



General

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

A Enforcement or Prohibition Notice A Integrated Pollution Control

Integrated Pollution Prevention Control Local Authority Integrated Pollution Prevention and Control

▲ Local Authority Pollution Prevention and Control 📕 Local Authority Recorded Landfill Site (Location) Local Authority Pollution Prevention and Control Enforcement

Pollution Incident to Controlled Waters

▼ Prosecution Relating to Authorised Processes ► Registered Landfill Site (Location)

Prosecution Relating to Controlled Waters

A Registered Radioactive Substance River Network or Water Feature

River Quality Sampling Point

Substantiated Pollution Incident Register

Vvater 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

Registered Landfill Site

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

Registered Waste Treatment or Disposal Site

Hazardous Substances

COMAH Site

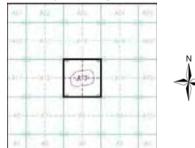
Kara Explosive Site

NIHHS Site

Planning Hazardous Substance Consent

Planning Hazardous Substance Enforcement

Site Sensitivity Map - Segment A13



Order Details

Order Number: 52120584 1 1 Customer Ref: UK13.1429 National Grid Reference: 538130, 191540 Slice:

Site Area (Ha): 1.13

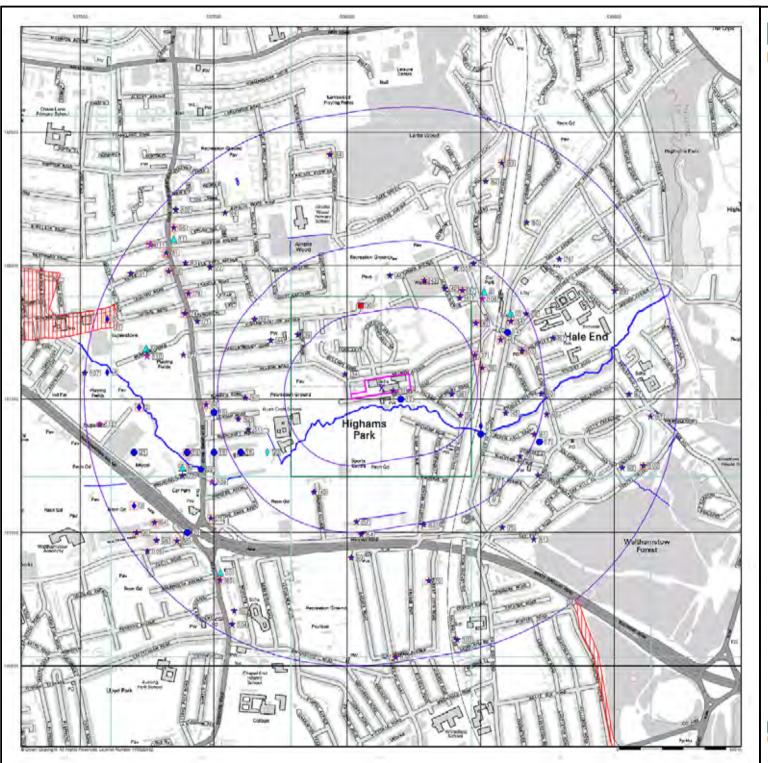
Site Details

Site at 538160, 191560



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A Landmark Information Group Service v47.0 07-Jan-2014 Page 1 of 1





General

Specified Site Specified Buffer(s) X Bearing Reference Point 8 Map ID

Several of Type at Location

Agency and Hydrological

Discharge Consent A Enforcement or Prohibition Notice

A Integrated Pollution Control

Integrated Pollution Prevention Control Local Authority Integrated Pollution Prevention and Control

▲ Local Authority Pollution Prevention and Control 📕 Local Authority Recorded Landfill Site (Location) Control Enforcement

Pollution Incident to Controlled Waters

Prosecution Relating to Controlled Waters

A 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

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Registered Landfill Site

▼ Prosecution Relating to Authorised Processes ► 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

Registered Waste Treatment or Disposal Site

Hazardous Substances

COMAH Site

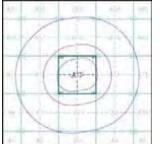
Karania Explosive Site

NIHHS Site

Planning Hazardous Substance Consent

Planning Hazardous Substance Enforcement

Site Sensitivity Map - Slice A





Order Details

Order Number: 52120584 1 1 Customer Ref: UK13.1429 National Grid Reference: 538130, 191540

Slice: Site Area (Ha): Search Buffer (m): 1.13 1000

Site Details Site at 538160, 191560



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Phase I Geo-Environmental Assessment Report Selwyn Primary School EPS Ref: UK13.1429



APPENDIX C

Geological Context

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	Holocene - Holocene
	LSGR	Landscaped Ground (Undivided)	Unknown/Unclassif ied Entry	Holocene - Holocene
Z	MGR	Made Ground (Undivided)	Artificial Deposit	Holocene - Holocene
	WMGR	Infilled Ground	Artificial Deposit	Present Day - Present Day

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Flandrian - Flandrian
	KPGR	Kempton Park Gravel Formation	Sand and Gravel	Devensian - Devensian
	TPGR	Taplow Gravel Formation	Sand and Gravel	Wolstonian - Wolstonian
	HAGR	Hackney Gravel Member	Sand and Gravel	Wolstonian - Wolstonian
	BHT	Boyn Hill Gravel Member	Sand and Gravel	Wolstonian - Hoxnian
	WOGR	Woodford Gravel Formation	Sand and Gravel	Anglian - Cromerian

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	LC	London Clay Formation	Clay, Silt and Sand	Eocene - Eocene



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:
 256

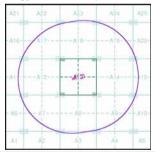
 Map Name:
 North London

 Map Date:
 2006

 Bedrock Geology:
 Available

Bedrock Geology: Available
Superficial Geology: Available
Artificial Geology: Available
Faults: Not Available
Landslip: Available
Rock Segments: Not Available

Geology 1:50,000 Maps - Slice A





Order Details:

Order Number: 52120584_1_1
Customer Reference: Uk13,1429
National Grid Reference: 538130, 191540
Slice: 4

Site Area (Ha): 1.13 Search Buffer (m): 1000

Site Details:

Site at 538160, 191560



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Artificial Ground and Landslip

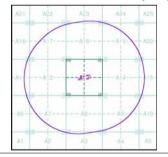
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Customer Reference:
National Grid Reference:
Slice:

538130, 191540 A 1.13 1000

52120584_1_1 UK13.1429

Site Area (Ha): Search Buffer (m):

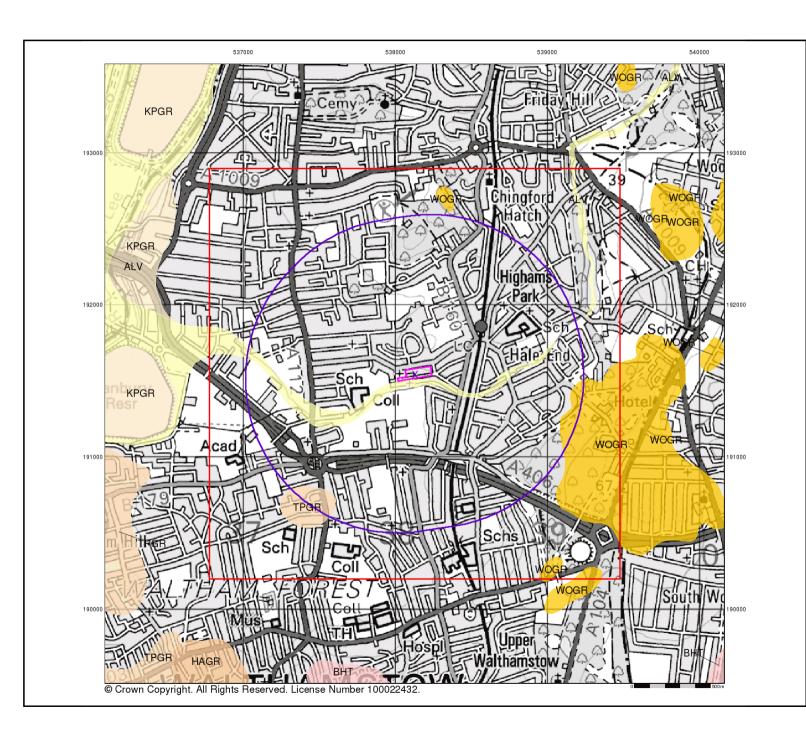
Site Details:

Site at 538160, 191560



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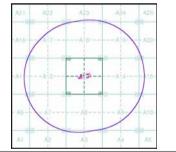
Superficial Geology

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: Customer Reference: National Grid Reference: Slice: Site Area (Ha): Search Buffer (m):

A 1.13 1000

Site Details:

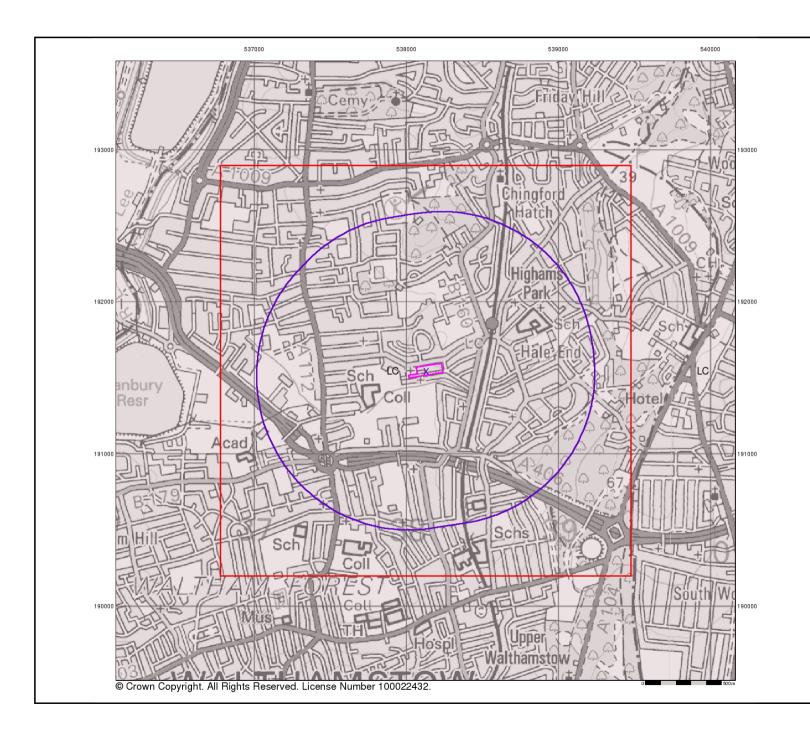
Site at 538160, 191560



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Bedrock and Faults

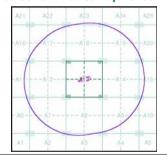
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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 lader, 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: Customer Reference: National Grid Reference: Slice: 52120584_1_1 UK13.1429 538130, 191540 A 1.13 1000

Site Area (Ha): Search Buffer (m):

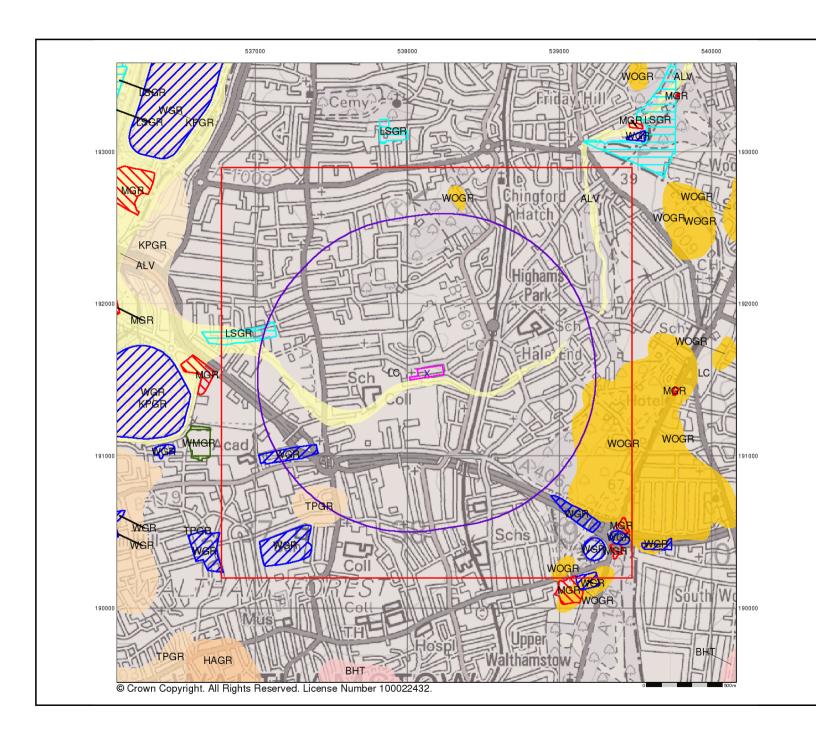
Site Details:

Site at 538160, 191560



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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.

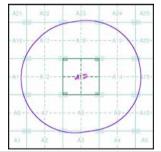
Additional Information

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: Customer Reference: National Grid Reference: Slice: Site Area (Ha): Search Buffer (m):

1.13 (m): 1000

Site Details: Site at 538160, 191560

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