

493200

493400

493600

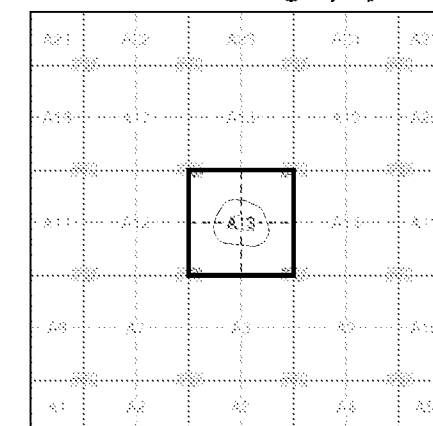


## Geo-Environmental Historical Aerial Photography

**Published 1999**

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

### Historical Aerial Photography - Segment A13



### Order Details

Order Number: 182826946\_1\_1  
 Customer Ref: GE17712  
 National Grid Reference: 493360, 104650  
 Slice: A  
 Site Area (Ha): 1.02  
 Search Buffer (m): 100

### Site Details

Banff, Hook Lane, Aldingbourne, CHICHESTER, PO20 3TE

**Landmark**  
 INFORMATION GROUP

Tel: 0844 844 9852  
 Fax: 0844 844 9951  
 Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)



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0 100 m

## Geology 1:50,000 Maps Legends

### Superficial Geology

| Map Colour | Lex Code | Rock Name                                 | Rock Type                   | Min and Max Age           |
|------------|----------|-------------------------------------------|-----------------------------|---------------------------|
|            | ALV      | Alluvium                                  | Clay, Silt, Sand and Gravel | Not Supplied - Holocene   |
|            | RTDU     | River Terrace Deposits (Undifferentiated) | Sand, Silt and Clay         | Not Supplied - Quaternary |
|            | RBD1     | Raised Beach Deposits, 1                  | Sand and Gravel             | Not Supplied - Quaternary |
|            | HEAD     | Head                                      | Gravel, Sand, Silt and Clay | Not Supplied - Quaternary |
|            | HEAD     | Head                                      | Clay, Silt, Sand and Gravel | Not Supplied - Quaternary |
|            | RMD      | Raised Marine Deposits                    | Clay, Silt, Sand and Gravel | Not Supplied - Quaternary |
|            | ALF      | Alluvial Fan Deposits                     | Gravel, Sand, Silt and Clay | Not Supplied - Quaternary |
|            | RSB2     | Raised Storm Beach Deposits, 2            | Gravel                      | Not Supplied - Quaternary |

### 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  |
|            | LMBE     | Lambeth Group                                                                                                                                             | Clay, Silt and Sand | Not Supplied - Thanetian |
|            | LPCK     | Lewes Nodular Chalk Formation, Seaford Chalk Formation, Newhaven Chalk Formation, Culver Chalk Formation and Portsdown Chalk Formation (Undifferentiated) | Chalk               | Not Supplied - Turonian  |



## Geo-Environmental

### Geology 1:50,000 Maps

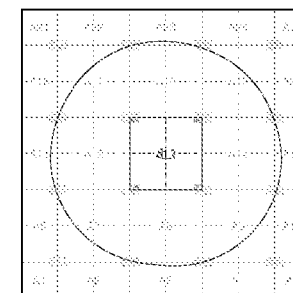
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published 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:        | 317              |
| Map Name:            | Chichester and I |
| Map Date:            | 1996             |
| 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:

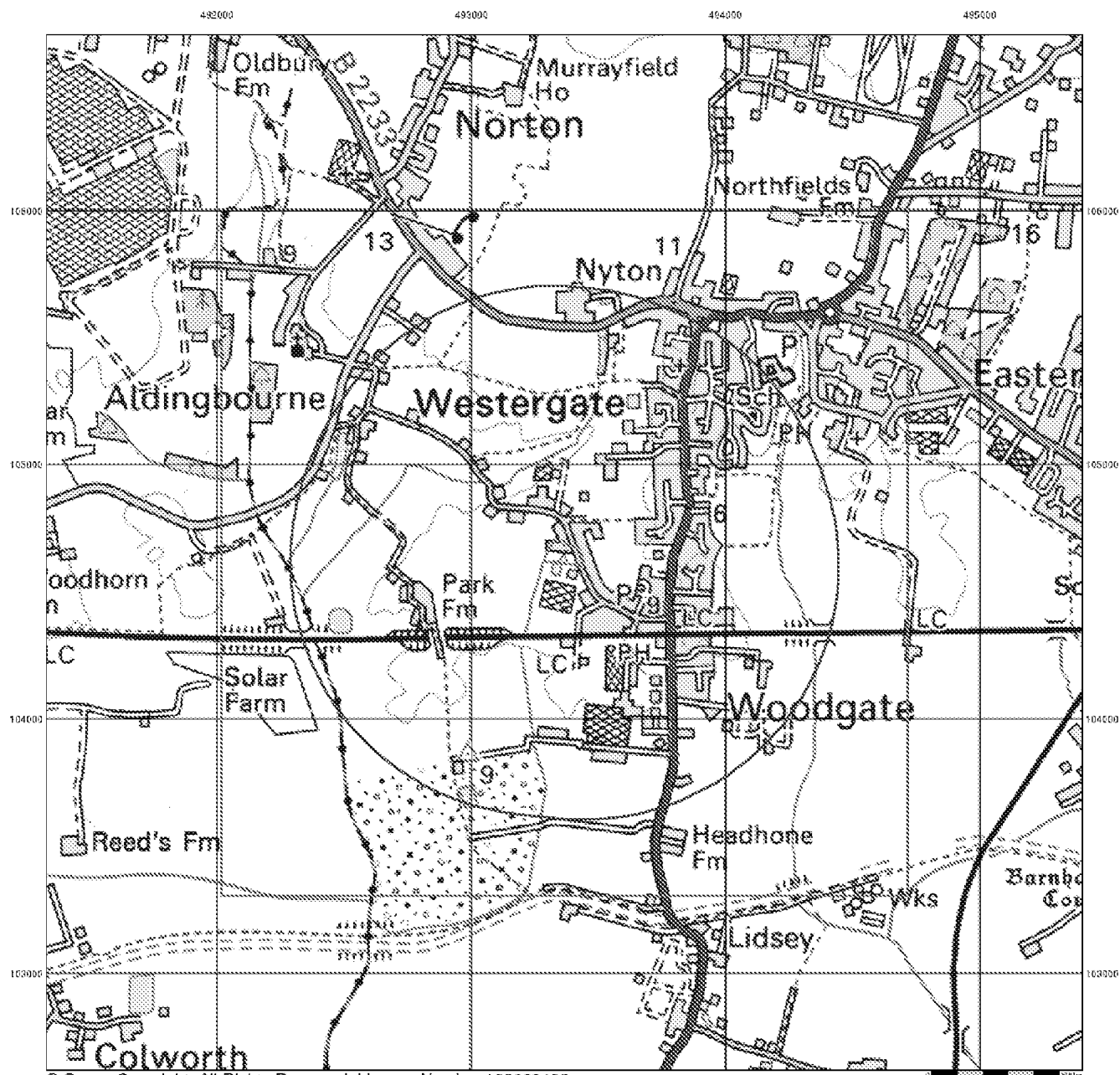
|                          |                |
|--------------------------|----------------|
| Order Number:            | 182826946_1_1  |
| Customer Reference:      | GE17712        |
| National Grid Reference: | 493360, 104650 |
| Slice:                   | A              |
| Site Area (Ha):          | 1.02           |
| Search Buffer (m):       | 1000           |

### Site Details:

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## Geo-Environmental

### Artificial Ground and Landslip

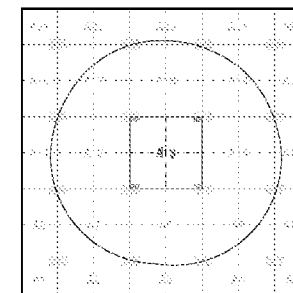
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

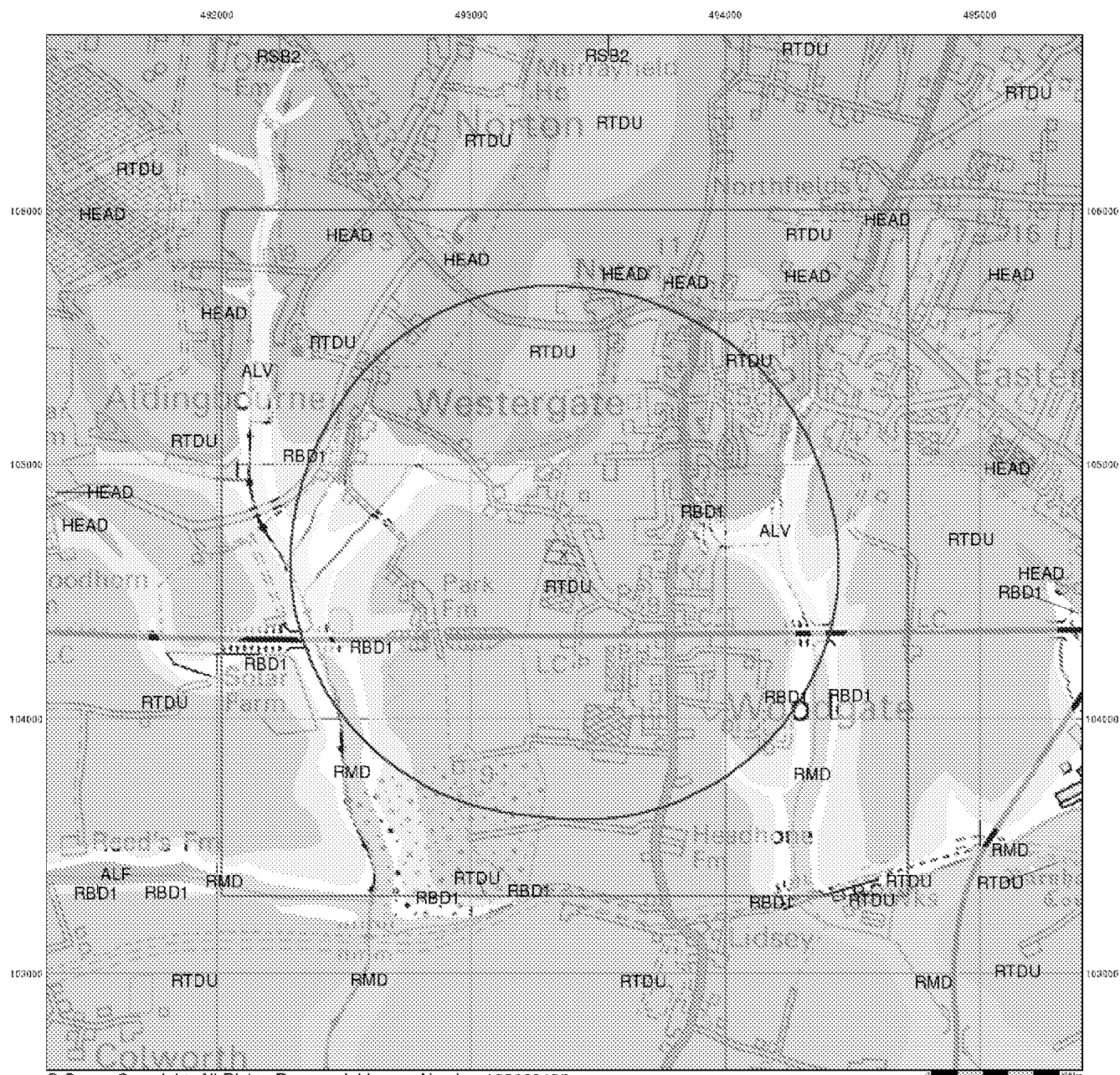
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## Geo-Environmental

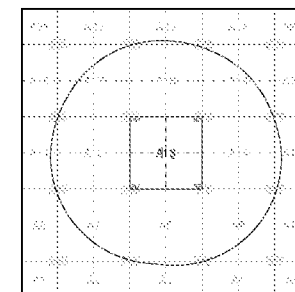
### Superficial Geology

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



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