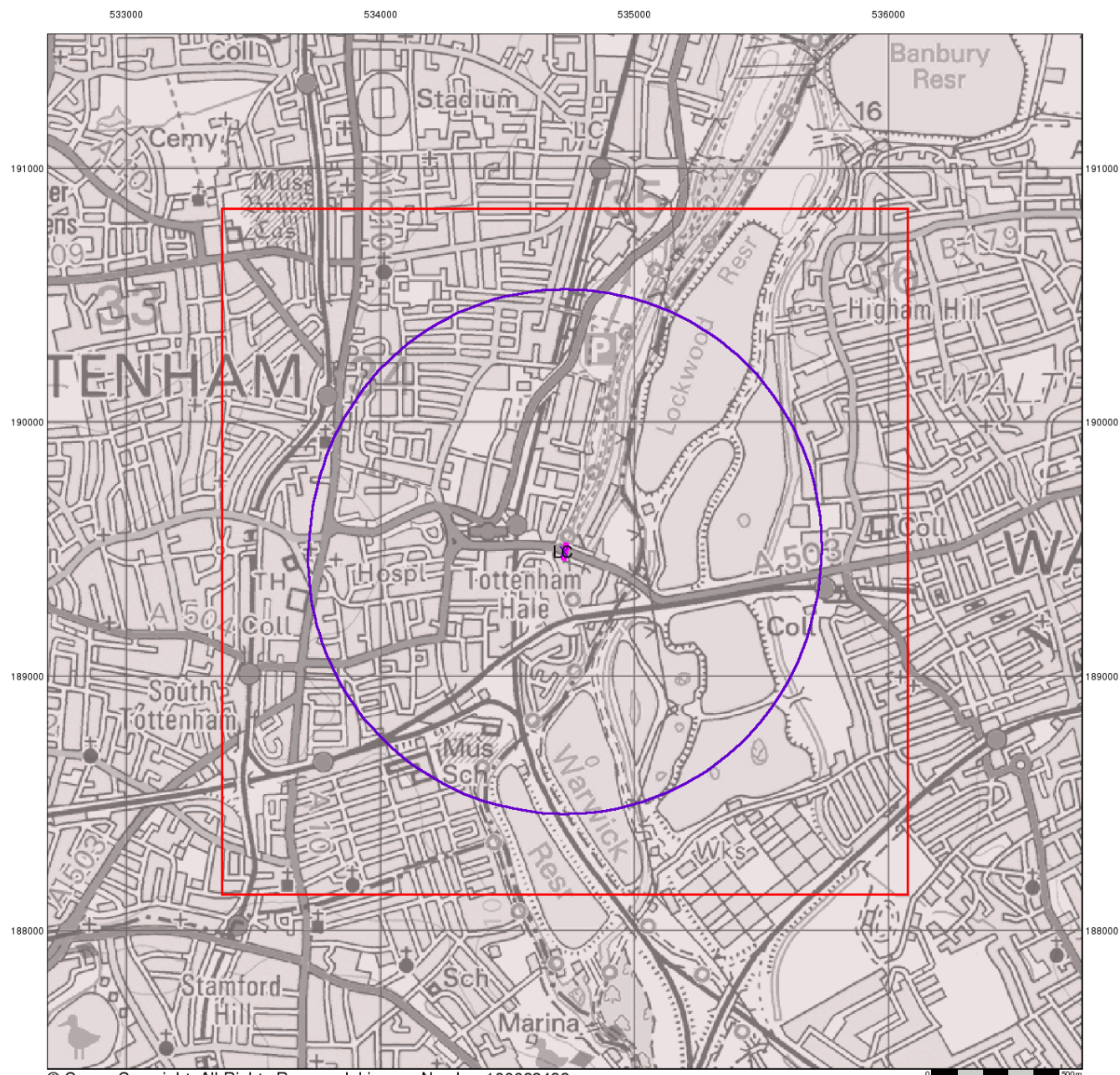




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Geo-Environmental

Bedrock and Faults

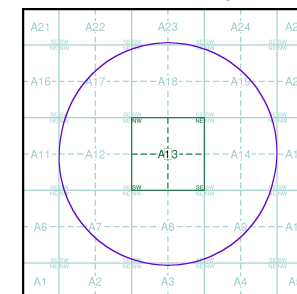
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice A



Order Details:

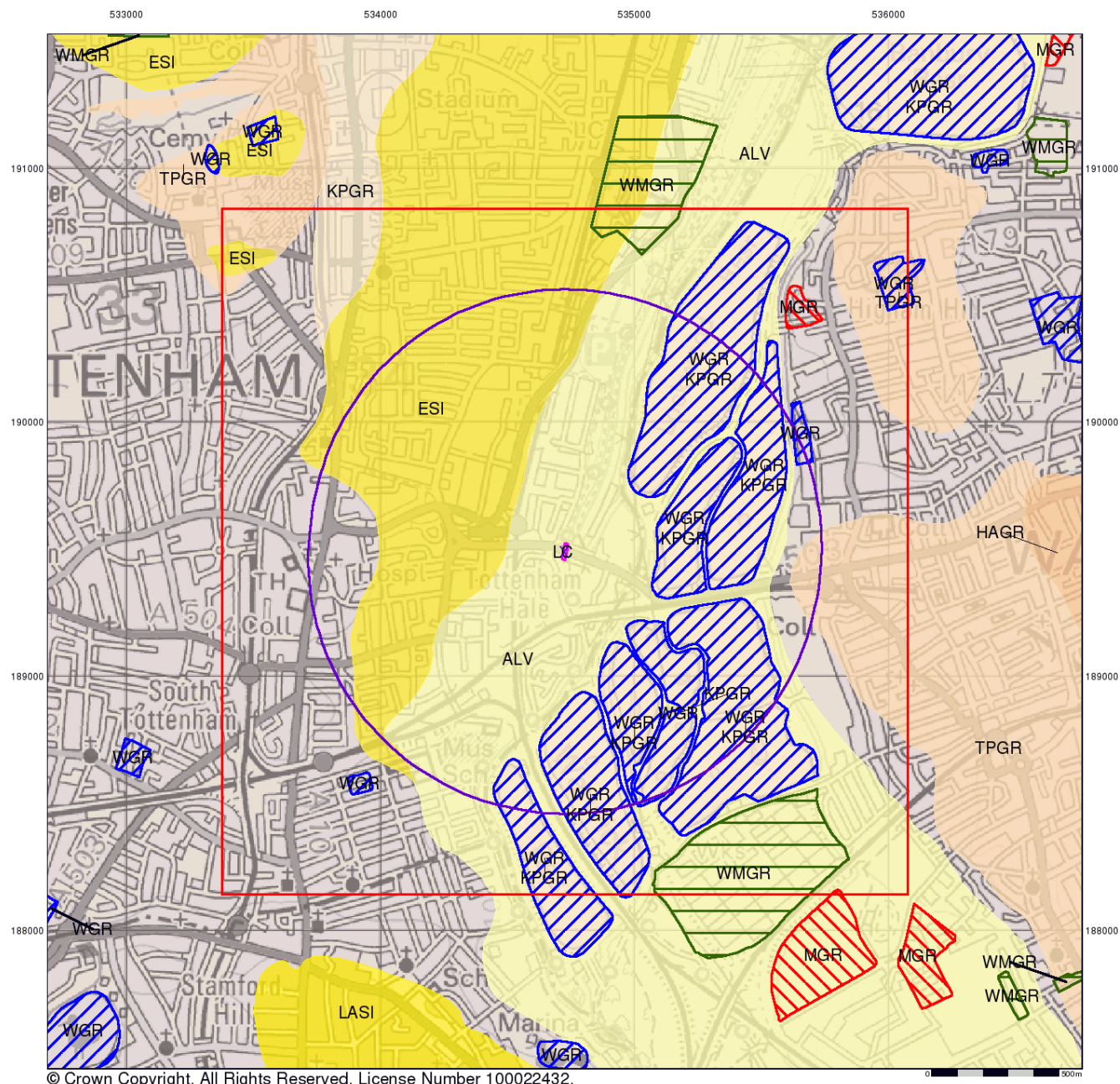
Order Number: 217568382_1_1
 Customer Reference: GE18350
 National Grid Reference: 534730, 189490
 Slice: A
 Site Area (Ha): 0.09
 Search Buffer (m): 1000

Site Details:

Lock Keepers Cottages, Ferry Lane, Tottenham, LONDON, N17 9NE

Landmark
 INFORMATION GROUP

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



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Geo-Environmental

Combined Surface Geology

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

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

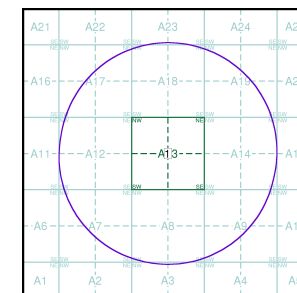
Additional Information

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

Contact

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

Combined Geology Map - Slice A



Order Details:

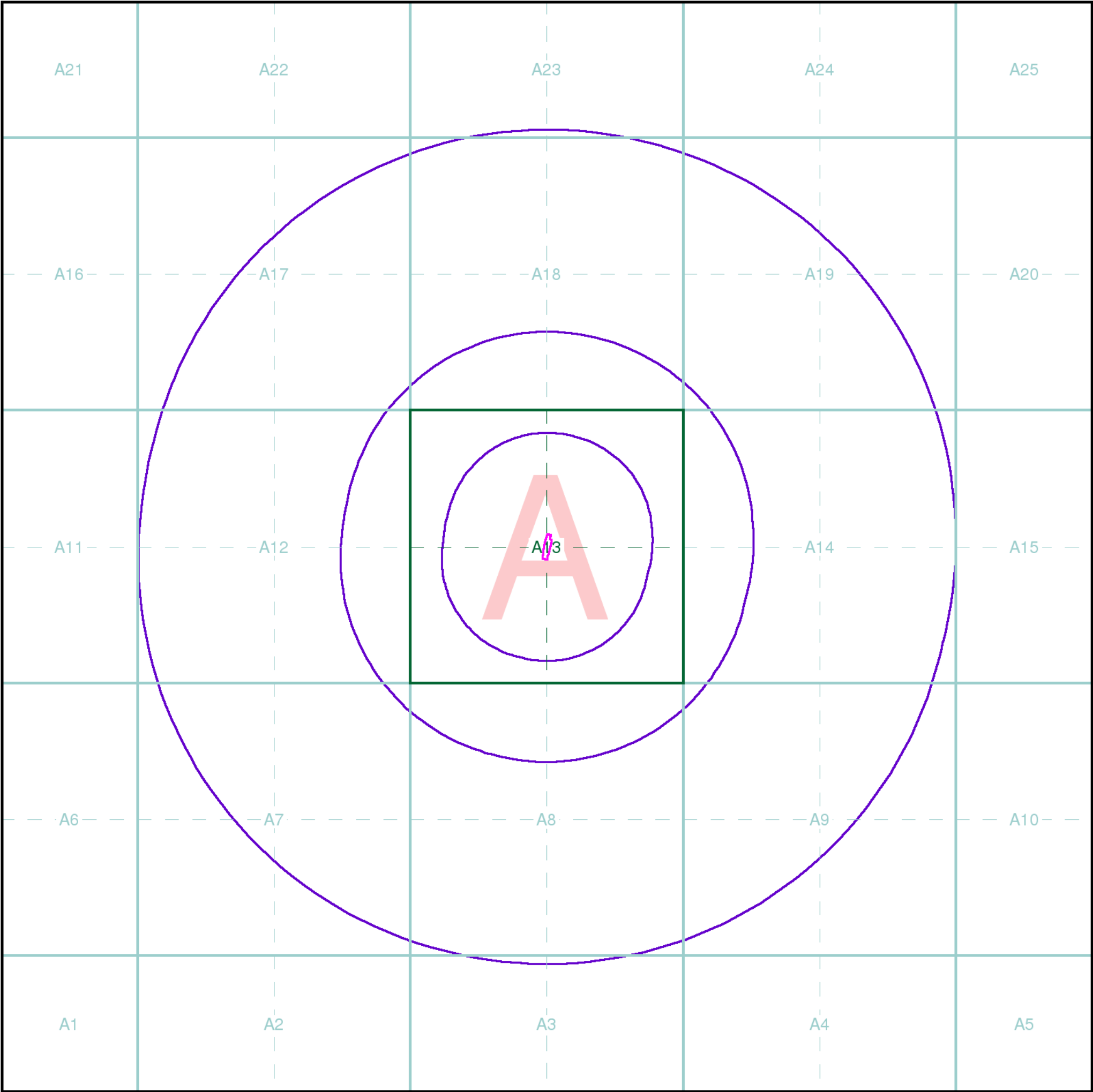
Order Number: 217568382_1_1
Customer Reference: GE18350
National Grid Reference: 534730, 189490
Slice: A
Site Area (Ha): 0.09
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Site Details:

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Geo-Environmental 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 A Potter, Geo Environmental Services Ltd, Unit 7
Danworth Farm, Cuckfield Road, Hurstpierpoint, West
Sussex, BN6 9GL

Order Details

Order Number: 217568382_1_1
Customer Ref: GE18350
National Grid Reference: 534730, 189490
Site Area (Ha): 0.09
Search Buffer (m): 1000

Site Details

Lock Keepers Cottages, Ferry Lane, Tottenham, LONDON,
N17 9NE

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



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



APPENDIX B

Site Walkover Photographs



Project No.	GE18350
Name	Lock Keepers Cottages
Client	Lee Valley Residential Ltd
Location	Ferry Lane, London, N17 9NE
Engineer	
 Jonathan Tingley	jonathan.tingley@gesl.net
Date	20/08/2019 10:58
Coordinates of Site	51° 35' 17.315" N 0° 3' 39.488" W
Project Manager	
 Katie Brayne	katie@gesl.net
 William Hughes	william.hughes@gesl.net
Features Noted	☐ Signs of Landslide ☐ Signs of Subsidence ☐ ASTs ☐ USTs ☒ Retaining walls ☒ Trees ☐ Hard/soft landscaping ☐ Hard Landscaping ☒ Soft Landscaping ☐ Evidence of Surface Staining ☐ Evidence of Buried Services ☐ Overhead Services ☐ Evidence of Filled Ground ☐ Stockpiles ☐ Evidence of Fly Tipping ☐ Evidence of ACMs ☐ Evidence of Vegetation Die Back ☐ Evidence of High Water Table ☐ Evidence of Dissolution Features ☐ Drums/Barrels ☐ Roof Materials ☒ Other
Current Site Use	Residential cottages
Approximate Site Area	0.07
Shape of Site	Rectangular
Topography	Flat and level
Description of Topography	
Was Internal Inspection Possible	No
Descriptions of any Buildings	

(1 record)

Building Photograph	1
Building Reference	
Description of Building	The existing building is a two-storey 1960s style structure of brick construction with some weatherboarding at first floor level. Two sheds were noted in the rear garden.
Location	51° 35' 16.958" N 0° 3' 23.72" W

(2 records)

Photograph



Photograph(s)

Photograph Title Southern side of property

Photograph



Photograph Title Northern side of property no obvious signs of structural distress

Retaining Wall

(1 record)

Retaining Wall	1
Description	View north along canalised river flowing north-south on the western side of the site.
Photo(s)	



Trees

(3 records)

Trees	1
Description	Several semi-mature deciduous trees noted on the southern boundary of the garden area
Photo	
Trees	2
Description	Evergreen tree on eastern side of property
Photo	



Trees	3
Description	Mature willow on northern side of property
Photo	

Soft Landscaping

(1 record)

Soft Landscaping	1
Description	The garden is laid to lawn with flower beds and borders and shrubs
Photo(s)	



Other

(12 records)

Other	1
Description	Access to toewpath ramp
Photo(s)	A photograph of a paved path leading to a ramp, with a building in the background.

Other	2
Description	Access ramp to tow path
Photo(s)	A photograph of a ramp leading to a tow path, with a building in the background.

Other	3
Description	Access to southern side of cottages
Photo(s)	
Other	4
Description	Lock on eastern side of site
Photo(s)	
Other	5
Description	Garden on northern side of property
Photo(s)	



Other

6

Description

Land to the north of the property. A tent was noted possibly with someone rough sleeping.

Photo(s)



Other

7

Description

View south along tow path with property to the west

Photo(s)



Other

8

Description View of construction site to the east

Photo(s)



Other 9

Description Access gate into site

Photo(s)



Other 10

Description View of residential development to the west of the site

Photo(s)



Other	11
Description	View from the north looking towards the south
Photo(s)	
Other	12
Description	Due south of the site along the canal
Photo(s)	

Photo(s) of Marked Up Site Plan(s)

(0 records)

Approved By

 Veronica Bennett veronica.bennett@gesl.net

Photographs

(0 records)