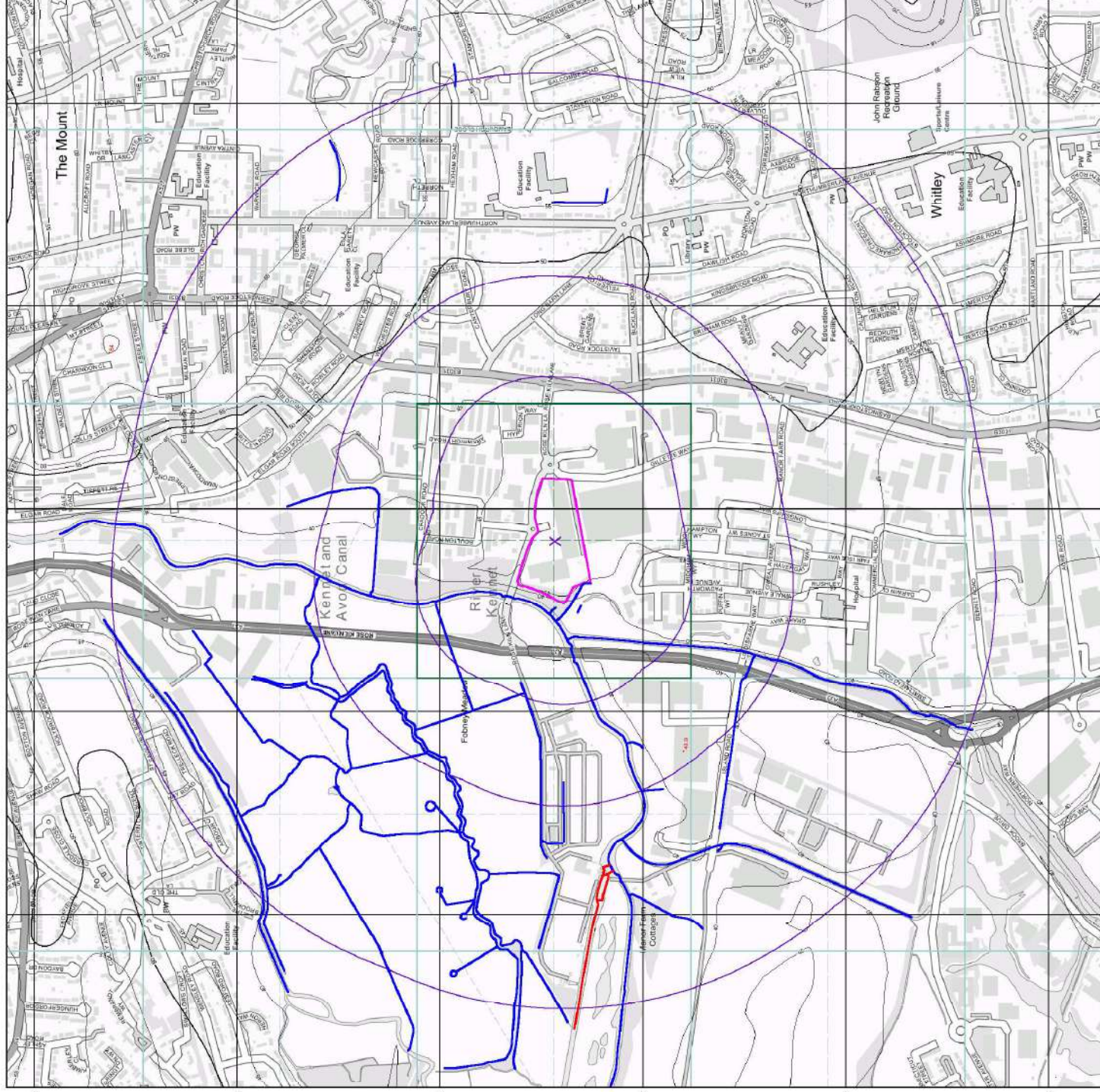


Order Details

Order Number: 261445163_1_1
 Customer Ref: 18-0642.02
 National Grid Reference: 471420, 171220
 Slice: A
 Site Area (Ha): 3.53
 Search Buffer (m): 1000

Site Details

Brunel Retail Park, Rose Kiln Lane, Reading, RG2 0HS



General

- Selected Site
- Specialist Buffer(s)
- Existing Reference Point

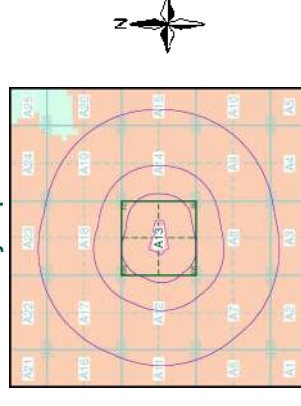
Risk of Flooding from Surface Water

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

Suitability

- See the suitability map below
- Neighbour to county
- County to town
- Town to street
- Street to parcels of land
- Property

EANRW Suitability Map - Slice A

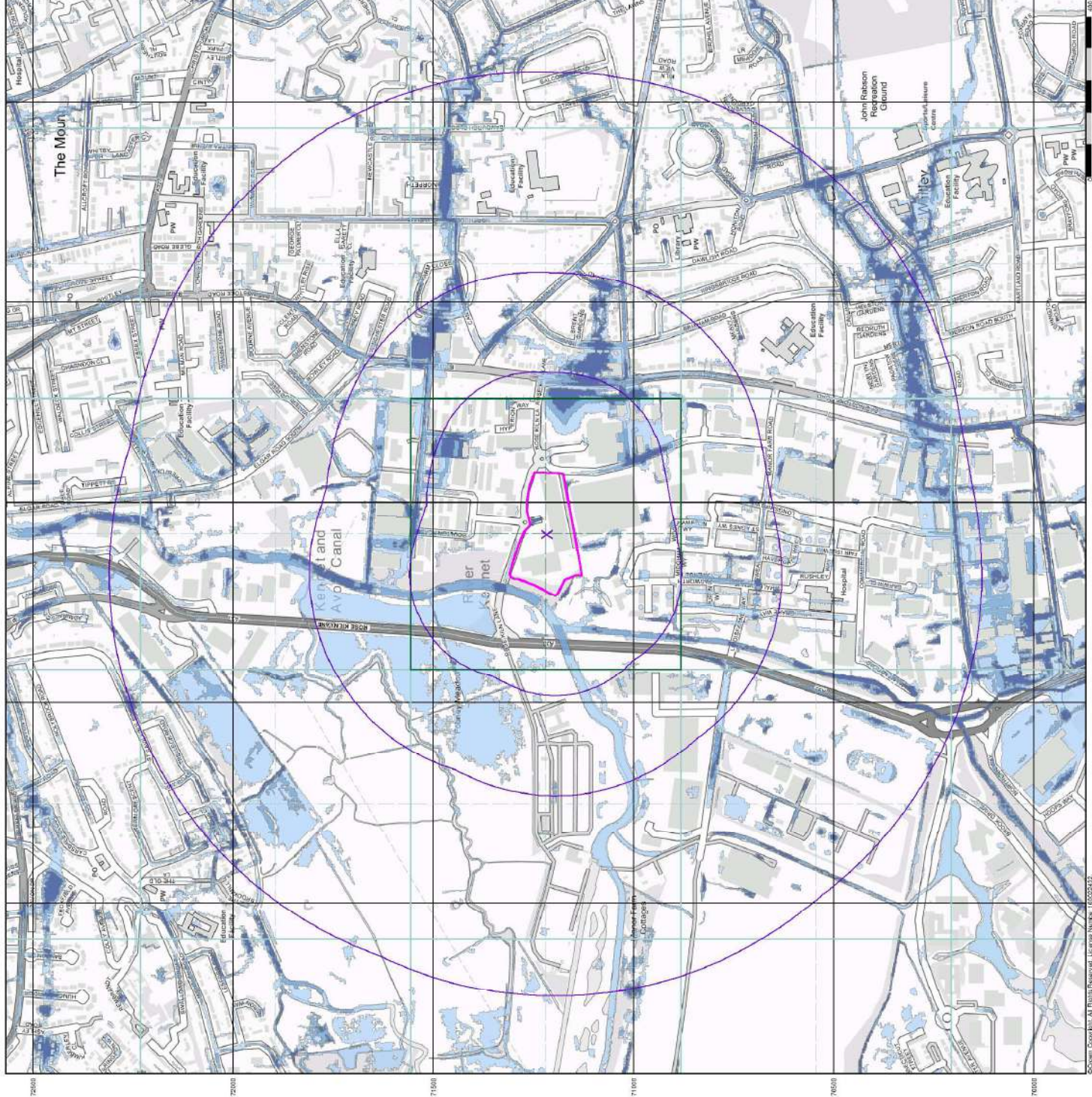


Order Details

Order Number: 261445163_1_1
 Customer Ref: 18-0642.02
 National Grid Reference: 471420, 171220
 Slice: A
 Site Area (Ha): 3.53
 Search Buffer (m): 1000

Site Details

Brunel Retail Park, Rose Kiln Lane, Reading, RG2 0HS



General

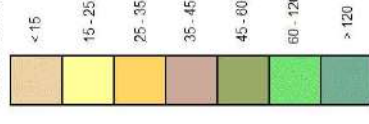
Specified Site

Specified Location

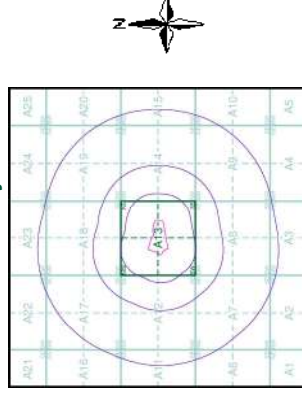
Boring Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A

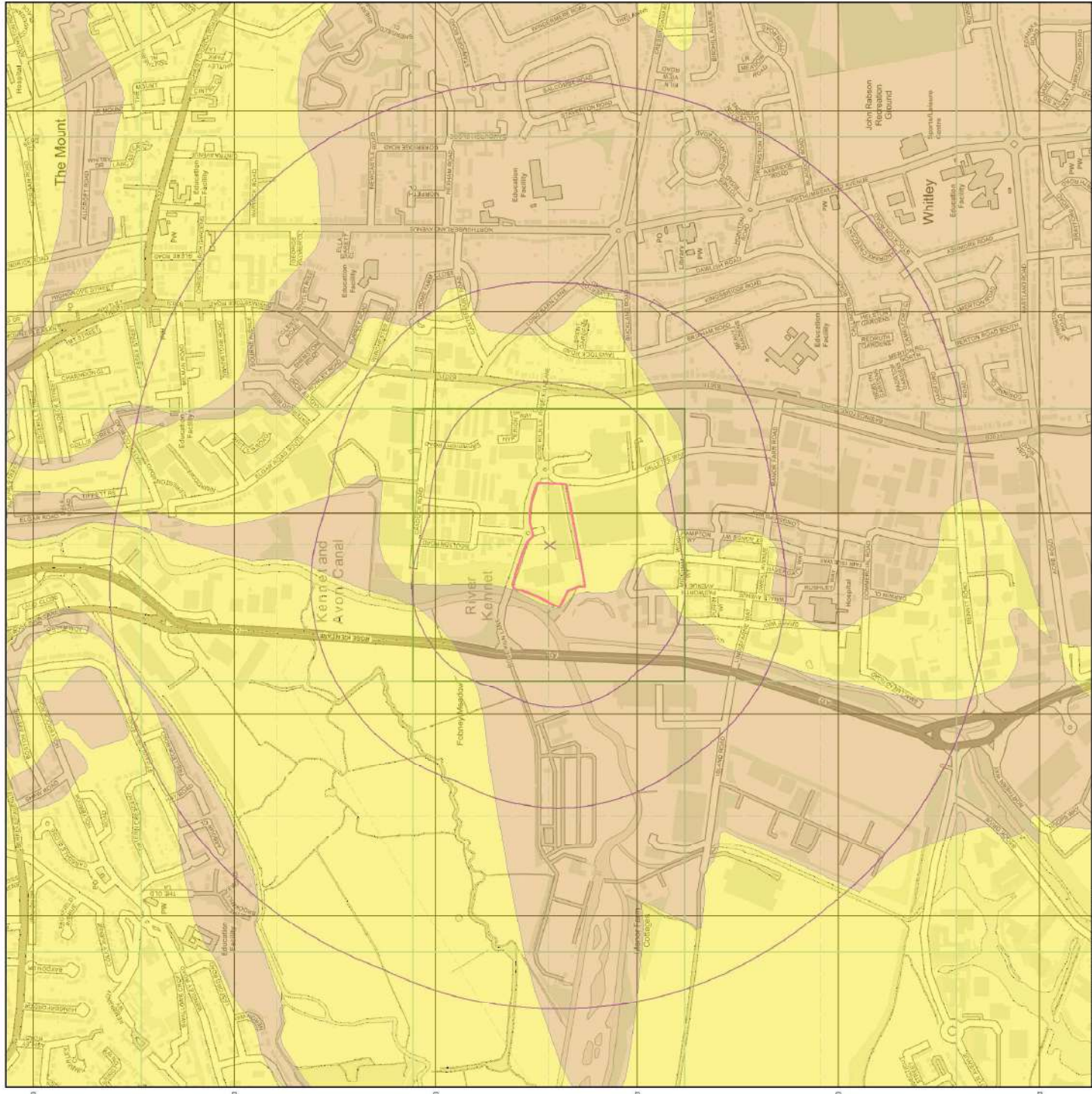


Order Details

Order Details: 261445163_1_1
 Customer Ref: 18-0642.02
 National Grid Reference: 471420, 171220
 Slice: A
 Site Area (Ha): 3.53
 Search Buffer (m): 1000

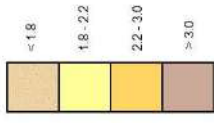
Site Details

Brunel Retail Park, Rose Kiln Lane, Reading, RG2 0HS

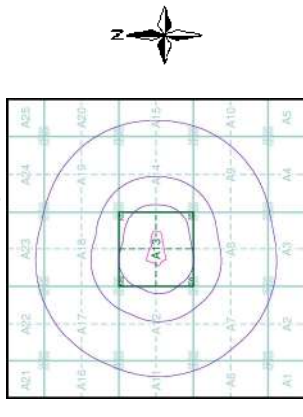


Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A



Order Details

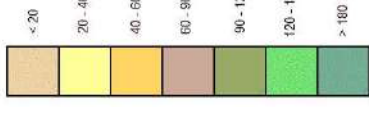
Order Details: 261445163_1_1
Customer Ref: 18-0642.02
National Grid Reference: 471420, 171220
Slice: A
Site Area (Ha): 3.53
Search Buffer (m): 1000

Site Details

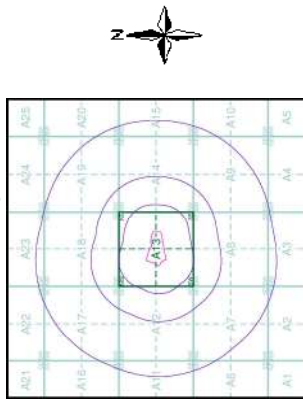
Brunel Retail Park, Rose Klin Lane, Reading, RG2 0HS

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A



Order Details

Order Details: 261445163_1_1
Customer Ref: 18-0642.02
National Grid Reference: 471420, 171220
Slice: A
Site Area (Ha): 3.53
Search Buffer (m): 1000

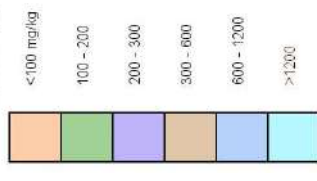
Site Details

Brunel Retail Park, Rose Klin Lane, Reading, RG2 0HS

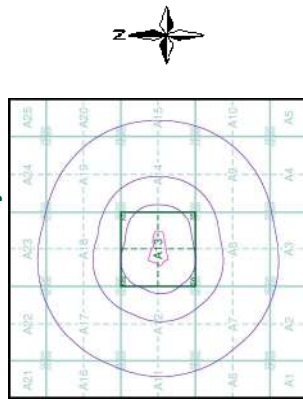
General
Specified Site
Specified Buffer(s)
Existing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A



Order Details

Order Details:
261445163_1_1
Customer Ref:
18-0642.02
National Grid Reference: 471420, 171220
Site:
A
Site Area (Ha):
3.53
Search Buffer (m):
1000

Site Details

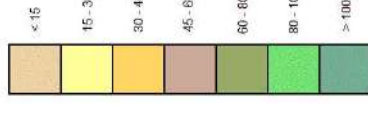
Brunel Retail Park, Rose Klin Lane, Reading, RG2 0HS

General

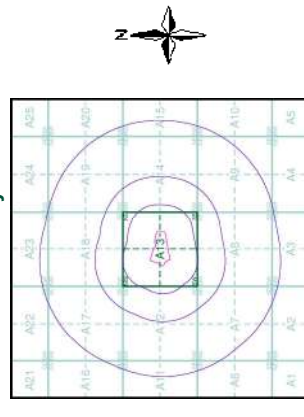
Specified Site Specified Buffer(s) Bounding Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

Order Details: 261445163_1_1
 Customer Ref: 18-0642.02
 National Grid Reference: 471420, 171220
 Slice: A
 Site Area (Ha): 3.53
 Search Buffer (m): 1000

Site Details

Brunei Retail Park, Rose Klin Lane, Reading, RG2 0HS

Groundwater Vulnerability

General

- Specified Site
- Site
- Specified Burrows
- Map ID
- Bearing Reference Point

Agency and Hydrological

Bedrock Aquifers

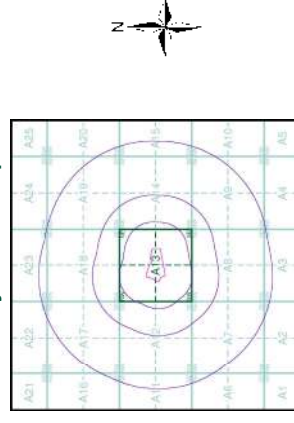
- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

Superficial Aquifers

- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

Unproductive Aquifer
Soluble Rock

Site Sensitivity Context Map - Slice A

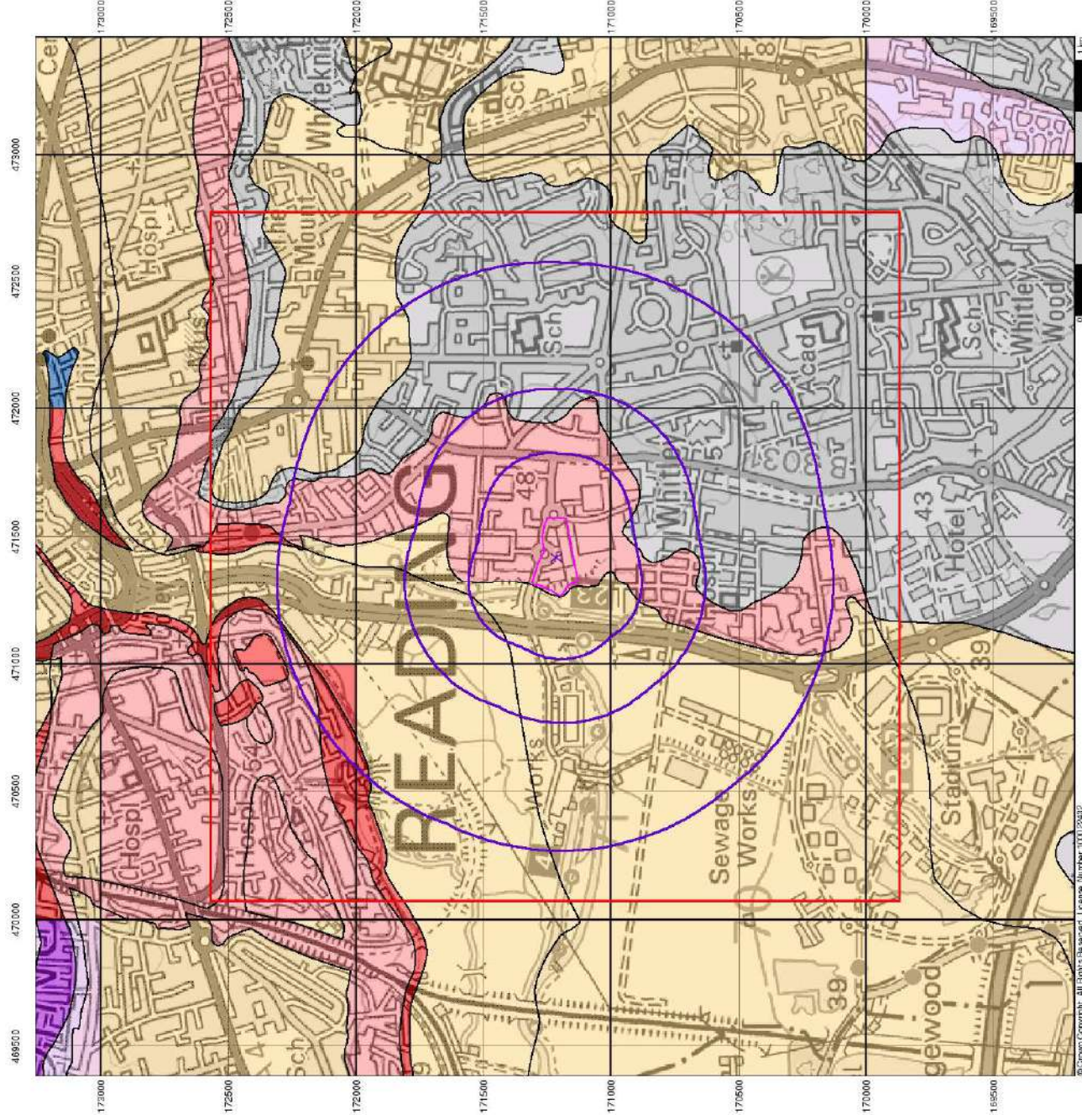


Order Details

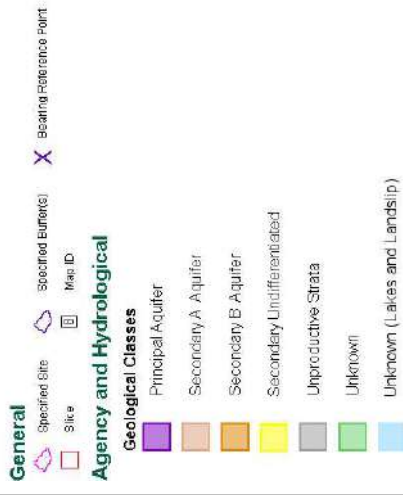
Order Number: 261445163_1_1
Customer Ref: 18-0642-02
National Grid Reference: 471420, 171220
Site: A
Site Area (Ha): 3.53
Search Buffer (m): 1000

Site Details

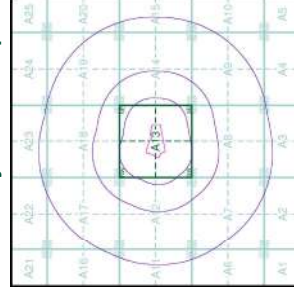
Brunel Retail Park, Rose Klin Lane, Reading, RG2 0HS



Bedrock Aquifer Designation



Site Sensitivity Context Map - Slice A

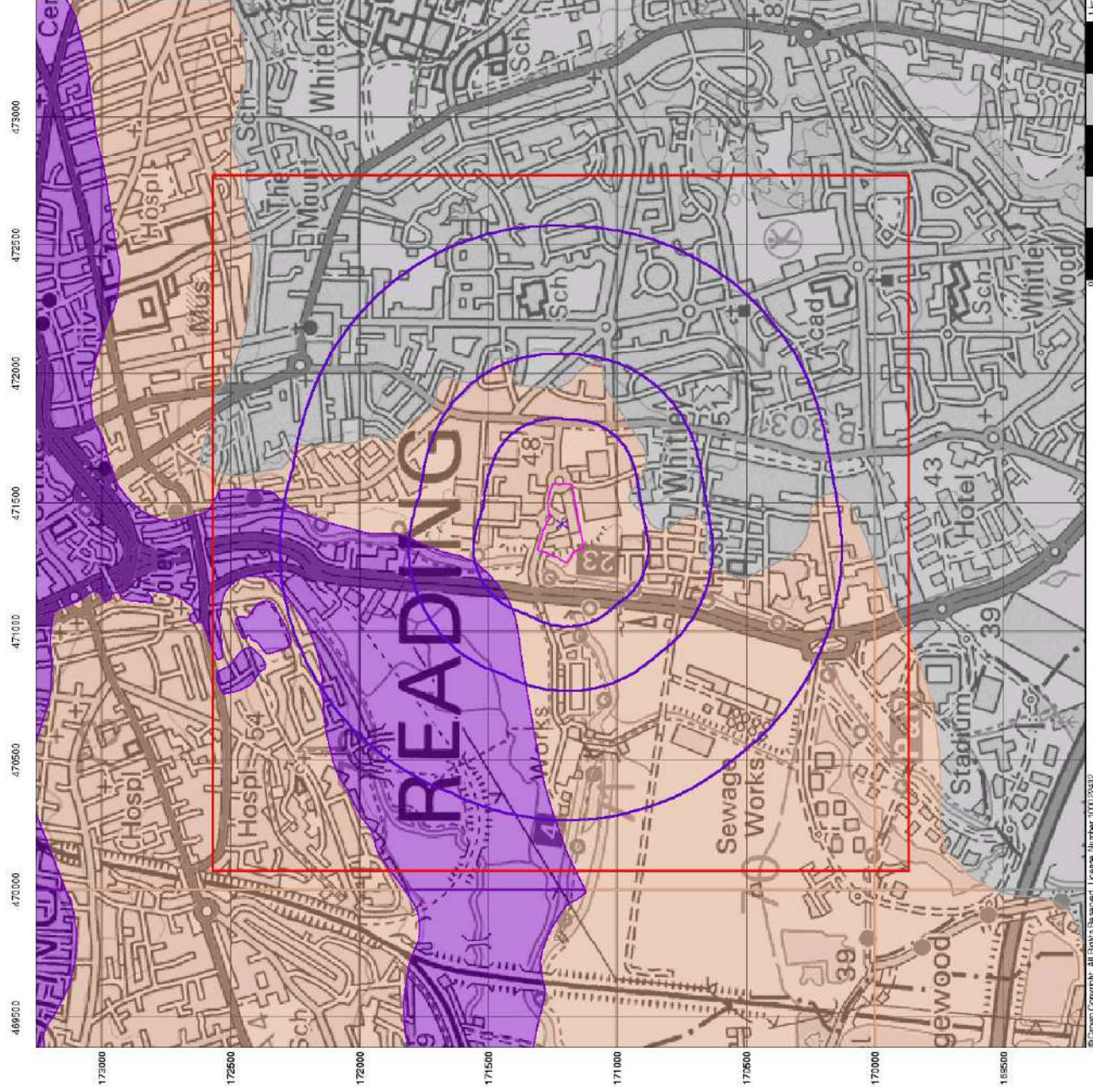


Order Details

Order Number: 261445163_1_1
 Customer Ref: 18-0642-02
 National Grid Reference: 471420, 171220
 Slice: A
 Site Area (Ha): 3.53
 Search Buffer (m): 1000

Site Details

Brunei Retail Park, Rose Klin Lane, Reading, RG2 0HS



Superficial Aquifer Designation

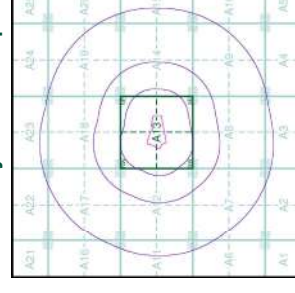
General

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

Agency and Hydrological

- Geological Classes**
- Principal Aquifer
 - Secondary A Aquifer
 - Secondary B Aquifer
 - Secondary Undifferentiated
 - Unproductive Strata
 - Unknown
 - Unknown (Lakes and Lands)

Site Sensitivity Context Map - Slice A

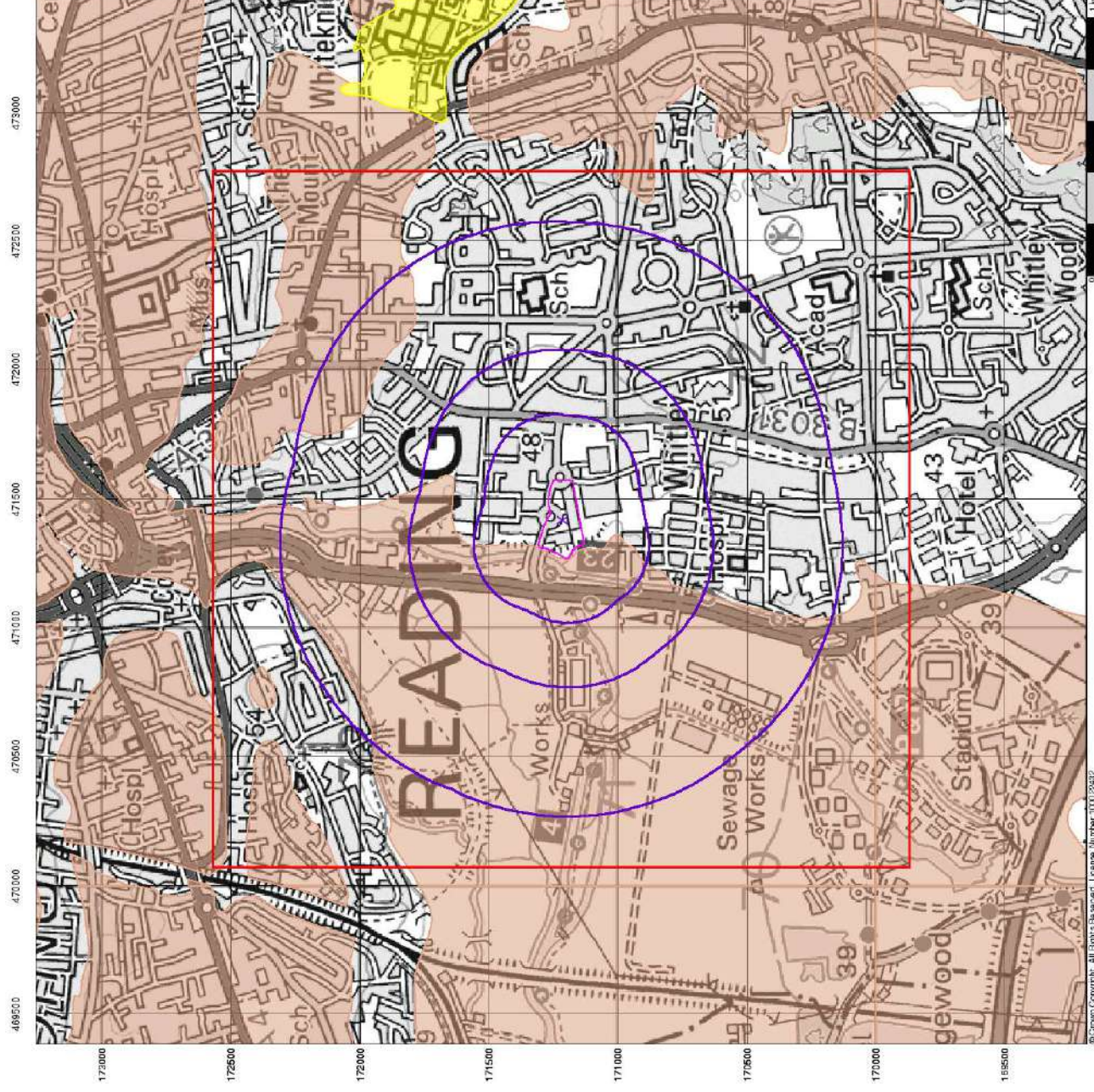


Order Details

Order Number:	261445163_1_1
Customer Ref:	18-0642.02
National Grid Reference:	471420, 171220
Slice:	A
Site Area (Ha):	3.53
Search Buffer (m):	1000

Site Details

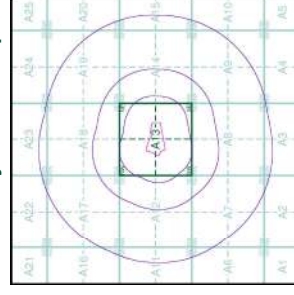
Site Details
Brunel Retail Park, Rose Kiln Lane, Reading, RG2 0HS



Source Protection Zones

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

Site Sensitivity Context Map - Slice A

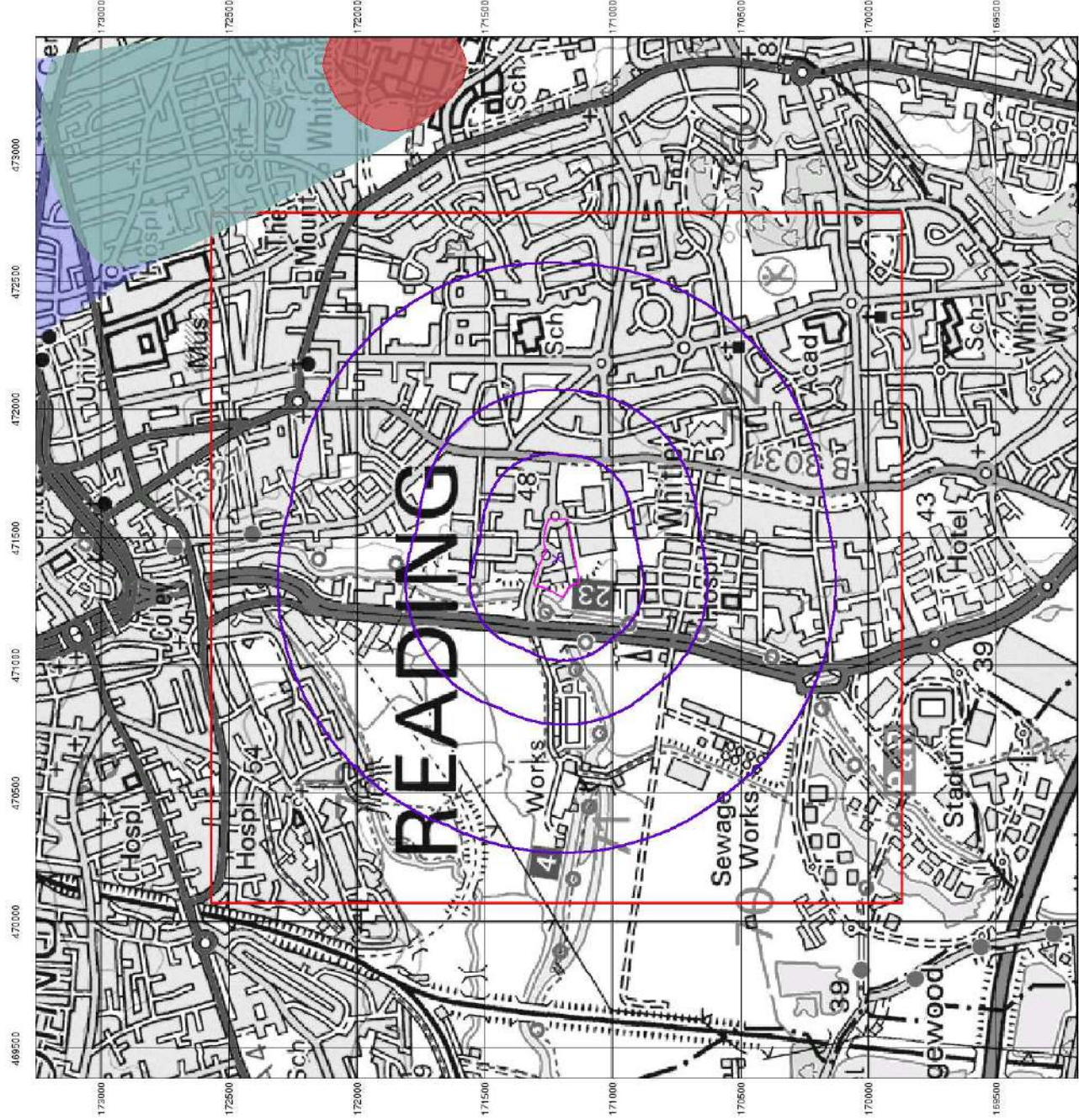


Order Details

Order Number: 261445163_1_1
 Customer Ref: 18-0642-02
 National Grid Reference: 471420, 171220
 Slice: A
 Site Area (Ha): 3.53
 Search Buffer (m): 1000

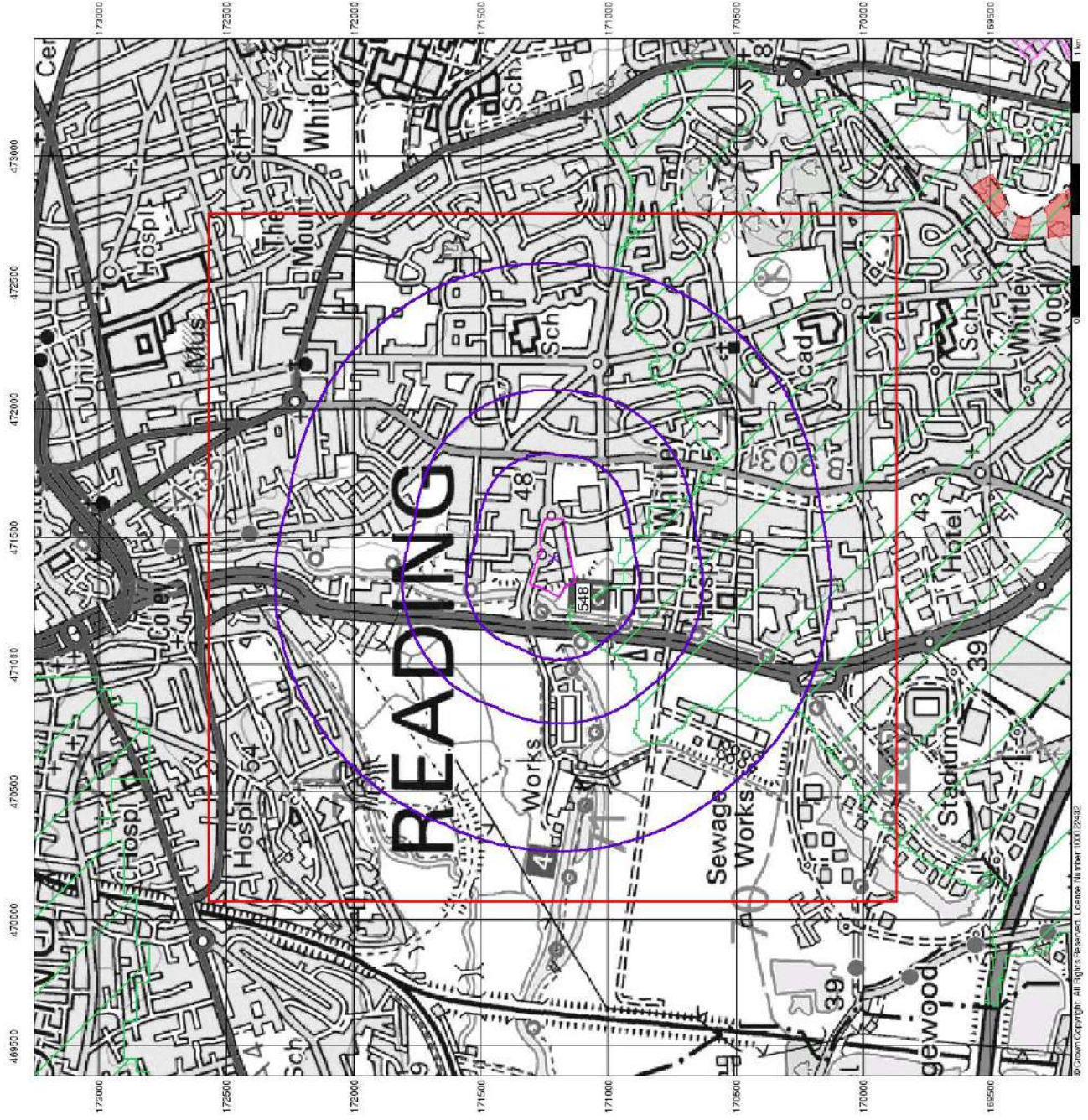
Site Details

Brunei Retail Park, Rose Klin Lane, Reading, RG2 0HS

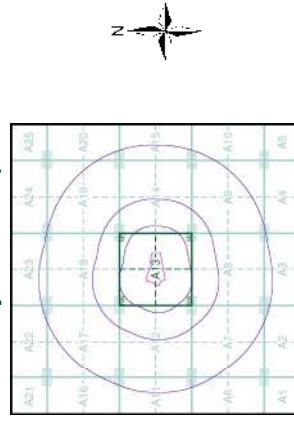


Sensitive Land Uses

- General**
- Specified Site
 - Specified Burrows
 - Map ID
 - Bearing Reference Point
- Sensitive Land Uses**
- Ancient Woodland
 - Area of Adopted Green Belt
 - Area of Unadopted Green Belt
 - Area of Outstanding Natural Beauty
 - Environmentally Sensitive Area
 - Forest Park
 - Local Nature Reserve
 - Marine Nature Reserve
 - National Nature Reserve
 - National Park
 - Nitrates Sensitive Area
 - Nitrates 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: 261445163_1_1
 Customer Ref: 18-0642-02
 National Grid Reference: 471420, 171220
 Slice: A
 Site Area (Ha): 3.53
 Search Buffer (m): 1000

Site Details

Brunel Retail Park, Rose Klin Lane, Reading, RG2 0HS

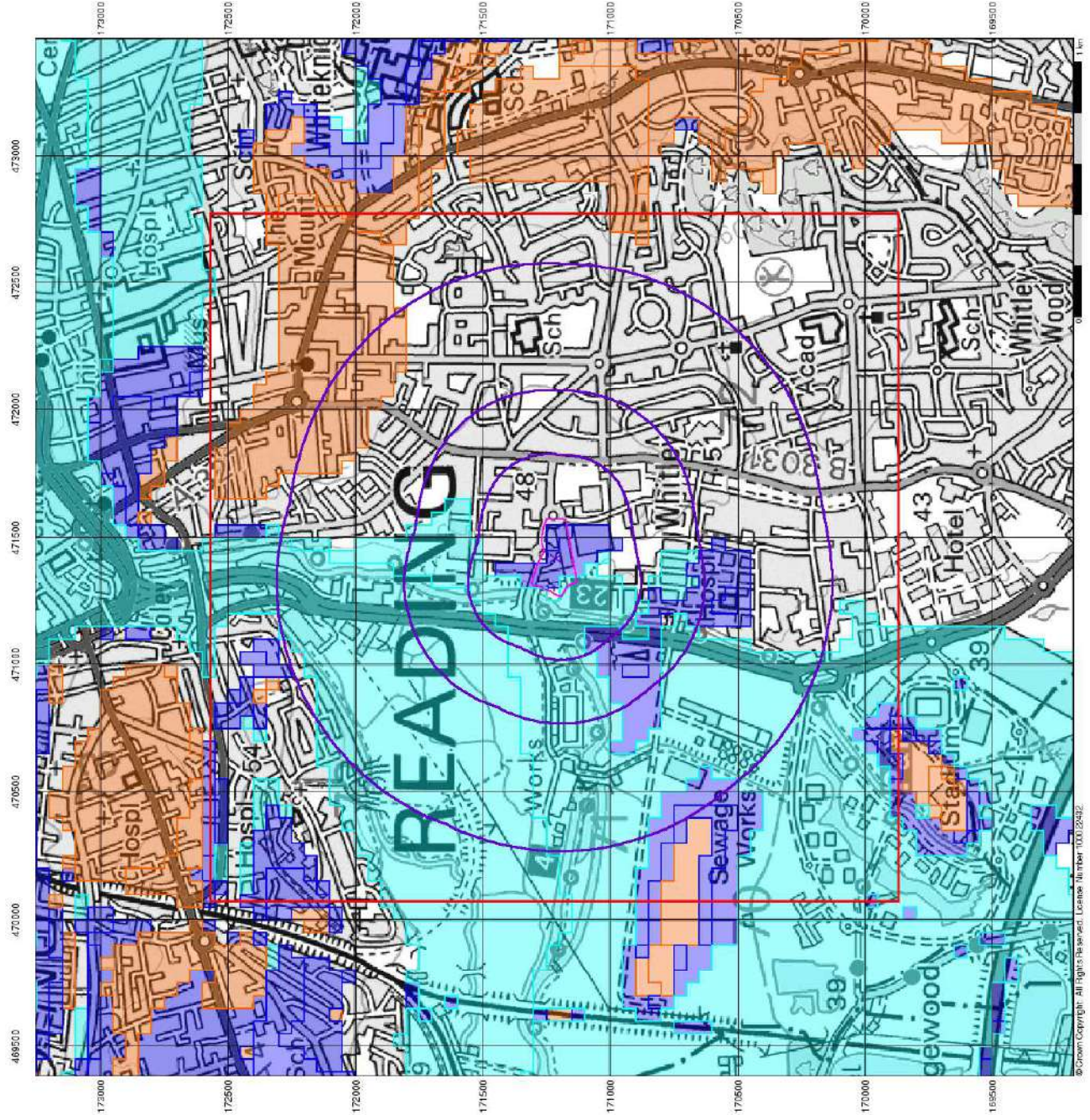
BGS Flood GFS Data

General

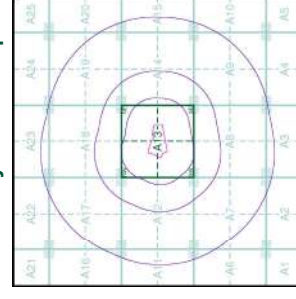
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice

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: 261445163_1_1
 Customer Ref: 18-0642-02
 National Grid Reference: 471420, 171220
 Slice: A
 Site Area (Ha): 3.53
 Search Buffer (m): 1000

Site Details

Brunel Retail Park, Rose Klin Lane, Reading, RG2 0HS

Appendix D – Risk Definitions

Contaminated Land Risk Definitions

The following methodology is based on the methodology presented in CIRIA C552 Contaminated Land Risk Assessment: A Guide to Good Practice 2001. It requires the classification of the:

- ▲ Magnitude of the potential consequence (severity) of the Risk occurring: and
- ▲ Magnitude of the Probability (likelihood) of the Risk occurring.

The classifications are then compared to indicate the risk presented by each pollutant linkage.

Consequence to Receptor Definition Matrix

	Human Health	Controlled Waters	Buildings/Services
Severe Consequence	Acute or chronic permanent impact on human health.	Sensitive controlled water pollution ongoing, or just about to occur.	Catastrophic collapse
Medium Consequence	Chronic permanent impact on human health	Gradual pollution of sensitive controlled water	Degradation of materials
Mild Consequence	Chronic temporary impact on human health	Gradual pollution of non-sensitive controlled water	Damage to building rendering it unsafe to occupy (eg foundation damage resulting in instability).
Minor Consequence	Non-permanent health effects to human health (easily prevented by means such as personal protective clothing etc).	Slight discoloration of water	Easily repairable effects of damage to buildings, structures and services, i.e discoloration of concrete

Probability Definitions

Probability	Definition in Context
Higher	There is a pollution linkage and an event that either appears very likely in the short term and almost inevitable over the long term, or there is evidence at the receptor of harm or pollution. Positive evidence of source, pathway and receptor.
Likely	There is a pollution linkage and all the elements are present and in the right place, which means that it is probable that an event will occur. Circumstances are such that an event is not inevitable, but possible in the short term and likely over the long term. Suspect source, pathway, and receptor
Low Likelihood	There is a pollution linkage and circumstances are possible under which an event could occur. However, it is by no means certain that even over a longer period such event would take place, and is less likely in the shorter term.
Unlikely	There is a pollution linkage but circumstances are such that it is improbable that an event would occur even in the very long term No evidence of hazard, pathway, and receptor

Standard Risk Matrix

		Consequence/Magnitude of impact			
		Severe	Medium	Mild	Minor
Probability	High	Very High	High	Moderate	Moderate/Low
	Likely	High	Moderate	Moderate/low	Low
	Low Likelihood	Moderate	Moderate/low	Low	Very Low
	Unlikely	Moderate/low	Low	Very Low	Very Low

Classified risks and likely action

Significance Level	Definition/Comments
Very High Risk	There is a high probability that severe harm could arise to a designated receptor from an identified hazard, OR, there is evidence that severe harm to a designated receptor is currently happening. This risk, if realised, is likely to result in a substantial liability. Urgent investigation (if not undertaken already) and remediation are likely to be required. Demonstrable contaminated land situation, highest threat & liability level, urgent action recommended.
High Risk	Harm is likely to arise to a designated receptor from an identified hazard. Realisation of the risk is likely to present a substantial liability. Urgent investigation (if not undertaken already) is required and remedial works may be necessary in the short term and are likely over the longer term. Likely contaminated land situation, risk assessment and action recommended.
Moderate	It is possible that harm could arise to a designated receptor from an identified hazard. However, if it is either relatively unlikely that any such harm would be severe, or if any harm were to occur it is more likely that the harm would be relatively mild Investigation (if not already undertaken) is normally required to clarify the risk and to determine the potential liability. Some remedial works may be required in the longer term. Plausible contaminated land situation, risk assessment and possible action recommended.
Low Risk	It is possible that harm could arise to a designated receptor from an identified hazard, but it is likely that this harm, if realised, would at worst normally be mild. Unlikely contaminated land situation, possible risk assessment and possible action.
Very Low Risk	There is a low possibility that harm could arise to a receptor. In the event of such harm being realised it is not likely to be severe. Negligible risk, no action recommended except vigilance for changes in conditions.

Geotechnical Risk Classification

The geohazards listed in the report within Section 4 follow guidance presented in Clayton, C.R.I. (2001) *Managing Geotechnical Risk*, Thomas Telford and the Highways Agency document HD22/08 '*Managing Geotechnical Risk*' (2008) which aims to identify and manage the geotechnical risks associated with a scheme throughout its lifespan, from planning to construction to maintenance.

For each geohazard the probability of the hazard occurring (P) has been considered together with the impact it would have (I) if it were to happen to calculate the risk rating between 1 and 25.

Risks that fall within Moderate, Significant and Severe categories below are considered to be **substantial** and are therefore listed within the report.

Probability	(P)		Impact	(I)		(R)	Risk
Very Likely (VLk)	5	X	Very High (VH)	5	=	20 – 25	Severe
Likely (Lk)	4		High (H)	4		15 – 19	Substantial
Plausible (P)	3		Medium (M)	3		10 – 14	Moderate
Unlikely (U)	2		Low (L)	2		5 – 9	Minor
Very Unlikely (VU)	1		Very Low (VL)	1		1 – 4	Negligible