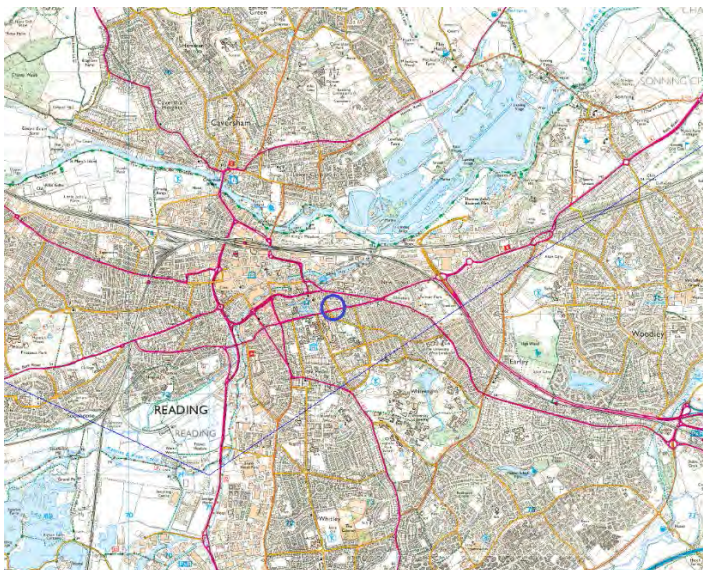
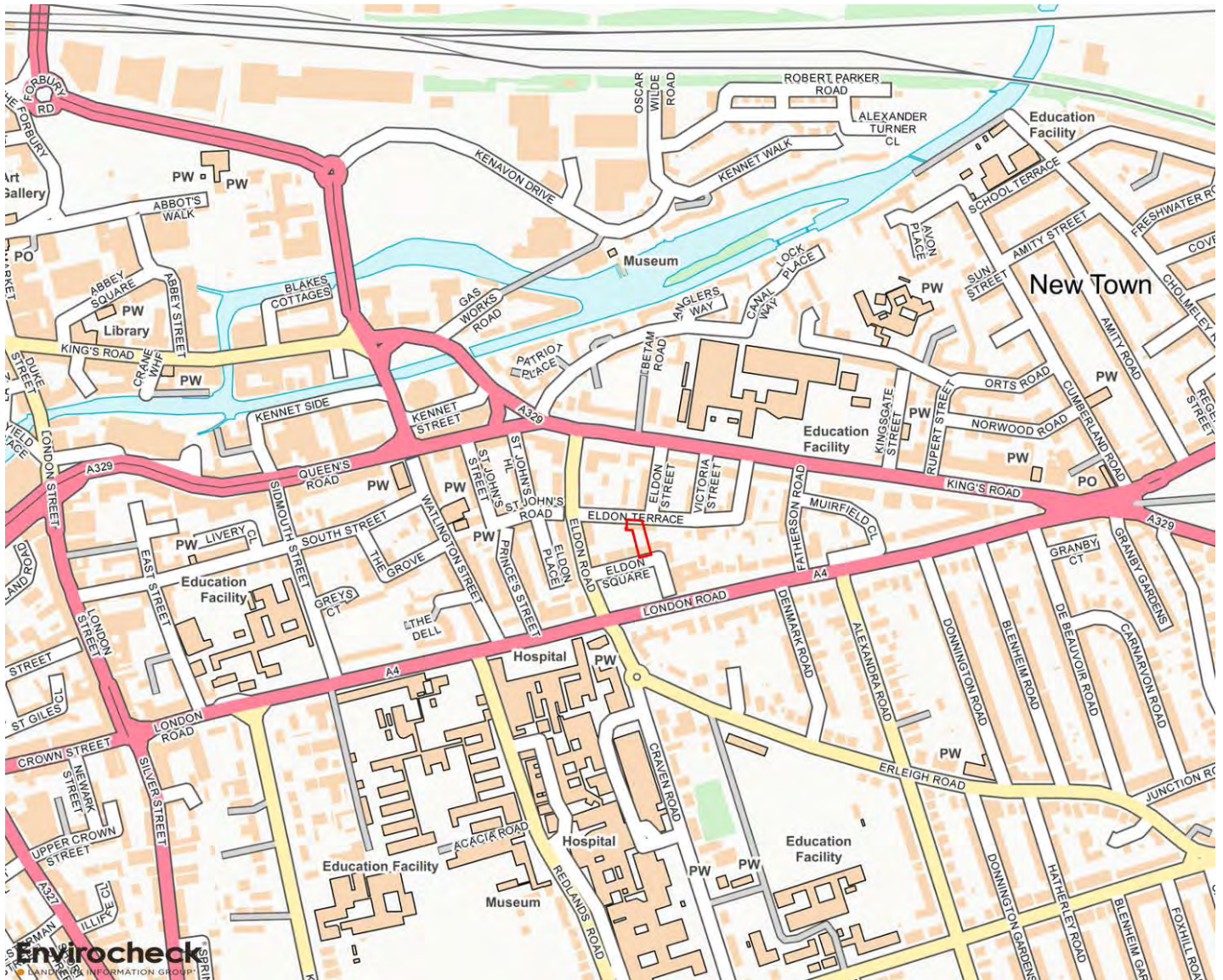










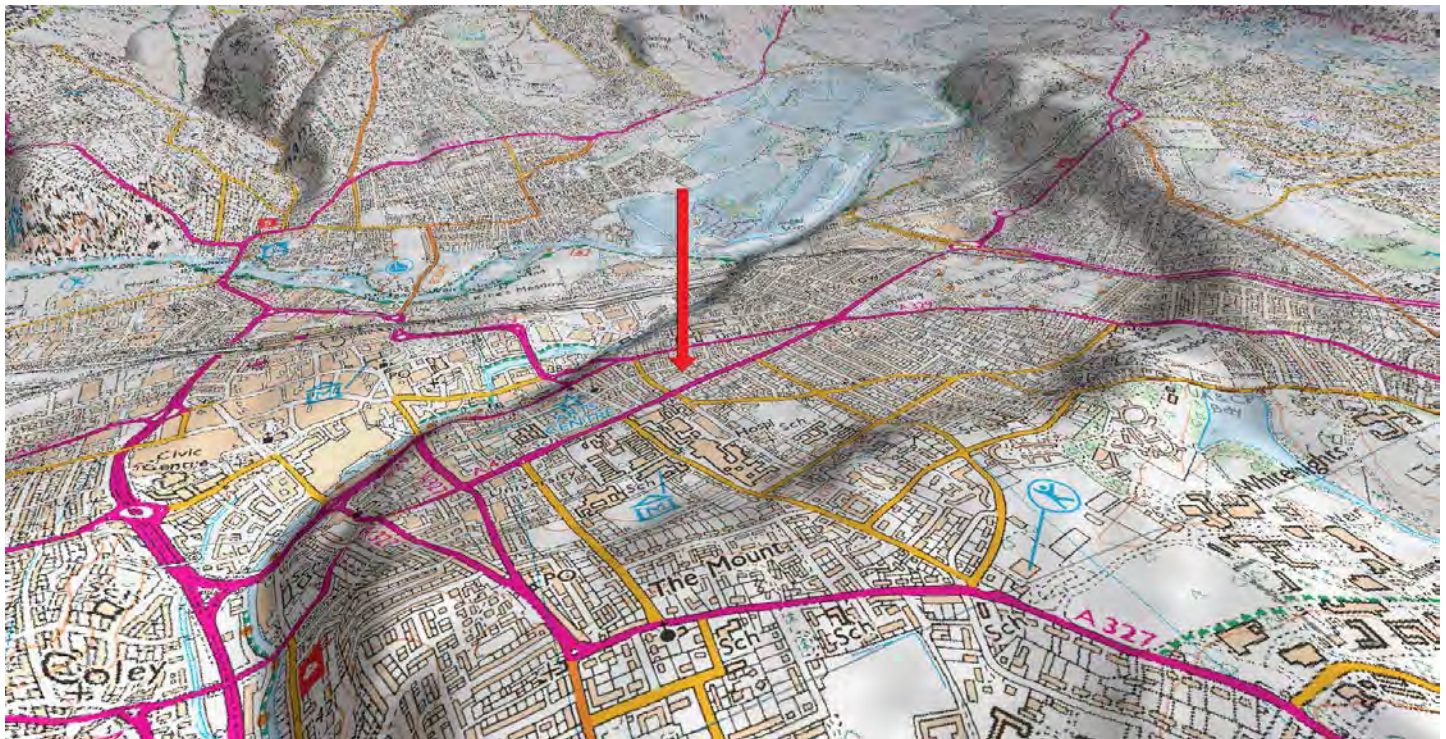








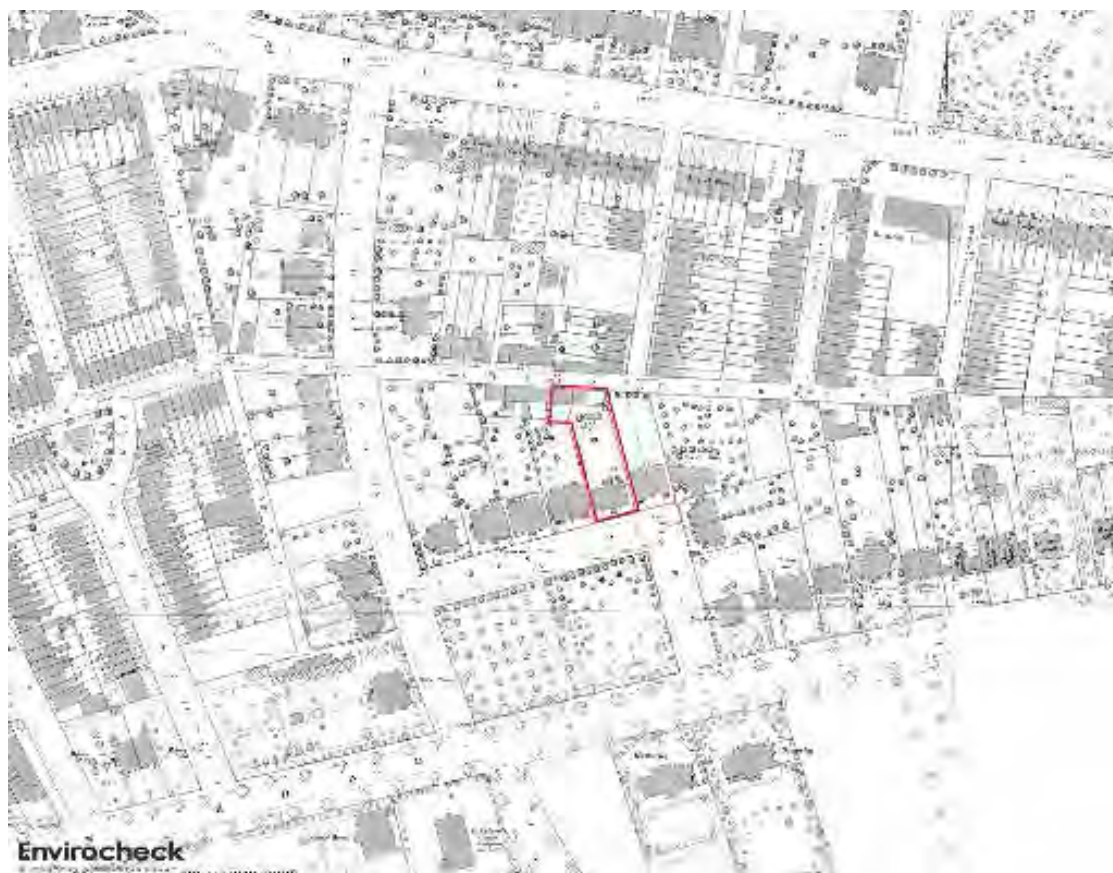
Above copies of the 1 to 25,000 scale map rendered according the height data given on these maps. (Note the vertical scale is greatly exaggerated to allow the topography to be visualised)



Above a copy of the 1 to 25,000 scale map rendered according the height data given on these maps. (Note the vertical scale is greatly exaggerated to allow the topography to be visualised)



Above a copy of the 1 to 25,000 scale 3d map showing the potential routes for contaminants that could migrate onto the site.

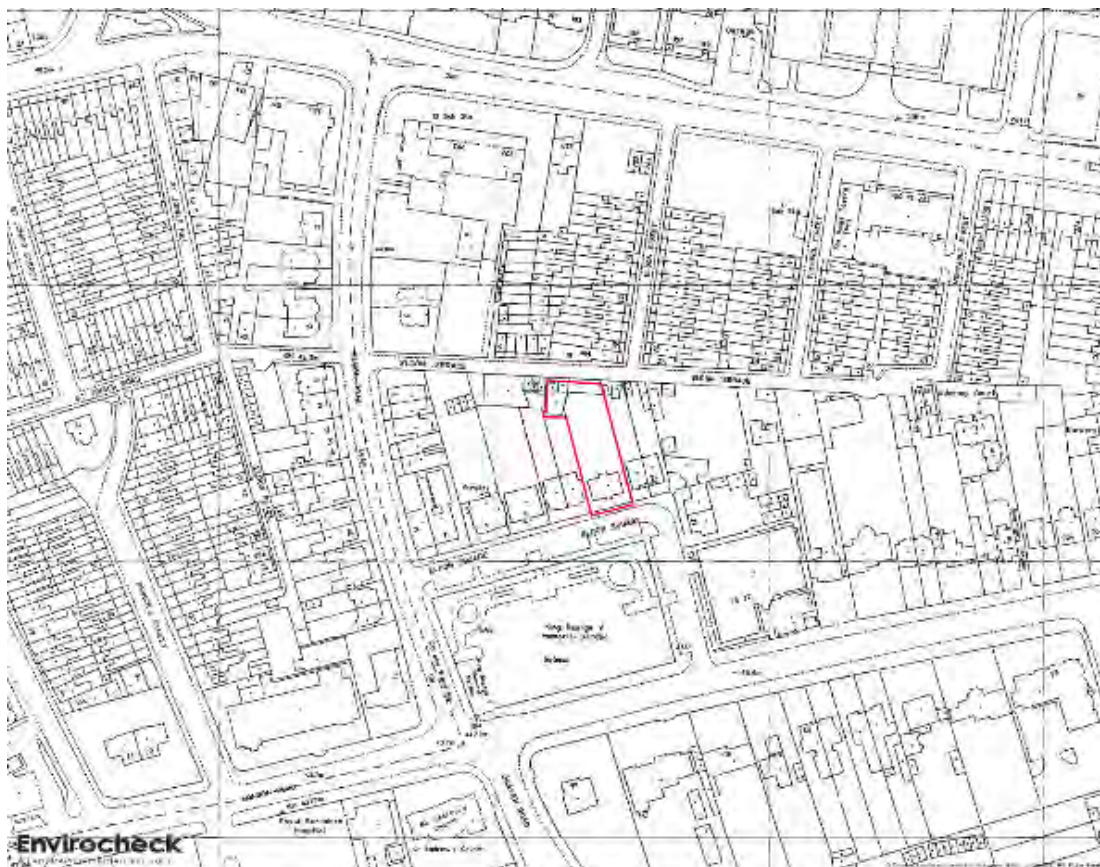


1879



1912

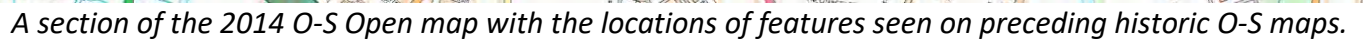




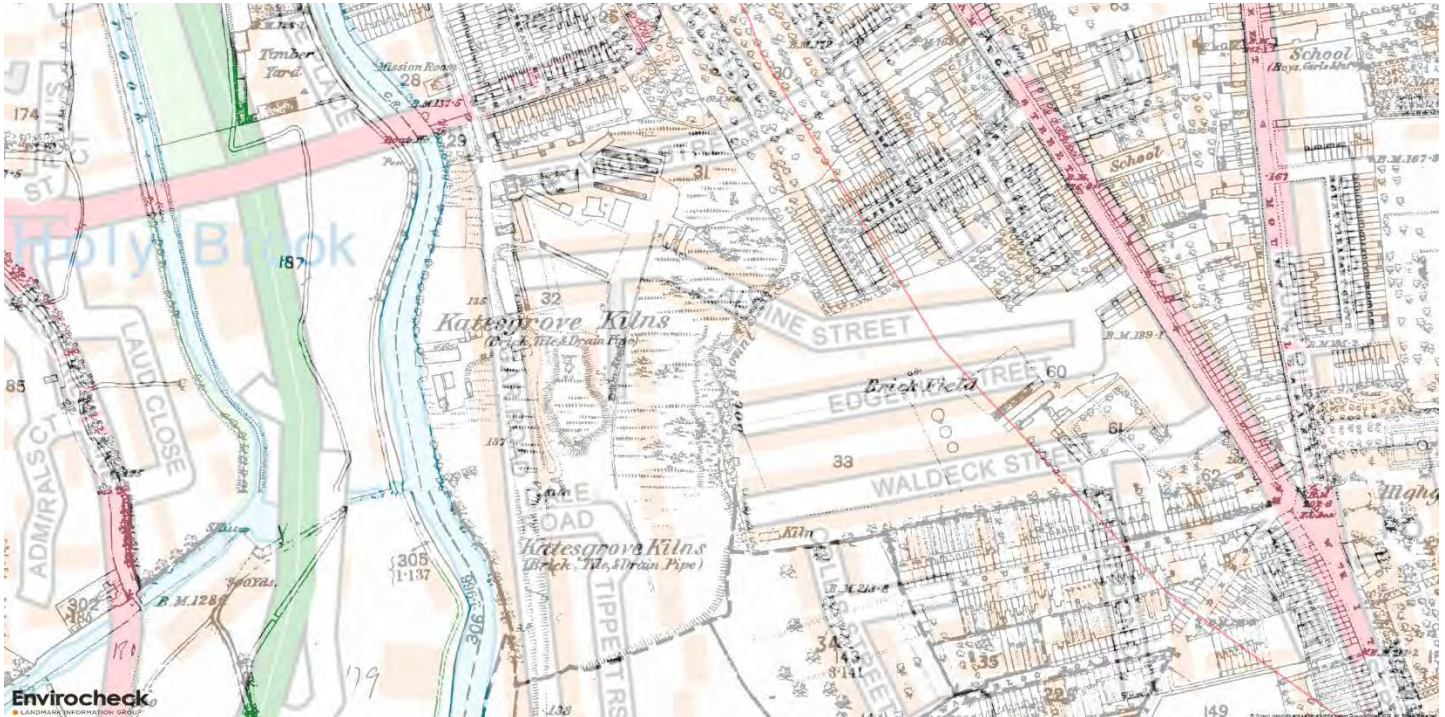
1993



2018



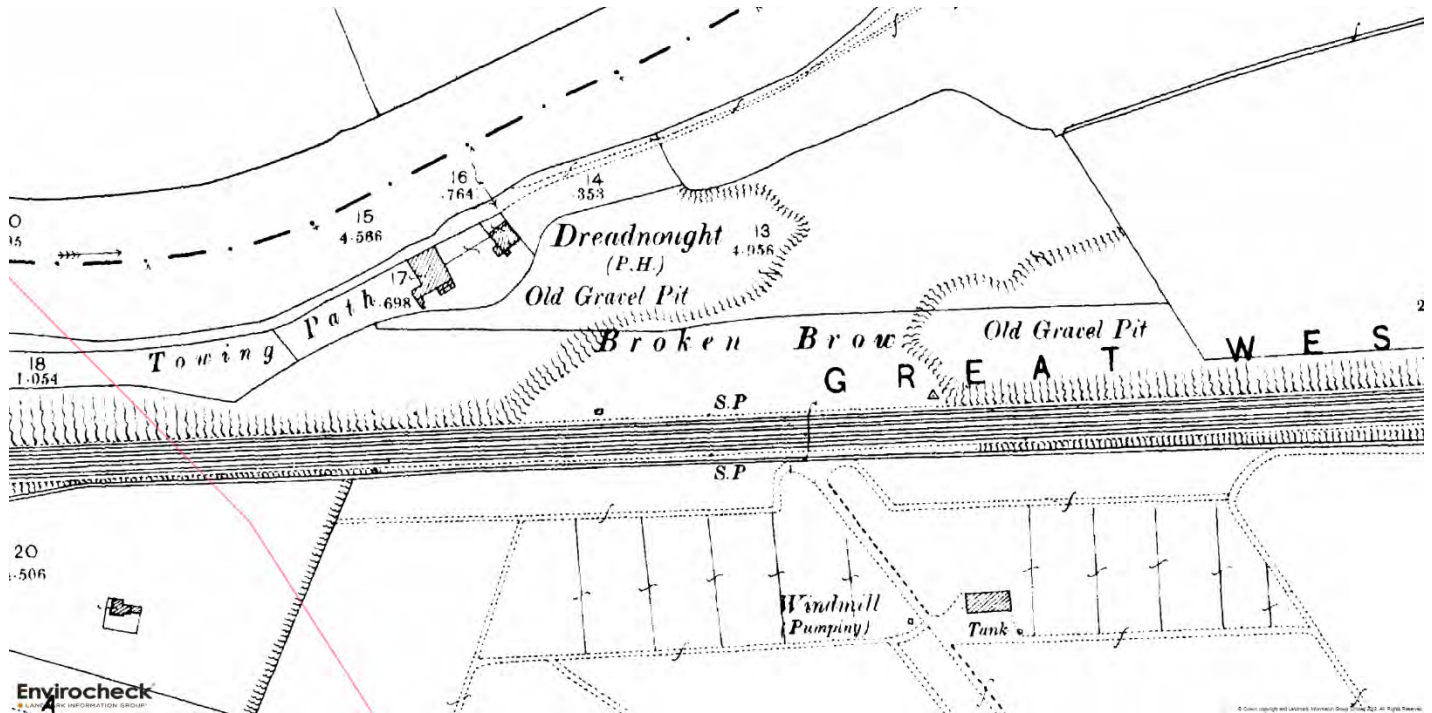
A section of the 2014 O-S Open map with the locations of features seen on preceding historic O-S maps.



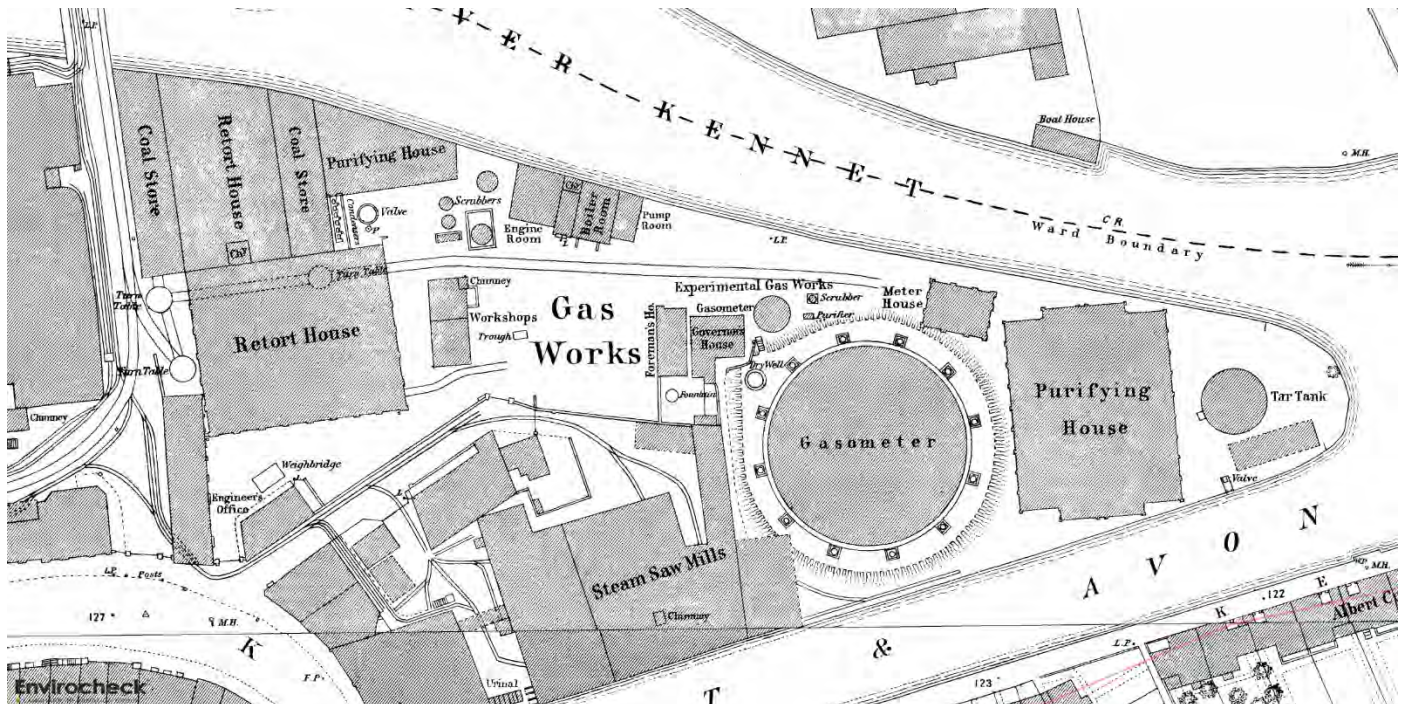
Above, the 1877 map overlain on a 2019 map showing Katesgrove Kilns some 1.1km south west of the site.



Above, the 1877 map overlain on a 2019 map showing Waterloo Kilns some 1.4km south west of the site.



Above, a copy of the 1899 map showing the location of some old gravels pits some 1.1km to the north east.



Above, a copy of the 1879 town map showing the gas works about 500m north west of the site.



Above, an overlay of the 1879 town map and a 2019 aerial picture of the gas works about 500m north west of the site.

**PHASE 1 ENVIRONMENTAL INVESTIGATION
NO 4178/19
GARAGES AT 14-16, ELDON TERRACE,
READING, BERKSHIRE
FOR
PROPOSED HOUSING DEVELOPMENT**

APPENDIX A

GEOLOGICAL REPORT

Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WGR	Worked Ground (Undivided)	Void	Not Supplied - Holocene
	MGR	Made Ground (Undivided)	Artificial Deposit	Not Supplied - Holocene
	WMGR	Infilled Ground	Artificial Deposit	Not Supplied - Holocene

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	KPGR	KEMPTON PARK GRAVEL MEMBER	Sand and Gravel	Not Supplied - Devensian
	LASI	Langley Silt Member	Clay and Silt	Not Supplied - Devensian
	TPGR	TAPLOW GRAVEL MEMBER	Sand and Gravel	Not Supplied - Wolstonian
	LHGR	Lynch Hill Gravel Member	Sand and Gravel	Not Supplied - Wolstonian
	BHT	Boyn Hill Gravel Member	Sand and Gravel	Not Supplied - Hoxnian
	HEAD	Head	Clay, Silt, Sand and Gravel	Not Supplied - Quaternary
	RTD6	River Terrace Deposits, 6	Sand and Gravel	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	LC	London Clay Formation	Clay, Silt and Sand	Not Supplied - Ypresian
	LMBE	Lambeth Group	Clay, Silt and Sand	Not Supplied - Thanetian
	SNCK	Seaford Chalk Formation and Newhaven Chalk Formation (Undifferentiated)	Chalk	Not Supplied - Coniacian



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Geology 1:50,000 Maps

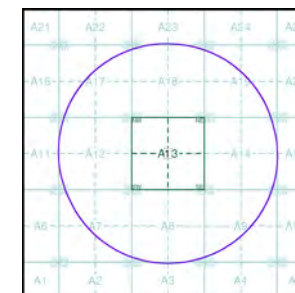
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published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

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

Geology 1:50,000 Maps Coverage

Map ID:	1
Map Sheet No:	268
Map Name:	Reading
Map Date:	2000
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Available
Faults:	Not Supplied
Landslip:	Not Available
Rock Segments:	Not Supplied

Geology 1:50,000 Maps - Slice A



Order Details:

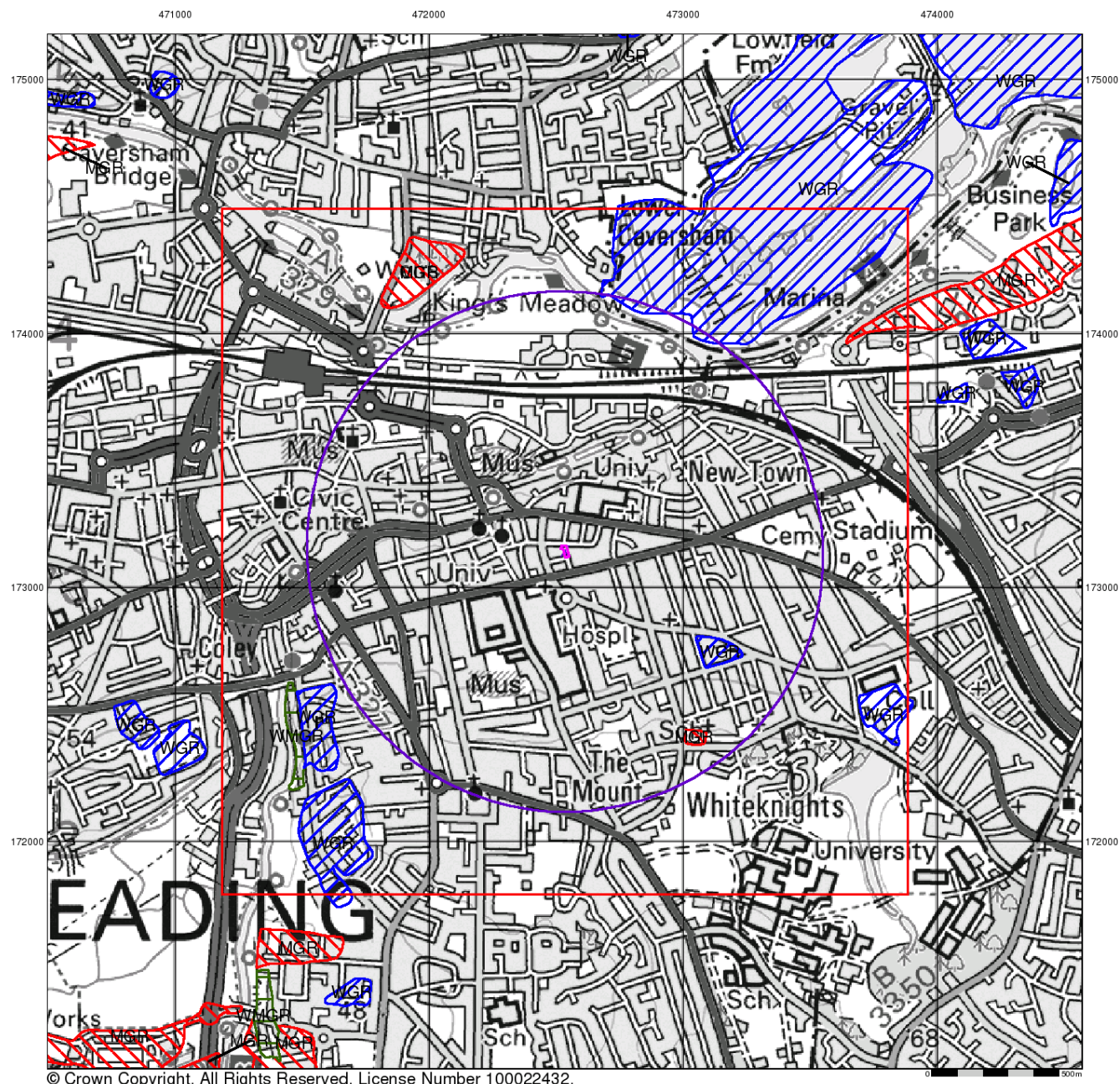
Order Number:	216655226_1_1
Customer Reference:	4178
National Grid Reference:	472530, 173140
Slice:	A
Site Area (Ha):	0.09
Search Buffer (m):	1000

Site Details:

Printmaker, Printmaker, 14-16, Eldon Terrace, Reading, RG1 4DX

Landmark
INFORMATION GROUP

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Fax: 0844 844 9951
Web: www.ernirocheck.co.uk



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Artificial Ground and Landslip

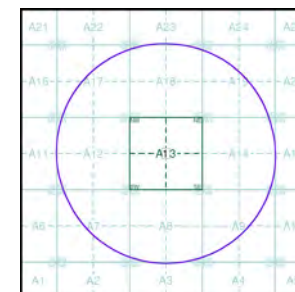
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice A



Order Details:

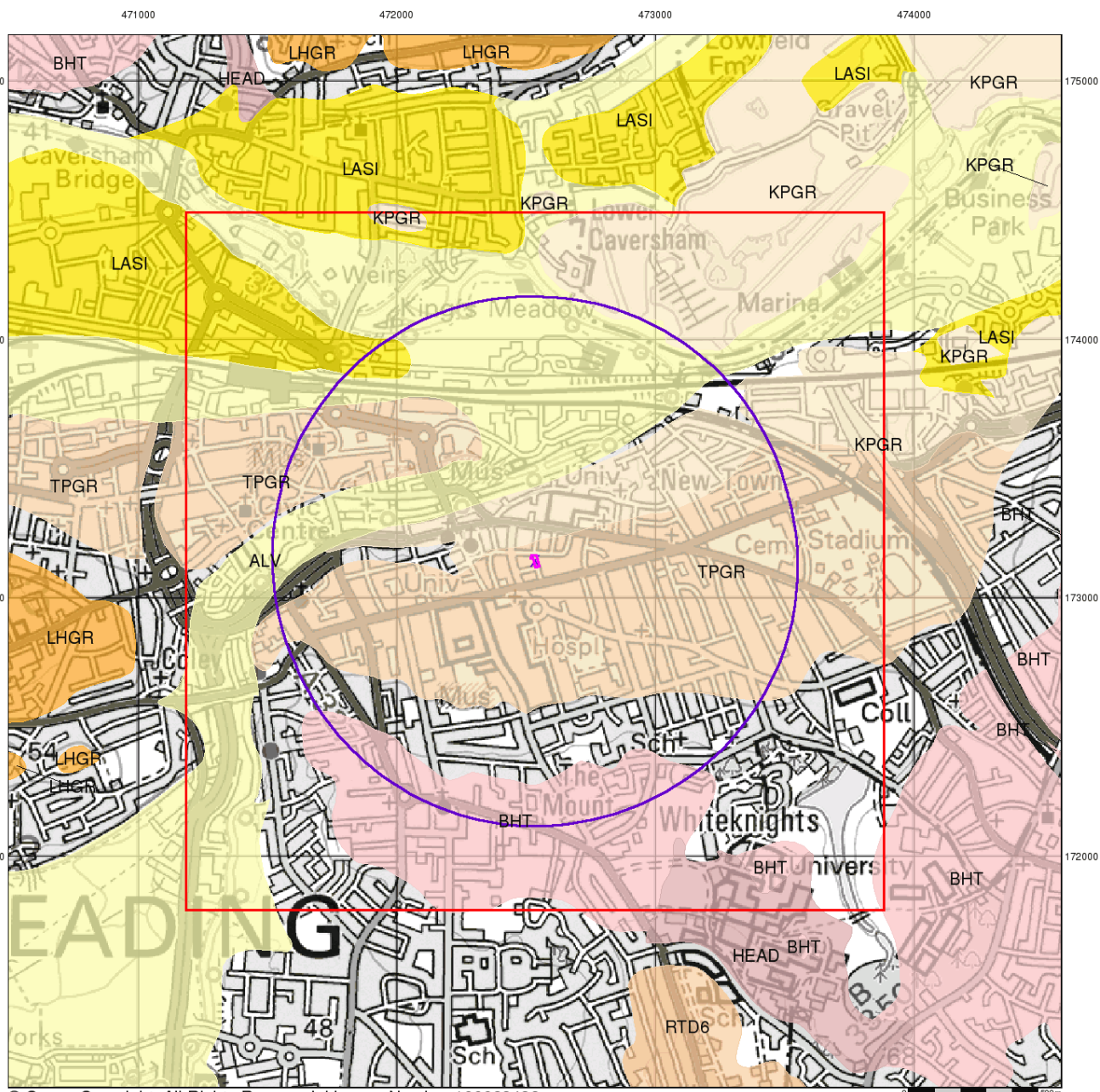
Order Number: 216655226_1_1
 Customer Reference: 4178
 National Grid Reference: 472530, 173140
 Slice: A
 Site Area (Ha): 0.09
 Search Buffer (m): 1000

Site Details:

Printmaker, Printmaker, 14-16, Eldon Terrace, Reading, RG1 4DX

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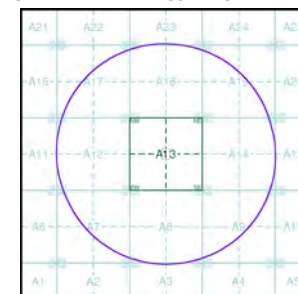
Superficial Geology

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

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

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

Superficial Geology Map - Slice A



Order Details:

Order Number: 216655226_1_1
 Customer Reference: 4178
 National Grid Reference: 472530, 173140
 Slice: A
 Site Area (Ha): 0.09
 Search Buffer (m): 1000

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