

Geology 1:10,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WGR	Worked Ground (Undivided)	Open Waste	Present Day - Present Day
	DDGR	Disturbed Ground (Undivided)	Unknown Lithology	Present Day - Present Day
	LSGR	Landscaped Ground (Undivided)	Unknown Lithology	Present Day - Present Day
	MGR	Made Ground (Undivided)	Made Ground (Composition Unspecified)	Present Day - Present Day
	SLIP	Landslide	Unknown Lithology	Quaternary - Quaternary

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	HEAD	Head (Undifferentiated)	Diamicton	Quaternary - Quaternary
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Quaternary - Quaternary
	HYHD	Harby Head	Diamicton	Devensian - Devensian
	LRHD	Langar Head	Diamicton	Devensian - Devensian
	ODTL	Oadby Member (Lias-Rich)	Diamicton	Anglian - Anglian
	GFDUA	Glaciofluvial Deposits, Anglian	Sand and Gravel	Anglian - Anglian
	ODT	Oadby Member	Diamicton	Anglian - Anglian

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	FFML	Fen Farm Limestones Bed	Limestone	Sinemurian - Sinemurian
	BKHM	Beckingham Member	Mudstone and Limestone, Interbedded	Sinemurian - Sinemurian
	BKML	Blackmires Limestone	Limestone	Sinemurian - Sinemurian
	HFFL	Highfield Farm Limestones Bed	Limestone	Sinemurian - Sinemurian
	FNTL	Fenton Limestone Bed	Limestone	Sinemurian - Sinemurian
	FSTL	Foston Member	Mudstone and Limestone, Interbedded	Sinemurian - Sinemurian
	FSTL	Foston Member	Mudstone with Phosphate-Mudstone	Sinemurian - Sinemurian
	BKHM	Beckingham Member	Mudstone with Phosphate-Mudstone	Sinemurian - Sinemurian
	MLLL	Mill Lane Limestones Bed	Calcareous Mudstone	Sinemurian - Sinemurian

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	STBL	Stubton Limestones Bed	Limestone	Sinemurian - Sinemurian
	DDDN	Dry Doddington Nodule Bed	Calcareous Mudstone	Sinemurian - Sinemurian
	LGFL	Lodge Farm Limestones Bed	Limestone	Sinemurian - Sinemurian
	LTGL	Littlegate Limestones Bed	Limestone	Sinemurian - Sinemurian
	LCHL	Lincoln Hill Limestone Bed	Limestone	Sinemurian - Sinemurian
	SGGL	Stragglethorpe Grange Limestone Bed	Limestone	Sinemurian - Sinemurian
	MLLL	Mill Lane Limestones Bed	Limestone	Sinemurian - Sinemurian
	BRNS	Brandon Sandstone Bed	Sandstone	Sinemurian - Sinemurian
	CHAM	Charmouth Mudstone Formation	Mudstone and Ironstone	Pliensbachian - Sinemurian
	CHAM	Charmouth Mudstone Formation	Mudstone	Pliensbachian - Sinemurian
	GLBF	Glebe Farm Bed	Mudstone and Ironstone	Sinemurian - Sinemurian
	GRBL	Granby Member	Mudstone and Limestone, Interbedded	Sinemurian - Hettangian
	CLPL	Claypole Limestones Bed	Limestone	Hettangian - Hettangian
	CSLL	Cross Lane Limestones Bed	Limestone	Hettangian - Hettangian
	Fault			

Geology 1:10,000 Maps

This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:10,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around a site. This mapping may be more up to date than previously published paper maps.

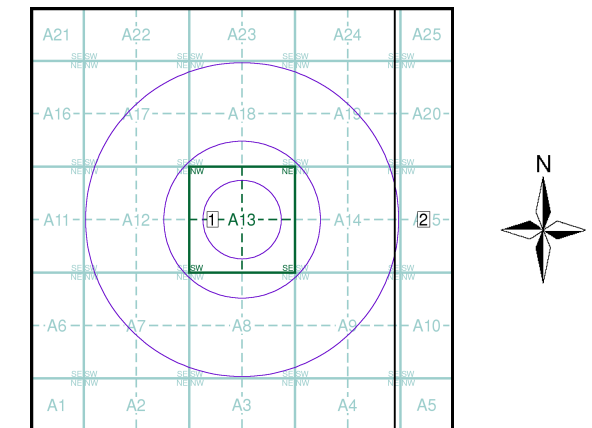
The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page.

Please Note: Not all of the layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:10,000 Maps Coverage

Map ID:	1	Map ID:	2
Map Name:	SK62NE	Map Name:	SK72NW
Map Date:	1998	Map Date:	1999
Bedrock Geology:	Available	Bedrock Geology:	Available
Superficial Geology:	Available	Superficial Geology:	Available
Artificial Geology:	Available	Artificial Geology:	Available
Faults:	Available	Faults:	Available
Landslip:	Available	Landslip:	Available
Rock Segments:	Not Available	Rock Segments:	Not Available

Geology 1:10,000 Maps - Slice A



Order Details

Order Number: 28039906_1_1
 Customer Ref: Geology 1:10,000 Maps sample
 National Grid Reference: 469020, 327630
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Site at 469040, 327640

Artificial Ground and Landslip

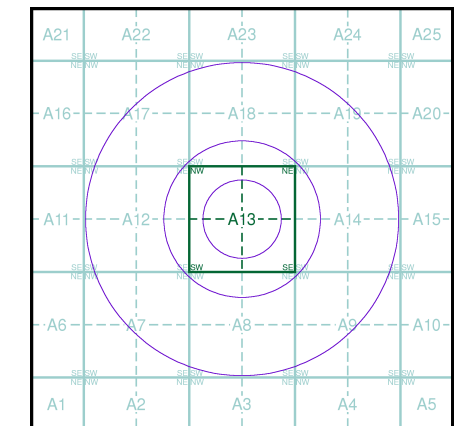
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

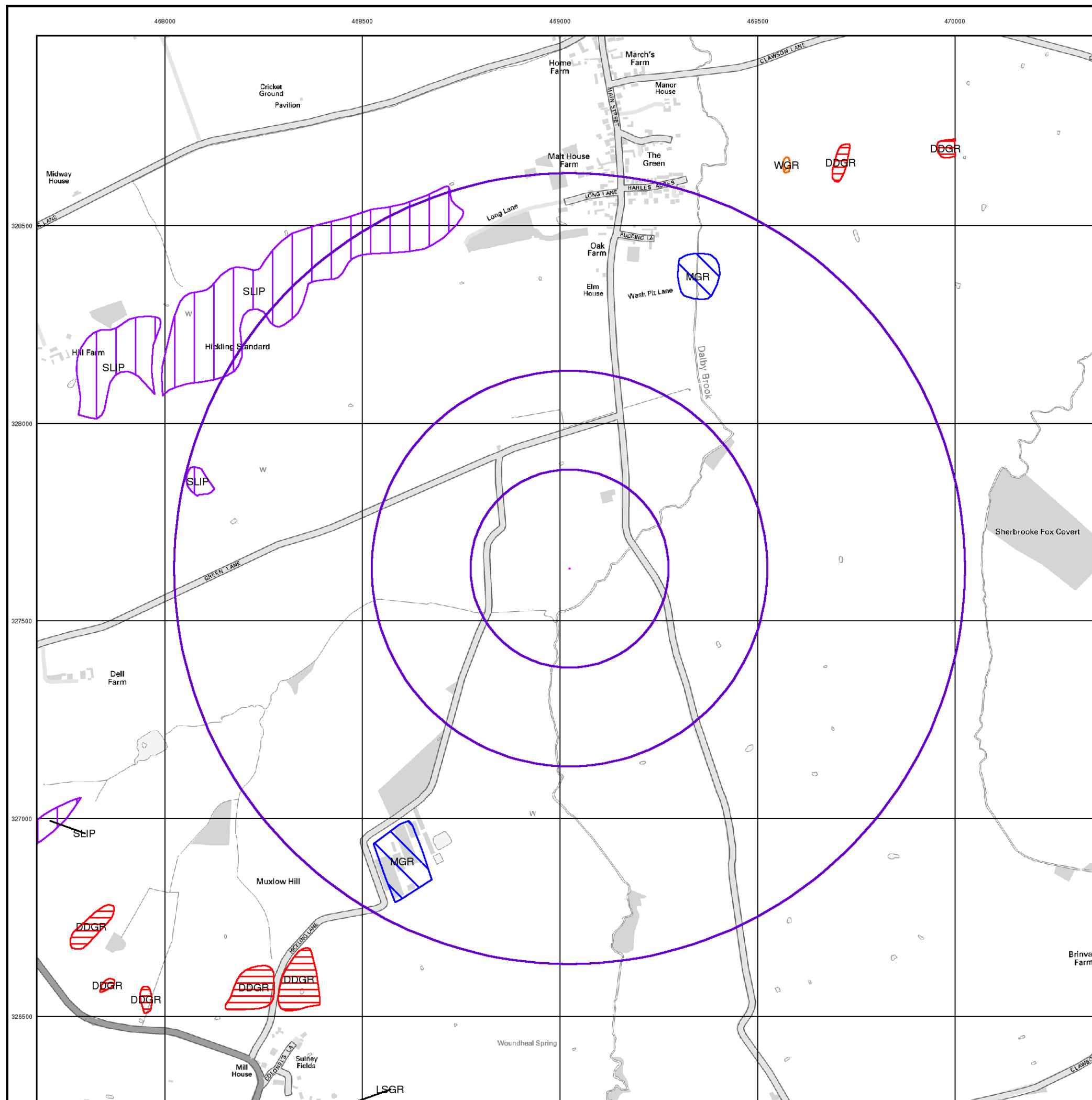


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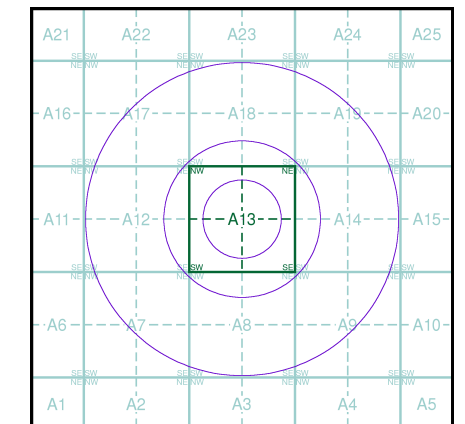
Superficial Geology

BGS 1:10,000 Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, 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

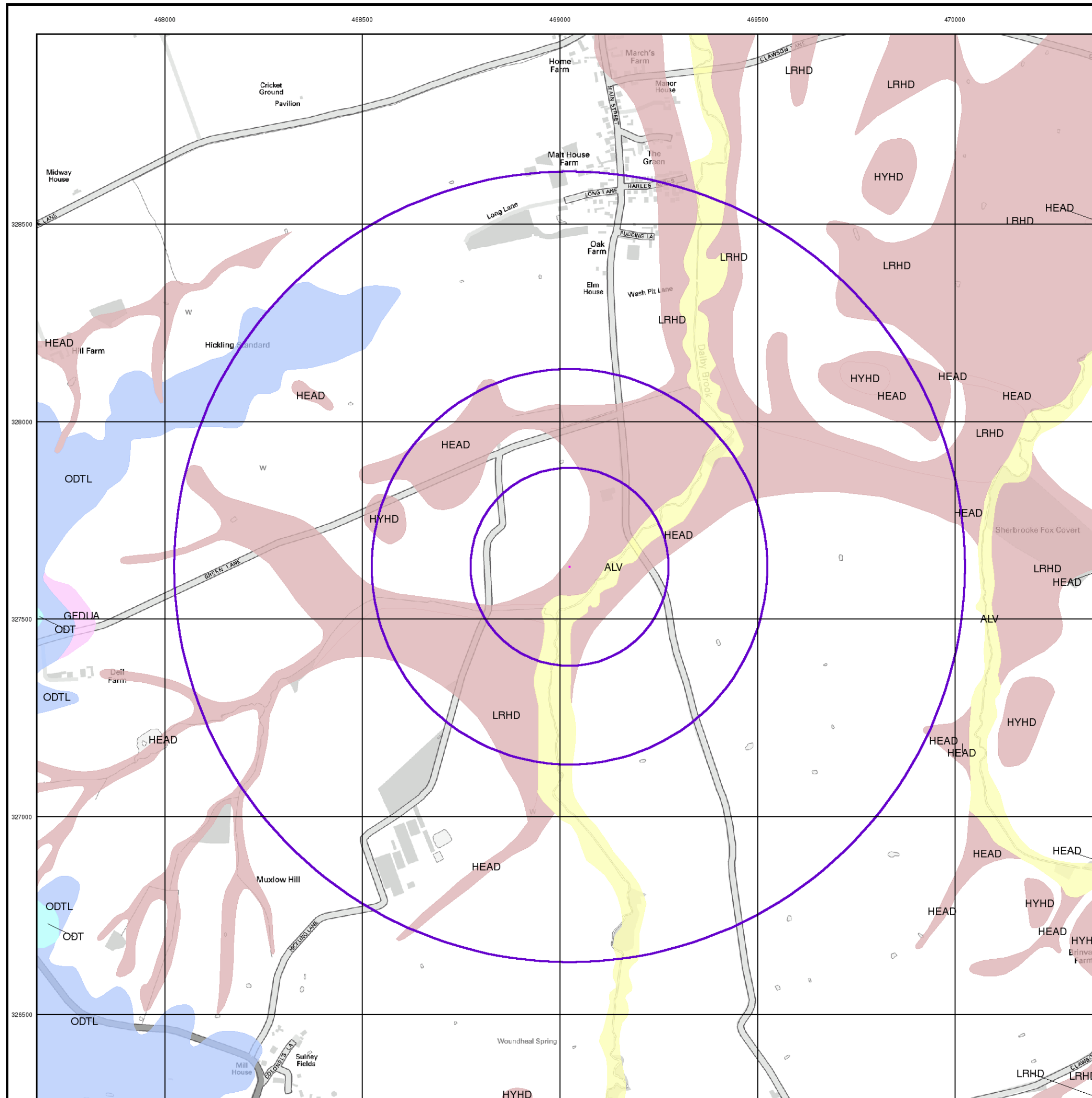


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Bedrock and Faults

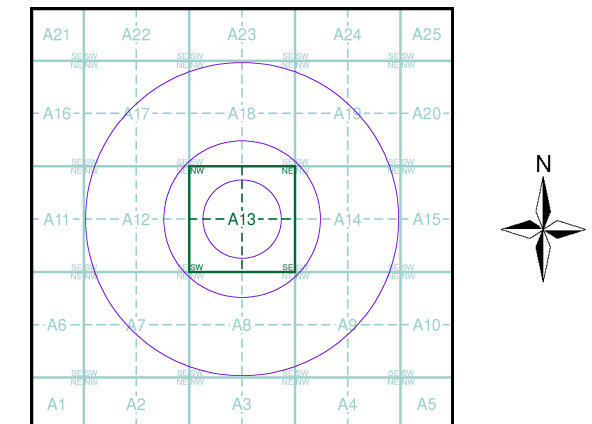
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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 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 and thin beds mapped as lines such as coal seams and mineral veins. These are not restricted by age and could relate to features of any of the 1:10,000 geology datasets.

Bedrock and Faults Map - Slice A

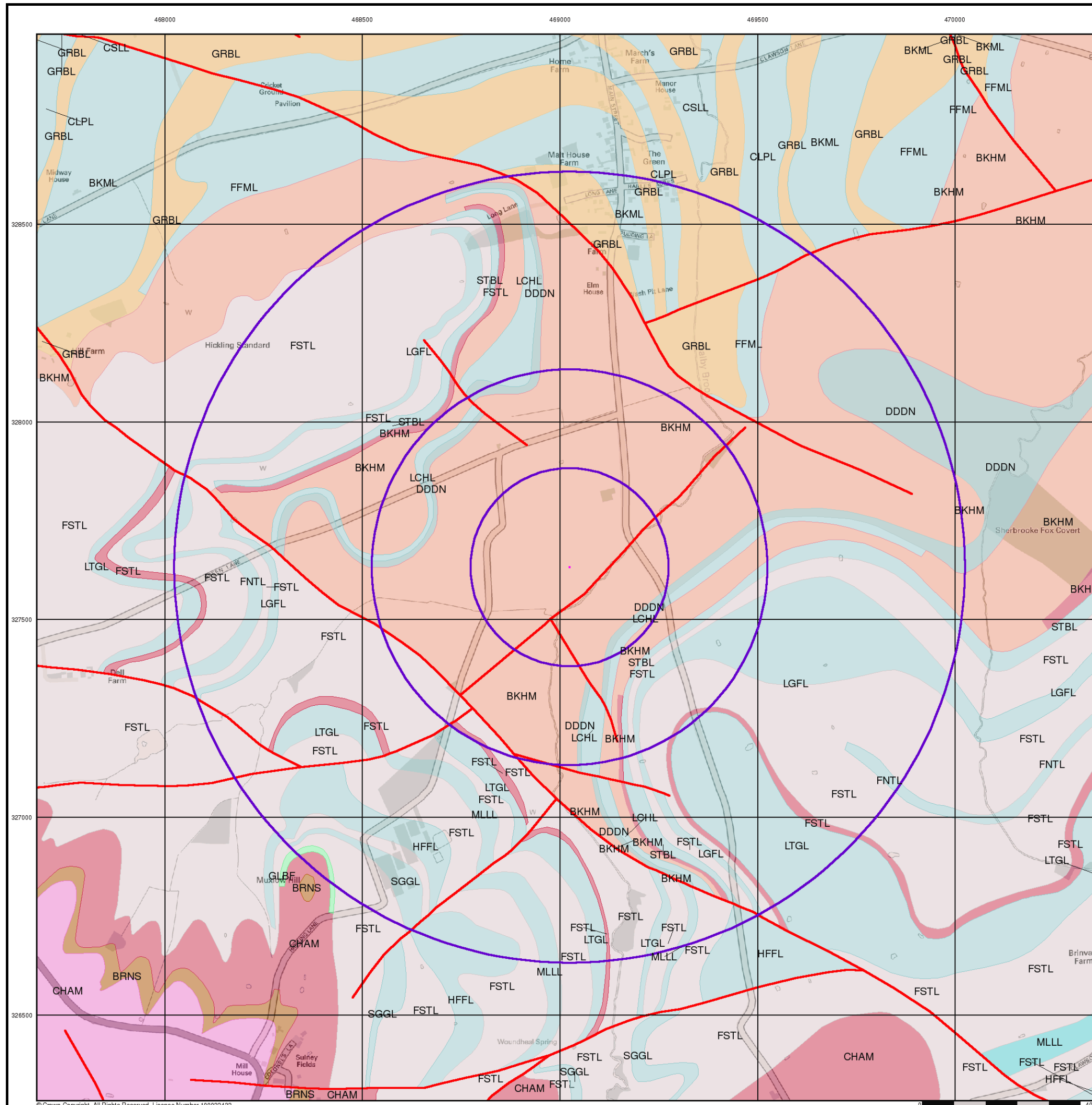


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Combined Surface Geology

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.

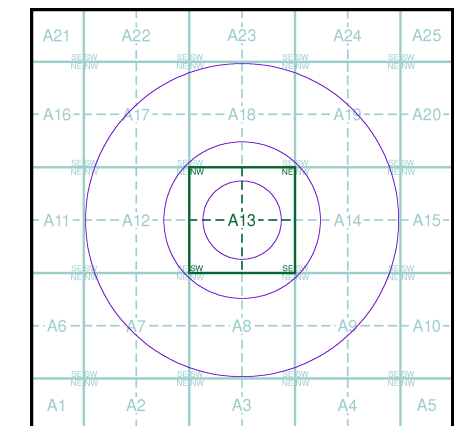
Additional Information

More information on 1:10,000 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



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