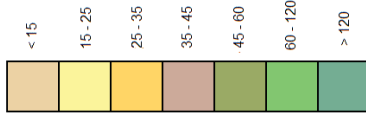


General

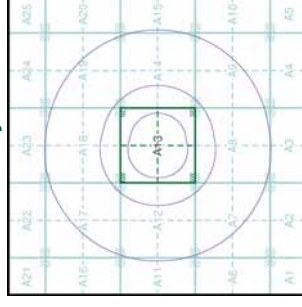
Specified Site  Specified Buffer(s)  Bearing Reference Point 

Urban Soil Chemistry Arsenic

● BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)
Arsenic Concentrations mg/kg



Urban Soil Chemistry Arsenic - Slice A

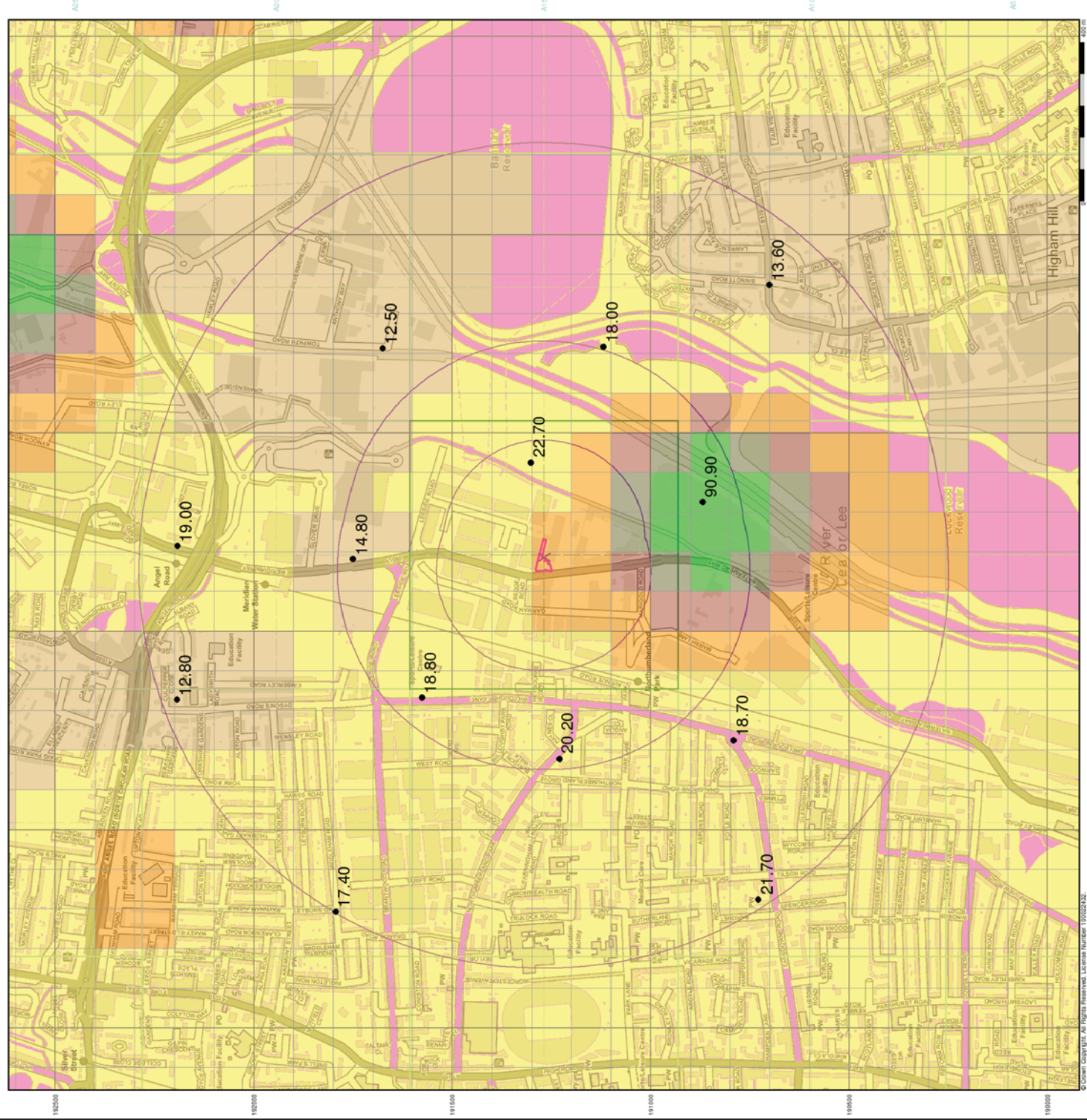


Order Details

Order Details: 274161488_1_1
Customer Ref: 12822/LP
National Grid Reference: 535190, 191270
Slice: A
Site Area (Ha): 0.13
Search Buffer (m): 1000

Site Details

Electricity Distribution Unit, Watermead Way, London, N17 0UL



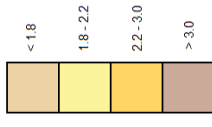
General

Specified Site Specified Buffer(s) Bearing Reference Point

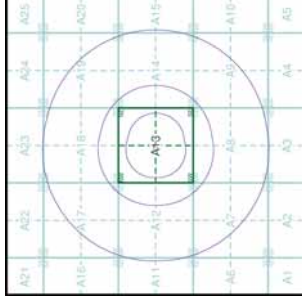
Urban Soil Chemistry Cadmium

BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)

Cadmium Concentrations mg/kg



Urban Soil Chemistry Cadmium - Slice A

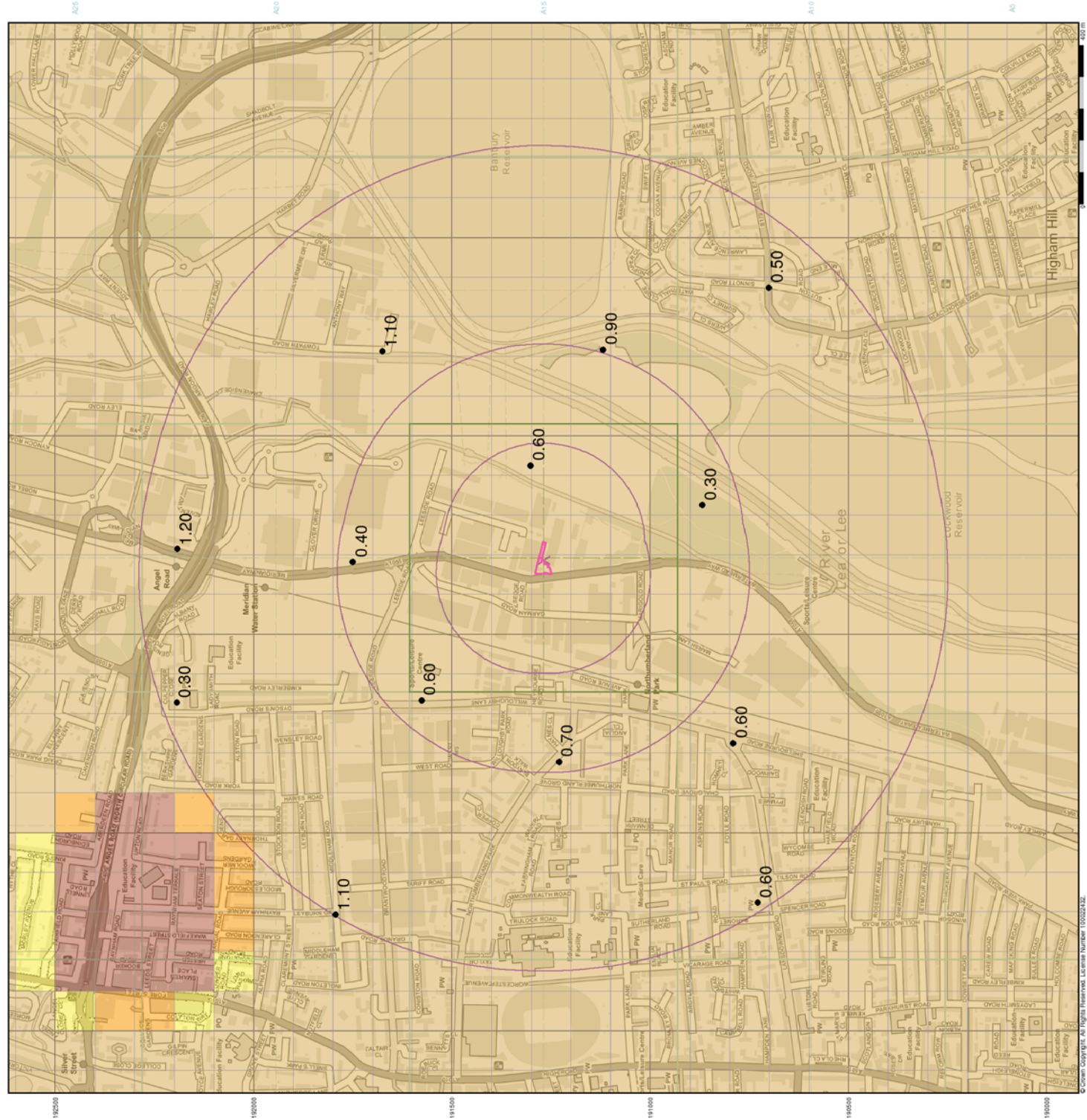


Order Details

Order Details: 274161488_1_1
Customer Ref: 12822/LP
National Grid Reference: 535190, 191270
Site: A
Site Area (Ha): 0.13
Search Buffer (m): 1000

Site Details

Electricity Distribution Unit, Watermead Way, London, N17 0UL



General

Specified Site Bearing Reference Point

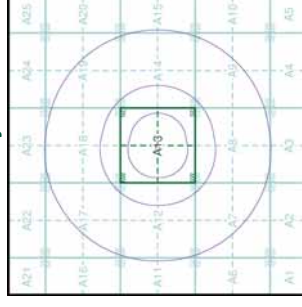
Specified Buffer(s)

Urban Soil Chemistry Chromium

BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)
Chromium Concentrations mg/kg



Urban Soil Chemistry Chromium - Slice A

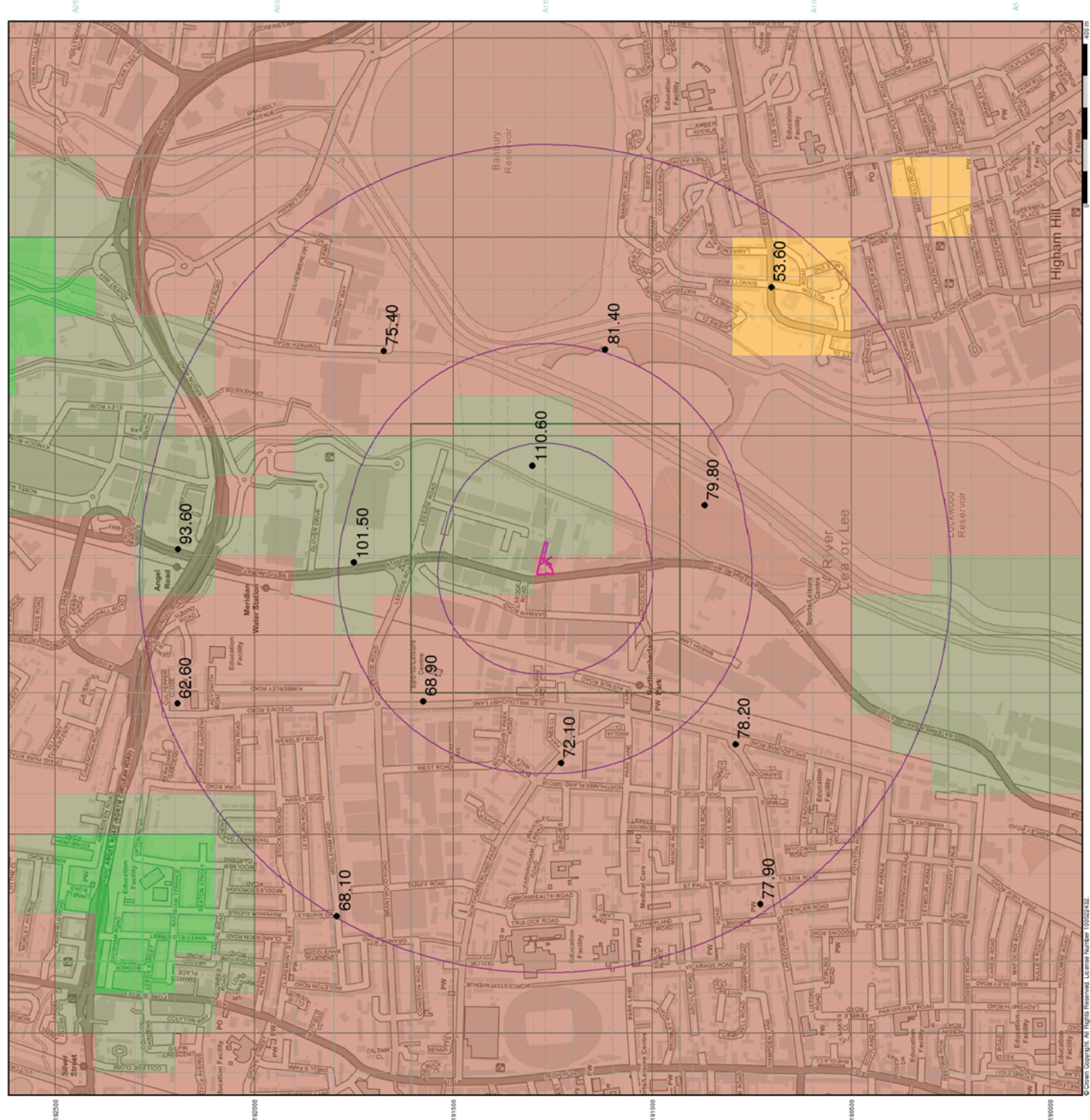


Order Details

Order Details: 274161488_1_1
Customer Ref: 12822/LP
National Grid Reference: 535190, 191270
Site: A
Site Area (Ha): 0.13
Search Buffer (m): 1000

Site Details

Electricity Distribution Unit, Watermead Way, London, N17 0UL

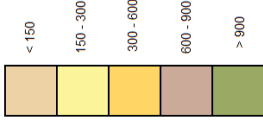


General

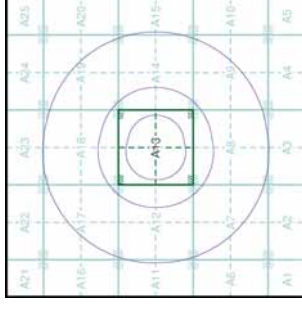
Specified Site Specified Buffer(s) Bearing Reference Point

Urban Soil Chemistry Lead

BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)
Lead Concentrations mg/kg



Urban Soil Chemistry Lead - Slice A

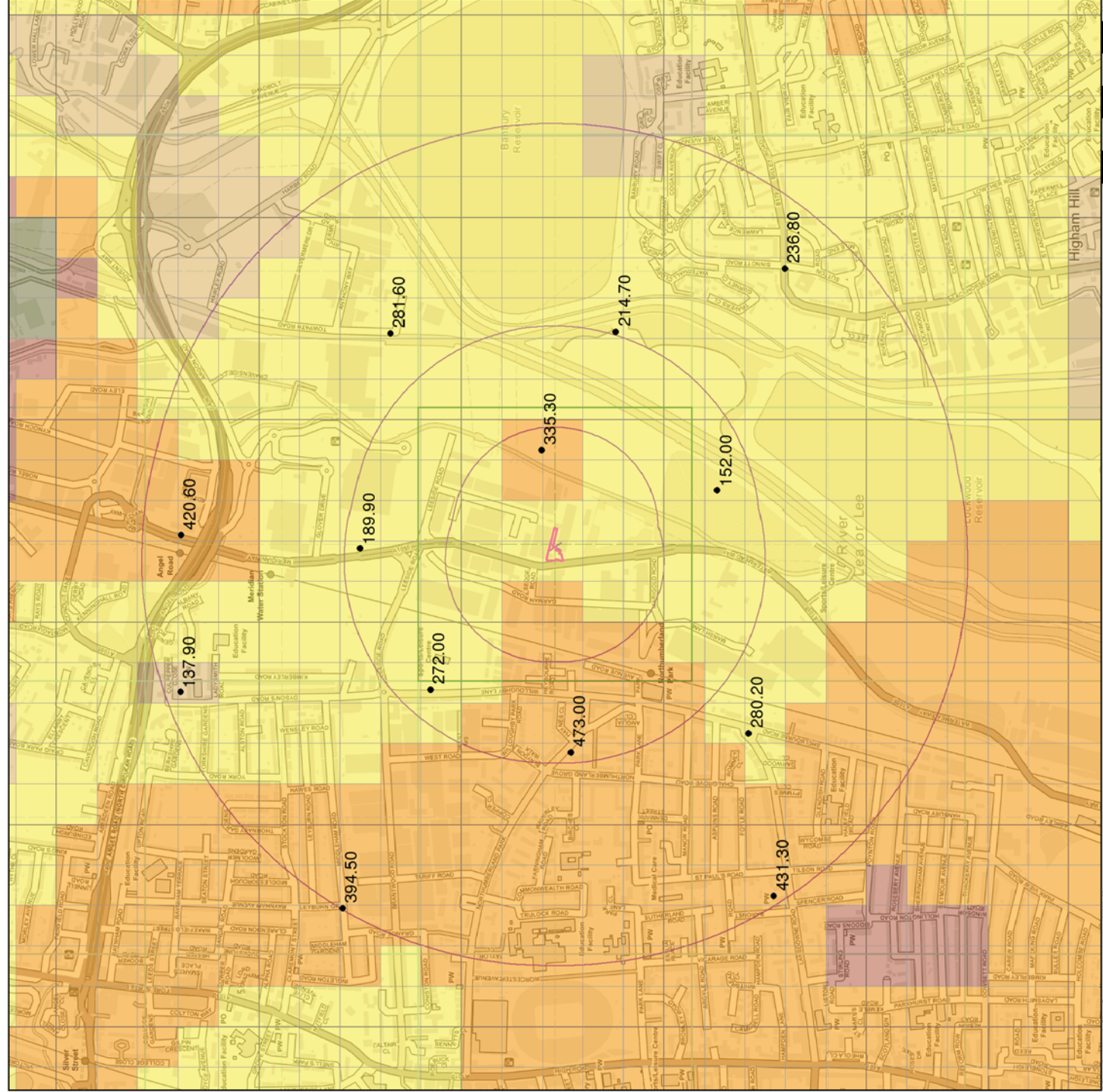


Order Details

Order Details: 274161488_1_1
Customer Ref: 12822/LP
National Grid Reference: 535190, 191270
Site: A
Site Area (Ha): 0.13
Search Buffer (m): 1000

Site Details

Electricity Distribution Unit, Watermead Way, London, N17 0UL

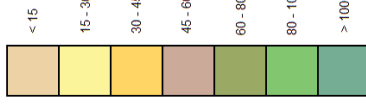


General

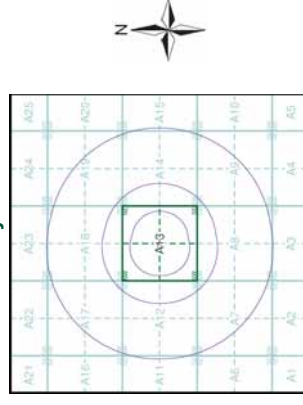
Specified Site Bearing Reference Point

Urban Soil Chemistry Nickel

BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)
Nickel Concentrations mg/kg



Urban Soil Chemistry Nickel - Slice A

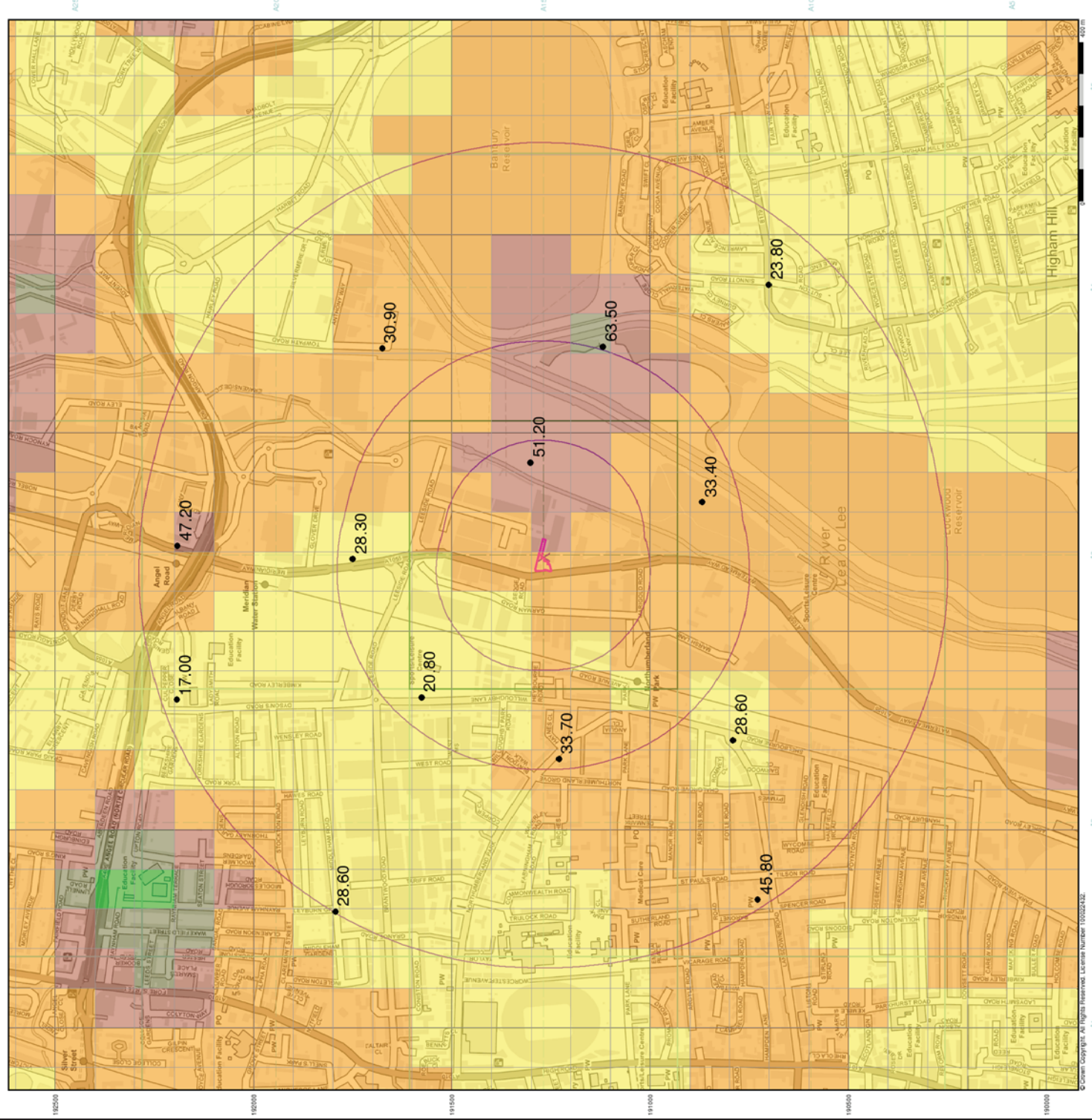


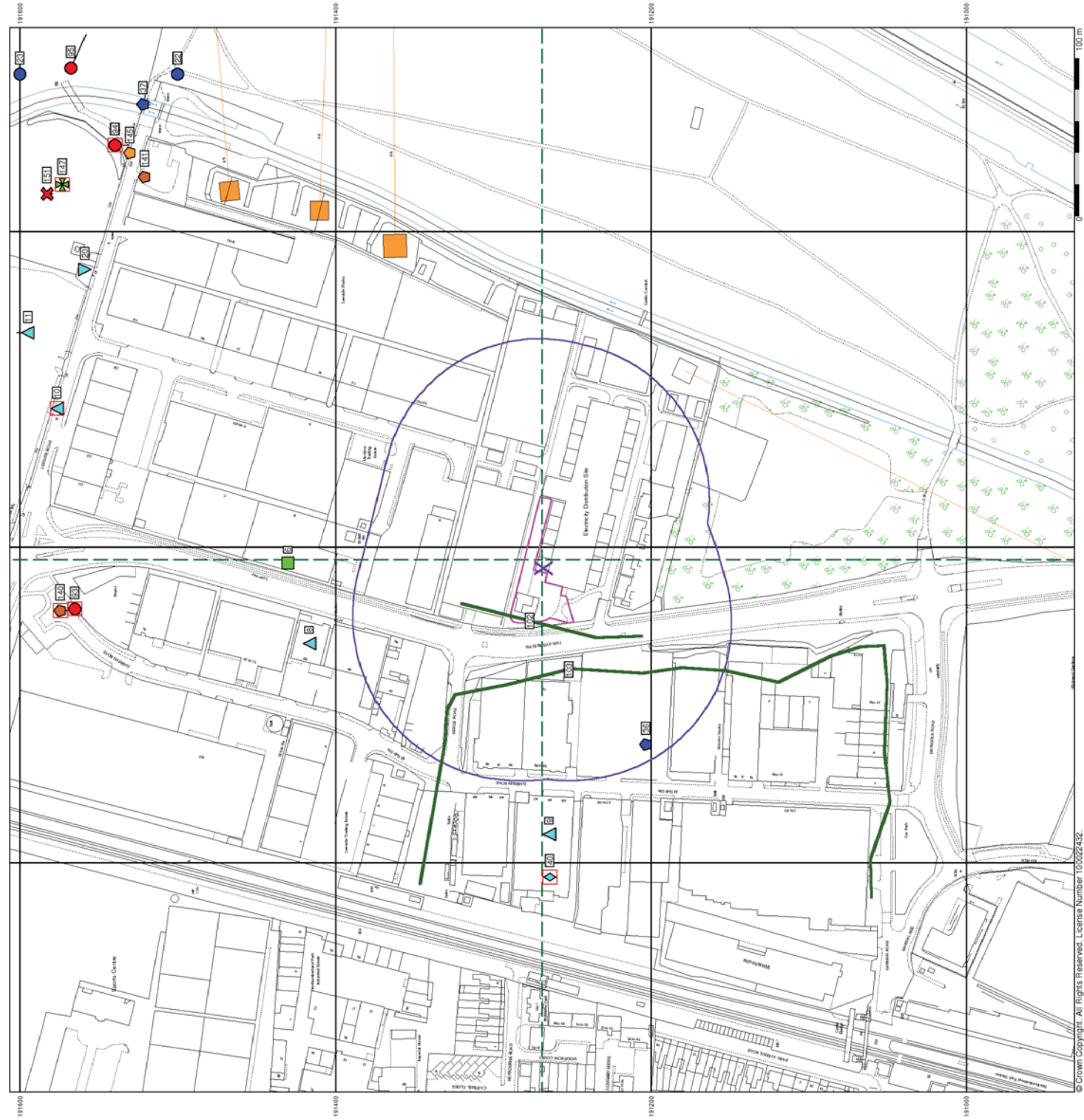
Order Details

Order Details: 274161488_1_1
Customer Ref: 12822/LP
National Grid Reference: 535190, 191270
Site: A
Site Area (Ha): 0.13
Search Buffer (m): 1000

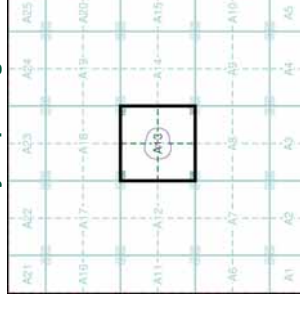
Site Details

Electricity Distribution Unit, Watermead Way, London, N17 0UL





Site Sensitivity Map - Segment A13



Order Details

Order Details

Order Number:	274161488_1_1
Customer Ref:	12822/LP
National Grid Reference:	535190, 191270
Slice:	A
Site Area (Ha):	0.13
Plot Buffer (m):	100

Site Details

Site Details
Electricity Distribution Unit, Watermead Way, London, N17 0UL

Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WMGR	Infilled Ground	Artificial Deposit	Not Supplied - Holocene
	WGR	Worked Ground (Undivided)	Void	Not Supplied - Holocene
	MGR	Made Ground (Undivided)	Artificial Deposit	Not Supplied - Holocene
	LSGR	Landslipped Ground (Undivided)	Artificially Modified Ground	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
	ALV	Alluvium	Clay, Silt, Sand And Peat	Not Supplied - Holocene
	ESI	Enfield Silt Member	Clay and Silt	Not Supplied - Devensian
	KPGR	KEMPTON PARK GRAVEL MEMBER	Sand and Gravel	Not Supplied - Devensian
	TPGR	TAPLOW GRAVEL MEMBER	Sand and Gravel	Not Supplied - Wolstonian
	HAGR	Hackney Gravel Member	Sand and Gravel	Not Supplied - Wolstonian

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

Geology 1:50,000 Maps

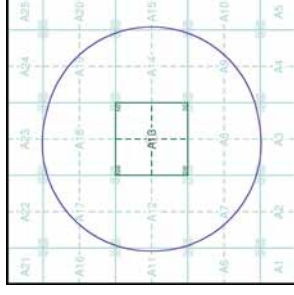
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published 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:	1256
Map Sheet No:	256
Map Sheet:	North London
Map Date:	2008
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Available
Faults:	Not Supplied
Landslip:	Available
Rock Segments:	Not Supplied

Geology 1:50,000 Maps - Slice A



Order Details:

Order Number: 274161488_1_1
Customer Reference: 12822/LP_
National Grid Reference: 535190, 191270
Slice: A
Site Area (Ha): 0.13
Search Buffer (m): 1000

Site Details:

Electricity Distribution Unit, Watermead Way, London, N17 0UL

Artificial Ground and Landslip

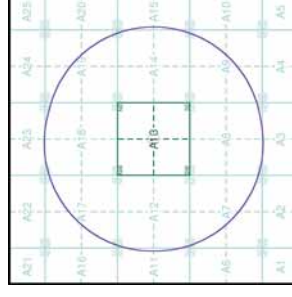
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions 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.
- In-filled ground - areas where the ground has been cut away then wholly or partially backfilled.
- Landslipped 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 founded strata, where the ground has collapsed due to subsidence.

Artificial Ground and Landslip Map - Slice A

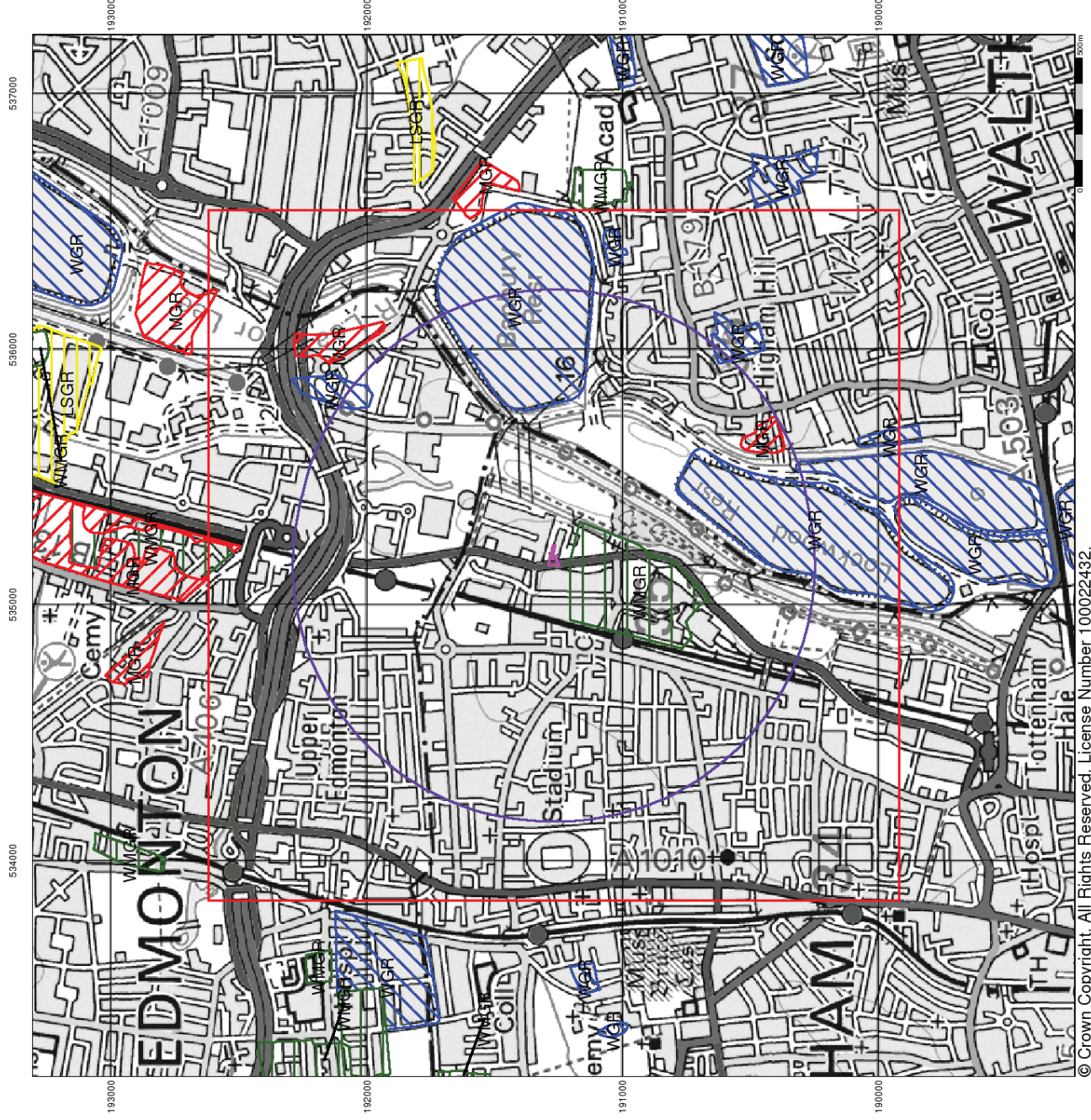


Order Details:

Order Number: 274161488_1_1
Customer Reference: 12822/LP_
National Grid Reference: 535190, 191270
Slice: A
Site Area (Ha): 0.13
Search Buffer (m): 1000

Site Details:

Electricity Distribution Unit, Watermead Way, London, N17 0UL



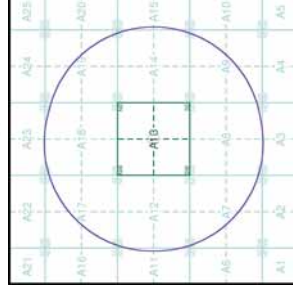
Superficial Geology

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

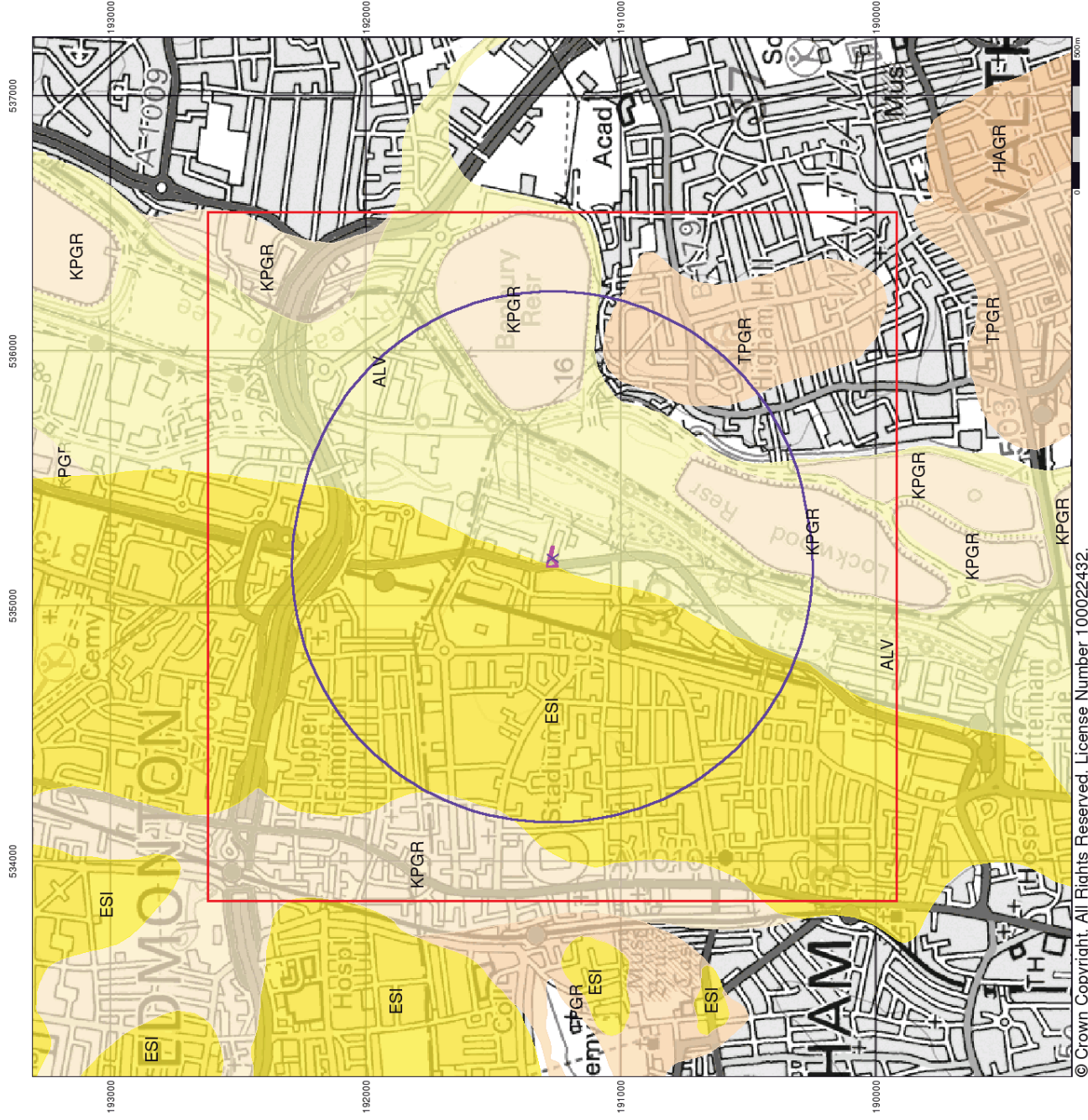


Order Details:

Order Number: 274161488_1_1
Customer Reference: 12822/LP
National Grid Reference: 535190, 191270
Slice: A
Site Area (Ha): 0.13
Search Buffer (m): 1000

Site Details:

Electricity Distribution Unit, Watermead Way, London, N17 0UL



Bedrock and Faults

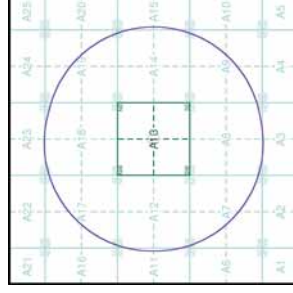
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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: 274161488_1_1
Customer Reference: 12822/LP
National Grid Reference: 535190, 191270
Slice: A
Site Area (Ha): 0.13
Search Buffer (m): 1000

Site Details:

Electricity Distribution Unit, Watermead Way, London, N17 0UL

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.

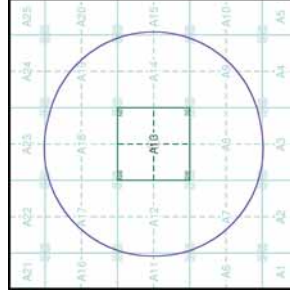
Additional Information

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: 274161488_1_1
Customer Reference: 12822/LP_
National Grid Reference: 535190, 191270
Slice: A
Site Area (Ha): 0.13
Search Buffer (m): 1000

Site Details:

Electricity Distribution Unit, Watermead Way, London, N17 0UL

