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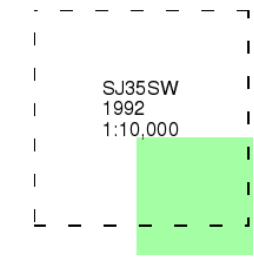
## Ordnance Survey Plan

**Published 1992**

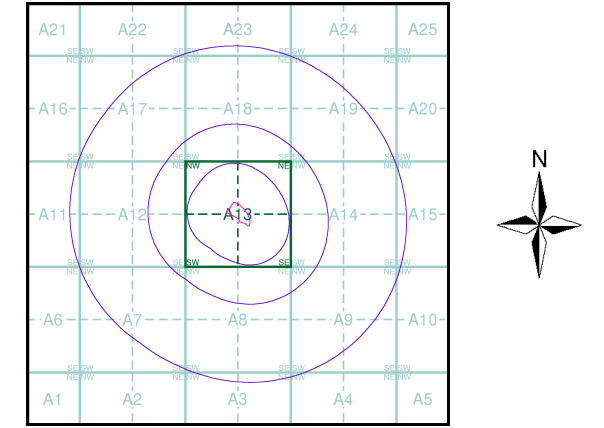
**Source map scale - 1:10,000**

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

### Map Name(s) and Date(s)



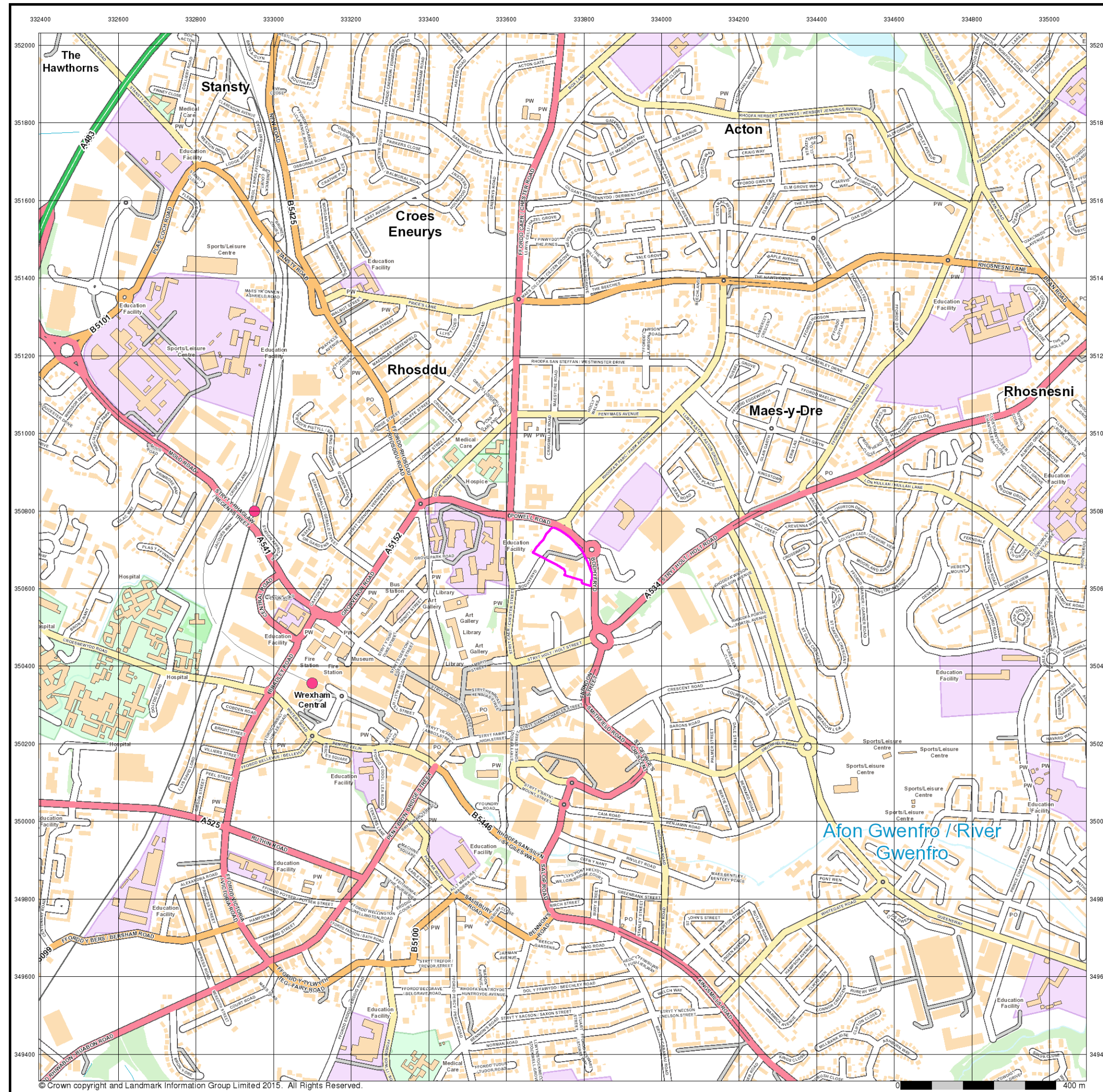
### Historical Map - Slice A



| Order Details            |                |
|--------------------------|----------------|
| Order Number:            | 130802749_1_1  |
| Customer Ref:            | 525.02         |
| National Grid Reference: | 333750, 350680 |
| Slice:                   | A              |
| Site Area (Ha):          | 1.1            |
| Search Buffer (m):       | 1000           |

**Site Details**  
North Wales Police, Police Station, Bodhyfryd, WREXHAM, LL12 7BW





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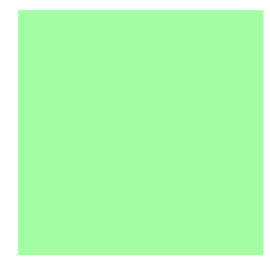
## Street View

Published 2017

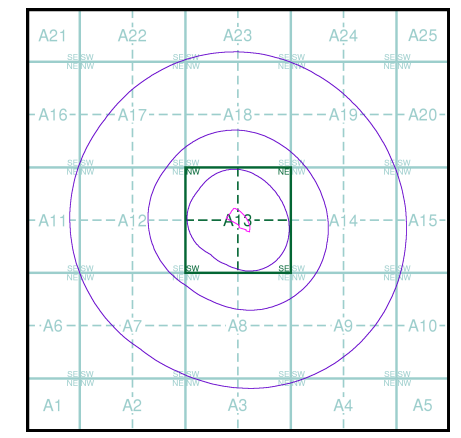
Source map scale - 1:10,000

Street View is a street-level map for the whole of Great Britain produced by the Ordnance Survey. These maps are provided at a nominal scale of 1:10,000

## Map Name(s) and Date(s)



## Street View Map - Slice A



## Order Details

Order Number: 130802749\_1\_1  
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National Grid Reference: 333750, 350680  
Slice: A  
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## **APPENDIX B**

### **Appendix B1: Envirocheck Geological Mapping**

### **Appendix B2: Envirocheck Agency, Hydrological & Sensitive Land Use Mapping**

### **Appendix B3: Envirocheck Data Sheet**

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## Appendix B1: Envirocheck Geological Mapping

## Geology 1:50,000 Maps Legends

### Artificial Ground and Landslip

| Map Colour | Lex Code | Rock Name                 | Rock Type          | Min and Max Age     |
|------------|----------|---------------------------|--------------------|---------------------|
|            | MGR      | Made Ground (Undivided)   | Artificial Deposit | Holocene - Holocene |
|            | WGR      | Worked Ground (Undivided) | Void               | Holocene - Holocene |

### Superficial Geology

| Map Colour | Lex Code | Rock Name                                 | Rock Type                                 | Min and Max Age         |
|------------|----------|-------------------------------------------|-------------------------------------------|-------------------------|
|            | ALV      | Alluvium                                  | Clay, Silt, Sand and Gravel               | Flandrian - Flandrian   |
|            | GFSDD    | Glaciofluvial Sheet Deposits, Devensian   | Sand and Gravel                           | Devensian - Devensian   |
|            | TILLD    | Till, Devensian                           | Diamicton                                 | Devensian - Devensian   |
|            | GLLDD    | Glaciolacustrine Deposits, Devensian      | Clay and Silt                             | Devensian - Devensian   |
|            | GFDUD    | Glaciofluvial Deposits, Devensian         | Sand and Gravel                           | Devensian - Devensian   |
|            | RTDU     | River Terrace Deposits (Undifferentiated) | Sand and Gravel                           | Quaternary - Quaternary |
|            | PEAT     | Peat                                      | Peat [Unlithified Deposits Coding Scheme] | Quaternary - Quaternary |

### Bedrock and Faults

| Map Colour | Lex Code | Rock Name                                                                                           | Rock Type                            | Min and Max Age               |
|------------|----------|-----------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------|
|            | SAL      | Salop Formation                                                                                     | Mudstone, Sandstone and Conglomerate | Cisuralian - Westphalian D    |
|            | HA       | Halesowen Formation                                                                                 | Mudstone, Siltstone and Sandstone    | Westphalian D - Westphalian D |
|            | PLMC     | Pennine Lower Coal Measures Formation and Pennine Middle Coal Measures Formation (Undifferentiated) | Mudstone, Siltstone and Sandstone    | Bolsovia - Langsettian        |
|            | PLMC     | Pennine Lower Coal Measures Formation and Pennine Middle Coal Measures Formation (Undifferentiated) | Sandstone                            | Bolsovia - Langsettian        |
|            | ETM      | Etruria Formation                                                                                   | Mudstone                             | Westphalian - Westphalian     |

| Map Colour | Lex Code | Rock Name     | Rock Type | Min and Max Age |
|------------|----------|---------------|-----------|-----------------|
|            |          | Faults        |           |                 |
|            |          | Rock Segments |           |                 |

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### Geology 1:50,000 Maps

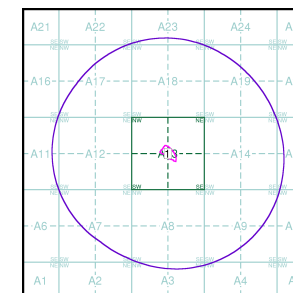
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published 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: 121  
Map Name: Wrexham  
Map Date: 1993  
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: 130802749\_1\_1  
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## Artificial Ground and Landslip

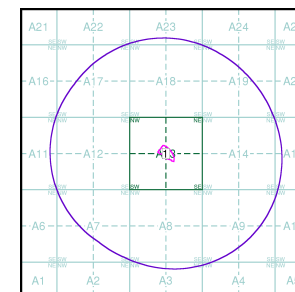
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

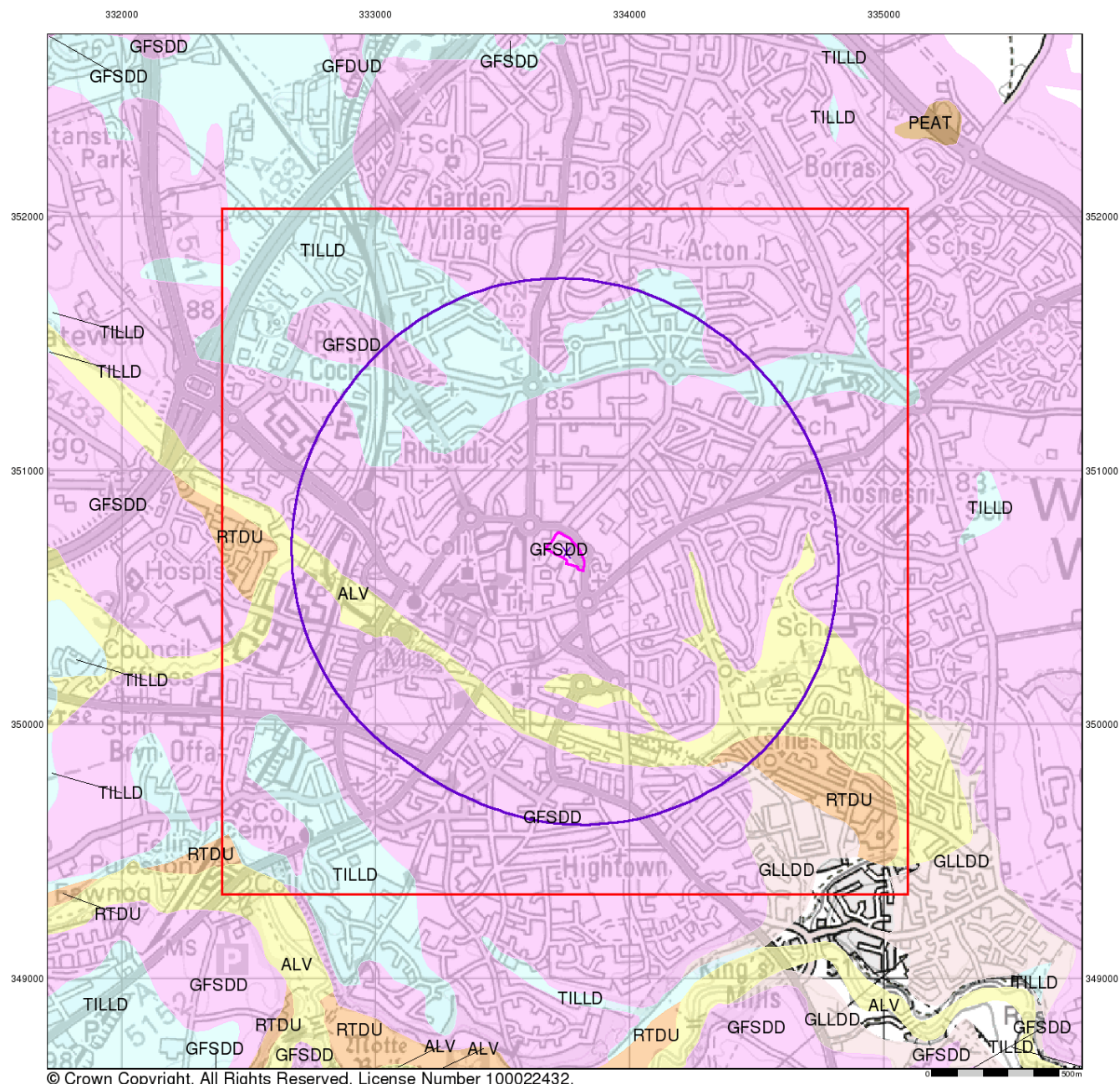
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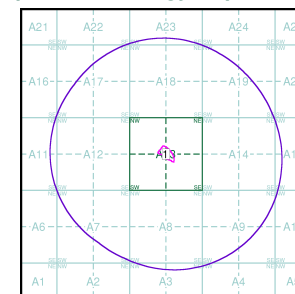
## Superficial Geology

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: 130802749\_1\_1  
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## Site Details:

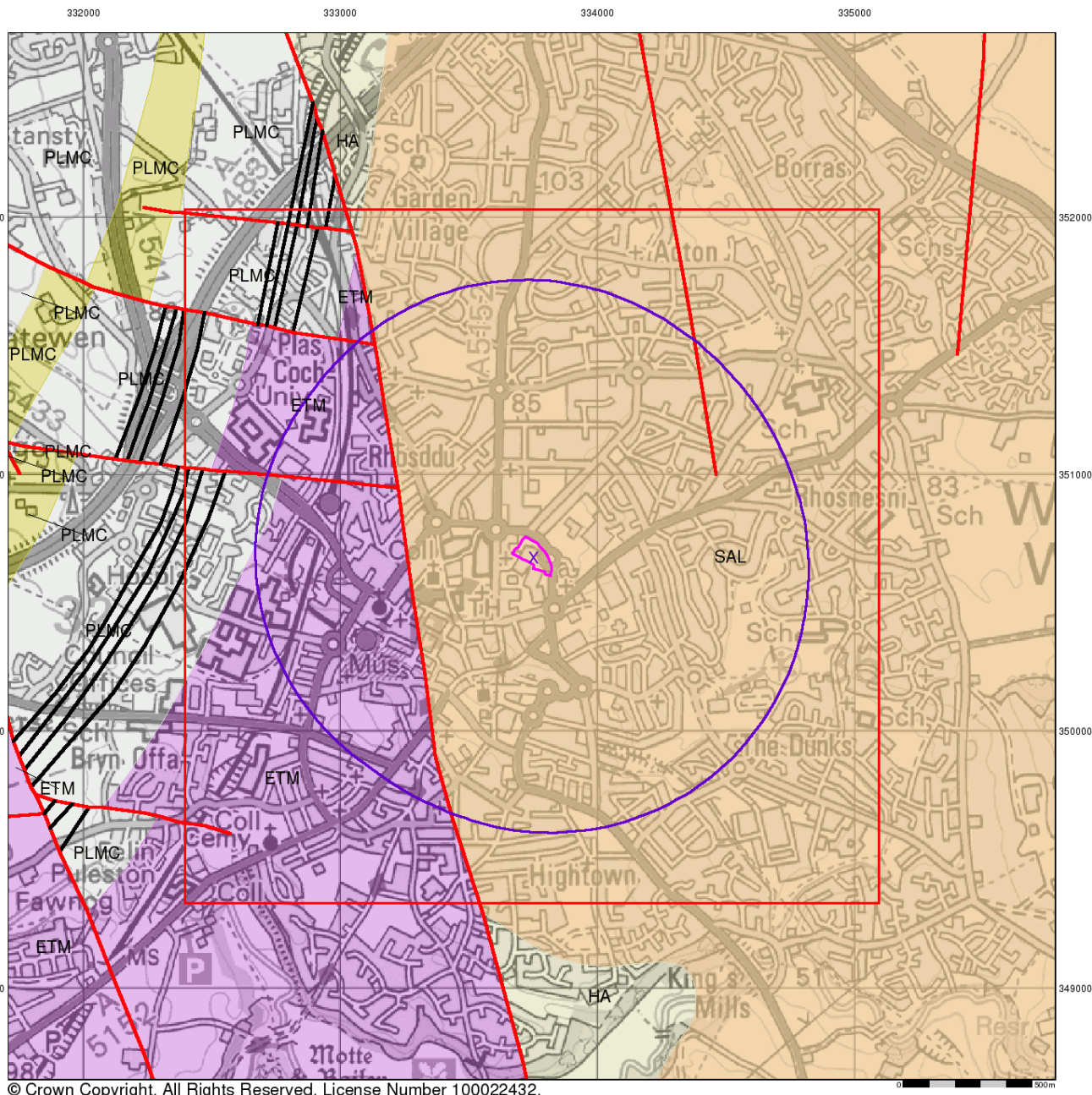
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## Bedrock and Faults

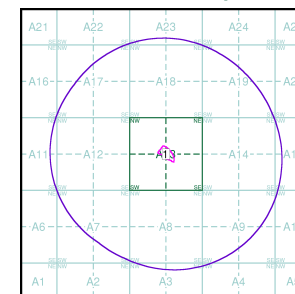
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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 (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



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