**Solum House**
**Unit 1 Elliott Court**
**St. Johns Road**
**Meadowfield**
**Durham, DH7 8PN**

**Tel: (0191) 378 6380**
**Fax: (0191) 378 0494**

**e-mail: admin@arc-environmental.com**
**www.arc-environmental.com**

# PHASE 1: DESK TOP STUDY & COAL MINING RISK ASSESSMENT

# REPORT

# TELMAC DEVELOPMENTS LIMITED

# FORMER WEST BOLDON PRIMARY SCHOOL

# NORTH ROAD

# WEST BOLDON

# TYNE AND WEAR

# NE36 0QE

## Project No: 21-218

Prepared By:

Michael Harmison [redacted]

Date: 28/04/2021

Approved By:

Kevin Moir [redacted]

Date: 28/04/2021

The information and/or advice contained in this Phase 1: Desk Top Study and Coal Mining Risk Assessment Report is based solely on, and is limited to, the boundaries of the site, the immediate area around the site, and the historical use(s) unless otherwise stated. This 'Report' has been prepared in order to collate information relating to the physical, environmental and industrial setting of the site, and to highlight, where possible, the likely problems that might be encountered when considering the future development of this site for the proposed end use. All comments, opinions, diagrams, cross sections and/or sketches contained within the report, and/or any configuration of the findings is conjectural and given for guidance only and confirmation of the anticipated ground conditions should be considered before development proceeds. Agreement for the use or copying of this report by any Third Party must be obtained in writing from Arc Environmental Limited (ARC). If a change in the proposed land use is envisaged, then a reassessment of the site should be carried out.

# CONTENTS


| | | |
|---|---|---|
| 1.0 | INTRODUCTION | Page 3 |
| 2.0 | PHYSICAL SETTING | Page 3 |
| | 2.1 – Site Details | Page 3 |
| 3.0 | ENVIRONMENTAL SETTING | Page 4 |
| | 3.1 – Site Geology | Page 4 |
| | 3.2 – Coal Mining Risk Assessment | Page 4 |
| | 3.3 – Site Hydrogeology | Page 5 |
| | 3.4 – Site Hydrology | Page 5 |
| | 3.5 – Radon Assessment | Page 6 |
| | 3.6 – Site Ecology | Page 6 |
| | 3.7 – Estimated Soil Chemistry | Page 7 |
| 4.0 | INDUSTRIAL SETTING | Page 7 |
| | 4.1 – Site History | Page 7 |
| | 4.2 – Landfill & Waste | Page 8 |
| | 4.3 – Statutory Requirements / Authorisations | Page 9 |
| | 4.4 – Pollution Incidents and Discharge Consents | Page 9 |
| 5.0 | PRELIMINARY RISK ASSESSMENT SUMMARY | Page 10 |
| | 5.1 – Preliminary Conceptual Site Model | Page 10 |
| | 5.2 – Geotechnical Considerations | Page 10 |
| | 5.3 – Sources of Contamination and Probable Contaminants | Page 11 |
| 6.0 | RECOMMENDATIONS FOR PHASE 2 INTRUSIVE INVESTIGATION WORKS | Page 12 |
| | GENERAL REFERENCES | Page 14 |

| | |
|---|---|
| Appendix I | Location Plan, Aerial Photograph, Existing Site Layout and Proposed Development Layout Plans. |
| Appendix II | CON29M Non-Residential Mining Report. |
| Appendix III | Landmark Envirocheck Report. |
| Appendix IV | Conceptual Site Model. |




## 1.0 Introduction April 2017

Arc Environmental Limited has been instructed by TELMAC Developments Limited, to undertake a Phase 1: Desk Top Study Report for a site known as West Boldon Primary School, located off North Road, within the district of West Boldon, Tyne and Wear. The proposed development will comprise the demolition of the existing building and the development of residential dwellings and associated road infrastructure.

The primary objectives of this report are to assess the geological and potential land contamination conditions on and beneath the surface, and a Preliminary Conceptual Site Model (CSM) has been developed to define the scope and extent of any further investigation works deemed necessary, prior to commencing with any future redevelopment works.

A site walkover (reconnaissance survey) was completed as part of this report, with site photographs included within Appendix I, and all relevant observations noted in Section 2.1 below.

## 2.0 Physical Setting :-

### 2.1 Site Details:-

**Table 2.1**

| | |
|---|---|
| **Site Name & Address:** | West Boldon Primary School, North Road, West Boldon, Tyne and Wear, NE36 0QE. |
| **National Grid Reference:** | 436830, 513440 (representative for the central part of the site). |
| **Description of Location:** | The site is located off North Road, within the district of West Boldon, Tyne and Wear. |
| **Site Boundaries:** | N, E and W= Open communial areas, Directly to the east North Road.<br>S = Don Gardens and residential housing. |
| **Site Shape & Development Details:** | The site is rectangular in shape, occupying a total area of c.0.83 Hectares (Ha). Proposals involve the demolition of the existing school building and development of Residential dwellings. |
| **General Topography:** | On the northern and southern boundaries, the site slopes towards the north. The majority of the site is generally level. In the south eastern area of the site boundary there are several retaining walls present surrounding the existing building that is present. The site, from the walkover, looks to have areas of 'Cut and Fill'. |
| **Site Surfacing:** | The site is predominately covered with grassed areas. There are some areas of hardstanding surrounding the school building and where the school yard is. The area is still maintained due to the school still using the field for sports. |
| **Above Ground Structures:** | There is one above ground structure, the disused Boldon Primary School. The building occupies over half the site from the south eastern corner. The school is built over split levels as noticed during the reconnaissance walkover survey. |
| **Sub-surface Structures & Services:** | Several services are present within the boundary of the site ranging from drainage. Other services should be anticipated (gas, water, etc.) due to the site's previous occupation, and these should be assumed to still be live.<br>Sub-surface structures could also be present associated with the demolition of the former abattoir and the current Boldon Primary School and further investigation should be undertaken. From plans provided it is shown that there is a sewer present running through the site. |

## 3.0 Environmental Setting:-

### 3.1 Site Geology:-

The geological and mining assessment for this site has been based on geological plans published by the British Geological Survey (BGS) and information supplied by the Coal Authority (CA). The following documents have been reviewed as part of this study:-

- BGS Sheet 21, Sunderland, Solid & Drift Edition, 1:50,000 scale.
- BGS Sheet NZ36SW, Solid and Drift Edition, 1:10560 scale.
- CON29M Non-Residential Mining Report (ref. 51001395199001).
- ArcGIS Mapping

3.1.1 Made Ground:-

According to published BGS maps the site is not recorded to be underlain by a significant thickness of made ground deposits.

When considering the historical re-development, it is felt that made ground deposits of <1m in thickness may be present across the site, associated with the construction and demolition of buildings for the abattoir, hardstanding for car parking, and the construction of the former Boldon Primary School. Any made ground deposits present below the site are likely to comprise of natural deposits with anthropogenic debris i.e. brick, concrete, ash, etc.

Within the site there is evidence of areas of "Cut and Fill". In particular, the northern and western boundaries are significantly lower than surrounding land. Further evidence indicating "cut and fill", with retaining walls present close to the south eastern boundary of the site. There is also evidence of infilling within the site boundary to provide level playing fields. Surrounding the site there is also areas that have been infilled from previous historical uses i.e. quarries to the east of the site.

3.1.2 Drift Deposits:-

Based on maps produced by the BGS, the site is recorded to be underlain by the Pelaw Clay Member, which comprises of reddish brown to dark brown silty clay.

3.1.3 Solid Geology:-

The solid geology underlying the site is shown to comprise of two differing solid geologies. Firstly, the Upper Coal Measures (UCM), which comprise of interbedded grey mudstone, siltstone and pale grey sandstone with coal seams present. The UCM were deposited during the Carboniferous Period are located on the western portion of the site.

Finally, the south east of the site is underlain by the Yellow Sands Formation (YSF) were formerly the Basal Permian Sands, which comprise of generally uncemented or weakly cemented, mainly medium- and fine-grained, cross-stratified, yellow aeolian sand or sandstone. The YSF were deposited during the Permian Period.

### 3.2 Coal Mining Risk Assessment:-

According to the CA Interactive Map Viewer, the site lies within a Coal Mining Reporting Area, however the site does not lie in a Development High Risk Area.

## 3.0 Environmental Setting (Cont'd):-

### 3.2 Coal Mining Risk Assessment (Cont'd):-

To aid in this coal mining risk assessment, a Non-Residential Mining Report was obtained for this site from the CA (ref. 51001395199001), a copy of which is attached in Appendix II. From information included within the report, the site is within the likely zone of influence of past underground workings in 2 no. seams of coal from between c.440m and c.560m depth, and last worked in c.1953. The CA do not indicate that there is coal at or close to the surface, which may have been worked in the past.

In addition, the CA have confirmed that the site is not located within the boundary of an opencast site from which coal has been removed by opencast methods, and there are no known mine entries recorded within, or within 20m of the boundary of the site.

The two solid strata (UCM and YSF) within the site are split by a thin unnamed coal seam, which is not felt to be significant for the site.

When considering the geological and coal mining data reviewed, it is felt that the mechanisms for future ground subsidence and crown hole failures occurring at the surface in the future as a direct result of shallow coal mining activities below the site is deemed to be negligible, and as a result no further assessment or intrusive investigation works are required with regards to historical shallow coal mining activities.

### 3.3 Site Hydrogeology:-

**Table 3.1**

| STRATA | Aquifer / Soil Leachability EA Classification | Comments |
|---|---|---|
| **Made Ground:** | Soils of a High Leaching Potential (U). | Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise. |
| **Drift Geology:** | Unproductive Strata. | These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow. |
| **Solid Geology:** | Secondary Aquifer A (UCM) / Principal Aquifer (YSF). | Principal Aquifers are layers of rock or drift deposits that have high intergranular and/or fracture permeability - meaning they usually provide high level of water storage. They may support water supply and/or river base flow on a strategic scale. |

- There is one Source Protection Zone (SPZ) within c.250m of the site boundary. This is located c.48m south east of the site at Fulwell. This is a Zone III total catchment area.
- There are no groundwater abstraction points recorded within c.500m of the site boundary.

### 3.4 Site Hydrology:-

**Table 3.2**

| SURFACE WATER FEATURE | Location | Comments |
|---|---|---|
| **GQA Classified River** | One GQA classified river is recorded within c.250m of the site boundary. | The River Don, c.126m north west of the site boundary is classified as River Quality C. |

## 3.0 Environmental Setting (Cont'd):-

### 3.4 Site Hydrology (Cont'd):-

**Table 3.2**

| SURFACE WATER FEATURE | Location | Comments |
|---|---|---|
| **Flooding** | The site does not fall within the designated Flood Zone II & III. | Although the site does not fall within the designated Flood Zone II & III, an area north west of the site where the River Don flows, is impacted by Zone II flooding. Therefore it is recommended that further consultation with the LA and EA should be made with respect to the potential for flood events in this area and to establish local knowledge of periodic flooding, standing water or poor drainage problems. |
| **Surface Water Flooding (Site Walkover/Envirocheck Report)** | Onsite. | Whilst, the majority of the site is shown to lie outwith areas at risk of surface water flooding from the 30, 100 & 1000 year return events, there is a small area of medium to high risk risk of flooding (30 & 100 year return events) located to the south east of the site. Appropriate surface water management will need to adopted to deal with the future management of positively drained surface water. During the site walkover, no areas of standing surface water were noted. |
| **RAINFALL** | **Measurements (mm)** | **Comments** |
| **Annual** | 597.2 | Based on 'station average' records from the closest weather station in Tynemouth, dated from 1981-2010. |
| **Precipitation, January** | 45.5 | |
| **Precipitation, July** | 47.6 | |

### 3.5 Radon Assessment:-

The site lies in a lower probability radon area, with 1 to 3% of homes are at or above the action level, in accordance with the BGS, National Geoscience Information Service and their assessment suggests that the site does not require radon protection measures for new dwellings.

This corresponds with the BRE Digest, BR212 (2015) Radon: Guidance on Protective Measures for New Buildings, where the site is situated within a clear grid square (1km), and therefore confirms no radon protective measures are required for the site.

### 3.6 Site Ecology:-

**Table 3.3**

| FEATURES | Location | Comments |
|---|---|---|
| **Areas of Adopted Green Belt** | One area recorded within c.250m. | Located c.156m south of the site boundary, The Core Strategy for South Tyneside Metropolitan Borough Council, Planning Department was adopted as of 30th June 2007. |
| **Nitrate Vulnerable Zone** | None recorded within c.250m. | ~ |

At this stage, and from the site walkover survey undertaken, it is not felt that the site is affected by the presence of invasive weed species (i.e. Japanese Knotweed). Whilst these invasive weed species will be currently in the dormant/hibernation period (typically between October and April). However, site awareness during future investigation works and during the construction phase for any potential invasive weed species would be considered prudent.

## 3.0 Environmental Setting (Cont'd):-

### 3.7 Estimated Soil Chemistry:-

Data provided by the BGS in relation to estimated soil chemistry for a number of key metals and metalloid elements are summarised in Table 3.3 below. Note; the references to the anticipated background concentrations of contaminants, sourced from the BGS, should not be relied upon. They are not site-specific and do not represent the condition of the ground at the proposed development site.

**Table 3.3**

| Element | Location | Estimated Soil Concentrations (mg/kg) |
|---|---|---|
| **Arsenic** | On site | <15 |
| **Cadmium** | On site | <1.8 |
| **Chromium (total)** | On site | 90 - 120 |
| **Lead** | On site | <100 |
| **Nickel** | On site | 15-30 |

## 4.0 Industrial Setting:-

### 4.1 Site History:-

Copies of Ordnance Survey maps covering this site area and adjacent land are included in Appendix III, and a summary of the site history based on these maps is given in Table 4.1 below and continues on the following page.

**Table 4.1**

| Date | Site | Adjacent Areas |
|---|---|---|
| c.1862 | The site has **buildings** present on the southern boundary. These buildings are suggestive of farm buildings | East of the site, c.100m old **quarries** are present. A **railway** line, part of the North Eastern Railway runs in a north south direction c.500m west of the site boundary. located c.450m south of the site another **disused quarry** is also present. Surrounding the site to the south and south east, there has been some development for residential dwellings. |
| c.1896 – c.1897 | No significant change. | No significant change. c.80m south west of the site there a **old quarry**. **School** built close to **old quarry** east of the site. |
| c.1898 | No significant change. | No significant change. Located c.400m west of the site, a **brickworks** has been developed close to **clay pits.** |
| c.1898 | No significant change. | Further urbanisation has occurred south and to the north of the site boundary. |
| c.1919 – c.1938 | No significant change. | No significant change. |
| c. 1939 | The **building** on site has become an **abattoir**. | No significant change. School to the south east has **extended** and **developed** buildings within **old quarry**. |
| c.1951 – c.1952 | No significant change. | No significant change. Further urbanisation has occurred to the north of the site. |
| c. 1956 – c.1958 | There are **two sets of ruins** within the site boundary. | No significant change. |
| c. 1967 – c. 1968 | No significant change. | Further urbanisation with residential buildings to north east and east of the site. Former **old quarry** to the east marked as **"Active Workings"** although no significant change of features is recorded. |

# 4.0 Industrial Setting (Cont'd):-

## 4.1 Site History (Cont'd):-

**Table 4.1 (Cont'd)**

| Date | Site | Adjacent Areas |
|---|---|---|
| c.1974 | The **Abattoir** has been **demolished** and **Boldon CE Primary School** has been constructed with playing field and hard standing. Areas of **"cut and fill"** are evident with **slopes** to northern and western boundaries. The playing field also has indications of **infilling** to make the playing area level. **Retaining walls** are present on the southern boundary of the site, close to the existing building. | Quarry to the east has become disused. **Railway** to the west of the has become **dismantled.** |
| c. 1981 – c.1988 | No significant change. | School buildings within **old quarry** have been **demolished**. |
| c.1993 | No significant change. | New residential development present within **old quarry** to east of the site boundary. |
| c.2000 – c.2017 | No significant change. From the walkover survey in c.2017, the **school** is **disused** and has been boarded up. The school field is still in use. By c.2021 the school building is demolished | No significant change. |

Significant features / potential contamination sources highlighted in **bold.**

## 4.2 Landfill & Waste:-

The following information relating to Landfill and Waste has been obtained from the Envirocheck Report (attached in Appendix IV);

- There are no active BGS Recorded Landfill Sites, Registered Landfill Sites, Local Authority Landfill Sites, Historical Landfill Sites, Licensed Waste Management Facilities recorded within c.250m of the site.
- Made ground is expected beneath the site with various areas of "cut and fill" present. This is evident of the north and western boundaries where the land is significantly lower than the rest of the site.
    - Retaining walls are also present close to the south-east boundary of the site indicating areas of cutting from original site levels has occured.
    - Playing fields and hard standing areas indicate that infilling has also occurred to make the playing areas level.
- Locally, infilling of historical quarries to the east and south east of the site boundary could be infilled with made ground and could therefore be a potential for ground gas migration to within the site.

Following a review of OS maps and other site specific data, it would be considered prudent to undertake a program of ground gas monitoring for this site, in accordance with current guidance (CIRIA C665, 2007), in order to confirm the ground gas regime below the site, and this should be incorporated into the design of the proposed intrusive investigation work.

## 4.0 Industrial Setting (Cont'd):-

### 4.3 Statutory Requirements / Authorisations:-

**Table 4.2**

| TYPE | Location | Comments |
|---|---|---|
| **Pollution Prevention and Controls** | None recorded within c.250m. | ~ |
| **Registered Radioactive Substances** | None recorded within c.250m. | ~ |
| **Prosecutions Relating to Authorised Processes** | None recorded within c.250m. | ~ |
| **Enforcement and Prohibition Notices** | None recorded within c.250m. | ~ |
| **Planning Hazardous Substances Consents / Enforcements** | None recorded within c.250m. | ~ |
| **COMAH/NIHHS Sites** | None recorded within c.250m. | ~ |
| **Contemporary Trade Entries** | Four entries recorded within c.250m. | Four contemporary trade entries are present within c.250m of the site. The entries are all however, classified as inactive. |
| **Fuel Station Entries** | One recorded within c.250m. | There is one fuel station entry within c.250m of the site. Located c.211m south east of the site at Bank Top Garage (Springfield), this site is classified as obsolete. |

### 4.4 Pollution Incidents and Discharge Consents:-

**Table 4.3**

| TYPE | Location | Comments |
|---|---|---|
| **Discharge Consents** | None recorded within c.250m of the site boundary. | ~ |
| **Water Industry Act Referrals** | None recorded within c.250m. | ~ |
| **Prosecutions Relating to Controlled Waters** | None recorded within c.250m. | ~ |
| **Pollution Incidents to Controlled Waters** | One recorded within c.250m of the site boundary | The closest Pollution Incident to Controlled Waters is located c.186m north west of the site boundary. The pollutant and cause of the incident was unknown. The receiving water was freshwater stream/river and the incident was categorised as a Category 2 – Significant Incident. |
| **Substantiated Pollution Incident Register** | None recorded within c.250m. | ~ |

## 5.0 Preliminary Risk Assessment Summary:-

### 5.1 Preliminary Conceptual Site Model (CSM):-

The Conceptual Site Model (CSM) is one of the primary planning tools that can be used to support the decision making process of managing contaminated land and groundwater on any given site, and allows a better understanding of what needs to be done to achieve risk management, and from this appropriate remediation techniques, if required for those risk management goals can be chosen.

This can be done by undertaking a *source-pathway-receptor* analysis of the site. The anticipated *sources*, *pathways* and *receptors* for this site are summarised in Table 5.1 on the following page, and a graphical representation can be seen within Appendix IV.

**Table 5.1**

| | *Sources (S)* |
|---|---|
| **S1** | Made ground associated with the construction and demolition of buildings present within the site boundary including local infill to provide level playing areas and areas of "cut and fill". |
| **S2** | Possible ground gases from onsite and offsite sources. |
| **S3** | Contaminants from the previous site uses including an abattoir. |

| | *Pathways (P)* |
|---|---|
| **P1** | Ingestion and Dermal contact. |
| **P2** | Inhalation of indoor / outdoor air. |
| **P3** | Plant Uptake and attached soil. |
| **P4** | Migration through existing services. |
| **P5** | Direct contact with building materials. |
| **P6** | Surface run off and leachate Migration. |

| | *Receptors (R)* |
|---|---|
| **R1** | Human health (End users and construction workforce). |
| **R2** | Groundwater within the Secondary Aquifer A and Principal Aquifer within the solid geological deposits. |
| **R3** | Building materials*. |
| **R4** | Adjacent sites. |
| **R5** | Flora and fauna*. |

* = Not included in the Human Health & Controlled Waters Risk Assessment

### 5.2 Geotechnical Considerations:-

The following potential geotechnical issues and hazards have been identified for this site, and these issues should be considered before future development of the site is to take place;

- Actual depth, origin, variability and condition of made ground on site (where present).
- Geotechnical parameters of drift geological deposits of the Pelaw Clay Member.
- Possible variable solid geology with the UCM and YSF present on site. These strata comprise of interbedded grey mudstone, siltstone and pale grey sandstones with coal seams present and uncemented or weakly cemented, mainly medium- and fine-grained sands and sandstones respectively. With the variability of the strength and quality of the geology it may be problematic if shallow rock is evident within the site.
- The presence of underground services (i.e. Gas, Water, Electricity, etc.). The presence of a sewer which is running across the site should also be taken into consideration.
- Control of surface drainage and the suitability of underlying deposits for utilising sustainable drainage systems.
- Stability of excavations if localised significant thickness of made ground are present below the site.

In order to determine the geotechnical considerations above with more certainty, it is recommended that a program of intrusive works with associated testing are carried out on this site, to aid in assessing the extent of any potential issues prior to commencing with the proposed redevelopment works. Upon completion of these works, detailed foundation proposals for future structures can then be prepared.

## 5.0 Preliminary Risk Assessment Summary (Cont'd):-

### 5.1 Preliminary Conceptual Site Model (CSM) (Cont'd):-

| |
|---|
| The information reviewed indicates that the site can be considered as being located within a **LOW** geotechnical risk setting. |

### 5.3 Sources of Contamination and Probable Contaminants:-

The historical OS maps, the Landmark Envirocheck Report and other environmental information revealed that buildings were present on site from as early as c.1862. These buildings were probably part of a farm.

By c.1939, the existing building had become an abattoir. The abattoir had been demolished and Boldon Primary School had been constructed by c.1974.

When the site walkover and reconnaissance survey was undertaken, it was noted the school was disused and had been boarded up for safety. The grounds were maintained and used as a playing field. The school has since been demolished.

Taking into account the above, potential on-site contamination issues have been identified for this site, as listed: -

- Made ground associated with the development of the site; construction / demolition of West Boldon Primary School, construction and demolition of the Abattoir, and areas of car parking and hardstanding.
- Made ground associated with areas of "cut and fill", in particular areas close to the northern and western boundaries where slopes are present and ground level significantly lower than surrounding site, infilling of the playing fields to make them level and retaining walls close to the southern boundary where material has been removed.
- Possible ground gases from on and off-site sources.

In addition to the above, the following potential contaminant issues are suspected:-

- Abattoir works onsite as stated within historical maps. The DOE Industry Profile – 'Animal and Animal Products Processing Works' suggests likely contamination sources of solvents, detergents and bleaches, hydrocarbons, acids and alkalis and pathogens. Pathogens unlikely to be an issue as site has not been used as an abattoir since before c.1974.

It is therefore concluded that ground contamination screening will need to be incorporated into the design of any future intrusive investigation works to confirm the risks posed towards Human Health (future end users).

In addition, laboratory testing should also be undertaken on representative samples taken from site for naturally aggressive chemicals which could have a detrimental effect on building materials (i.e. pH value and soluble sulphate, etc.).

In consideration of the previous comments and when taking into account the guidance contained in the DEFRA and EA Contaminated Land Reports, it would be prudent to test samples of soil from this site for a range of contaminants, as shown below.

## 5.0 Preliminary Risk Assessment Summary (Cont'd):-

### 5.3 Sources of Contamination and Probable Contaminants (Cont'd):-

Soils – Human Health;

*Arsenic, Cadmium, Chromium (total, III & VI), Copper, Lead, Mercury, Nickel, Selenium, Zinc, Cyanide, and Total Organic Carbon (TOC).*

During the investigation works, if any deleterious or malodourous materials are encountered (i.e. unforeseen contamination, ash, fuel/oil, etc.) then targeted assessment of these materials should be undertaken. However, for completeness and to confirm any risks posed to human health, additional contamination testing for Speciated Polycyclic Aromatic Hydrocarbons (PAH's) and Speciated Total Petroleum Hydrocarbons (TPH's) should also be undertaken.

When considering the age of the historical and existing developments (pre-1999), as well as the presence of demolition type rubble within the made ground deposits, these types of materials can typically contain undetected asbestos fibres /asbestos containing materials, and therefore asbestos screening should be undertaken.

Due to the potential for historical contaminants being present from previous uses of the site, testing for appropriate contaminants as detailed in the relevant DOE Industry Profiles should also be undertaken.

| The information reviewed indicates that the site can be considered as being located within a **LOW** ground contamination risk setting for Human Health. |
|---|

Groundwater / Leachate – Controlled Waters;

The following issues have been taken into consideration when assessing the risks towards groundwater / controlled waters;

- A shallow continuous groundwater surface is not anticipated below the site.
- Deep groundwater beneath the site has been classified as both a Secondary Aquifer – A (UCM) and a Principal Aquifer (YSF) associated within the underlying solid geology.
- The site is recorded within c.250m of a Source Protection Zone (SPZ).
- There is one GQA Classified River (River Don) located within c.250m of the site.
- There are no Water Abstractions recorded within c.500m of the site.

| The information reviewed indicates that the site can be considered as being located within a **LOW** ground contamination risk setting for Controlled Waters, due to the lack of significant sources anticipated. |
|---|

## 6.0 Recommendations for Phase 2 Intrusive Investigation Works:-

When considering the anticipated ground conditions, and if development works are to commence in the near future, it is recommended that a Phase 2: Ground Investigation (intrusive investigation) is completed for this site to determine the ground conditions below the site with more certainty. Any ground investigation should be completed prior to commencing with any future developments and should include for the following, or similar scope of investigation works;

## 6.0 Recommendations for Phase 2 Intrusive Investigation Works (Cont'd):-

- A series of boreholes, including in-situ geotechnical testing (SPT's, shear strength, CBR's, etc.) and sampling to help aid with future foundation design and to collect samples for subsequent laboratory testing.
- Concrete coring to undertake internal investigations to prove slab and fill thickness below existing structure.
- Installation of combined ground gas & groundwater monitoring wells accompanied by an appropriate number of monitoring visits (in accordance with CIRIA C665), in order to determine the ground gas regime below the site.
- Variable Falling Head Tests within monitoring wells to ascertain the potential for SuDS within the site boundary.
- Appropriate geotechnical laboratory testing. (i.e. liquid and plastic limit testing, pH & soluble sulphate testing, etc.).
- Laboratory contamination screening on selected samples of made ground (where present) and topsoil materials recovered from the site to assess the risks to Human Health, typical contaminants detailed in section 5.3. The samples of soil collected should also be forwarded to UKAS and MCERTS accredited laboratory to undertake the recommended testing.
- Groundwater/Leachate contamination screening on selected samples if elevated levels in the soils are recorded.
- Site supervision and production of factual and interpretive Phase 2: Ground Investigation Report, including a Level 1 Ground Contamination Risk Assessment for Human Health and Controlled Waters.

Prior to site investigation works commencing on site, all existing utilities/services should be identified and recorded, such that any potential damage to services crossing the site can be prevented, as well as ensuring the health and safety of future site workers.

**END OF REPORT**

# GENERAL REFERENCES


- British Geological Survey: Maps, Reports, Memoirs, etc.
  - BGS Sheet 21, Sunderland, Solid & Drift Edition, 1:50,000 scale.
  - BGS Sheet NZ36SW, Solid and Drift Edition, 1:10560 scale.
  - CON29M Non-Residential Mining Report (ref. 51001395199001).
  - ArcGIS Mapping
  - DoE, DEFRA & EA - Contaminated Land Reports.

CLR 1: A framework for assessing the impact of contaminated land on groundwater and surface water. Report by Aspinwall & Co. Volumes 1 & 2. DoE, 1994.
CLR 2: Guidance on preliminary site inspection of contaminated land. Report by Applied Environmental Research Centre Ltd. Volume 1. DOE, 1994.
CLR 3: Documentary research on industrial sites. Report by RPS Group plc. DoE, 1994.
CLR 4: Sampling strategies for contaminated land. Report by The Centre for Research into the Built Environment, The Nottingham Trent University. DoE, 1994.
CLR 5: Information systems for land contamination. Report by Meta Generics Ltd. DoE, 1994.
CLR 6: Prioritisation & categorisation procedure for sites which may be contaminated. Report by M J Carter Associates. DoE, 1995.
CLR11: Model Procedures for the Management of Land Contamination. DEFRA/EA, 2004.
Science Report Final SC050021/SR2: Human Health Toxicological Assessment of Contaminants in Soils, 2009.
Science Report Final SC50021/SR3: Updated Technical Background to the CLEA Model, 2009.
Science Report SC050021/SR4: CLEA software (version 1.06) handbook, 2009.

- BS10175:2011+A1:2013: Investigation of Potentially Contaminated Sites – Code of Practice.
- BS8576:2013: Guidance on Investigations for Ground Gas, Permanent Gases and Volatile Organic Compounds (VOCs).
- BS5930:2015: Code of Practice for Site Investigations.
- BRE Digest BR211 (2015): Radon: Guidance on Protective Measures for New Buildings.
- Guidance for the Safe Development of Housing on Land Affected by Contamination, R&D66, 2008 (NHBC, EA, CIEH).
- Methane and Associated Hazards to Construction - CIRIA Reports 149,150,151 & 152.
- Assessing Risks Posed by Hazardous Ground Gases to Buildings, CIRIA C665, 2007.
- BS8485: 2015: Code of Practise for the Characterization and Remediation from Ground Gas in Affected Developments.
- CIRIA Report C624 'Development and flood risk – guidance for the construction industry' and Planning Policy Statement 25 (PPS25).
- CIRIA Report C733 'Asbestos in Soil and Made Ground: a guide to understanding and managing risks'.
- Department of the Environment Industry Profile Report : Animal and Animal Products Processing Works

# APPENDIX I

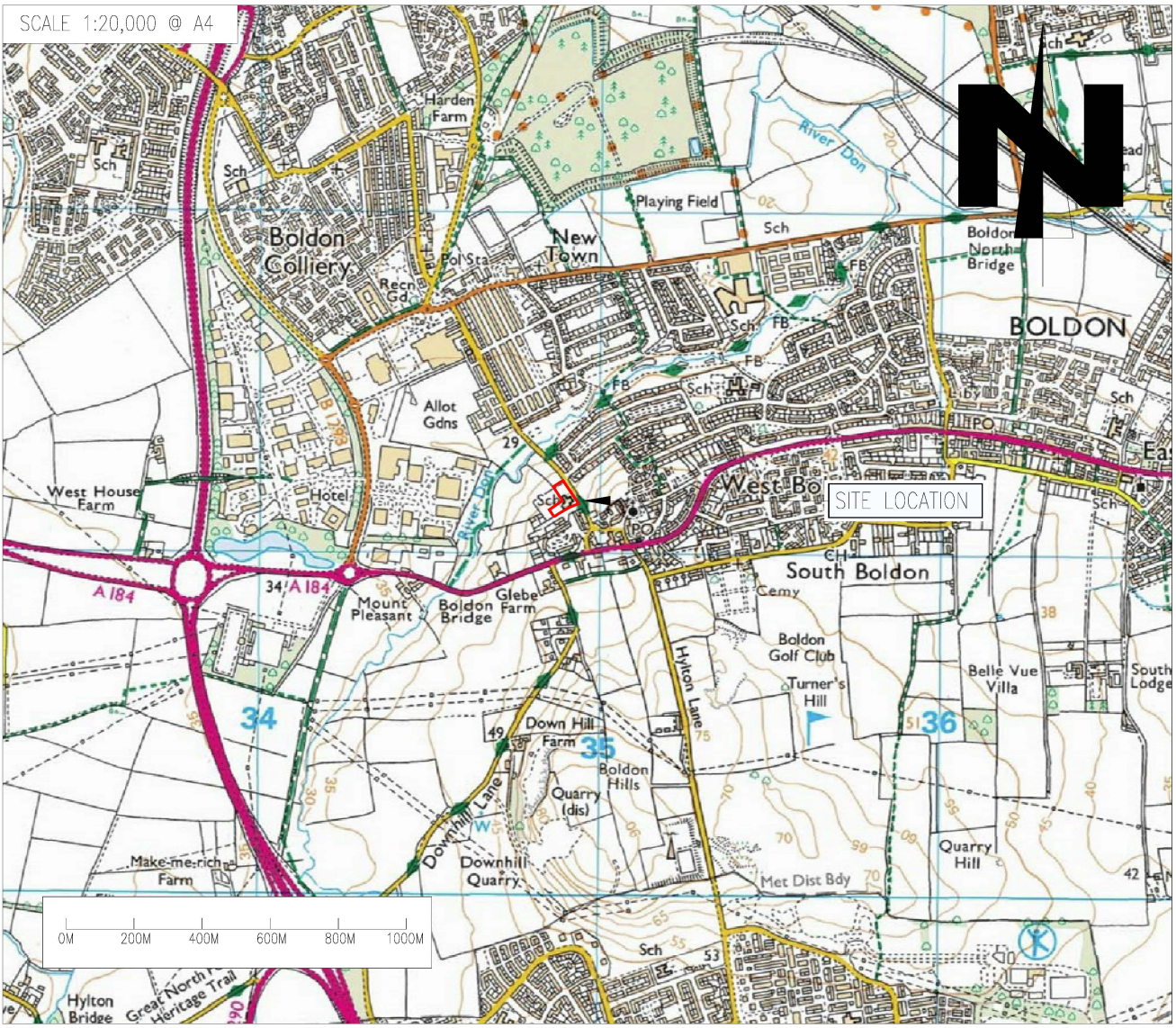
## Location Plan

## Aerial Photograph

## Existing Site Layout Plan

## Proposed Site Development Plans

## Site Observations - Photographic Record Sheets




Client:

**TELMAC DEVELOPMENTS LTD**

| Project Title: | Drawing Title: |
|---|---|
| Former West Boldon Primary School<br>North Road, West Boldon<br>Tyne & Wear, NE36 0QE | Location Plan |

| rev. | date | amendments | drawn | chckd |
|---|---|---|---|---|
| | | | | |

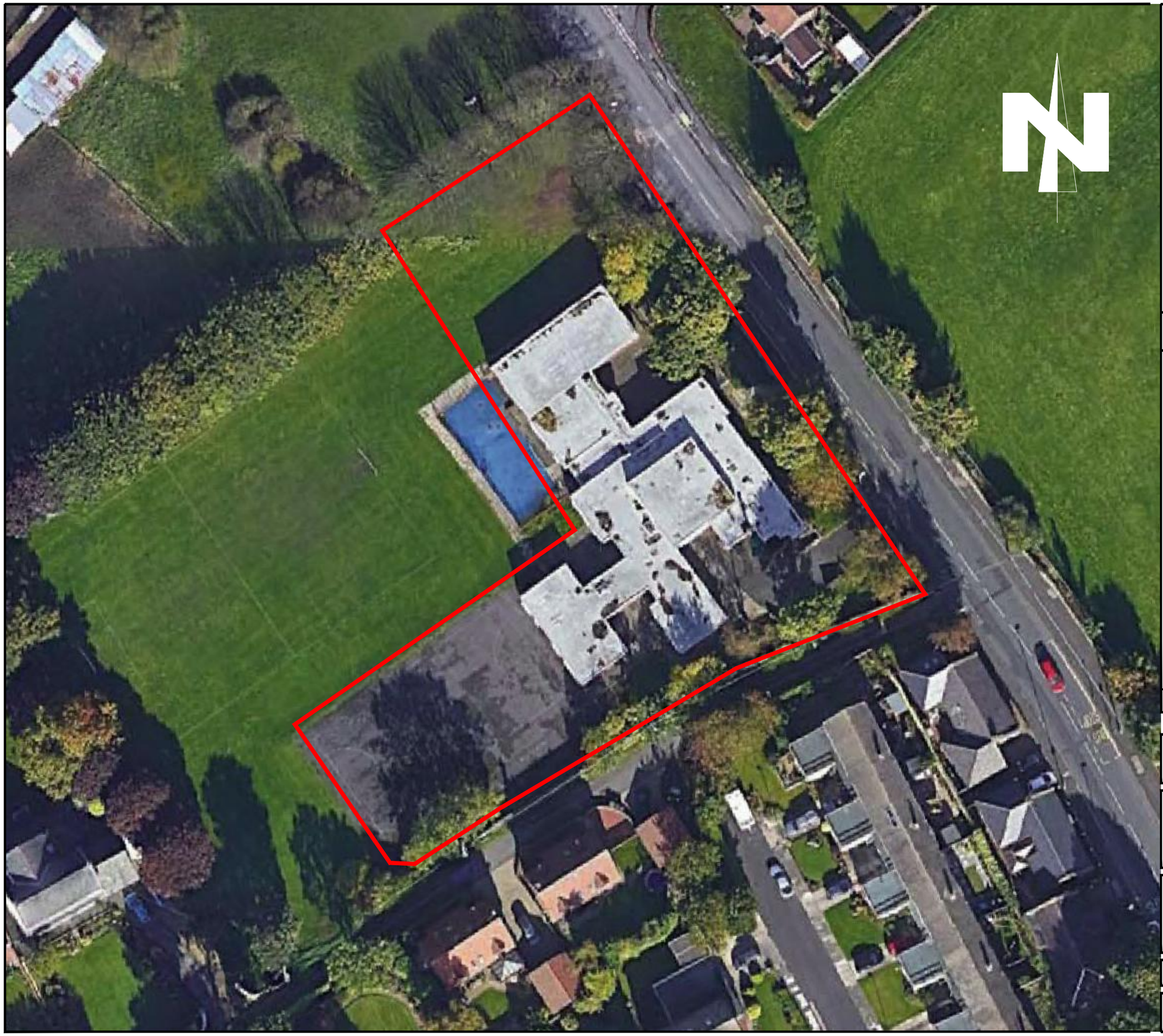
| Job Reference: | Drawing Number: | Revision: |
|---|---|---|
| 21-218 | _ | _ |

| Drawn by: | Date: | Scale at A4: |
|---|---|---|
| P.D | 18.04.17 | As Shown |

| Checked by: | Approved by: | |
|---|---|---|
| M.H | M.H | The contractor shall check all dimensions on site before commencement of any works. No dimensions to be scaled off this drawing. |

© Copyright Reserved

**ARC ENVIRONMENTAL LTD**
Solum House
Unit 1 Elliott Court
St. John's Road
Meadowfield
Durham
DH7 8PN
Tel: (0191) 378 6380
Fax: (0191) 378 0494
e-mail: admin@arc-environmental.com
web: www.arc-environmental.com




**ARC ENVIRONMENTAL LTD**
Solum House
Unit 1 Elliott Court
St. John's Road
Meadowfield
Durham, DH7 8PN
Tel: (0191) 378 6380
Fax: (0191) 378 0494
e-mail: admin@arc-environmental.com
web: www.arc-environmental.com



The contractor shall check all dimensions on site before commencement of any works. No dimensions to be scaled off this drawing.
© Copyright Reserved


| LEGEND | |
|---|---|
| | APPROXIMATE SITE BOUNDARY |

| rev. | date | amendments | drawn | chckd |
|---|---|---|---|---|
| | | | | |

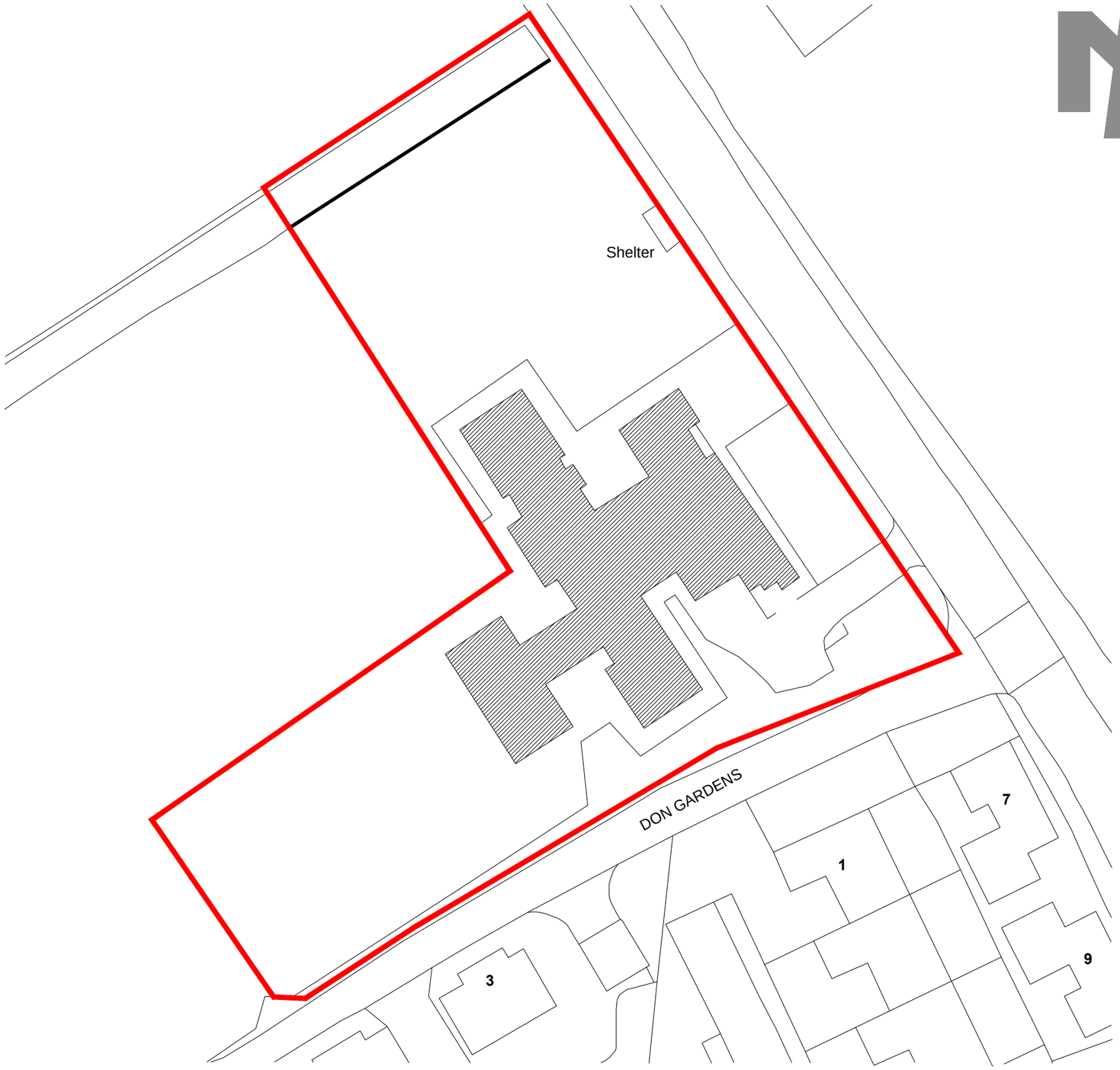
Client: **TELMAC DEVELOPMENTS LTD**

Project Title:
Former West Boldon Primary School
North Road, West Boldon
Tyne & Wear, NE36 0QE

Drawing Title:
Aerial Photograph

| Scale at A3: | Date: | Drawn by: | Approved by: |
|---|---|---|---|
| 1:500 @ A3 | 13.04.17 | P.D | M.H |

| Job Ref: | Drg no: | Rev: |
|---|---|---|
| 21-218 | — | — |




**ARC ENVIRONMENTAL LTD**
Solum House
Unit 1 Elliott Court
St. John's Road
Meadowfield
Durham, DH7 8PN
Tel: (0191) 378 6380
Fax: (0191) 378 0494
e-mail: admin@arc-environmental.com
web: www.arc-environmental.com

The contractor shall check all dimensions on site before commencement of any works. No dimensions to be scaled off this drawing.
© Copyright Reserved

LEGEND

| | |
|---|---|
| | APPROXIMATE SITE BOUNDARY |

| rev. | date | amendments | drawn | chckd |
|---|---|---|---|---|

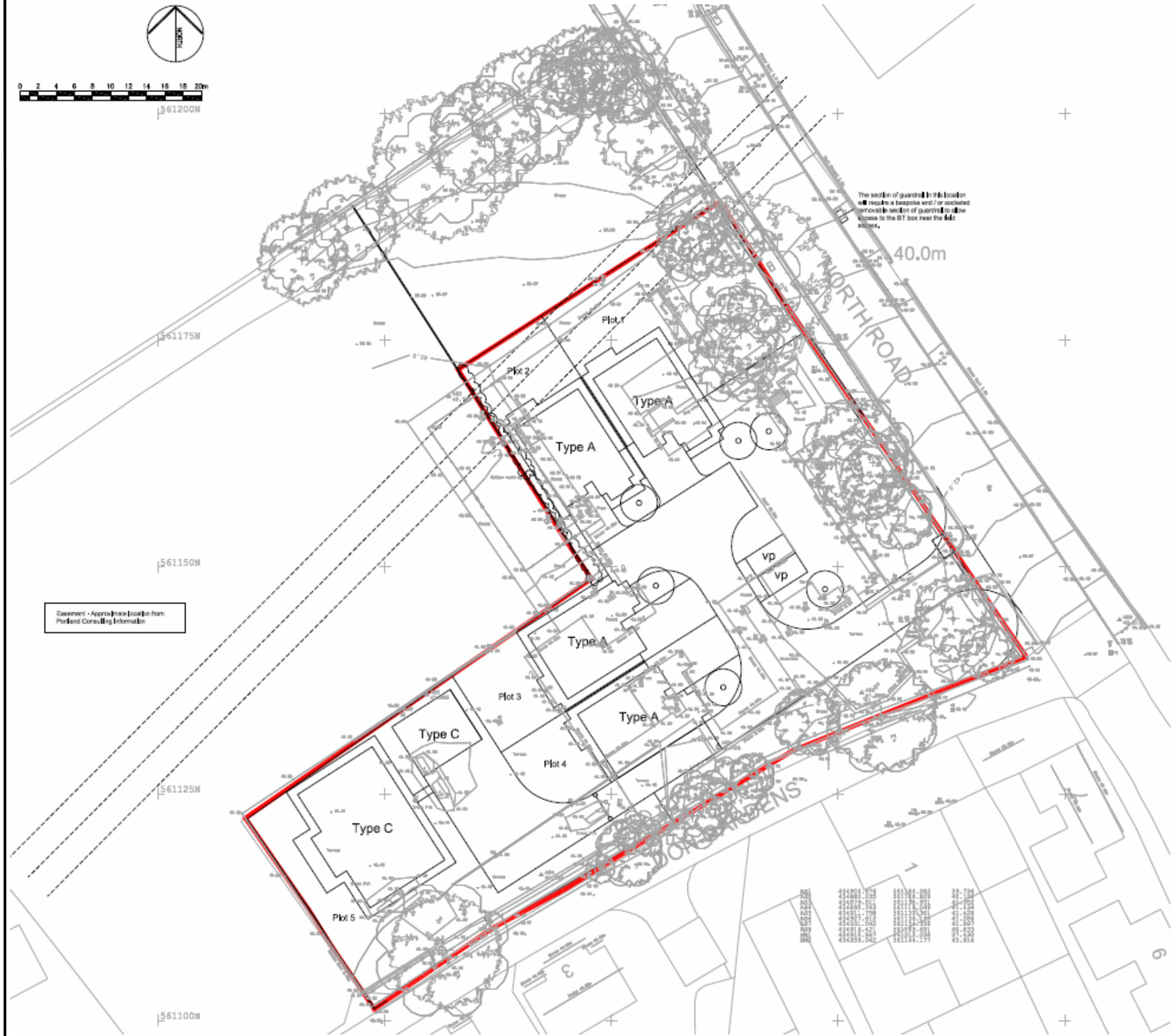
Client:
**TELMAC DEVELOPMENTS LTD**

Project Title:
Former West Boldon Primary School
North Road, West Boldon
Tyne & Wear, NE36 0QE

Drawing Title:
Existing Site Layout Plan

| Scale at A3: | Date: | Drawn by: | Approved by: |
|---|---|---|---|
| 1:500 @ A3 | 13.04.17 | P.D | M.H |

| Job Ref: | Drg no: | Rev: |
|---|---|---|
| 21-218 | — | — |




**ARC ENVIRONMENTAL LTD**
Solum House
Unit 1 Elliott Court
St. John's Road
Meadowfield
Durham, DH7 8PN
Tel: (0191) 378 6380
Fax: (0191) 378 0494
e-mail: admin@arc-environmental.com
web: www.arc-environmental.com

The contractor shall check all dimensions on site before commencement of any works. No dimensions to be scaled off this drawing.
© Copyright Reserved

| rev. | date | amendments | drawn | chckd |
|---|---|---|---|---|

Client:
TELMAC DEVELOPMENTS LTD

Project Title:
Former West Boldon Primary School, North Road, West Boldon, Tyne & Wear, NE36 0QE

Drawing Title:
Proposed Site Development Plans

| Scale at A3: | Date: | Drawn by: | Approved by: |
|---|---|---|---|
| | 21/04/21 | | |

| Job Ref: | Drg no: | Rev: |
|---|---|---|
| 21-218 | | |




PLATE 1


PLATE 2


PLATE 3


PLATE 4


PLATE 5

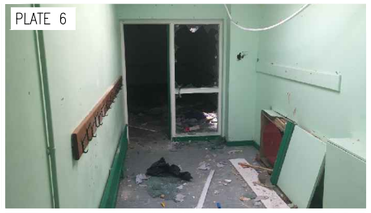


PLATE 6


PLATE 7


PLATE 8


PLATE 9


PLATE 10


PLATE 11


PLATE 12


PLATE 13


PLATE 14


PLATE 15


PLATE 16


PLATE 17

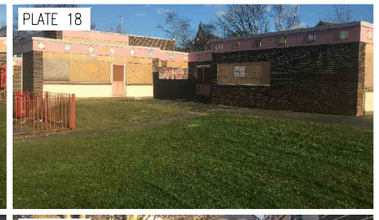


PLATE 18


PLATE 19

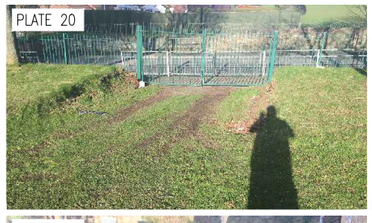


PLATE 20


PLATE 21


PLATE 22


PLATE 23


PLATE 24


PLATE 25


PLATE 26


PLATE 27


**ARC ENVIRONMENTAL LTD**
Solum House
Unit 1 Elliott Court
St. John's Road
Meadowfield
Durham, DH7 8PN
Tel: (0191) 378 6380
Fax: (0191) 378 0494
e-mail: admin@arc-environmental.com
web: www.arc-environmental.com



The contractor shall check all dimensions on site before commencement of any works. No dimensions to be scaled off this drawing.
© Copyright Reserved


SITE INFORMATION:

- THE SITE IS LOCATED OFF NORTH ROAD, WITHIN THE DISTRICT OF WEST BOLDON, TYNE AND WEAR.N, E AND W= OPEN COMMUNIAL AREAS, DIRECTLY TO THE EAST NORTH ROAD. S = DON GARDENS STREET AND RESIDENTIAL HOUSING.THE SITE IS RECTANGULAR IN SHAPE, OCCUPYING A TOTAL AREA OF C.0.83 HECTARES (HA)
- PROPOSALS INVOLVE THE DEMOLITION OF THE EXISTING SCHOOL BUILDING AND DEVELOPMENT OF 16 NO. RESIDENTIAL DWELLINGS
- ON THE NORTHERN AND SOUTHERN BOUNDARIES, THE SITE SLOPES TOWARDS THE NORTH. THE MAJORITY OF THE SITE IS GENERALLY LEVEL
- IN THE SOUTH EASTERN AREA OF THE SITE BOUNDARY THERE ARE SEVERAL RETAINING WALLS PRESENT SURROUNDING THE EXISTING BUILDING THAT IS PRESENT
- THE SITE, FROM THE WALKOVER LOOKS TO HAVE AREAS OF 'CUT AND FILL'.
- THE SITE IS PREDOMINATELY COVERED WITH GRASSED AREAS. THERE ARE SOME AREAS OF HARDSTANDING SURROUNDING THE SCHOOL BUILDING AND WHERE THE SCHOOL YARD IS
- THE AREA IS STILL MAINTAINED DUE TO THE SCHOOL STILL USING THE FIELD FOR SPORTS.THERE IS ONE ABOVE GROUND STRUCTURE, THE DISUSED BOLDON CE PRIMARY SCHOOL
- THE BUILDING OCCUPIES OVER HALF THE SITE FROM THE SOUTH EASTERN CORNER. THE SCHOOL IS BUILT OVER SPLIT LEVELS AS NOTICED DURING THE RECONNAISSANCE WALKOVER SURVEY
- SEVERAL SERVICES ARE PRESENT WITHIN THE BOUNDARY OF THE SITE RANGING FROM DRAINAGE, LAMP-POSTS, AND OVERHEAD BT CABLES. OTHER SERVICES SHOULD BE ANTICIPATED (GAS, WATER, ETC.) DUE TO THE SITE'S PREVIOUS OCCUPATION, AND THESE SHOULD BE ASSUMED TO STILL BE LIVE
- SERVICE INFORMATION SHOULD BE OBTAINED PRIOR TO UNDERTAKING ANY INTRUSIVE WORKS
- SUB-SURFACE STRUCTURES COULD ALSO BE PRESENT ASSOCIATED WITH THE DEMOLITION OF THE FORMER CHILDREN'S SOCIAL SERVICES OFFICES AND FURTHER INVESTIGATION SHOULD BE UNDERTAKEN.

| rev. | date | amendments | drawn | chckd |
|---|---|---|---|---|

Client:
**TELMAC DEVELOPMENTS LTD**

**Project Title:**
Former West Boldon Primary School
North Road, West Boldon
Tyne & Wear, NE36 0QE

**Drawing Title:**
Site Photographic Record Sheet (1)

| Scale at A3: | Date: | Drawn by: | Approved by: |
|---|---|---|---|
| NTS @ A3 | 13.04.17 | P.D | M.H |

| Job Ref: | Drg no: | Rev: |
|---|---|---|
| 21-218 | — | — |

# APPENDIX II

## CON29M Non-Residential Mining Report

The Coal Authority

Resolving the impacts of mining

# CON29M Non-Residential Mining Report





## BOLDON CE PRIMARY SCHOOL
## RECTORY BANK
## WEST BOLDON
## TYNE & WEAR




| | |
|---|---|
| Date of enquiry: | 10 March 2017 |
| Date enquiry received: | 10 March 2017 |
| Issue date: | 10 March 2017 |
| Our reference: | 51001395199001 |
| Your reference: | 117253263_2\| |

# CON29M Non-Residential Mining Report

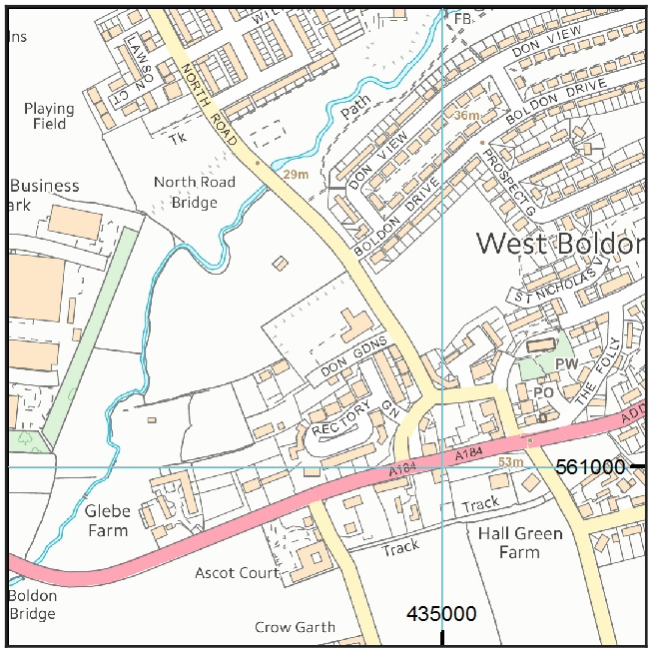
This report is based on, and limited to, the records held by the Coal Authority and the Cheshire Brine Subsidence Compensation Board's records, at the time we answer the search.

**Client name**

LANDMARK INFORMATION GROUP LIMITED

**Enquiry address**

BOLDON CE PRIMARY SCHOOL, RECTORY BANK, WEST BOLDON, TYNE & WEAR




Approximate position of property

Reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database right 2017. All rights reserved.

Ordnance Survey Licence number: 100020315

## How to contact us


0345 762 6848 (UK)
+44 (0)1623 637 000 (International)

200 Lichfield Lane
Mansfield
Nottinghamshire
NG18 4RG

www.groundstability.com

/company/the-coal-authority
/thecoalauthority
/coalauthority

# Summary

| Has the search report highlighted evidence or potential of | | |
|---|---|---|
| 1 | Past underground coal mining | Yes |
| 2 | Present underground coal mining | No |
| 3 | Future underground coal mining | Yes |
| 4 | Mine entries | No |
| 5 | Coal mining geology | No |
| 6 | Past opencast coal mining | No |
| 7 | Present opencast coal mining | No |
| 8 | Future opencast coal mining | No |
| 9 | Coal mining subsidence | No |
| 10 | Mine gas | No |
| 11 | Hazards related to coal mining | No |
| 12 | Withdrawal of support | No |
| 13 | Working facilities order | No |
| 14 | Payments to owners of former copyhold land | No |
| 15 | Information from the Cheshire Brine Subsidence Compensation Board | No |

**For detailed findings, please go to page 4.**

# Detailed findings

### 1. Past underground coal mining

The property is in a surface area that could be affected by underground mining in 2 seams of coal at 440m to 560m depth, and last worked in 1953.

Any movement in the ground due to coal mining activity should have stopped.

### 2. Present underground coal mining

The property is not within a surface area that could be affected by present underground mining.

### 3. Future underground coal mining

The property is not in an area where the Coal Authority has plans to grant a licence to remove coal using underground methods.

The property is not in an area where a licence has been granted to remove or otherwise work coal using underground methods.

The property is not in an area likely to be affected from any planned future underground coal mining.

However, reserves of coal exist in the local area which could be worked at some time in the future.

No notices have been given, under section 46 of the Coal Mining Subsidence Act 1991, stating that the land is at risk of subsidence.

### 4. Mine entries

There are no known coal mine entries within, or within 20 metres of, the boundary of the property.

### 5. Coal mining geology

The Coal Authority is not aware of any damage due to geological faults or other lines of weakness that have been affected by coal mining.

### 6. Past opencast coal mining
The property is not within the boundary of an opencast site from which coal has been removed by opencast methods.

### 7. Present opencast coal mining
The property does not lie within 200 metres of the boundary of an opencast site from which coal is being removed by opencast methods.

### 8. Future opencast coal mining
There are no licence requests outstanding to remove coal by opencast methods within 800 metres of the boundary.

The property is not within 800 metres of the boundary of an opencast site for which a licence to remove coal by opencast methods has been granted.

### 9. Coal mining subsidence
The Coal Authority has not received a damage notice or claim for the subject property, or any property within 50 metres, since 31 October 1994.

There is no current Stop Notice delaying the start of remedial works or repairs to the property.

The Coal Authority is not aware of any request having been made to carry out preventive works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991.

### 10. Mine gas
The Coal Authority has no record of a mine gas emission requiring action.

### 11. Hazards related to coal mining
The property has not been subject to remedial works, by or on behalf of the Authority, under its Emergency Surface Hazard Call Out procedures.

### 12. Withdrawal of support
The property is not in an area where a notice to withdraw support has been given.

The property is not in an area where a notice has been given under section 41 of the Coal Industry Act 1994, cancelling the entitlement to withdraw support.

### 13. Working facilities order
The property is not in an area where an order has been made, under the provisions of the Mines (Working Facilities and Support) Acts 1923 and 1966 or any statutory modification or amendment thereof.

### 14. Payments to owners of former copyhold land

The property is not in an area where a relevant notice has been published under the Coal Industry Act 1975/Coal Industry Act 1994.

## 15. Information from the Cheshire Brine Subsidence Compensation Board

The property lies outside the Cheshire Brine Compensation District.

## Additional remarks

Information provided by the Coal Authority in this report is compiled in response to the Law Society's Con29M Coal Mining and Brine Subsidence Claim enquiries. The said enquiries are protected by copyright owned by the Law Society of 113 Chancery Lane, London WC2A 1PL. Please note that Brine Subsidence Claim enquiries are only relevant for England and Wales. This report is prepared in accordance with the Law Society's Guidance Notes 2006, the User Guide 2006 and the Coal Authority and Cheshire Brine Board's Terms and Conditions applicable at the time the report was produced.

## Disclaimer

The Coal Authority owns the copyright in this report and the information used to produce this report is protected by our database rights. All rights are reserved and unauthorised use is prohibited. If we provide a report for you, this does not mean that copyright and any other rights will pass to you. However, you can use the report for your own purposes.

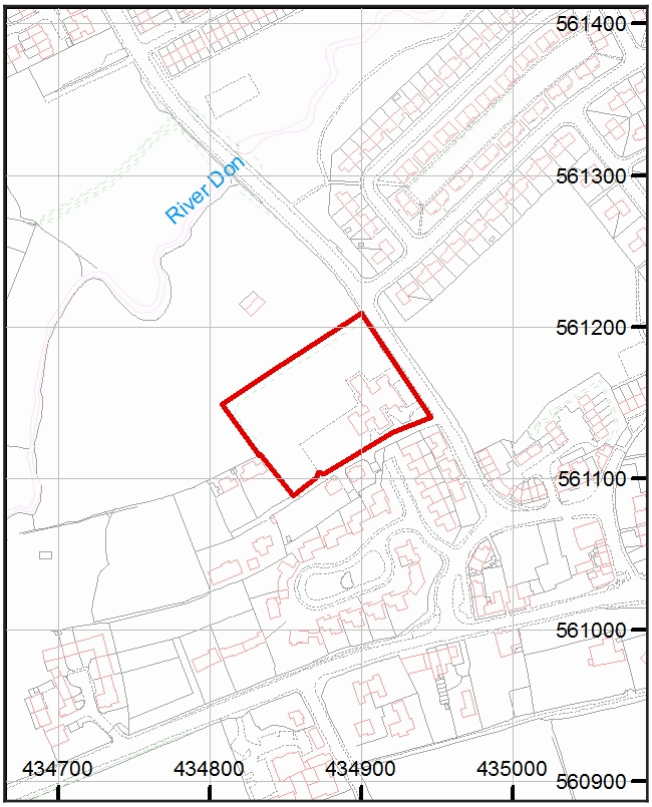
## Alternative formats

If you would like this report in an alternative format, please contact our communications team.

# Enquiry boundary

**Key**

Approximate position of enquiry boundary shown




Map data

Reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database right 2017. All rights reserved.

Ordnance Survey Licence number: 100020315

## How to contact us

0345 762 6848 (UK)
+44 (0)1623 637 000 (International)

200 Lichfield Lane
Mansfield
Nottinghamshire
NG18 4RG

www.groundstability.com

/company/the-coal-authority
/thecoalauthority
/coalauthority

# APPENDIX III

## Landmark Envirocheck Report

# Envirocheck® Report:

# Datasheet

## Order Details:

**Order Number:**
117253263_1_1

**Customer Reference:**
17-179 MH

**National Grid Reference:**
434880, 561150

**Slice:**
A

**Site Area (Ha):**
0.83

**Search Buffer (m):**
1000

## Site Details:

Boldon CE Primary School
Rectory Bank
WEST BOLDON
NE36 0QE

## Client Details:

Mr K Moir
Arc Environmental Ltd
Unit 1
Elliot Court
St John's Road
Meadowfield
Durham
DH7 8PN

# Contents


| Report Section | Page Number |
|---|---|
| Summary | - |
| Agency & Hydrological | 1 |
| Waste | 12 |
| Hazardous Substances | - |
| Geological | 15 |
| Industrial Land Use | 22 |
| Sensitive Land Use | 32 |
| Data Currency | 33 |
| Data Suppliers | 38 |
| Useful Contacts | 39 |


**Introduction**

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination.
For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.

In the attached datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

**Copyright Notice**


© Landmark Information Group Limited 2017. The Copyright on the information and data and its format as contained in this Envirocheck® Report ("Report") is the property of Landmark Information Group Limited ("Landmark") and several other Data Providers, including (but not limited to) Ordnance Survey, British Geological Survey, the Environment Agency/Natural Resources Wales and Natural England, and must not be reproduced in whole or in part by photocopying or any other method. The Report is supplied under Landmark's Terms and Conditions accepted by the Customer.
A copy of Landmark's Terms and Conditions can be found with the Index Map for this report. Additional copies of the Report may be obtained from Landmark, subject to Landmark's charges in force from time to time. The Copyright, design rights and any other intellectual rights shall remain the exclusive property of Landmark and /or other Data providers, whose Copyright material has been included in this Report.


**Natural England Copyright Notice**


Site of Special Scientific Interest, National Nature Reserve, Ramsar, Special Protection Area, Special Conservation Area, Marine Nature Reserve data (derived from Ordnance Survey 1:10000 raster) is provided by, and used with the permission of, Natural England who retain the copyright and Intellectual Property Rights for the data.


**Ove Arup Copyright Notice**


The Data provided in this report was obtained on Licence from Ove Arup & Partners Limited (for further information, contact mining.review@arup.com). No reproduction or further use of such Data is to be made without the prior written consent of Ove Arup & Partners Limited. The information and data supplied in the product are derived from publicly available records and other third party sources and neither Ove Arup & Partners nor Landmark warrant the accuracy or completeness of such information or data.


**Peter Brett Associates Copyright Notice**


The cavity data presented has been extracted from the PBA enhanced version of the original DEFRA national cavity databases. PBA/DEFRA retain the copyright & intellectual property rights in the data. Whilst all reasonable efforts are made to check that the information contained in the cavity databases is accurate we do not warrant that the data is complete or error free. The information is based upon our own researches and those collated from a number of external sources and is continually being augmented and updated by PBA. In no event shall PBA/DEFRA or Landmark be liable for any loss or damage including, without limitation, indirect or consequential loss or damage arising from the use of this data.


**Radon Potential dataset Copyright Notice**


Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England.


**Report Version v50.0**

# Summary

| Data Type | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---|---|---|---|---|---|
| **Agency & Hydrological** | | | | | |
| BGS Groundwater Flooding Susceptibility | pg 1 | Yes | Yes | Yes | n/a |
| Contaminated Land Register Entries and Notices | | | | | |
| Discharge Consents | pg 2 | | | 7 | 1 |
| Prosecutions Relating to Controlled Waters | | | n/a | n/a | n/a |
| Enforcement and Prohibition Notices | | | | | |
| Integrated Pollution Controls | | | | | |
| Integrated Pollution Prevention And Control | | | | | |
| Local Authority Integrated Pollution Prevention And Control | pg 4 | | | 1 | |
| Local Authority Pollution Prevention and Controls | pg 4 | | 1 | 3 | 5 |
| Local Authority Pollution Prevention and Control Enforcements | | | | | |
| Nearest Surface Water Feature | pg 5 | | Yes | | |
| Pollution Incidents to Controlled Waters | pg 5 | | 1 | | 1 |
| Prosecutions Relating to Authorised Processes | pg 6 | | | 1 | |
| Registered Radioactive Substances | pg 6 | | | 9 | |
| River Quality | pg 7 | | 1 | | |
| River Quality Biology Sampling Points | | | | | |
| River Quality Chemistry Sampling Points | | | | | |
| Substantiated Pollution Incident Register | | | | | |
| Water Abstractions | pg 8 | | | | 4 |
| Water Industry Act Referrals | pg 8 | | | 2 | |
| Groundwater Vulnerability | pg 9 | Yes | n/a | n/a | n/a |
| Drift Deposits | pg 9 | 1 | n/a | n/a | n/a |
| Bedrock Aquifer Designations | pg 9 | Yes | n/a | n/a | n/a |
| Superficial Aquifer Designations | pg 9 | Yes | n/a | n/a | n/a |
| Source Protection Zones | pg 9 | | 1 | | |
| Extreme Flooding from Rivers or Sea without Defences | pg 9 | | Yes | n/a | n/a |
| Flooding from Rivers or Sea without Defences | pg 11 | | Yes | n/a | n/a |
| Areas Benefiting from Flood Defences | | | | n/a | n/a |
| Flood Water Storage Areas | | | | n/a | n/a |
| Flood Defences | | | | n/a | n/a |
| Detailed River Network Lines | pg 11 | | Yes | | n/a |
| Detailed River Network Offline Drainage | | | | | n/a |

# Summary

| Data Type | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---|---|---|---|---|---|
| **Waste** | | | | | |
| BGS Recorded Landfill Sites | | | | | |
| Historical Landfill Sites | pg 12 | | | | 1 |
| Integrated Pollution Control Registered Waste Sites | | | | | |
| Licensed Waste Management Facilities (Landfill Boundaries) | | | | | |
| Licensed Waste Management Facilities (Locations) | pg 12 | | | | 3 |
| Local Authority Landfill Coverage | pg 12 | 1 | n/a | n/a | n/a |
| Local Authority Recorded Landfill Sites | | | | | |
| Potentially Infilled Land (Non-Water) | pg 12 | | 2 | 2 | 3 |
| Potentially Infilled Land (Water) | pg 13 | | 1 | 3 | 7 |
| Registered Landfill Sites | pg 14 | | | | 2 |
| Registered Waste Transfer Sites | | | | | |
| Registered Waste Treatment or Disposal Sites | | | | | |
| **Hazardous Substances** | | | | | |
| Control of Major Accident Hazards Sites (COMAH) | | | | | |
| Explosive Sites | | | | | |
| Notification of Installations Handling Hazardous Substances (NIHHS) | | | | | |
| Planning Hazardous Substance Consents | | | | | |
| Planning Hazardous Substance Enforcements | | | | | |

# Summary

| Data Type | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---|---|---|---|---|---|
| **Geological** | | | | | |
| BGS 1:625,000 Solid Geology | pg 15 | Yes | n/a | n/a | n/a |
| BGS Estimated Soil Chemistry | pg 15 | Yes | Yes | Yes | Yes |
| BGS Recorded Mineral Sites | pg 17 | | 2 | 2 | 5 |
| BGS Urban Soil Chemistry | | | | | |
| BGS Urban Soil Chemistry Averages | | | | | |
| CBSCB Compensation District | | | n/a | n/a | n/a |
| Coal Mining Affected Areas | pg 19 | Yes | n/a | n/a | n/a |
| Mining Instability | pg 19 | Yes | n/a | n/a | n/a |
| Man-Made Mining Cavities | | | | | |
| Natural Cavities | | | | | |
| Non Coal Mining Areas of Great Britain | | | | n/a | n/a |
| Potential for Collapsible Ground Stability Hazards | pg 19 | Yes | Yes | n/a | n/a |
| Potential for Compressible Ground Stability Hazards | pg 19 | | Yes | n/a | n/a |
| Potential for Ground Dissolution Stability Hazards | pg 19 | | Yes | n/a | n/a |
| Potential for Landslide Ground Stability Hazards | pg 20 | Yes | Yes | n/a | n/a |
| Potential for Running Sand Ground Stability Hazards | pg 20 | Yes | Yes | n/a | n/a |
| Potential for Shrinking or Swelling Clay Ground Stability Hazards | pg 20 | Yes | Yes | n/a | n/a |
| Radon Potential - Radon Affected Areas | pg 21 | Yes | n/a | n/a | n/a |
| Radon Potential - Radon Protection Measures | | | n/a | n/a | n/a |
| **Industrial Land Use** | | | | | |
| Contemporary Trade Directory Entries | pg 22 | | 4 | 9 | 51 |
| Fuel Station Entries | pg 27 | | 1 | | 1 |
| Points of Interest - Commercial Services | pg 28 | | | | 18 |
| Points of Interest - Education and Health | pg 29 | | | | 1 |
| Points of Interest - Manufacturing and Production | pg 29 | | 1 | 2 | 5 |
| Points of Interest - Public Infrastructure | pg 30 | | | 3 | 7 |
| Points of Interest - Recreational and Environmental | pg 31 | | 2 | 3 | 2 |
| Gas Pipelines | | | | | |
| Underground Electrical Cables | | | | | |

# Summary

| Data Type | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---|---|---|---|---|---|
| **Sensitive Land Use** | | | | | |
| Ancient Woodland | | | | | |
| Areas of Adopted Green Belt | pg 32 | | 1 | | |
| Areas of Unadopted Green Belt | | | | | |
| Areas of Outstanding Natural Beauty | | | | | |
| Environmentally Sensitive Areas | | | | | |
| Forest Parks | | | | | |
| Local Nature Reserves | | | | | |
| Marine Nature Reserves | | | | | |
| National Nature Reserves | | | | | |
| National Parks | | | | | |
| Nitrate Sensitive Areas | | | | | |
| Nitrate Vulnerable Zones | | | | | |
| Ramsar Sites | | | | | |
| Sites of Special Scientific Interest | | | | | |
| Special Areas of Conservation | | | | | |
| Special Protection Areas | | | | | |
| World Heritage Sites | | | | | |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | A13NW (W) | 0 | 2 | 434850 561150 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | A13SW (W) | 8 | 2 | 434800 561148 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | A13SE (E) | 54 | 2 | 435000 561148 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | A13NW (N) | 63 | 2 | 434850 561250 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | A13NE (N) | 92 | 2 | 434877 561300 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | A13SE (S) | 100 | 2 | 434900 561000 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13SW (SW) | 105 | 2 | 434750 561050 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | A13SW (W) | 118 | 2 | 434700 561100 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13SE (SE) | 127 | 2 | 434950 561000 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | A13NE (N) | 142 | 2 | 434900 561350 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13SW (SW) | 176 | 2 | 434700 561000 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13SE (SE) | 196 | 2 | 435000 560950 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | A13SW (SW) | 215 | 2 | 434650 561000 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13SE (S) | 244 | 2 | 434900 560850 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13SW (S) | 245 | 2 | 434800 560850 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | A13NE (N) | 262 | 2 | 435000 561450 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13SE (S) | 280 | 2 | 435000 560850 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | A8NE (S) | 305 | 2 | 434950 560800 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | A13SE (SE) | 308 | 2 | 435050 560850 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | A13SW (SW) | 317 | 2 | 434600 560900 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | A8NE (S) | 324 | 2 | 435000 560800 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | A18SE (NE) | 328 | 2 | 435050 561500 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | A8NE (SE) | 349 | 2 | 435050 560800 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | A18SE (NE) | 396 | 2 | 435100 561550 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | A12SE (W) | 434 | 2 | 434400 561000 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | A8NW (S) | 439 | 2 | 434850 560650 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A18SE (NE) | 455 | 2 | 435200 561550 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | A7NE (SW) | 496 | 2 | 434450 560800 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A8NW (S) | 500 | 2 | 434750 560600 |
| 1 | **Discharge Consents**<br>Operator: Carlton Developments<br>Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)<br>Location: Glebe Farm, Newcastle Road, Boldon, South Tyneside<br>Authority: Environment Agency, North East Region<br>Catchment Area: Not Supplied<br>Reference: 235/1892<br>Permit Version: 1<br>Effective Date: 26th August 2004<br>Issued Date: 26th August 2004<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: River Don<br>**Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)**<br>Positional Accuracy: Located by supplier to within 100m | A13SW (SW) | 255 | 3 | 434600 561000 |
| 2 | **Discharge Consents**<br>Operator: Punch Taverns (Pml) Limited<br>Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)<br>Location: Travelling Man Public House, West Boldon, Tyne & Wear<br>Authority: Environment Agency, North East Region<br>Catchment Area: Not Given<br>Reference: 235/1607<br>Permit Version: 2<br>Effective Date: 5th February 2000<br>Issued Date: 15th April 1997<br>Revocation Date: 19th October 2007<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Don<br>**Status: Revoked: Discharge ceased (Water Act 1989, Schedule 12 & 6)**<br>Positional Accuracy: Located by supplier to within 10m | A13SW (SW) | 347 | 3 | 434560 560900 |
| 3 | **Discharge Consents**<br>Operator: Unknown,<br>Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)<br>Location: Railway Tavern, The, West Boldon, County Durham<br>Authority: Environment Agency, North East Region<br>Catchment Area: Not Supplied<br>Reference: 235/D/0058<br>Permit Version: 1<br>Effective Date: 27th May 1966<br>Issued Date: 27th May 1966<br>Revocation Date: 7th August 1992<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Don<br>**Status: Authorisation revokedRevoked**<br>Positional Accuracy: Located by supplier to within 10m | A13SW (SW) | 349 | 3 | 434600 560850 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 4 | **Discharge Consents**<br>Operator: Mr D Colley<br>Property Type: FARMS (NOT HOUSE)/CROP + ANIMAL REARING/PLANT NURSERY<br>Location: Mount Pleasant Farm, West Boldon, Tyne And Wear<br>Authority: Environment Agency, North East Region<br>Catchment Area: Tyne (Lower)/Team/Don<br>Reference: 235/1208<br>Permit Version: 1<br>Effective Date: 24th August 1992<br>Issued Date: 24th August 1992<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Don (Tyne)<br>**Status: New Consent, by Application (Water Resources Act 1991, Section 88)**<br>Positional Accuracy: Located by supplier to within 10m | A12SE (SW) | 383 | 3 | 434530 560880 |
| 4 | **Discharge Consents**<br>Operator: Mr D Colley<br>Property Type: FARMS (NOT HOUSE)/CROP + ANIMAL REARING/PLANT NURSERY<br>Location: Mount Pleasant Farm, West Boldon, Tyne And Wear<br>Authority: Environment Agency, North East Region<br>Catchment Area: Not Supplied<br>Reference: 235/C/0101<br>Permit Version: 1<br>Effective Date: 17th November 1967<br>Issued Date: 17th November 1967<br>Revocation Date: 24th August 1992<br>Discharge Type: Agriculture - Livestock Farming<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Don<br>**Status: Authorisation revokedRevoked**<br>Positional Accuracy: Located by supplier to within 10m | A12SE (SW) | 395 | 3 | 434500 560900 |
| 5 | **Discharge Consents**<br>Operator: Prestige Inns<br>Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)<br>Location: Travelling Man Public House, West Boldon<br>Authority: Environment Agency, North East Region<br>Catchment Area: Not Given<br>Reference: 235/1607<br>Permit Version: 1<br>Effective Date: 15th April 1997<br>Issued Date: 15th April 1997<br>Revocation Date: 4th February 2000<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Don<br>**Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)**<br>Positional Accuracy: Located by supplier to within 10m | A12SE (W) | 434 | 3 | 434400 561000 |
| 5 | **Discharge Consents**<br>Operator: Prestige Inns<br>Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)<br>Location: Travelling Man Public House, West Boldon<br>Authority: Environment Agency, North East Region<br>Catchment Area: Tyne (Lower)/Team/Don<br>Reference: 235/1159<br>Permit Version: 1<br>Effective Date: 19th August 1992<br>Issued Date: 19th August 1992<br>Revocation Date: 30th September 1996<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Don<br>**Status: Lapsed (under Environment Act 1995, Schedule 23)**<br>Positional Accuracy: Located by supplier to within 100m | A12SE (W) | 434 | 3 | 434400 561000 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 6 | **Discharge Consents**<br>Operator: National Grid Electricity Transmission Plc<br>Property Type: EDUCATION/NURSERY/SCHOOL/COLLEGE/UNI/TRAINING VENUE<br>Location: West Boldon Environmental Education, Newcastle Road, West Boldon, Tyne And Wear, Ne36 0bg<br>Authority: Environment Agency, North East Region<br>Catchment Area: Not Supplied<br>Reference: Npswqd009462<br>Permit Version: 1<br>Effective Date: 23rd December 2009<br>Issued Date: 23rd December 2009<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Tributary Of River Don<br>**Status:** **New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)**<br>Positional Accuracy: Located by supplier to within 10m | A7NE (SW) | 733 | 3 | 434291 560620 |
| 7 | **Local Authority Integrated Pollution Prevention And Control**<br>Name: Hashimoto Ltd<br>Location: Unit 5 Didcot Way, Boldon Lane Business Park, Boldon, Ne35 9pd<br>Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department<br>Permit Reference: 003/1/6.4(a)/A2<br>Dated: 13th July 1994<br>Process Type: Other Activities<br>Description: Surface treatment using organic solvents<br>**Status:** **Permit Issued**<br>Positional Accuracy: Manually positioned to the address or location | A13NW (W) | 261 | 4 | 434550 561190 |
| 8 | **Local Authority Pollution Prevention and Controls**<br>Name: Bank Top Garage<br>Location: Addison Road, WEST BOLDON, Tyne and Wear, NE36 0RA<br>Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department<br>Permit Reference: 067/1.4(B)<br>Dated: Not Supplied<br>Process Type: Local Authority Air Pollution Control<br>Description: PG1/14 Petrol filling station<br>**Status:** **Authorised**<br>Positional Accuracy: Manually positioned to the address or location | A13SE (SE) | 235 | 4 | 435149 561022 |
| 9 | **Local Authority Pollution Prevention and Controls**<br>Name: Hashimoto Ltd<br>Location: Didcot Way, Boldon Business Park, BOLDON COLLIERY, Tyne and Wear, NE35 9PD<br>Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department<br>Permit Reference: 003/1/6.4(a)/A2<br>Dated: 13th July 1994<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG6/23 Coating of metal and plastic<br>**Status:** **Transferred to LAIPPC**<br>Positional Accuracy: Manually positioned to the address or location | A13NW (W) | 261 | 4 | 434550 561190 |
| 10 | **Local Authority Pollution Prevention and Controls**<br>Name: Thorn Emi Uk Rentals<br>Location: Unit 9 Didcot Way, Boldon Business Park, BOLDON COLLIERY, Tyne and Wear, NE35 9PD<br>Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department<br>Permit Reference: 029/6.5(A)<br>Dated: Not Supplied<br>Process Type: Local Authority Air Pollution Control<br>Description: PG6/23 Coating of metal and plastic<br>**Status:** **Authorised**<br>Positional Accuracy: Manually positioned to the address or location | A12SE (W) | 373 | 4 | 434438 561103 |
| 11 | **Local Authority Pollution Prevention and Controls**<br>Name: Hashimoto Ltd<br>Location: Unit 1 Didcot Way, Boldon Business Park, Boldon Colliery, Ne35 9pd<br>Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department<br>Permit Reference: STC/09/6.4(a)/B<br>Dated: 4th February 2010<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG6/32 Adhesive coating<br>**Status:** **Permitted**<br>Positional Accuracy: Manually positioned to the address or location | A12NE (W) | 436 | 4 | 434384 561249 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 12 | **Local Authority Pollution Prevention and Controls**<br>Name: Asda Boldon Petrol Filling Station<br>Location: North Road, BOLDON COLLIERY, Tyne and Wear, NE35 9AR<br>Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department<br>Permit Reference: STC/019/1.2(d&e)/PtB<br>Dated: 29th October 1999<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG1/14 Petrol filling station<br>**Status: Permitted**<br>Positional Accuracy: Manually positioned to the address or location | A17SE (NW) | 621 | 4 | 434478 561674 |
| 13 | **Local Authority Pollution Prevention and Controls**<br>Name: M & S Automotive Coatings<br>Location: Unit 8 Burford Way, Boldon Buisness Park, Boldon, Ne35 9pz<br>Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department<br>Permit Reference: Not Supplied<br>Dated: Not Supplied<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG6/23 Coating of metal and plastic<br>**Status: Application Not Yet Authorised**<br>Positional Accuracy: Located by supplier to within 100m | A12NW (W) | 724 | 4 | 434100 561300 |
| 14 | **Local Authority Pollution Prevention and Controls**<br>Name: Steve Watson Coachworks<br>Location: North Road, Boldon Colliery, Boldon Colliery, Ne35 9af<br>Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department<br>Permit Reference: 024/6.4(b)/PtB<br>Dated: Not Supplied<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG6/34 Respraying of road vehicles<br>**Status: Permitted**<br>Positional Accuracy: Located by supplier to within 100m | A17SE (NW) | 769 | 4 | 434400 561800 |
| 15 | **Local Authority Pollution Prevention and Controls**<br>Name: Mill Garage Ltd<br>Location: Unit 5 Brooklands Way, Boldon Business Park, Boldon, SOUTH SHIELDS, Tyne and Wear, NE36 0BQ<br>Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department<br>Permit Reference: 028/6.4(b)<br>Dated: 25th May 1999<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG6/34 Respraying of road vehicles<br>**Status: Permitted**<br>Positional Accuracy: Located by supplier to within 100m | A17SW (W) | 881 | 4 | 434000 561500 |
| 16 | **Local Authority Pollution Prevention and Controls**<br>Name: Fm Coatings Ltd<br>Location: Unit 15 Brookland Way, Boldon Business Park, Boldon, NE35 9NZ<br>Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department<br>Permit Reference: PPC/09/1<br>Dated: 23rd December 2009<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG6/34 Respraying of road vehicles<br>**Status: Permitted**<br>Positional Accuracy: Manually positioned to the address or location | A17SW (NW) | 921 | 4 | 434014 561616 |
| | **Nearest Surface Water Feature** | A13NW (NW) | 77 | - | 434768 561216 |
| 17 | **Pollution Incidents to Controlled Waters**<br>Property Type: Surface Water Sewers<br>Location: WEST BOLDON<br>Authority: Environment Agency, North East Region<br>Pollutant: Not Given<br>Note: Don<br>Incident Date: 10th November 1990<br>Incident Reference: 235/000367<br>Catchment Area: Not Given<br>Receiving Water: Freshwater Stream/River<br>Cause of Incident: Unknown<br>Incident Severity: Category 2 - Significant Incident<br>Positional Accuracy: Located by supplier to within 100m | A13NW (NW) | 186 | 3 | 434700 561300 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 18 | **Pollution Incidents to Controlled Waters**<br>Property Type: Other General Premises<br>Location: Boldon<br>Authority: Environment Agency, North East Region<br>Pollutant: Not Given<br>Note: Mount Pleasant Marsh<br>Incident Date: 13th July 1994<br>Incident Reference: 235/002410<br>Catchment Area: Not Given<br>Receiving Water: Pond/Lake<br>Cause of Incident: Unknown<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A12SW (W) | 750 | 3 | 434100 560900 |
| 19 | **Prosecutions Relating to Authorised Processes**<br>Location: North Road, Boldon Colliery<br>Prosecution Text: Unlawfully dumping waste - waste carrier license revoked<br>Prosecution Act: Epa90 S33<br>Hearing Date: 1st October 2009<br>Verdict: Guilty<br>Fine: 0<br>Costs: 0<br>Positional Accuracy: Manually positioned to the road within the address or location | A13NW (NW) | 284 | 3 | 434726 561434 |
| 20 | **Registered Radioactive Substances**<br>Name: Ids Ltd<br>Location: 10 Didcot Way, Boldon Business Park, BOLDON COLLIERY, Tyne And Wear, NE35 9PD<br>Authority: Environment Agency, North East Region<br>Permit Reference: AA1481<br>Dated: 19th June 1991<br>Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1)<br>Description: Registration under the Act of an open source which is also the subject of an authorisation dated pre April 1991<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Automatically positioned to the address | A12SE (W) | 446 | 3 | 434365 561091 |
| 20 | **Registered Radioactive Substances**<br>Name: Ids Ltd<br>Location: 10, Didcot Way, Boldon Business Park, BOLDON COLLIERY, Tyne and Wear, NE35 9PD<br>Authority: Environment Agency, North East Region<br>Permit Reference: Ca1693<br>Dated: 13th March 2006<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Minor variation to authorisation under RSA<br>**Status: Application has been authorised and any conditions apply to the operatorAuthorised**<br>Positional Accuracy: Automatically positioned to the address | A12SE (W) | 451 | 3 | 434360 561091 |
| 20 | **Registered Radioactive Substances**<br>Name: Ids Ltd<br>Location: UNIT 10, 10 Didcot Way, Boldon Business Park, BOLDON COLLIERY, Tyne and Wear, NE35 9PD<br>Authority: Environment Agency, North East Region<br>Permit Reference: Bw5179<br>Dated: 1st December 2003<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Minor variation to authorisation under RSA<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Automatically positioned to the address | A12SE (W) | 451 | 3 | 434360 561091 |
| 20 | **Registered Radioactive Substances**<br>Name: Ids Ltd<br>Location: 10 Didcot Way, Boldon Business Park, Boldon Colliery, Tyne And Wear, NE35 9PD<br>Authority: Environment Agency, North East Region<br>Permit Reference: Bk5975<br>Dated: 6th April 2001<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Substantial variation to authorisation under RSA<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Automatically positioned to the address | A12SE (W) | 451 | 3 | 434360 561091 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 20 | **Registered Radioactive Substances**<br>Name: Ids Ltd<br>Location: 10 Didcot Way, Boldon Business Park, Boldon Colliery, Tyne And Wear, NE35 9PD<br>Authority: Environment Agency, North East Region<br>Permit Reference: Bk5967<br>Dated: 6th April 2001<br>Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1)<br>Description: Substantial variation to a registration under the Act of an open source which is also the subject of an authorisation<br>**Status: Application has been authorised and any conditions apply to the operatorAuthorised**<br>Positional Accuracy: Automatically positioned to the address | A12SE (W) | 451 | 3 | 434360 561091 |
| 20 | **Registered Radioactive Substances**<br>Name: Ids Ltd<br>Location: Unit 10, Didcot Way, Boldon Business Park, Boldon Colliery, Tyne And Wear, NE35 9PD<br>Authority: Environment Agency, North East Region<br>Permit Reference: Bi9332<br>Dated: 11th August 2000<br>Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1)<br>Description: Minor variation to a registration under the Act of an open source which is also the subject of an authorisation<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Automatically positioned to the address | A12SE (W) | 451 | 3 | 434360 561091 |
| 20 | **Registered Radioactive Substances**<br>Name: Ids Ltd<br>Location: Unit 10, Didcot Way, Boldon Business Park, Boldon Colliery, Tyne And Wear, NE35 9PD<br>Authority: Environment Agency, North East Region<br>Permit Reference: Bi9324<br>Dated: 11th August 2000<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Minor variation to authorisation under RSA<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Automatically positioned to the address | A12SE (W) | 451 | 3 | 434360 561091 |
| 20 | **Registered Radioactive Substances**<br>Name: Ids Ltd<br>Location: Unit 10, Didcot Way, Boldon Business Park, BOLDON COLLIERY, Tyne And Wear, NE35 9PD<br>Authority: Environment Agency, North East Region<br>Permit Reference: AH5345<br>Dated: 10th February 1993<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Substantial variation to authorisation under RSA<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Automatically positioned to the address | A12SE (W) | 451 | 3 | 434360 561091 |
| 20 | **Registered Radioactive Substances**<br>Name: Ids Ltd<br>Location: Unit 10, Didcot Way, Boldon Business Park, BOLDON COLLIERY, Tyne And Wear, NE35 9PD<br>Authority: Environment Agency, North East Region<br>Permit Reference: AC1172<br>Dated: 31st March 1991<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Authorisation under RSA<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Automatically positioned to the address | A12SE (W) | 452 | 3 | 434360 561086 |
| | **River Quality**<br>Name: Don<br>GQA Grade: River Quality C<br>Reach: Strother_House_Tidal_Limi<br>Estimated Distance (km): 8.1<br>Flow Rate: Flow less than 0.31 cumecs<br>Flow Type: River<br>Year: 2000 | A13NW (NW) | 126 | 3 | 434767 561289 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 21 | **Water Abstractions**<br>Operator: North East Property Partnership Ltd<br>Licence Number: 1/23/05/028<br>Permit Version: 103<br>Location: Borehole - Coal Measures - Boldon<br>Authority: Environment Agency, North East Region<br>Abstraction: Business Parks: Lake & Pond Throughflow<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Boldon Business Park, Tyne & Wear<br>Authorised Start: 01 April<br>Authorised End: 31 March<br>Permit Start Date: 3rd November 2015<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A12SW (W) | 889 | 3 | 433920 561110 |
| 21 | **Water Abstractions**<br>Operator: North East Property Partnership Ltd<br>Licence Number: 1/23/05/028<br>Permit Version: 102<br>Location: Borehole - Coal Measures - Boldon<br>Authority: Environment Agency, North East Region<br>Abstraction: Business Parks: Lake & Pond Throughflow<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Boldon Business Park, Tyne & Wear<br>Authorised Start: 01 April<br>Authorised End: 31 March<br>Permit Start Date: 1st September 2006<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A12SW (W) | 889 | 3 | 433920 561110 |
| 21 | **Water Abstractions**<br>Operator: North East Property Partnership Ltd<br>Licence Number: 1/23/05/028<br>Permit Version: 101<br>Location: Borehole - Coal Measures - Boldon<br>Authority: Environment Agency, North East Region<br>Abstraction: Business Parks: Lake & Pond Throughflow<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Boldon Business Park, Tyne & Wear<br>Authorised Start: 01 April<br>Authorised End: 31 March<br>Permit Start Date: 1st April 2004<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A12SW (W) | 889 | 3 | 433920 561110 |
| 21 | **Water Abstractions**<br>Operator: One Northeast<br>Licence Number: 1/23/05/028<br>Permit Version: 100<br>Location: Borehole - Coal Measures - Boldon<br>Authority: Environment Agency, North East Region<br>Abstraction: Business Parks: Lake & Pond Throughflow<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): 220<br>Yearly Rate (m3): 80300<br>Details: Boldon Business Park, Tyne & Wear<br>Authorised Start: 01 April<br>Authorised End: 31 March<br>Permit Start Date: 2nd July 1999<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A12SW (W) | 889 | 3 | 433920 561110 |
| 22 | **Water Industry Act Referrals**<br>Name: Hashimoto Ltd<br>Location: UNIT 1 DIDCOT WAY, BOLDON BUSINESS PARK, BOLDON, TYNE AND WEAR, NE35 9PD<br>Authority: Environment Agency, North East Region<br>Permit Reference: AB4702<br>Dated: 31st October 1991<br>Process Type: Permissions or amendments to discharge under the Water Industry Act 1991<br>Description: Processes which result in the discharge of Special Category effluents under The Trade Effluents (Prescribed Processes and Substances) Regulations<br>**Status: Application cancelled**<br>Positional Accuracy: Automatically positioned to the address | A12NE (W) | 434 | 3 | 434384 561244 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 22 | **Water Industry Act Referrals**<br>Name: Hashimoto Ltd<br>Location: UNIT 5 DIDCOT WAY, BOLDON BUSINESS PARK, BOLDON COLLIERY, TYNE AND WEAR, NE35 9PD<br>Authority: Environment Agency, North East Region<br>Permit Reference: AV1696<br>Dated: 1st March 1996<br>Process Type: Permissions or amendments to discharge under the Water Industry Act 1991<br>Description: Processes which result in the discharge of Special Category effluents under The Trade Effluents (Prescribed Processes and Substances) Regulations<br>**Status: Application received by the EA but is not yet authorisedNot Yet Authorised**<br>Positional Accuracy: Automatically positioned to the address | A12NE (W) | 436 | 3 | 434384 561249 |
| | **Groundwater Vulnerability**<br>Soil Classification: Soils of High Leaching Potential (H3)- Coarse textured or moderately shallow soils which readily transmit non-absorbed pollutants and liquid discharges but which have some ability to attenuate absorbed pollutants because of their large clay or organic matter contents<br>Map Sheet: Sheet 5 Tyne and Tees<br>Scale: 1:100,000 | A13SE (E) | 0 | 3 | 434877 561148 |
| | **Groundwater Vulnerability**<br>Soil Classification: Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise<br>Map Sheet: Sheet 5 Tyne and Tees<br>Scale: 1:100,000 | A13NE (E) | 0 | 3 | 434902 561149 |
| | **Drift Deposits**<br>Drift Deposit: Low permeability drift deposits occuring at the surface and overlying Major and Minor Aquifers are head, clay-with-flints, brickearth, peat, river terrace deposits and marine and estuarine alluvium<br>Map Sheet: Sheet 5 Tyne and Tees<br>Scale: 1:100,000 | A13SE (E) | 0 | 3 | 434877 561148 |
| | **Bedrock Aquifer Designations**<br>Aquifer Designation: Principal Aquifer | A13SE (E) | 0 | 2 | 434911 561143 |
| | **Bedrock Aquifer Designations**<br>Aquifer Designation: Secondary Aquifer - A | A13SE (E) | 0 | 2 | 434877 561148 |
| | **Superficial Aquifer Designations**<br>Aquifer Designation: Unproductive Strata | A13SE (E) | 0 | 2 | 434877 561148 |
| | **Superficial Aquifer Designations**<br>Aquifer Designation: Secondary Aquifer - Undifferentiated | A13NW (NW) | 0 | 2 | 434847 561178 |
| 23 | **Source Protection Zones**<br>Name: Fulwell<br>Source: Environment Agency, Head Office<br>Reference: Ne031<br>Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source. | A13SE (SE) | 48 | 3 | 434977 561100 |
| | **Extreme Flooding from Rivers or Sea without Defences**<br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied | A13NW (NW) | 74 | 3 | 434775 561225 |
| | **Extreme Flooding from Rivers or Sea without Defences**<br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Events<br>Boundary Accuracy: As Supplied | A13NW (N) | 107 | 3 | 434862 561308 |
| | **Extreme Flooding from Rivers or Sea without Defences**<br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models and Fluvial Events<br>Boundary Accuracy: As Supplied | A13NW (N) | 111 | 3 | 434850 561309 |
| | **Extreme Flooding from Rivers or Sea without Defences**<br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied | A13NW (N) | 121 | 3 | 434870 561325 |
| | **Extreme Flooding from Rivers or Sea without Defences**<br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Events<br>Boundary Accuracy: As Supplied | A13NW (N) | 122 | 3 | 434870 561327 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Extreme Flooding from Rivers or Sea without Defences**<br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied | A13NW (N) | 124 | 3 | 434875 561330 |
| | **Extreme Flooding from Rivers or Sea without Defences**<br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Events<br>Boundary Accuracy: As Supplied | A13NW (N) | 129 | 3 | 434875 561334 |
| | **Extreme Flooding from Rivers or Sea without Defences**<br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied | A13NE (N) | 138 | 3 | 434884 561345 |
| | **Extreme Flooding from Rivers or Sea without Defences**<br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Events<br>Boundary Accuracy: As Supplied | A13NE (N) | 139 | 3 | 434885 561346 |
| | **Extreme Flooding from Rivers or Sea without Defences**<br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Events<br>Boundary Accuracy: As Supplied | A13NW (N) | 142 | 3 | 434820 561325 |
| | **Extreme Flooding from Rivers or Sea without Defences**<br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied | A13NE (N) | 142 | 3 | 434888 561350 |
| | **Extreme Flooding from Rivers or Sea without Defences**<br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Events<br>Boundary Accuracy: As Supplied | A13NE (N) | 145 | 3 | 434890 561353 |
| | **Extreme Flooding from Rivers or Sea without Defences**<br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Events<br>Boundary Accuracy: As Supplied | A13SW (W) | 147 | 3 | 434666 561109 |
| | **Extreme Flooding from Rivers or Sea without Defences**<br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied | A13NE (N) | 147 | 3 | 434892 561355 |
| | **Extreme Flooding from Rivers or Sea without Defences**<br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Events<br>Boundary Accuracy: As Supplied | A13NE (N) | 151 | 3 | 434895 561359 |
| | **Extreme Flooding from Rivers or Sea without Defences**<br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied | A13NE (N) | 152 | 3 | 434895 561360 |
| | **Extreme Flooding from Rivers or Sea without Defences**<br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Events<br>Boundary Accuracy: As Supplied | A13NE (N) | 157 | 3 | 434900 561365 |
| | **Extreme Flooding from Rivers or Sea without Defences**<br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied | A13NE (N) | 162 | 3 | 434904 561370 |
| | **Extreme Flooding from Rivers or Sea without Defences**<br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Events<br>Boundary Accuracy: As Supplied | A13NW (N) | 163 | 3 | 434855 561365 |
| | **Extreme Flooding from Rivers or Sea without Defences**<br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied | A13NW (N) | 164 | 3 | 434850 561364 |
| | **Extreme Flooding from Rivers or Sea without Defences**<br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied | A13NW (N) | 166 | 3 | 434855 561367 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Extreme Flooding from Rivers or Sea without Defences**<br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Events<br>Boundary Accuracy: As Supplied | A13NW (N) | 167 | 3 | 434860 561370 |
| | **Extreme Flooding from Rivers or Sea without Defences**<br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied | A13NW (N) | 168 | 3 | 434860 561371 |
| | **Extreme Flooding from Rivers or Sea without Defences**<br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Events<br>Boundary Accuracy: As Supplied | A13NE (N) | 172 | 3 | 434915 561380 |
| | **Extreme Flooding from Rivers or Sea without Defences**<br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied | A13NE (N) | 173 | 3 | 434916 561380 |
| | **Extreme Flooding from Rivers or Sea without Defences**<br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Events<br>Boundary Accuracy: As Supplied | A13NE (N) | 175 | 3 | 434920 561382 |
| | **Flooding from Rivers or Sea without Defences**<br>Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied | A13NW (NW) | 74 | 3 | 434765 561210 |
| | **Areas Benefiting from Flood Defences**<br>None | | | | |
| | **Flood Water Storage Areas**<br>None | | | | |
| | **Flood Defences**<br>None | | | | |
| 24 | **Detailed River Network Lines**<br>River Type: Primary River<br>River Name: River Don<br>Hydrographic Area: B13<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk Management Status: Flood Risk Management Indicative/Statutory Main River<br>Water Course Name: RIVER DON (NORTHUMBRIA)<br>Water Course Reference: 0143 | A13NW (NW) | 79 | 3 | 434766 561217 |
| | **Detailed River Network Offline Drainage**<br>None | | | | |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 25 | **Historical Landfill Sites**<br>Licence Holder: Cleartop Limited<br>Location: Downhill Lane, Boldon, Tyne and Wear<br>Name: Downhill Quarry North<br>Operator Location: Not Supplied<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD06287<br>First Input Date: 17th March 1980<br>Last Input Date: 28th April 1994<br>Specified Waste Type: Deposited Waste included Inert, Industrial, Commercial and Household Waste<br>EA Waste Ref: 67442<br>Regis Ref: TWR/L/CLE002<br>WRC Ref: 4500/0150<br>BGS Ref: Not Supplied<br>Other Ref: ST 042, TW 058 ST, TW 085 ST, 4500/0298, ST 011 | A8SE (S) | 630 | 3 | 434964 560468 |
| 26 | **Licensed Waste Management Facilities (Locations)**<br>Licence Number: 0<br>Location: Downhill Lane, West Boldon, Tyne & Wear, NE36 0AX<br>Operator Name: John T Barnes<br>Operator Location: Downhill Quarry, Downhill Lane, Boldon, Tyne & Wear, NE36 0AX<br>Authority: Environment Agency - North East Region, Northumbria Area<br>Site Category: Household, Commercial And Industrial Waste Landfills<br>**Licence Status: Surrendered**<br>Issued: 17th March 1980<br>Last Modified: Not Supplied<br>Expires: Not Supplied<br>Suspended: Not Supplied<br>Revoked: Not Supplied<br>Surrendered: 31st March 1994<br>IPPC Reference: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A8SE (S) | 890 | 3 | 434900 560200 |
| 26 | **Licensed Waste Management Facilities (Locations)**<br>Licence Number: 64463<br>Location: Downhill Lane, West Boldon, Tyne & Wear, NE36 0AX<br>Operator Name: John T Barnes<br>Operator Location: Not Supplied<br>Authority: Environment Agency - North East Region, North East Area<br>Site Category: Household, Commercial And Industrial Waste Landfills<br>**Licence Status: Surrendered**<br>Issued: 17th March 1980<br>Last Modified: Not Supplied<br>Expires: Not Supplied<br>Suspended: Not Supplied<br>Revoked: Not Supplied<br>Surrendered: 31st March 1994<br>IPPC Reference: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A8SE (S) | 890 | 3 | 434900 560200 |
| 27 | **Licensed Waste Management Facilities (Locations)**<br>Licence Number: 67442<br>Location: Downhill Lane, Boldon, Tyne & Wear, NE36 OAX<br>Operator Name: Cleartop Ltd<br>Operator Location: Not Supplied<br>Authority: Environment Agency - North East Region, North East Area<br>Site Category: Household, Commercial And Industrial Waste Landfills<br>**Licence Status: Surrendered**<br>Issued: 10th October 1981<br>Last Modified: 11th December 1987<br>Expires: Not Supplied<br>Suspended: Not Supplied<br>Revoked: Not Supplied<br>Surrendered: 28th April 1994<br>IPPC Reference: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A8SW (S) | 891 | 3 | 434800 560200 |
| | **Local Authority Landfill Coverage**<br>Name: South Tyneside Metropolitan Borough Council - Has no landfill data to supply | | 0 | 5 | 434877 561148 |
| 28 | **Potentially Infilled Land (Non-Water)**<br>Bearing Ref: SW<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1992 | A13SW (SW) | 75 | - | 434762 561084 |
| 29 | **Potentially Infilled Land (Non-Water)**<br>Bearing Ref: E<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1987 | A13NE (E) | 126 | - | 435049 561211 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 30 | **Potentially Infilled Land (Non-Water)**<br>Bearing Ref: SW<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1992 | A13SW (SW) | 253 | - | 434594 561014 |
| 31 | **Potentially Infilled Land (Non-Water)**<br>Bearing Ref: S<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1987 | A8NE (S) | 443 | - | 435002 560671 |
| 32 | **Potentially Infilled Land (Non-Water)**<br>Bearing Ref: SE<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1987 | A9NW (SE) | 522 | - | 435314 560770 |
| 33 | **Potentially Infilled Land (Non-Water)**<br>Bearing Ref: SE<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1987 | A8NE (SE) | 602 | - | 435180 560584 |
| 34 | **Potentially Infilled Land (Non-Water)**<br>Bearing Ref: NW<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1987 | A17SE (NW) | 710 | - | 434512 561803 |
| 35 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1862 | A13NW (N) | 246 | - | 434807 561435 |
| 36 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1898 | A8NW (S) | 293 | - | 434821 560798 |
| 37 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1898 | A8NE (S) | 321 | - | 434880 560770 |
| 38 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1951 | A18SE (NE) | 374 | - | 435079 561537 |
| 39 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1862 | A17SE (NW) | 761 | - | 434268 561685 |
| 40 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1938 | A18NW (N) | 771 | - | 434834 561976 |
| 41 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1952 | A18NW (N) | 782 | - | 434844 561988 |
| 42 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1862 | A14NE (E) | 786 | - | 435706 561338 |
| 43 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1952 | A17SE (NW) | 822 | - | 434270 561770 |
| 44 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1952 | A18NE (N) | 879 | - | 434965 562085 |
| 45 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1952 | A18NW (N) | 883 | - | 434677 562062 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 46 | **Registered Landfill Sites**<br>Licence Holder: Cleartop Ltd<br>Licence Reference: TW 85 ST<br>Site Location: Downhill Quarry, Downhill Lane, BOLDON, Tyne and Wear, NE36 0AX<br>Licence Easting: 434900<br>Licence Northing: 560200<br>Operator Location: As Site Address<br>Authority: Environment Agency - North East Region, Northumbria Area<br>Site Category: Landfill<br>Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year)<br>Waste Source Restrictions: No known restriction on source of waste<br>Status: Licence known to be surrenderedSurrendered<br>Dated: 10th October 1981<br>Preceded By Licence: Not Given<br>Superseded By Licence: Not Given<br>Positional Accuracy: Manually positioned to the address or location<br>Boundary Accuracy: Not Applicable<br>Authorised Waste: Tyne & Wear A, In Emergency<br>Tyne & Wear B, Renfrew B. *<br>Tyne & Wear/Renfrew A.-Dom/Com/Ind. *<br>Tyne And Wear C, Renfrew C *<br>Tyne And Wear D I, Renfrew D I, *<br>Tyne And Wear D Ii, Renfrew D Ii, *<br>Tyne And Wear E, Renfrew E, *<br>Tyne And Wear F, In Emergency<br>Prohibited Waste: Domestic Refuse<br>Liquid Wastes<br>Special Wastes<br>Tyne And Wear G -Restricted *<br>Tyres<br>Waste Oils | A8SE (S) | 890 | 3 | 434900 560200 |
| 46 | **Registered Landfill Sites**<br>Licence Holder: J T Barnes Ltd<br>Licence Reference: TW 58 ST<br>Site Location: Downhill Quarry, Downhill Lane, BOLDON, Tyne and Wear, NE36 0AX<br>Licence Easting: 434900<br>Licence Northing: 560200<br>Operator Location: As Site Address<br>Authority: Environment Agency - North East Region, Northumbria Area<br>Site Category: Landfill<br>Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year)<br>Waste Source Restrictions: No known restriction on source of waste<br>Status: Licence known to be surrenderedSurrendered<br>Dated: 17th March 1980<br>Preceded By Licence: Not Given<br>Superseded By Licence: Not Given<br>Positional Accuracy: Manually positioned to the address or location<br>Boundary Accuracy: Not Applicable<br>Authorised Waste: Tyne & Wear A.-Dom/Com/Ind. *<br>Tyne & Wear B.-Dom/Com/Ind. *<br>Tyne And Wear C -Rubble *<br>Tyne And Wear Di -Coh.Inorg *<br>Tyne And Wear Dii -Coh.Inorg *<br>Tyne And Wear E -Frict.Inorg *<br>Tyne And Wear F -Incin.Res *<br>Prohibited Waste: Liquid Wastes<br>Liquified Gas / Gas Under Pressure<br>Notifiable Wastes<br>Waste Oil | A8SE (S) | 890 | 3 | 434900 560200 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS 1:625,000 Solid Geology**<br>Description: Permian Rocks (Undifferentiated) | A13SE (E) | 0 | 2 | 434877 561148 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: <15 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 90 - 120 mg/kg<br>Lead Concentration: <100 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A13SE (E) | 0 | 2 | 434877 561148 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: <15 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <100 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A13SE (E) | 24 | 2 | 434969 561140 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: <15 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: 100 - 200 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A13SE (E) | 54 | 2 | 435000 561148 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: <15 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <100 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A13SE (S) | 89 | 2 | 434877 561000 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: <15 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 90 - 120 mg/kg<br>Lead Concentration: 100 - 200 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A13NE (NE) | 113 | 2 | 435000 561261 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: 100 - 200 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A13NE (NE) | 218 | 2 | 435032 561381 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: <15 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: 100 - 200 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A13NE (NE) | 244 | 2 | 435020 561421 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: <15 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <100 mg/kg<br>Nickel Concentration: 30 - 45 mg/kg | A12NE (W) | 370 | 2 | 434477 561313 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: <15 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: 100 - 200 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A18SE (NE) | 447 | 2 | 435188 561550 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: 100 - 200 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A19SW (NE) | 519 | 2 | 435246 561594 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <100 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A19SW (NE) | 661 | 2 | 435500 561500 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: <15 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <100 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A19SW (NE) | 690 | 2 | 435534 561500 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: <15 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <100 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A19SW (NE) | 742 | 2 | 435500 561644 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <100 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A19SW (NE) | 782 | 2 | 435500 561709 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: <15 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 90 - 120 mg/kg<br>Lead Concentration: <100 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A18NE (N) | 798 | 2 | 435000 562000 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: 100 - 200 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A14SE (E) | 873 | 2 | 435805 560989 |
| 47 | **BGS Recorded Mineral Sites**<br>Site Name: West Boldon<br>Location: , Bolden, South Shields, Tyne & Wear<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 99191<br>Type: Opencast<br>**Status: Ceased**<br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Pennine Upper Coal Measures Formation<br>Commodity: Sandstone<br>Positional Accuracy: Located by supplier to within 10m | A13SW (SW) | 79 | 2 | 434763 561077 |
| 48 | **BGS Recorded Mineral Sites**<br>Site Name: North Lane Bridge<br>Location: , Bolden, South Shields, Tyne & Wear<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 99143<br>Type: Opencast<br>**Status: Ceased**<br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Permian<br>Geology: Raisby Formation (Lower Magnesian Limestone)<br>Commodity: Dolomite<br>Positional Accuracy: Located by supplier to within 10m | A13NE (E) | 131 | 2 | 435052 561217 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 49 | **BGS Recorded Mineral Sites**<br>Site Name: West Boldon<br>Location: , West Boldon, South Shields, Tyne & Wear<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 99148<br>Type: Opencast<br>**Status: Ceased**<br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Permian<br>Geology: Raisby Formation (Lower Magnesian Limestone)<br>Commodity: Dolomite<br>Positional Accuracy: Located by supplier to within 10m | A8NE (S) | 424 | 2 | 434988 560687 |
| 50 | **BGS Recorded Mineral Sites**<br>Site Name: West Boldon Brick Works<br>Location: , Bolden, South Shields, Tyne & Wear<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 99192<br>Type: Opencast<br>**Status: Ceased**<br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Pennine Upper Coal Measures Formation<br>Commodity: Common Clay and Shale<br>Positional Accuracy: Located by supplier to within 10m | A12SE (W) | 484 | 2 | 434350 560991 |
| 51 | **BGS Recorded Mineral Sites**<br>Site Name: Robinson'S Quarry<br>Location: , West Boldon, South Shields, Tyne & Wear<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 99150<br>Type: Opencast<br>**Status: Ceased**<br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Permian<br>Geology: Roker Formation (Upper Magnesian Limestone)<br>Commodity: Dolomite<br>Positional Accuracy: Located by supplier to within 10m | A8NE (SE) | 616 | 2 | 435213 560585 |
| 52 | **BGS Recorded Mineral Sites**<br>Site Name: West Boldon<br>Location: , West Boldon, South Shields, Tyne & Wear<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 99149<br>Type: Opencast<br>**Status: Ceased**<br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Permian<br>Geology: Roker Formation (Upper Magnesian Limestone)<br>Commodity: Dolomite<br>Positional Accuracy: Located by supplier to within 10m | A9NW (SE) | 641 | 2 | 435386 560675 |
| 53 | **BGS Recorded Mineral Sites**<br>Site Name: Down Hill<br>Location: , West Boldon, South Shields, Tyne & Wear<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 99151<br>Type: Opencast<br>**Status: Ceased**<br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Permian<br>Geology: Raisby Formation (Lower Magnesian Limestone)<br>Commodity: Dolomite<br>Positional Accuracy: Located by supplier to within 10m | A8SW (S) | 758 | 2 | 434828 560332 |
| 54 | **BGS Recorded Mineral Sites**<br>Site Name: Down Hill<br>Location: , West Boldon, South Shields, Tyne & Wear<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 99152<br>Type: Opencast<br>**Status: Ceased**<br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Permian<br>Geology: Raisby Formation<br>Commodity: Dolomite<br>Positional Accuracy: Located by supplier to within 10m | A8SW (S) | 926 | 2 | 434787 560166 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 54 | **BGS Recorded Mineral Sites**<br>Site Name: Down Hill<br>Location: , West Boldon, South Shields, Tyne & Wear<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 99152<br>Type: Opencast<br>**Status: Ceased**<br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Permian<br>Geology: Yellow Sands Formation (Basal Permian Sands)<br>Commodity: Sandstone<br>Positional Accuracy: Located by supplier to within 10m | A8SW (S) | 926 | 2 | 434787 560166 |
| | **BGS Measured Urban Soil Chemistry**<br>No data available | | | | |
| | **BGS Urban Soil Chemistry Averages**<br>No data available | | | | |
| | **Coal Mining Affected Areas**<br>Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report. | A13SE (E) | 0 | 6 | 434877 561148 |
| | **Mining Instability**<br>Mining Evidence: Inconclusive Coal Mining<br>Source: Ove Arup & Partners<br>Boundary Quality: As Supplied | A13SE (E) | 0 | - | 434877 561148 |
| | **Non Coal Mining Areas of Great Britain**<br>No Hazard | | | | |
| | **Potential for Collapsible Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A13SE (E) | 0 | 2 | 434877 561148 |
| | **Potential for Collapsible Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13NW (NW) | 52 | 2 | 434796 561203 |
| | **Potential for Collapsible Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A13SE (E) | 54 | 2 | 435000 561148 |
| | **Potential for Compressible Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13SE (E) | 0 | 2 | 434877 561148 |
| | **Potential for Compressible Ground Stability Hazards**<br>Hazard Potential: Moderate<br>Source: British Geological Survey, National Geoscience Information Service | A13NW (NW) | 52 | 2 | 434796 561203 |
| | **Potential for Compressible Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13SE (E) | 54 | 2 | 435000 561148 |
| | **Potential for Compressible Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A13NE (E) | 87 | 2 | 435016 561190 |
| | **Potential for Compressible Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13NW (NW) | 109 | 2 | 434769 561253 |
| | **Potential for Compressible Ground Stability Hazards**<br>Hazard Potential: Moderate<br>Source: British Geological Survey, National Geoscience Information Service | A13SW (SW) | 205 | 2 | 434690 560966 |
| | **Potential for Compressible Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A13NE (N) | 206 | 2 | 434950 561408 |
| | **Potential for Compressible Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A13NE (NE) | 240 | 2 | 435000 561427 |
| | **Potential for Ground Dissolution Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13SE (E) | 0 | 2 | 434877 561148 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Potential for Ground Dissolution Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A13SE (E) | 24 | 2 | 434969 561140 |
| | **Potential for Ground Dissolution Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A13SE (E) | 54 | 2 | 435000 561148 |
| | **Potential for Ground Dissolution Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13NE (NE) | 113 | 2 | 435000 561261 |
| | **Potential for Ground Dissolution Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13SE (SE) | 157 | 2 | 435000 560993 |
| | **Potential for Landslide Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A13SE (E) | 0 | 2 | 434877 561148 |
| | **Potential for Landslide Ground Stability Hazards**<br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service | A13NW (NW) | 52 | 2 | 434796 561203 |
| | **Potential for Landslide Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A13SE (E) | 54 | 2 | 435000 561148 |
| | **Potential for Landslide Ground Stability Hazards**<br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service | A13SW (W) | 76 | 2 | 434732 561148 |
| | **Potential for Landslide Ground Stability Hazards**<br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service | A13NE (N) | 127 | 2 | 434919 561333 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A13NW (NW) | 0 | 2 | 434847 561178 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13SE (E) | 0 | 2 | 434877 561148 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13NW (NW) | 34 | 2 | 434814 561200 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13NE (E) | 50 | 2 | 434982 561176 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service | A13NW (NW) | 52 | 2 | 434796 561203 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A13SE (E) | 54 | 2 | 435000 561141 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13SE (E) | 55 | 2 | 435000 561148 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A13NE (E) | 87 | 2 | 435016 561190 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13NE (NE) | 214 | 2 | 435023 561383 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service | A13SE (E) | 0 | 2 | 434877 561148 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A13NW (NW) | 0 | 2 | 434847 561178 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13NW (NW) | 35 | 2 | 434814 561200 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13NE (E) | 50 | 2 | 434982 561176 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A13SE (E) | 54 | 2 | 435000 561141 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13SE (E) | 55 | 2 | 435000 561148 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13NE (N) | 188 | 2 | 434910 561396 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service | A13NE (NE) | 214 | 2 | 435023 561383 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13NE (NE) | 240 | 2 | 435000 561427 |
| | **Radon Potential - Radon Affected Areas**<br>Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level).<br>Source: British Geological Survey, National Geoscience Information Service | A13NW (W) | 0 | 2 | 434850 561150 |
| | **Radon Potential - Radon Affected Areas**<br>Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level).<br>Source: British Geological Survey, National Geoscience Information Service | A13SE (E) | 0 | 2 | 434877 561148 |
| | **Radon Potential - Radon Protection Measures**<br>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions<br>Source: British Geological Survey, National Geoscience Information Service | A13NW (W) | 0 | 2 | 434850 561150 |
| | **Radon Potential - Radon Protection Measures**<br>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions<br>Source: British Geological Survey, National Geoscience Information Service | A13SE (E) | 0 | 2 | 434877 561148 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 55 | **Contemporary Trade Directory Entries**<br>Name: Four Seasons<br>Location: 16, Prospect Gardens, West Boldon, East Boldon, Tyne and Wear, NE36 0JQ<br>Classification: Cleaning Services - Domestic<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A13NE (E) | 185 | - | 435105 561233 |
| 56 | **Contemporary Trade Directory Entries**<br>Name: Springfield Suzuki<br>Location: Bank Top Garage, Addison Road, West Boldon, East Boldon, Tyne and Wear, NE36 0QZ<br>Classification: Car Dealers<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A13SE (SE) | 244 | - | 435152 561010 |
| 56 | **Contemporary Trade Directory Entries**<br>Name: Boldon Autoport Ltd<br>Location: Bank Top Garage, Addison Road, West Boldon, East Boldon, Tyne and Wear, NE36 0QZ<br>Classification: Garage Services<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A13SE (SE) | 244 | - | 435152 561010 |
| 56 | **Contemporary Trade Directory Entries**<br>Name: Springfield Suzuki<br>Location: Bank Top Garage, Addison Road, West Boldon, East Boldon, Tyne and Wear, NE36 0QZ<br>Classification: Car Dealers<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A13SE (SE) | 244 | - | 435152 561010 |
| 57 | **Contemporary Trade Directory Entries**<br>Name: Boldon Waste Removals<br>Location: 198, Arnold Street, Boldon Colliery, Tyne and Wear, NE35 9AZ<br>Classification: Rubbish Clearance<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A13NW (N) | 299 | - | 434782 561482 |
| 58 | **Contemporary Trade Directory Entries**<br>Name: Gary Owens<br>Location: 9, Addison Road, West Boldon, East Boldon, Tyne and Wear, NE36 0QY<br>Classification: Domestic Appliances - Servicing, Repairs & Parts<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A14NW (E) | 392 | - | 435330 561216 |
| 59 | **Contemporary Trade Directory Entries**<br>Name: Joseph'S Hardware<br>Location: 45, North Road, Boldon Colliery, Tyne and Wear, NE35 9AX<br>Classification: Hardware<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A18SW (NW) | 402 | - | 434685 561548 |
| 60 | **Contemporary Trade Directory Entries**<br>Name: Feltec Europe Ltd<br>Location: 1-7, Didcot Way, Boldon Business Park, Boldon Colliery, Tyne and Wear, NE35 9PD<br>Classification: Car Component Manufacturers<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A12NE (W) | 436 | - | 434384 561249 |
| 61 | **Contemporary Trade Directory Entries**<br>Name: Petmeals<br>Location: 24, East View, Boldon Colliery, Tyne and Wear, NE35 9AU<br>Classification: Pet Foods & Animal Feeds<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A18SW (NW) | 447 | - | 434634 561568 |
| 61 | **Contemporary Trade Directory Entries**<br>Name: Boldon Domestic Appliances Ltd<br>Location: 27, North Road, East Boldon, Tyne and Wear, NE36 0DJ<br>Classification: Domestic Appliances - Servicing, Repairs & Parts<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A18SW (NW) | 467 | - | 434657 561607 |
| 62 | **Contemporary Trade Directory Entries**<br>Name: I D S<br>Location: 9-10, Didcot Way, Boldon Business Park, BOLDON COLLIERY, Tyne and Wear, NE35 9PD<br>Classification: Pharmaceutical Manufacturers & Distributors<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A12SE (W) | 451 | - | 434360 561091 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 63 | **Contemporary Trade Directory Entries**<br>Name: Cooper Sunderland<br>Location: Newcastle Road, West Boldon, East Boldon, NE36 0BQ<br>Classification: Car Dealers<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A12SE (W) | 471 | - | 434370 560974 |
| 63 | **Contemporary Trade Directory Entries**<br>Name: Cooper B M W<br>Location: Newcastle Road, West Boldon, East Boldon, Tyne and Wear, NE36 0BQ<br>Classification: Car Dealers<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A12SE (W) | 484 | - | 434354 560979 |
| 64 | **Contemporary Trade Directory Entries**<br>Name: Asda Petrol<br>Location: North Road, Boldon Colliery, NE35 9AR<br>Classification: Petrol Filling Stations<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A17SE (NW) | 531 | - | 434526 561598 |
| 64 | **Contemporary Trade Directory Entries**<br>Name: Johnsons Cleaners Within Asda<br>Location: Asda Stores Ltd, North Road, Boldon Colliery, NE35 9AR<br>Classification: Dry Cleaners<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A17SE (NW) | 531 | - | 434526 561598 |
| 64 | **Contemporary Trade Directory Entries**<br>Name: Klick Photopoint<br>Location: North Road, Boldon Colliery, Tyne and Wear, NE35 9AR<br>Classification: Photographic Processors<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A17SE (NW) | 551 | - | 434489 561598 |
| 64 | **Contemporary Trade Directory Entries**<br>Name: Klick<br>Location: North Road, Boldon Colliery, Tyne and Wear, NE35 9AR<br>Classification: Photographic Processors<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A17SE (NW) | 552 | - | 434489 561598 |
| 65 | **Contemporary Trade Directory Entries**<br>Name: Arc Clean Car Centre<br>Location: Asda Filling Station North Road, Boldon Colliery, Tyne And Wear, NE35 9AR<br>Classification: Car Washing & Polishing Equipment & Supplies<br>**Status: Inactive**<br>Positional Accuracy: Manually positioned within the geographical locality | A18SW (NW) | 534 | - | 434623 561664 |
| 66 | **Contemporary Trade Directory Entries**<br>Name: A C Yule<br>Location: Unit 11, Burford Way, Boldon Business Park, Boldon Colliery, Tyne and Wear, NE35 9PZ<br>Classification: Aluminium Fabricators<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A12NE (W) | 606 | - | 434237 561352 |
| 67 | **Contemporary Trade Directory Entries**<br>Name: Ex Pest<br>Location: 7, Ruskin Drive, Boldon Colliery, Tyne and Wear, NE35 9DU<br>Classification: Pest & Vermin Control<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A19SW (NE) | 640 | - | 435234 561754 |
| 67 | **Contemporary Trade Directory Entries**<br>Name: Ex-Pest<br>Location: 7, Ruskin Drive, Boldon Colliery, Tyne and Wear, NE35 9DU<br>Classification: Pest & Vermin Control<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A19SW (NE) | 640 | - | 435234 561754 |
| 68 | **Contemporary Trade Directory Entries**<br>Name: A-Line<br>Location: A-Line House Unit 14, Witney Way, Boldon Business Park, Boldon Colliery, Tyne and Wear, NE35 9PE<br>Classification: Cleaning Services - Commercial<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A12NW (W) | 640 | - | 434179 561267 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 68 | **Contemporary Trade Directory Entries**<br>Name: Maquet Uk Ltd<br>Location: 14-15, Burford Way, Boldon Business Park, Boldon Colliery, Tyne and Wear, NE35 9PZ<br>Classification: Medical Equipment Maintenance & Repairs<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A12NW (W) | 640 | - | 434179 561267 |
| 68 | **Contemporary Trade Directory Entries**<br>Name: C P Engineering Ltd<br>Location: Unit 15, Brooklands Way, Boldon Business Park, Boldon Colliery, Tyne and Wear, NE35 9LZ<br>Classification: Precision Engineers<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A12NW (W) | 665 | - | 434152 561261 |
| 68 | **Contemporary Trade Directory Entries**<br>Name: F M Coatings Ltd<br>Location: Unit 15, Brooklands Way, Boldon Business Park, Boldon Colliery, Tyne and Wear, NE35 9LZ<br>Classification: Coating Specialists<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A12NW (W) | 665 | - | 434152 561261 |
| 69 | **Contemporary Trade Directory Entries**<br>Name: Tyne & Wear Domestic Appliances<br>Location: Downhill Farm, Downhill Lane, West Boldon, East Boldon, Tyne and Wear, NE36 0AX<br>Classification: Domestic Appliances - Servicing, Repairs & Parts<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A8SW (S) | 648 | - | 434768 560447 |
| 70 | **Contemporary Trade Directory Entries**<br>Name: Johnson Electric International (Uk) Ltd<br>Location: Unit 5, Woodstock Way, Boldon Business Park, Boldon Colliery, NE35 9PF<br>Classification: Electrical Goods Sales, Manufacturers & Wholesalers<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A12SW (W) | 671 | - | 434137 561144 |
| 70 | **Contemporary Trade Directory Entries**<br>Name: Johnson Electric<br>Location: Unit 5, Woodstock Way, Boldon Business Park, Boldon Colliery, Tyne and Wear, NE35 9PF<br>Classification: Electrical Goods Sales, Manufacturers & Wholesalers<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A12SW (W) | 684 | - | 434124 561142 |
| 71 | **Contemporary Trade Directory Entries**<br>Name: Northumbria Optical Coatings<br>Location: Unit 10, Burford Way, Boldon Business Park, Boldon Colliery, Tyne and Wear, NE35 9PZ<br>Classification: Optical Goods - Manufacturers<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A12NW (W) | 678 | - | 434158 561343 |
| 71 | **Contemporary Trade Directory Entries**<br>Name: M B Air Systems Ltd<br>Location: Unit 8, Burford Way, Boldon Business Park, Boldon Colliery, NE35 9PZ<br>Classification: Air Compressors<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A12NW (W) | 712 | - | 434121 561335 |
| 71 | **Contemporary Trade Directory Entries**<br>Name: M B Air Systems Ltd<br>Location: Unit 8, Burford Way, Boldon Business Park, Boldon Colliery, NE35 9PZ<br>Classification: Air Compressors<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A12NW (W) | 712 | - | 434120 561334 |
| 71 | **Contemporary Trade Directory Entries**<br>Name: M & S Automotive Coating<br>Location: Unit 8, Burford Way, Boldon Business Park, Boldon Colliery, NE35 9PZ<br>Classification: Car Body Repairs<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A12NW (W) | 712 | - | 434121 561335 |
| 71 | **Contemporary Trade Directory Entries**<br>Name: Nw Printers<br>Location: Unit 8, Burford Way, Boldon Business Park, Boldon Colliery, Tyne and Wear, NE35 9PZ<br>Classification: Printers<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A12NW (W) | 712 | - | 434120 561334 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 72 | **Contemporary Trade Directory Entries**<br>Name: Daktron Electronics Ltd<br>Location: 3, Claremount Court, West Boldon, East Boldon, Tyne and Wear, NE36 0NF<br>Classification: Electronic Component Manufacturers & Distributors<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A14SE (E) | 734 | - | 435674 561053 |
| 72 | **Contemporary Trade Directory Entries**<br>Name: C W Industries<br>Location: 3, Claremount Court, West Boldon, East Boldon, Tyne and Wear, NE36 0NF<br>Classification: Electronic Engineers<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A14SE (E) | 734 | - | 435674 561053 |
| 73 | **Contemporary Trade Directory Entries**<br>Name: Full Steam Ahead Ironing<br>Location: 5, Dunelm Grange, Boldon Colliery, Tyne and Wear, NE35 9AB<br>Classification: Ironing & Home Laundry Services<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A17SE (NW) | 749 | - | 434261 561660 |
| 74 | **Contemporary Trade Directory Entries**<br>Name: Mill Car Clinic<br>Location: Unit 5-5a, Brooklands Way, Boldon Business Park, Boldon Colliery, Tyne and Wear, NE35 9LZ<br>Classification: Car Body Repairs<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A12NW (W) | 771 | - | 434065 561352 |
| 75 | **Contemporary Trade Directory Entries**<br>Name: Henry Halsteads Ltd<br>Location: Unit 2, Brooklands Way, Boldon Business Park, Boldon Colliery, Tyne and Wear, NE35 9LZ<br>Classification: Nuts, Bolts & Fixings<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A12NW (W) | 785 | - | 434080 561444 |
| 75 | **Contemporary Trade Directory Entries**<br>Name: Finning Uk Ltd<br>Location: Unit 3, Brooklands Way, Boldon Business Park, Boldon Colliery, Tyne and Wear, NE35 9LZ<br>Classification: Plant & Machinery Repairs<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A12NW (W) | 818 | - | 434041 561433 |
| 75 | **Contemporary Trade Directory Entries**<br>Name: Lex Harvey Ltd<br>Location: Unit 3, Brooklands Way, Boldon Business Park, Boldon Colliery, Tyne and Wear, NE35 9LZ<br>Classification: Fork Lift Trucks<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A12NW (W) | 818 | - | 434041 561433 |
| 75 | **Contemporary Trade Directory Entries**<br>Name: A1 Refrigeration Installations<br>Location: 3, Boldon Court, Burford Way, Boldon Colliery, Tyne and Wear, NE35 9PY<br>Classification: Air Conditioning & Refrigeration Contractors<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A12NW (W) | 818 | - | 434041 561433 |
| 76 | **Contemporary Trade Directory Entries**<br>Name: M & S Prestige<br>Location: North rd, Boldon Colliery, Tyne And Wear, NE35 9AF<br>Classification: Car Body Repairs<br>**Status: Inactive**<br>Positional Accuracy: Manually positioned within the geographical locality | A17NE (NW) | 788 | - | 434486 561879 |
| 76 | **Contemporary Trade Directory Entries**<br>Name: Steve Watson Coachworks Ltd<br>Location: North Road, Boldon Colliery, Tyne and Wear, NE35 9AF<br>Classification: Car Body Repairs<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A17NE (NW) | 821 | - | 434498 561924 |
| 77 | **Contemporary Trade Directory Entries**<br>Name: Invitech Ltd<br>Location: 20 Witney Way,Boldon Business Park, Boldon Colliery, Tyne & Wear, NE35 9PE<br>Classification: Chemical Manufacturers<br>**Status: Inactive**<br>Positional Accuracy: Manually positioned to the address or location | A12NW (W) | 796 | - | 434012 561173 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 77 | **Contemporary Trade Directory Entries**<br>Name: Titan<br>Location: 19 Witney Way, Boldon Business Pk, Boldon Colliery, Tyne and Wear, NE35 9PE<br>Classification: Fishing & Angling Equipment - Manufacturers & Distributors<br>**Status: Inactive**<br>Positional Accuracy: Manually positioned to the address or location | A12NW (W) | 797 | - | 434012 561190 |
| 78 | **Contemporary Trade Directory Entries**<br>Name: Fm Cosmetics<br>Location: 6, Stewart Drive, West Boldon, East Boldon, Tyne and Wear, NE36 0HD<br>Classification: Perfume Suppliers<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A14NE (E) | 820 | - | 435706 561447 |
| 79 | **Contemporary Trade Directory Entries**<br>Name: H L A Services<br>Location: 1 Boldon Court, Burford Way, Boldon Colliery, NE35 9PY<br>Classification: Air Conditioning & Refrigeration Contractors<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A12NW (W) | 829 | - | 433983 561236 |
| 79 | **Contemporary Trade Directory Entries**<br>Name: Kvasir Group<br>Location: Unit 16, Witney Way, Boldon Business Park, Boldon Colliery, Tyne and Wear, NE35 9PE<br>Classification: Ship Builders, Repairs & Fittings<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A12NW (W) | 832 | - | 433978 561205 |
| 79 | **Contemporary Trade Directory Entries**<br>Name: Coolrite Refrigeration Ltd<br>Location: 1, Boldon Court, Burford Way, Boldon Colliery, Tyne and Wear, NE35 9PY<br>Classification: Refrigeration Equipment Manufacturers & Distributors<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A12NW (W) | 835 | - | 433977 561234 |
| 79 | **Contemporary Trade Directory Entries**<br>Name: Netgenium Systems<br>Location: Unit 15,Witney Way, Boldon Business Pk, Boldon Colliery, Tyne and Wear, NE35 9PE<br>Classification: Electrical Goods Sales, Manufacturers & Wholesalers<br>**Status: Inactive**<br>Positional Accuracy: Manually positioned to the address or location | A12NW (W) | 845 | - | 433964 561201 |
| 79 | **Contemporary Trade Directory Entries**<br>Name: Ctech North East<br>Location: 8 Boldon Court, Burford Way, Boldon Colliery, NE35 9PY<br>Classification: Commercial Cleaning Services<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A12NW (W) | 855 | - | 433962 561273 |
| 80 | **Contemporary Trade Directory Entries**<br>Name: Altomed<br>Location: Unit 2, Witney Way, Boldon Business Park, BOLDON COLLIERY, Tyne and Wear, NE35 9PE<br>Classification: Distribution Services<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A12SW (W) | 831 | - | 433977 561132 |
| 81 | **Contemporary Trade Directory Entries**<br>Name: T F Shipping Ltd<br>Location: The Quadrus Centre, Woodstock Way, Boldon Business Park, Boldon Colliery, Tyne and Wear, NE35 9PF<br>Classification: Freight Forwarders<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A12SW (W) | 832 | - | 433980 561068 |
| 81 | **Contemporary Trade Directory Entries**<br>Name: A1 Refrigeration Installations<br>Location: The Quadrus Centre, Woodstock Way, Boldon Business Park, Boldon Colliery, NE35 9PF<br>Classification: Refrigerators & Freezers - Servicing & Repairs<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A12SW (W) | 837 | - | 433976 561061 |
| 82 | **Contemporary Trade Directory Entries**<br>Name: Safeclean<br>Location: 38, Dunelm Drive, West Boldon, East Boldon, Tyne and Wear, NE36 0HJ<br>Classification: Carpet, Curtain & Upholstery Cleaners<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A19SE (NE) | 842 | - | 435688 561537 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 83 | **Contemporary Trade Directory Entries**<br>Name: Aquarius Doors<br>Location: 68, Leander Drive, Boldon Colliery, Tyne and Wear, NE35 9LS<br>Classification: Door Manufacturers - Industrial<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A17SW (NW) | 869 | - | 434176 561745 |
| 84 | **Contemporary Trade Directory Entries**<br>Name: Hygiene Cleaning<br>Location: 27, Simpson Close, Boldon Colliery, Tyne and Wear, NE35 9JP<br>Classification: Cleaning Services - Domestic<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A17NE (NW) | 902 | - | 434301 561895 |
| 85 | **Contemporary Trade Directory Entries**<br>Name: A1 Engineering Solutions Ltd<br>Location: 3 Boldon Court, Burford Way, Boldon Colliery, NE35 9PY<br>Classification: Refrigerators & Freezers - Servicing & Repairs<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A12NW (W) | 910 | - | 433903 561250 |
| 85 | **Contemporary Trade Directory Entries**<br>Name: Advanced Workshops Ltd<br>Location: 5, Boldon Court, Burford Way, BOLDON COLLIERY, Tyne and Wear, NE35 9PY<br>Classification: Garage Equipment<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A12NW (W) | 914 | - | 433901 561263 |
| 86 | **Contemporary Trade Directory Entries**<br>Name: P D Tuning<br>Location: 18 Bensham St, Boldon Colliery, Tyne And Wear, NE35 9LN<br>Classification: Car Engine Tuning & Diagnostic Services<br>**Status: Inactive**<br>Positional Accuracy: Manually positioned to the road within the address or location | A18NW (N) | 963 | - | 434566 562111 |
| 86 | **Contemporary Trade Directory Entries**<br>Name: P D Tuning<br>Location: 18, Bensham Street, Boldon Colliery, Tyne and Wear, NE35 9LN<br>Classification: Car Engine Tuning & Diagnostic Services<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A18NW (N) | 976 | - | 434584 562132 |
| 86 | **Contemporary Trade Directory Entries**<br>Name: Ultimate Moto<br>Location: 20a, Bensham Street, Boldon Colliery, NE35 9LN<br>Classification: Car Dealers - Used<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A18NW (N) | 977 | - | 434582 562132 |
| 86 | **Contemporary Trade Directory Entries**<br>Name: L G M O T<br>Location: Unit 18 Bensham Street, Boldon Colliery, Tyne And Wear, NE35 9LN<br>Classification: Mot Testing Centres<br>**Status: Active**<br>Positional Accuracy: Manually positioned within the geographical locality | A18NW (N) | 997 | - | 434548 562141 |
| 87 | **Contemporary Trade Directory Entries**<br>Name: Sapphire Engineering N E Ltd<br>Location: Unit 3, Bensham Street, BOLDON COLLIERY, Tyne and Wear, NE35 9LN<br>Classification: Engineering Services<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A17NE (N) | 974 | - | 434516 562103 |
| 88 | **Fuel Station Entries**<br>Name: Bank Top Garage (Springfield)<br>Location: Addison Road, West Boldon, East BOLDON, Tyne & Wear, NE36 0RA<br>Brand: Obsolete<br>Premises Type: Not Applicable<br>**Status: Obsolete**<br>Positional Accuracy: Manually positioned to the road within the address or location | A13SE (SE) | 211 | - | 435129 561035 |
| 89 | **Fuel Station Entries**<br>Name: Asda Boldon Automat<br>Location: North Road, Boldon Colliery, Tyne & Wear, NE35 9AR<br>Brand: ASDA<br>Premises Type: Hypermarket<br>**Status: Open**<br>Positional Accuracy: Manually positioned to the address or location | A12NE (NW) | 518 | - | 434383 561444 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 90 | **Points of Interest - Commercial Services**<br>Name: Asda Boldon Automat<br>Location: North, Road, Boldon Colliery, NE35 9AR<br>Category: Personal, Consumer and other Services<br>Class Code: Vehicle Cleaning Services<br>Positional Accuracy: Positioned to address or location | A12NE (NW) | 503 | 7 | 434379 561411 |
| 90 | **Points of Interest - Commercial Services**<br>Name: Car Wash<br>Location: North Road, Boldon Colliery, Tyne & Wear, NE35 9AR<br>Category: Personal, Consumer and other Services<br>Class Code: Vehicle Cleaning Services<br>Positional Accuracy: Positioned to address or location | A12NE (NW) | 518 | 7 | 434383 561444 |
| 91 | **Points of Interest - Commercial Services**<br>Name: Ex-pest<br>Location: 7 Ruskin Drive, Boldon Colliery, NE35 9DU<br>Category: Contract Services<br>Class Code: Pest and Vermin Control<br>Positional Accuracy: Positioned to address or location | A19SW (NE) | 640 | 7 | 435234 561754 |
| 92 | **Points of Interest - Commercial Services**<br>Name: S M Coatings Ltd<br>Location: Unit 15, Brooklands Way, Boldon Business Park, Boldon Colliery, NE35 9LZ<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location | A12NW (W) | 665 | 7 | 434152 561261 |
| 93 | **Points of Interest - Commercial Services**<br>Name: Mill Car Clinic<br>Location: Unit 5 Brooklands Way, Boldon Business Park, Boldon Colliery, NE35 9LZ<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location | A12NW (W) | 771 | 7 | 434065 561352 |
| 93 | **Points of Interest - Commercial Services**<br>Name: Mill Car Clinic<br>Location: Unit 5, Brooklands Way, Boldon Business Park, Boldon Colliery, NE35 9LZ<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location | A12NW (W) | 771 | 7 | 434064 561352 |
| 94 | **Points of Interest - Commercial Services**<br>Name: Lyndon Systems Ltd<br>Location: 55 Lyndon Grove, East Boldon, NE36 0NR<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location | A14NE (E) | 802 | 7 | 435744 561216 |
| 95 | **Points of Interest - Commercial Services**<br>Name: Analytix Ltd<br>Location: 9 Boldon Court, Burford Way, Boldon Colliery, NE35 9PY<br>Category: Transport, Storage and Delivery<br>Class Code: Distribution and Haulage<br>Positional Accuracy: Positioned to address or location | A12NW (W) | 817 | 7 | 433996 561244 |
| 95 | **Points of Interest - Commercial Services**<br>Name: Pritchard-gordon Tankers Ltd<br>Location: Unit 15, Witney Way, Boldon Business Park, Boldon Colliery, NE35 9PE<br>Category: Transport, Storage and Delivery<br>Class Code: Distribution and Haulage<br>Positional Accuracy: Positioned to address or location | A12NW (W) | 844 | 7 | 433965 561197 |
| 96 | **Points of Interest - Commercial Services**<br>Name: Steve Watson Coachworks Ltd<br>Location: North Road, Boldon Colliery, NE35 9AF<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location | A17NE (NW) | 821 | 7 | 434498 561924 |
| 96 | **Points of Interest - Commercial Services**<br>Name: M & S Prestige<br>Location: North Road, Boldon Colliery, NE35 9AF<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location | A17NE (NW) | 821 | 7 | 434497 561923 |
| 96 | **Points of Interest - Commercial Services**<br>Name: IMO - arc Clean Car Centres<br>Location: North Road, Boldon Colliery, NE35 9AF<br>Category: Personal, Consumer and other Services<br>Class Code: Vehicle Cleaning Services<br>Positional Accuracy: Positioned to address or location | A17NE (NW) | 848 | 7 | 434474 561941 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 96 | **Points of Interest - Commercial Services**<br>Name: Barkers Motor Cycles<br>Location: North Road, Boldon Colliery, NE35 9AF<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location | A17NE (NW) | 857 | 7 | 434490 561960 |
| 97 | **Points of Interest - Commercial Services**<br>Name: T F Shipping Ltd<br>Location: The Quadrus Centre, Woodstock Way, Boldon Business Park, Boldon Colliery, NE35 9PF<br>Category: Transport, Storage and Delivery<br>Class Code: Distribution and Haulage<br>Positional Accuracy: Positioned to address or location | A12SW (W) | 832 | 7 | 433980 561067 |
| 98 | **Points of Interest - Commercial Services**<br>Name: Altomed<br>Location: Unit 2, Witney Way, Boldon Business Park, Boldon Colliery, NE35 9PE<br>Category: Transport, Storage and Delivery<br>Class Code: Distribution and Haulage<br>Positional Accuracy: Positioned to address or location | A12SW (W) | 832 | 7 | 433976 561131 |
| 98 | **Points of Interest - Commercial Services**<br>Name: Thompson Freight Services<br>Location: Unit 7, Witney Way, Boldon Business Park, Boldon Colliery, NE35 9PE<br>Category: Transport, Storage and Delivery<br>Class Code: Distribution and Haulage<br>Positional Accuracy: Positioned to address or location | A12SW (W) | 914 | 7 | 433894 561116 |
| 99 | **Points of Interest - Commercial Services**<br>Name: V Sport<br>Location: 18 Bensham Street, Boldon Colliery, NE35 9LN<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location | A18NW (N) | 976 | 7 | 434584 562132 |
| 99 | **Points of Interest - Commercial Services**<br>Name: V Sport<br>Location: 18 Bensham Street, Boldon Colliery, NE35 9LN<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location | A18NW (N) | 976 | 7 | 434584 562132 |
| 100 | **Points of Interest - Education and Health**<br>Name: Altomed<br>Location: Unit 2, Witney Way, Boldon Business Park, Boldon Colliery, NE35 9PE<br>Category: Health Practitioners and Establishments<br>Class Code: Hospitals<br>Positional Accuracy: Positioned to address or location | A12SW (W) | 831 | 7 | 433977 561132 |
| 101 | **Points of Interest - Manufacturing and Production**<br>Name: P J Tate<br>Location: Newcastle Road, West Boldon, East Boldon, NE36 0BJ<br>Category: Farming<br>Class Code: Livestock Farming<br>Positional Accuracy: Positioned to address or location | A13SW (SW) | 224 | 7 | 434697 560930 |
| 102 | **Points of Interest - Manufacturing and Production**<br>Name: D Colley<br>Location: Newcastle Road, West Boldon, East Boldon, NE36 0BQ<br>Category: Farming<br>Class Code: Arable Farming<br>Positional Accuracy: Positioned to address or location | A12SE (SW) | 427 | 7 | 434461 560900 |
| 102 | **Points of Interest - Manufacturing and Production**<br>Name: D Colley<br>Location: Mount Pleasant Farm, Newcastle Road, West Boldon, East Boldon, NE36 0BQ<br>Category: Farming<br>Class Code: Arable Farming<br>Positional Accuracy: Positioned to address or location | A12SE (SW) | 427 | 7 | 434460 560900 |
| 103 | **Points of Interest - Manufacturing and Production**<br>Name: Boldon Business Park<br>Location: NE35<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to an adjacent address or location | A12NW (W) | 725 | 7 | 434130 561406 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 104 | **Points of Interest - Manufacturing and Production**<br>Name: Quarry (Disused)<br>Location: NE36<br>Category: Extractive Industries<br>Class Code: Unspecified Quarries Or Mines<br>Positional Accuracy: Positioned to an adjacent address or location | A8SW (S) | 734 | 7 | 434830 560356 |
| 105 | **Points of Interest - Manufacturing and Production**<br>Name: The Quadrus Centre<br>Location: The Quadrus Centre, Woodstock Way, Boldon Business Park, Boldon Colliery, NE35 9PF<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location | A12SW (W) | 832 | 7 | 433980 561067 |
| 105 | **Points of Interest - Manufacturing and Production**<br>Name: The Quadrus Centre<br>Location: The Quadrus Centre, Woodstock Way, Boldon Business Park, Boldon Colliery, NE35 9PF<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to address or location | A12SW (W) | 832 | 7 | 433980 561068 |
| 106 | **Points of Interest - Manufacturing and Production**<br>Name: Downhill Quarry (Limestone and Sand)<br>Location: NE36<br>Category: Extractive Industries<br>Class Code: Stone Quarrying and Preparation<br>Positional Accuracy: Positioned to an adjacent address or location | A8SE (S) | 941 | 7 | 434877 560148 |
| 107 | **Points of Interest - Public Infrastructure**<br>Name: Boldon Waste Removals<br>Location: 198 Arnold Street, Boldon Colliery, NE35 9AZ<br>Category: Infrastructure and Facilities<br>Class Code: Waste Storage, Processing and Disposal<br>Positional Accuracy: Positioned to address or location | A13NW (N) | 299 | 7 | 434782 561482 |
| 108 | **Points of Interest - Public Infrastructure**<br>Name: Cemetery<br>Location: NE36<br>Category: Infrastructure and Facilities<br>Class Code: Cemeteries and Crematoria<br>Positional Accuracy: Positioned to an adjacent address or location | A14SW (SE) | 489 | 7 | 435375 560907 |
| 108 | **Points of Interest - Public Infrastructure**<br>Name: Cemetery<br>Location: Not Supplied<br>Category: Infrastructure and Facilities<br>Class Code: Cemeteries and Crematoria<br>Positional Accuracy: Positioned to an adjacent address or location | A14SW (SE) | 495 | 7 | 435383 560908 |
| 108 | **Points of Interest - Public Infrastructure**<br>Name: Mortuary<br>Location: Not Supplied<br>Category: Infrastructure and Facilities<br>Class Code: Cemeteries and Crematoria<br>Positional Accuracy: Positioned to an adjacent address or location | A14SW (E) | 512 | 7 | 435429 560971 |
| 109 | **Points of Interest - Public Infrastructure**<br>Name: Asda Petrol<br>Location: North, Road, Boldon Colliery, NE35 9AR<br>Category: Road And Rail<br>Class Code: Petrol and Fuel Stations<br>Positional Accuracy: Positioned to address or location | A12NE (NW) | 515 | 7 | 434386 561444 |
| 109 | **Points of Interest - Public Infrastructure**<br>Name: Asda Boldon Automat<br>Location: North Road, Boldon Colliery, NE35 9AR<br>Category: Road And Rail<br>Class Code: Petrol and Fuel Stations<br>Positional Accuracy: Positioned to address or location | A12NE (NW) | 518 | 7 | 434383 561444 |
| 110 | **Points of Interest - Public Infrastructure**<br>Name: Boldon<br>Location: North Road, Boldon Colliery, NE35 9AR<br>Category: Road And Rail<br>Class Code: Petrol and Fuel Stations<br>Positional Accuracy: Positioned to address or location | A17SE (NW) | 619 | 7 | 434480 561673 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 111 | **Points of Interest - Public Infrastructure**<br>Name: Boldon Police Station<br>Location: Police Station, North Road, Boldon Colliery, NE35 9AF<br>Category: Central and Local Government<br>Class Code: Police Stations<br>Positional Accuracy: Positioned to address or location | A17NE (NW) | 746 | 7 | 434497 561835 |
| 112 | **Points of Interest - Public Infrastructure**<br>Name: Slag Heap<br>Location: NE35<br>Category: Infrastructure and Facilities<br>Class Code: Refuse Disposal Facilities<br>Positional Accuracy: Positioned to an adjacent address or location | A18NE (N) | 949 | 7 | 435021 562149 |
| 113 | **Points of Interest - Public Infrastructure**<br>Name: Slag Heap<br>Location: NE35<br>Category: Infrastructure and Facilities<br>Class Code: Refuse Disposal Facilities<br>Positional Accuracy: Positioned to an adjacent address or location | A23SW (N) | 961 | 7 | 434840 562167 |
| 114 | **Points of Interest - Recreational and Environmental**<br>Name: Playground<br>Location: North Road, NE35<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location | A13NW (N) | 168 | 7 | 434815 561353 |
| 114 | **Points of Interest - Recreational and Environmental**<br>Name: Playground<br>Location: Not Supplied<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location | A13NW (N) | 169 | 7 | 434815 561354 |
| 115 | **Points of Interest - Recreational and Environmental**<br>Name: Playground<br>Location: Not Supplied<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location | A14SW (E) | 341 | 7 | 435259 561007 |
| 115 | **Points of Interest - Recreational and Environmental**<br>Name: Playground<br>Location: NE36<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location | A14SW (E) | 341 | 7 | 435259 561006 |
| 115 | **Points of Interest - Recreational and Environmental**<br>Name: Playground<br>Location: Dipe Lane, NE36<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location | A14SW (SE) | 348 | 7 | 435259 560988 |
| 116 | **Points of Interest - Recreational and Environmental**<br>Name: Playground<br>Location: Henley Way, NE35<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to address or location | A17SE (NW) | 698 | 7 | 434426 561732 |
| 116 | **Points of Interest - Recreational and Environmental**<br>Name: Playground<br>Location: Not Supplied<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location | A17SE (NW) | 699 | 7 | 434424 561733 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 117 | **Areas of Adopted Green Belt**<br>Authority: South Tyneside Metropolitan Borough Council, Planning Department<br>Plan Name: Core Strategy<br>**Status: Adopted**<br>Plan Date: 30th June 2007 | A13SW (S) | 156 | 5 | 434810 560940 |

| Agency & Hydrological | Version | Update Cycle |
|---|---|---|
| **Contaminated Land Register Entries and Notices** | | |
| South Tyneside Metropolitan Borough Council - Neighbourhood Services | December 2014 | Annual Rolling Update |
| Gateshead Metropolitan Borough Council - Environmental Health Department | July 2013 | Annual Rolling Update |
| North Tyneside Metropolitan Borough Council - Environmental Health Department | March 2015 | Annual Rolling Update |
| Sunderland City Metropolitan Borough Council - Environmental Health Department | March 2015 | Annually |
| **Discharge Consents** | | |
| Environment Agency - North East Region | January 2017 | Quarterly |
| **Enforcement and Prohibition Notices** | | |
| Environment Agency - North East Region | March 2013 | As notified |
| **Integrated Pollution Controls** | | |
| Environment Agency - North East Region | October 2008 | Not Applicable |
| **Integrated Pollution Prevention And Control** | | |
| Environment Agency - North East Region | January 2017 | Quarterly |
| **Local Authority Integrated Pollution Prevention And Control** | | |
| North Tyneside Metropolitan Borough Council - Environmental Health Department | April 2014 | Annual Rolling Update |
| Gateshead Metropolitan Borough Council - Environmental Health Department | February 2013 | Annual Rolling Update |
| Sunderland City Metropolitan Borough Council - Environmental Health Department | May 2016 | Annual Rolling Update |
| South Tyneside Metropolitan Borough Council - Environmental Health Department | September 2012 | Annual Rolling Update |
| **Local Authority Pollution Prevention and Controls** | | |
| North Tyneside Metropolitan Borough Council - Environmental Health Department | April 2014 | Annual Rolling Update |
| Sunderland City Metropolitan Borough Council - Environmental Health Department | May 2016 | Annual Rolling Update |
| Gateshead Metropolitan Borough Council - Environmental Health Department | October 2014 | Annual Rolling Update |
| South Tyneside Metropolitan Borough Council - Environmental Health Department | September 2012 | Annual Rolling Update |
| **Local Authority Pollution Prevention and Control Enforcements** | | |
| North Tyneside Metropolitan Borough Council - Environmental Health Department | April 2014 | Annual Rolling Update |
| Sunderland City Metropolitan Borough Council - Environmental Health Department | May 2016 | Annual Rolling Update |
| Gateshead Metropolitan Borough Council - Environmental Health Department | October 2014 | Annual Rolling Update |
| South Tyneside Metropolitan Borough Council - Environmental Health Department | September 2012 | Annual Rolling Update |
| **Nearest Surface Water Feature** | | |
| Ordnance Survey | July 2012 | Quarterly |
| **Pollution Incidents to Controlled Waters** | | |
| Environment Agency - North East Region | December 1998 | Not Applicable |
| **Prosecutions Relating to Authorised Processes** | | |
| Environment Agency - North East Region | March 2013 | As notified |
| **Prosecutions Relating to Controlled Waters** | | |
| Environment Agency - North East Region | March 2013 | As notified |
| **River Quality** | | |
| Environment Agency - Head Office | November 2001 | Not Applicable |
| **River Quality Biology Sampling Points** | | |
| Environment Agency - Head Office | July 2012 | Annually |
| **River Quality Chemistry Sampling Points** | | |
| Environment Agency - Head Office | July 2012 | Annually |
| **Substantiated Pollution Incident Register** | | |
| Environment Agency - North East Region - North East Area | January 2017 | Quarterly |
| Environment Agency - North East Region - Northumbria Area | January 2017 | Quarterly |
| **Water Abstractions** | | |
| Environment Agency - North East Region | October 2016 | Quarterly |
| **Water Industry Act Referrals** | | |
| Environment Agency - North East Region | January 2017 | Quarterly |
| **Groundwater Vulnerability** | | |
| Environment Agency - Head Office | April 2015 | Not Applicable |

# Data Currency

| Agency & Hydrological | Version | Update Cycle |
|---|---|---|
| **Drift Deposits**<br>Environment Agency - Head Office | January 1999 | Not Applicable |
| **Bedrock Aquifer Designations**<br>British Geological Survey - National Geoscience Information Service | August 2015 | As notified |
| **Superficial Aquifer Designations**<br>British Geological Survey - National Geoscience Information Service | August 2015 | As notified |
| **Source Protection Zones**<br>Environment Agency - Head Office | February 2017 | Quarterly |
| **Extreme Flooding from Rivers or Sea without Defences**<br>Environment Agency - Head Office | February 2017 | Quarterly |
| **Flooding from Rivers or Sea without Defences**<br>Environment Agency - Head Office | February 2017 | Quarterly |
| **Areas Benefiting from Flood Defences**<br>Environment Agency - Head Office | February 2017 | Quarterly |
| **Flood Water Storage Areas**<br>Environment Agency - Head Office | February 2017 | Quarterly |
| **Flood Defences**<br>Environment Agency - Head Office | February 2017 | Quarterly |
| **Detailed River Network Lines**<br>Environment Agency - Head Office | September 2014 | Annually |
| **Detailed River Network Offline Drainage**<br>Environment Agency - Head Office | March 2012 | Annually |
| **Surface Water 1 in 30 year Flood Extent**<br>Environment Agency - Head Office | October 2013 | As notified |
| **Surface Water 1 in 100 year Flood Extent**<br>Environment Agency - Head Office | October 2013 | As notified |
| **Surface Water 1 in 1000 year Flood Extent**<br>Environment Agency - Head Office | October 2013 | As notified |
| **Surface Water Suitability**<br>Environment Agency - Head Office | October 2013 | As notified |
| **BGS Groundwater Flooding Susceptibility**<br>British Geological Survey - National Geoscience Information Service | May 2013 | Annually |

| Waste | Version | Update Cycle |
|---|---|---|
| **BGS Recorded Landfill Sites** | | |
| British Geological Survey - National Geoscience Information Service | June 1996 | Not Applicable |
| **Historical Landfill Sites** | | |
| Environment Agency - Head Office | January 2017 | Quarterly |
| **Integrated Pollution Control Registered Waste Sites** | | |
| Environment Agency - North East Region | October 2008 | Not Applicable |
| **Licensed Waste Management Facilities (Landfill Boundaries)** | | |
| Environment Agency - North East Region - North East Area | August 2016 | Quarterly |
| Environment Agency - North East Region - Northumbria Area | August 2016 | Quarterly |
| **Licensed Waste Management Facilities (Locations)** | | |
| Environment Agency - North East Region - North East Area | October 2016 | Quarterly |
| Environment Agency - North East Region - Northumbria Area | October 2016 | Quarterly |
| **Local Authority Landfill Coverage** | | |
| Gateshead Metropolitan Borough Council - Development Control | May 2000 | Not Applicable |
| North Tyneside Metropolitan Borough Council - Environmental Health Department | May 2000 | Not Applicable |
| South Tyneside Metropolitan Borough Council - Planning Department | May 2000 | Not Applicable |
| Sunderland City Metropolitan Borough Council - Environmental Health Department | May 2000 | Not Applicable |
| **Local Authority Recorded Landfill Sites** | | |
| Gateshead Metropolitan Borough Council - Development Control | May 2000 | Not Applicable |
| North Tyneside Metropolitan Borough Council - Environmental Health Department | May 2000 | Not Applicable |
| South Tyneside Metropolitan Borough Council - Planning Department | May 2000 | Not Applicable |
| Sunderland City Metropolitan Borough Council - Environmental Health Department | May 2000 | Not Applicable |
| **Potentially Infilled Land (Non-Water)** | | |
| Landmark Information Group Limited | December 1999 | Not Applicable |
| **Potentially Infilled Land (Water)** | | |
| Landmark Information Group Limited | December 1999 | Not Applicable |
| **Registered Landfill Sites** | | |
| Environment Agency - North East Region - Northumbria Area | March 2003 | Not Applicable |
| **Registered Waste Transfer Sites** | | |
| Environment Agency - North East Region - Northumbria Area | March 2003 | Not Applicable |
| **Registered Waste Treatment or Disposal Sites** | | |
| Environment Agency - North East Region - Northumbria Area | March 2003 | Not Applicable |
| **Hazardous Substances** | **Version** | **Update Cycle** |
| **Control of Major Accident Hazards Sites (COMAH)** | | |
| Health and Safety Executive | July 2016 | Bi-Annually |
| **Explosive Sites** | | |
| Health and Safety Executive | September 2016 | Bi-Annually |
| **Notification of Installations Handling Hazardous Substances (NIHHS)** | | |
| Health and Safety Executive | November 2000 | Not Applicable |
| **Planning Hazardous Substance Enforcements** | | |
| Gateshead Metropolitan Borough Council - Development Control | February 2016 | Annual Rolling Update |
| North Tyneside Metropolitan Borough Council - Development Function | February 2016 | Annual Rolling Update |
| South Tyneside Metropolitan Borough Council - Planning Department | February 2016 | Annual Rolling Update |
| Sunderland City Metropolitan Borough Council - Planning | February 2016 | Annual Rolling Update |
| **Planning Hazardous Substance Consents** | | |
| Gateshead Metropolitan Borough Council - Development Control | February 2016 | Annual Rolling Update |
| North Tyneside Metropolitan Borough Council - Development Function | February 2016 | Annual Rolling Update |
| South Tyneside Metropolitan Borough Council - Planning Department | February 2016 | Annual Rolling Update |
| Sunderland City Metropolitan Borough Council - Planning | February 2016 | Annual Rolling Update |

| Geological | Version | Update Cycle |
|---|---|---|
| **BGS 1:625,000 Solid Geology**<br>British Geological Survey - National Geoscience Information Service | January 2009 | Not Applicable |
| **BGS Estimated Soil Chemistry**<br>British Geological Survey - National Geoscience Information Service | October 2015 | As notified |
| **BGS Recorded Mineral Sites**<br>British Geological Survey - National Geoscience Information Service | October 2016 | Bi-Annually |
| **CBSCB Compensation District**<br>Cheshire Brine Subsidence Compensation Board (CBSCB) | August 2011 | Not Applicable |
| **Coal Mining Affected Areas**<br>The Coal Authority - Property Searches | March 2014 | As notified |
| **Mining Instability**<br>Ove Arup & Partners | October 2000 | Not Applicable |
| **Non Coal Mining Areas of Great Britain**<br>British Geological Survey - National Geoscience Information Service | May 2015 | Not Applicable |
| **Potential for Collapsible Ground Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | June 2015 | Annually |
| **Potential for Compressible Ground Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | June 2015 | Annually |
| **Potential for Ground Dissolution Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | June 2015 | Annually |
| **Potential for Landslide Ground Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | June 2015 | Annually |
| **Potential for Running Sand Ground Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | June 2015 | Annually |
| **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | June 2015 | Annually |
| **Radon Potential - Radon Affected Areas**<br>British Geological Survey - National Geoscience Information Service | July 2011 | As notified |
| **Radon Potential - Radon Protection Measures**<br>British Geological Survey - National Geoscience Information Service | July 2011 | As notified |
| **Industrial Land Use** | **Version** | **Update Cycle** |
| **Contemporary Trade Directory Entries**<br>Thomson Directories | January 2017 | Quarterly |
| **Fuel Station Entries**<br>Catalist Ltd - Experian | February 2017 | Quarterly |
| **Gas Pipelines**<br>National Grid | July 2014 | Quarterly |
| **Points of Interest - Commercial Services**<br>PointX | December 2016 | Quarterly |
| **Points of Interest - Education and Health**<br>PointX | December 2016 | Quarterly |
| **Points of Interest - Manufacturing and Production**<br>PointX | December 2016 | Quarterly |
| **Points of Interest - Public Infrastructure**<br>PointX | December 2016 | Quarterly |
| **Points of Interest - Recreational and Environmental**<br>PointX | December 2016 | Quarterly |
| **Underground Electrical Cables**<br>National Grid | December 2015 | Bi-Annually |

| Sensitive Land Use | Version | Update Cycle |
|---|---|---|
| **Ancient Woodland** | | |
| Natural England | August 2016 | Bi-Annually |
| **Areas of Adopted Green Belt** | | |
| Gateshead Metropolitan Borough Council - Development Control | February 2017 | As notified |
| North Tyneside Metropolitan Borough Council | February 2017 | As notified |
| South Tyneside Metropolitan Borough Council - Planning Department | February 2017 | As notified |
| Sunderland City Metropolitan Borough Council - Planning | February 2017 | As notified |
| **Areas of Unadopted Green Belt** | | |
| Gateshead Metropolitan Borough Council - Development Control | February 2017 | As notified |
| North Tyneside Metropolitan Borough Council | February 2017 | As notified |
| South Tyneside Metropolitan Borough Council - Planning Department | February 2017 | As notified |
| Sunderland City Metropolitan Borough Council - Planning | February 2017 | As notified |
| **Areas of Outstanding Natural Beauty** | | |
| Natural England | January 2017 | Bi-Annually |
| **Environmentally Sensitive Areas** | | |
| Natural England | January 2017 | Annually |
| **Forest Parks** | | |
| Forestry Commission | April 1997 | Not Applicable |
| **Local Nature Reserves** | | |
| Natural England | January 2017 | Bi-Annually |
| **Marine Nature Reserves** | | |
| Natural England | January 2017 | Bi-Annually |
| **National Nature Reserves** | | |
| Natural England | January 2017 | Bi-Annually |
| **National Parks** | | |
| Natural England | February 2017 | Bi-Annually |
| **Nitrate Sensitive Areas** | | |
| Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) | April 2016 | Not Applicable |
| **Nitrate Vulnerable Zones** | | |
| Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) | October 2015 | Annually |
| **Ramsar Sites** | | |
| Natural England | January 2017 | Bi-Annually |
| **Sites of Special Scientific Interest** | | |
| Natural England | January 2017 | Bi-Annually |
| **Special Areas of Conservation** | | |
| Natural England | January 2017 | Bi-Annually |
| **Special Protection Areas** | | |
| Natural England | January 2017 | Bi-Annually |
| **World Heritage Sites** | | |
| English Heritage - National Monument Record Centre | September 2015 | Bi-Annually |

# Data Suppliers

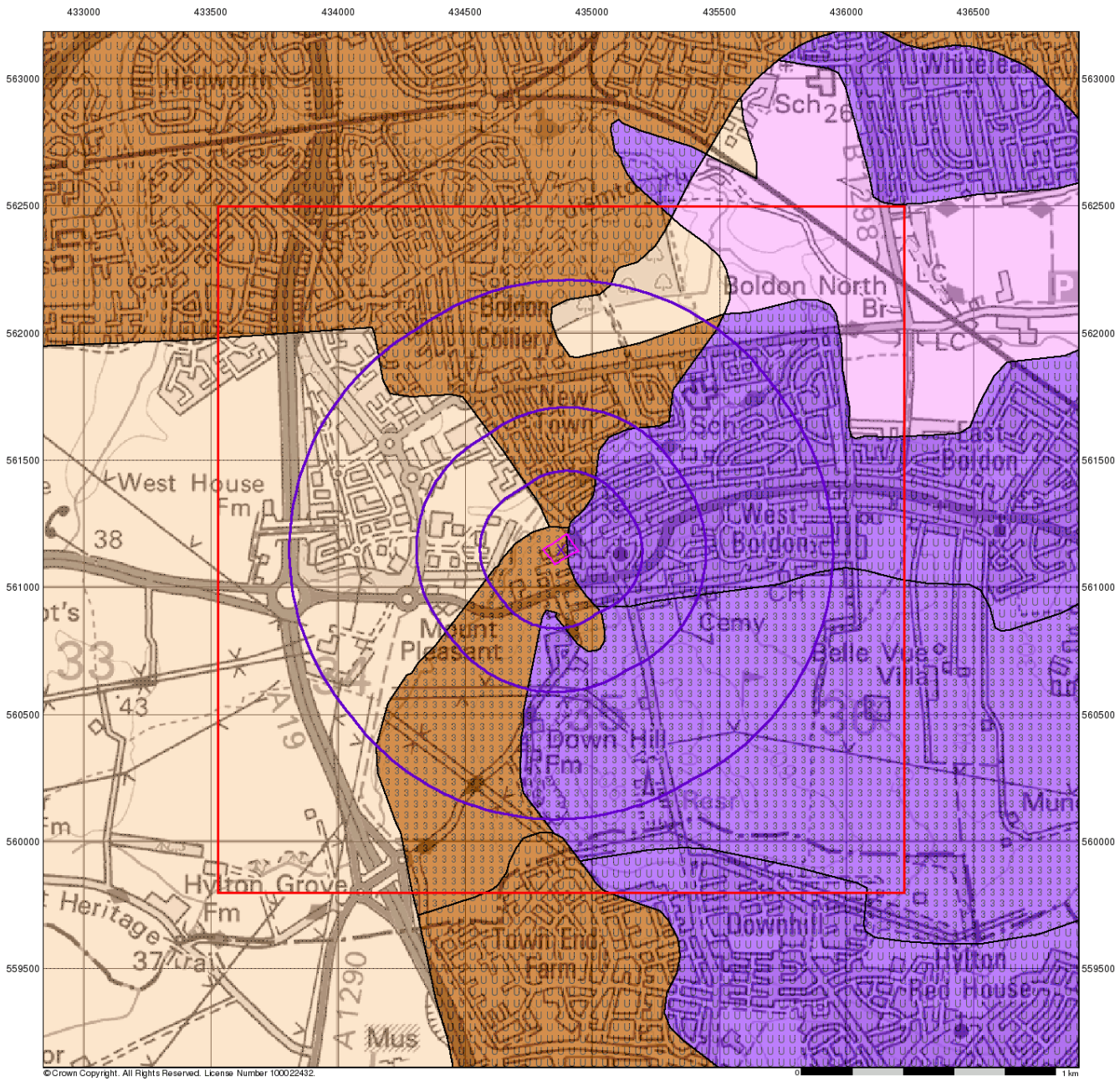
A selection of organisations who provide data within this report

| Data Supplier | Data Supplier Logo |
|---|---|
| **Ordnance Survey** | |
| **Environment Agency** | |
| **Scottish Environment Protection Agency** | |
| **The Coal Authority** | |
| **British Geological Survey** | |
| **Centre for Ecology and Hydrology** | |
| **Natural Resources Wales** | |
| **Scottish Natural Heritage** | |
| **Natural England** | |
| **Public Health England** | |
| **Ove Arup** | |
| **Peter Brett Associates** | |

# Useful Contacts

| Contact | Name and Address | Contact Details |
|---|---|---|
| 2 | **British Geological Survey - Enquiry Service**<br>British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG | Telephone: 0115 936 3143<br>Fax: 0115 936 3276<br>Email: enquiries@bgs.ac.uk<br>Website: www.bgs.ac.uk |
| 3 | **Environment Agency - National Customer Contact Centre (NCCC)**<br>PO Box 544, Templeborough, Rotherham, S60 1BY | Telephone: 03708 506 506<br>Email: enquiries@environment-agency.gov.uk |
| 4 | **South Tyneside Metropolitan Borough Council - Environmental Health Department**<br>Central Library Building, Prince George Square, South Shields, Tyne And Wear, NE33 2PE | Telephone: 0191 427 1717<br>Fax: 0191 427 7171<br>Website: www.s-tyneside-mbc.gov.uk |
| 5 | **South Tyneside Metropolitan Borough Council - Planning Department**<br>Town Hall & Civic Offices, Westoe Road, South Shields, Tyne & Wear, NE33 2RL | Telephone: 0191 427 1717<br>Fax: 0191 427 7171<br>Website: www.s-tyneside-mbc.gov.uk |
| 6 | **The Coal Authority - Property Searches**<br>200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG | Telephone: 0345 762 6848<br>Fax: 01623 637 338<br>Email: groundstability@coal.gov.uk |
| 7 | **PointX**<br>7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY | Website: www.pointx.co.uk |
| 8 | **Sunderland City Metropolitan Borough Council - Planning**<br>PO Box 107, Civic Centre, Sunderland, Tyne & Wear, SR2 7DN | Telephone: 0191 553 1000<br>Fax: 0191 553 1099<br>Website: www.sunderland.gov.uk |
| 9 | **Natural England**<br>County Hall, Spetchley Road, Worcester, WR5 2NP | Telephone: 0300 060 3900<br>Email: enquiries@naturalengland.org.uk<br>Website: www.naturalengland.org.uk |
| 10 | **Environment Agency - Head Office**<br>Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD | Telephone: 01454 624400<br>Fax: 01454 624409 |
| - | **Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards**<br>Chilton, Didcot, Oxfordshire, OX11 0RQ | Telephone: 01235 822622<br>Fax: 01235 833891<br>Email: radon@phe.gov.uk<br>Website: www.ukradon.org |
| - | **Landmark Information Group Limited**<br>Imperium, Imperial Way, Reading, Berkshire, RG2 0TD | Telephone: 0844 844 9952<br>Fax: 0844 844 9951<br>Email: customerservices@landmarkinfo.co.uk<br>Website: www.landmarkinfo.co.uk |

Please note that the Environment Agency / Natural Resources Wales / SEPA have a charging policy in place for enquiries.




# Groundwater Vulnerability

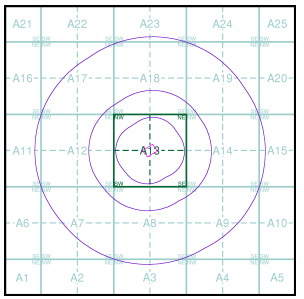
## General

Specified Site | Specified Buffer(s) | Bearing Reference Point
Slice | Map ID

## Agency and Hydrological

| Geological Classes | Soil Classes |
|---|---|
| Major Aquifer (Highly Permeable) | High (H) 1, 2, 3, U |
| | Intermediate (I) 1, 2 |
| | Low |
| Minor Aquifer (Variably Permeable) | High (H) 1, 2, 3, U |
| | Intermediate (I) 1, 2 |
| | Low |
| Non Aquifer (Negligibly Permeable) | |
| Water or Sea | |
| Drift Deposit | |

## Site Sensitivity Context Map - Slice A



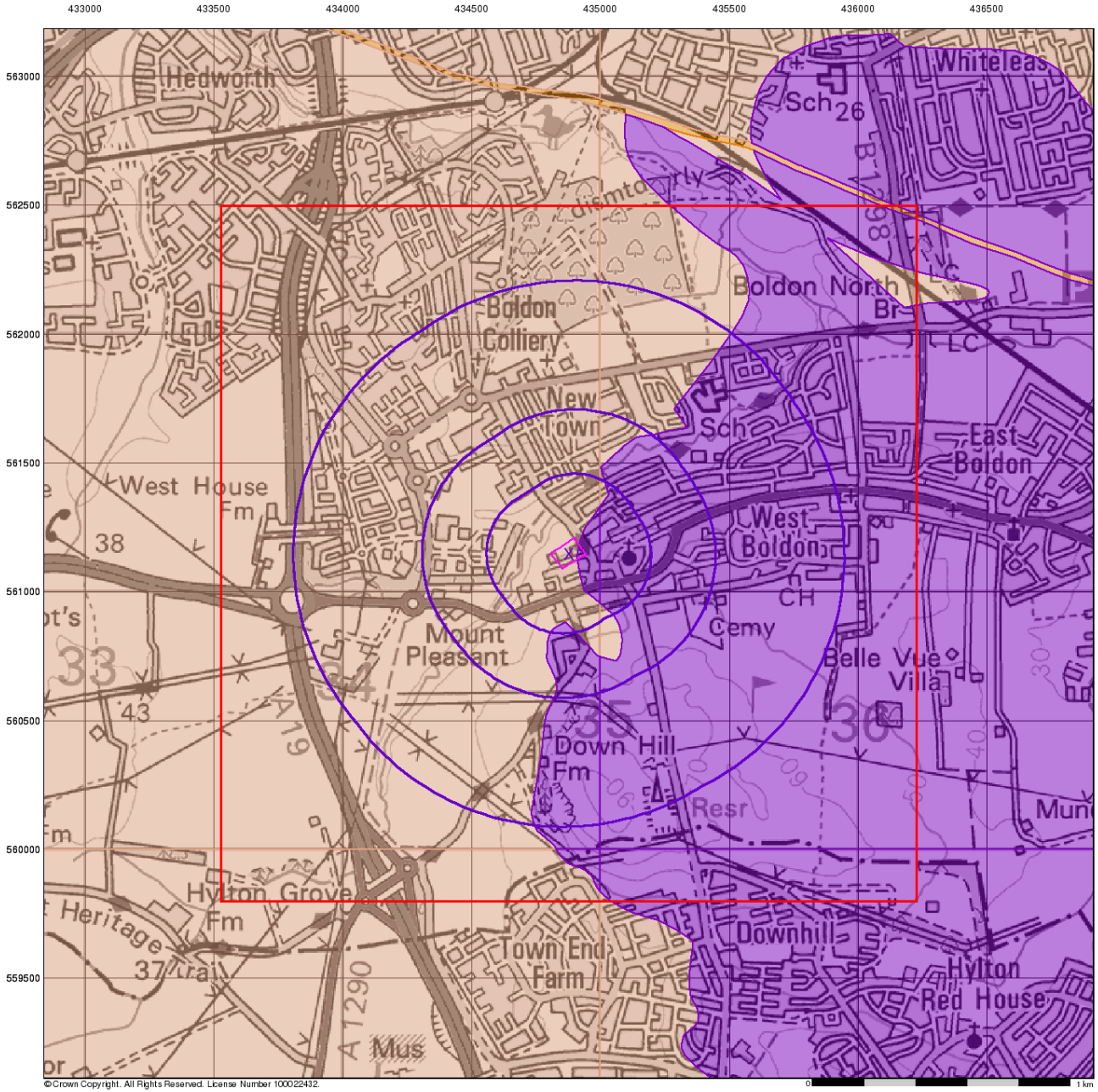

## Order Details

| | |
|---|---|
| Order Number: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 1000 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk




# Bedrock Aquifer Designation

## General

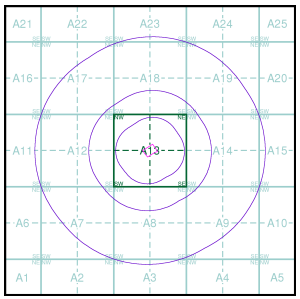
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

## Agency and Hydrological

**Geological Classes**

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

## Site Sensitivity Context Map - Slice A



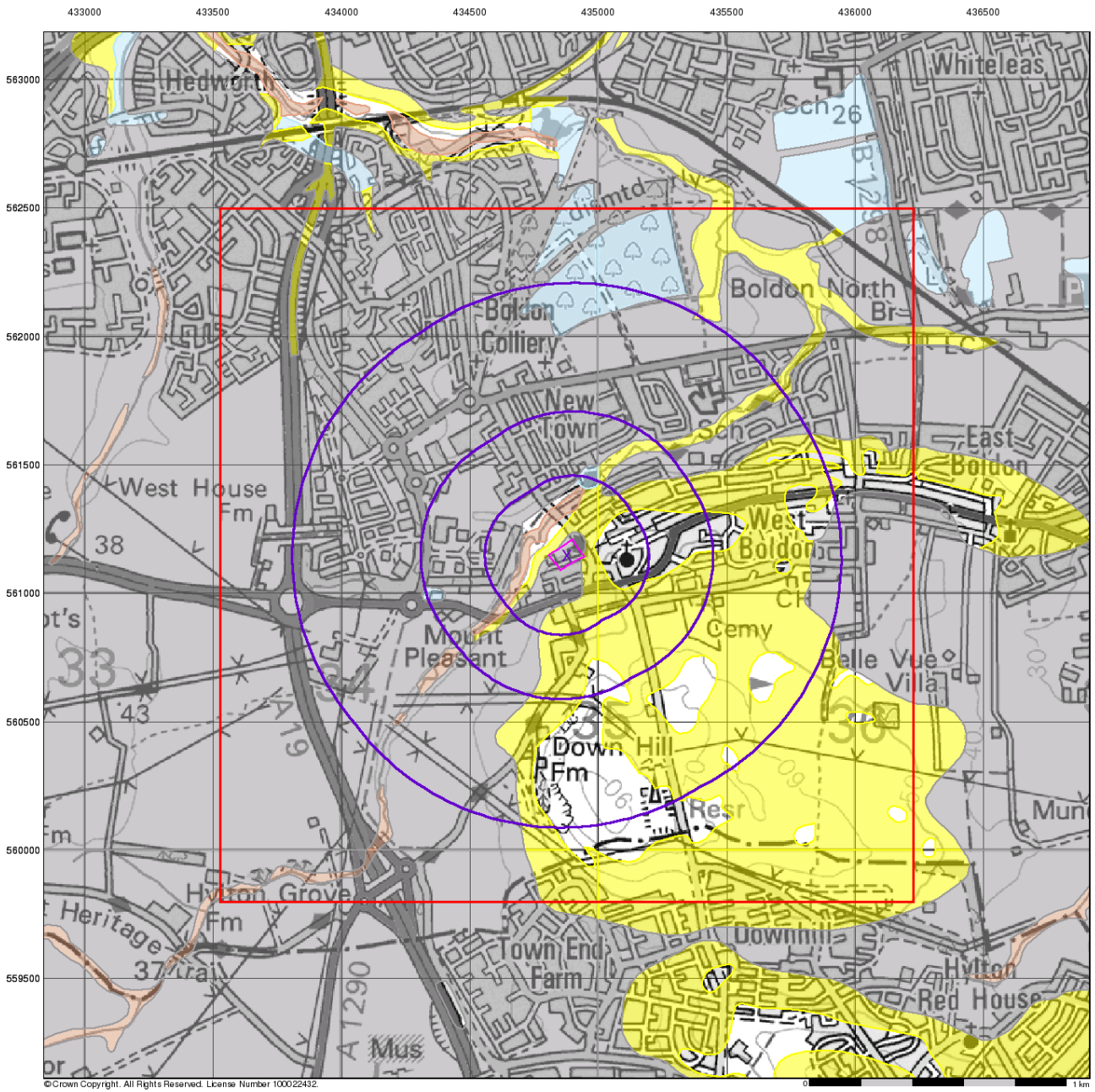

## Order Details

| | |
|---|---|
| Order Number: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 1000 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk




# Superficial Aquifer Designation

## General

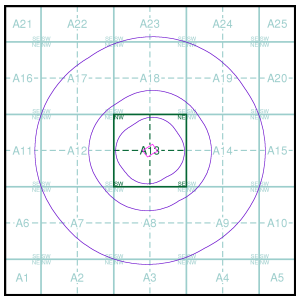
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

## Agency and Hydrological

**Geological Classes**

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

## Site Sensitivity Context Map - Slice A

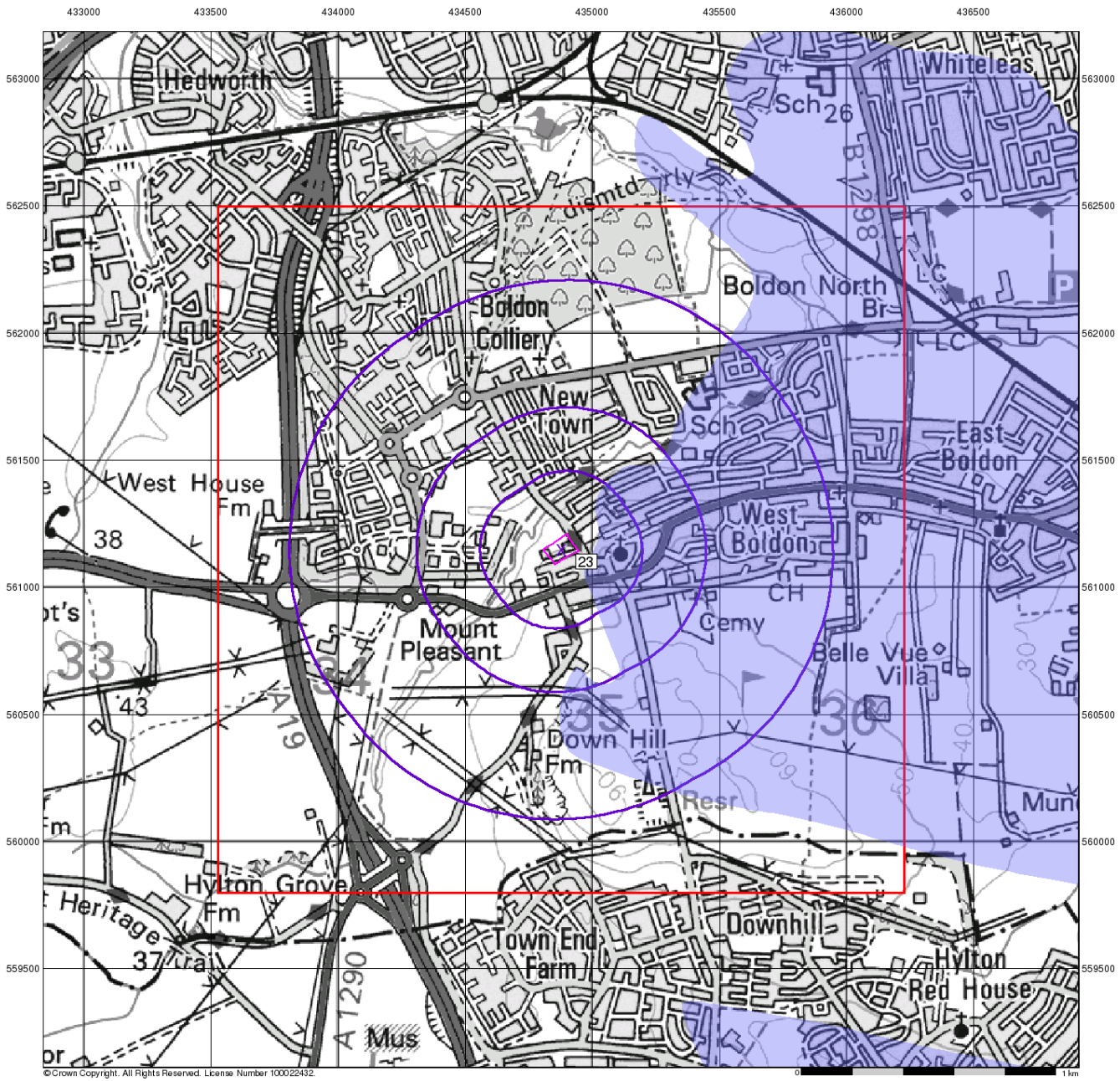



## Order Details

| | |
|---|---|
| Order Number: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 1000 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE




# Source Protection Zones

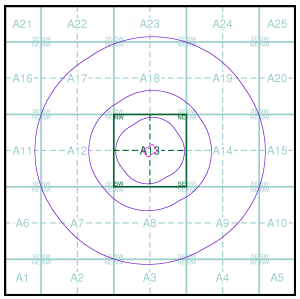
## General

Specified Site | Specified Buffer(s) | Bearing Reference Point
Slice | Map ID

## Agency and Hydrological

- Inner zone (Zone 1)
- Inner zone - subsurface activity only (Zone 1c)
- Outer zone (Zone 2)
- Outer zone - subsurface activity only (Zone 2c)
- Total catchment (Zone 3)
- Total catchment - subsurface activity only (Zone 3c)
- Special interest (Zone 4)
- Source Protection Zone Borehole

## Site Sensitivity Context Map - Slice A



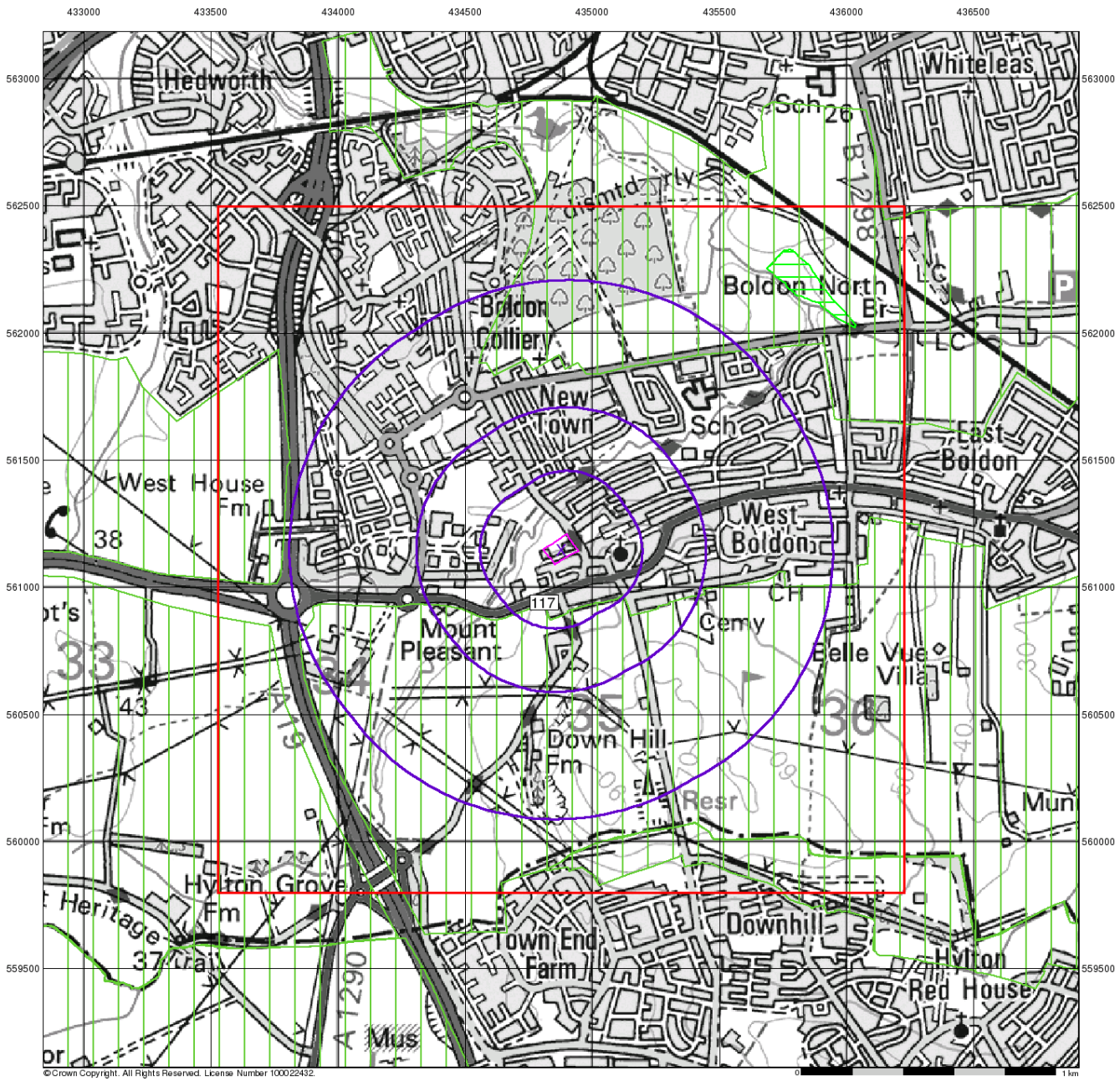

## Order Details

| | |
|---|---|
| Order Number: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 1000 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk




# Sensitive Land Uses

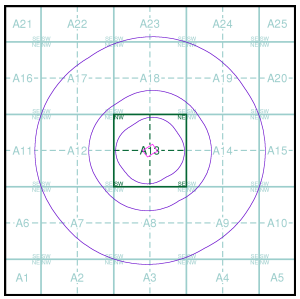
## General

Specified Site | Specified Buffer(s) | Bearing Reference Point
Slice | Map ID

## Sensitive Land Uses

- Ancient Woodland
- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area
- World Heritage Sites

## Site Sensitivity Context Map - Slice A



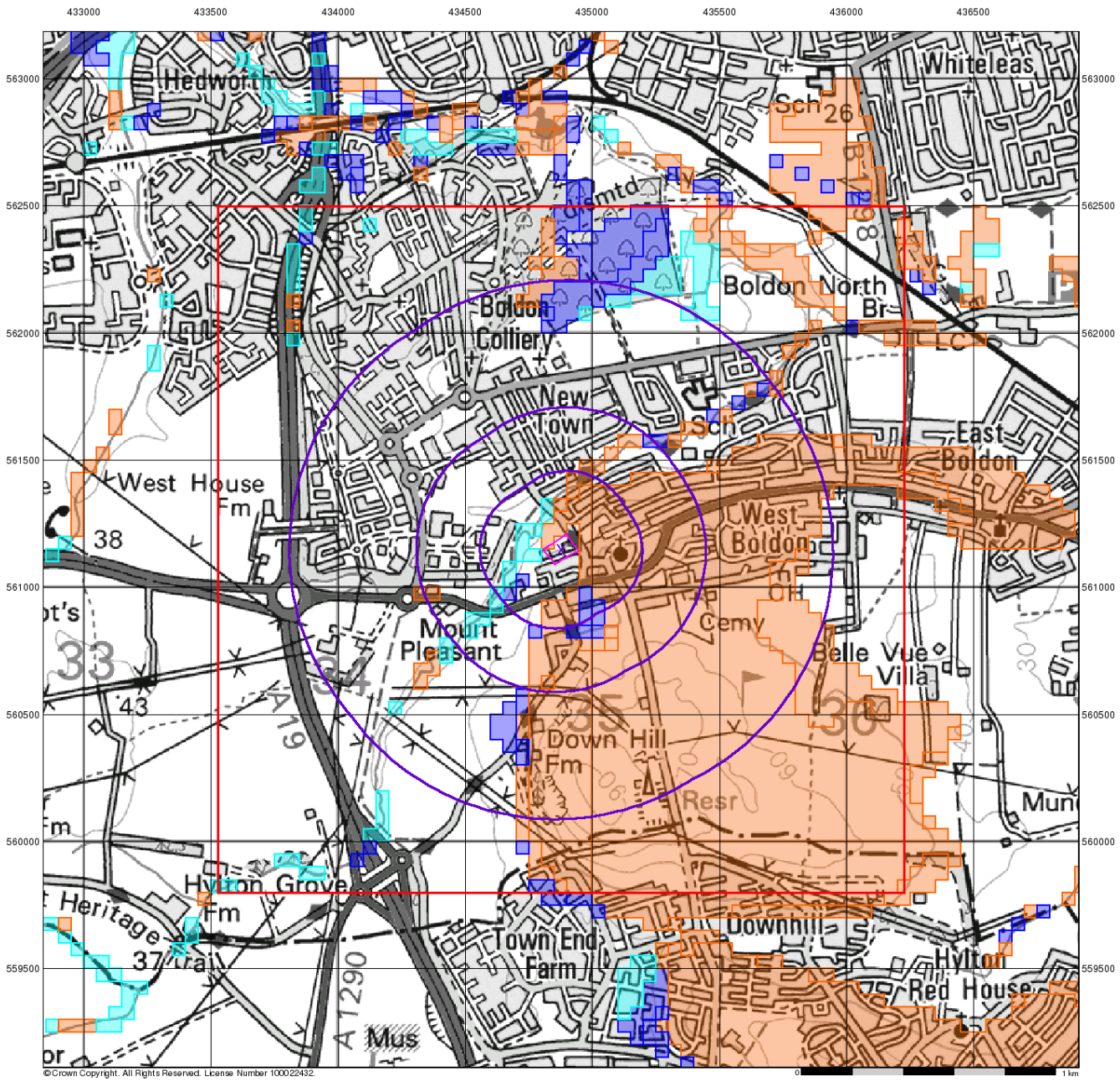

## Order Details

| | |
|---|---|
| Order Number: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 1000 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk




## BGS Flood GFS Data

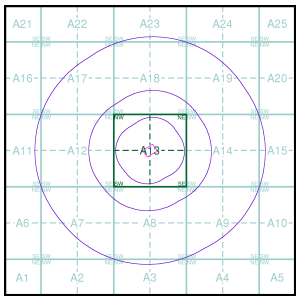
### General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice

### Agency and Hydrological (Flood)

- Limited Potential for Groundwater Flooding to Occur
- Potential for Groundwater Flooding of Property Situated Below Ground Level
- Potential for Groundwater Flooding to Occur at Surface

### Site Sensitivity Context Map - Slice A

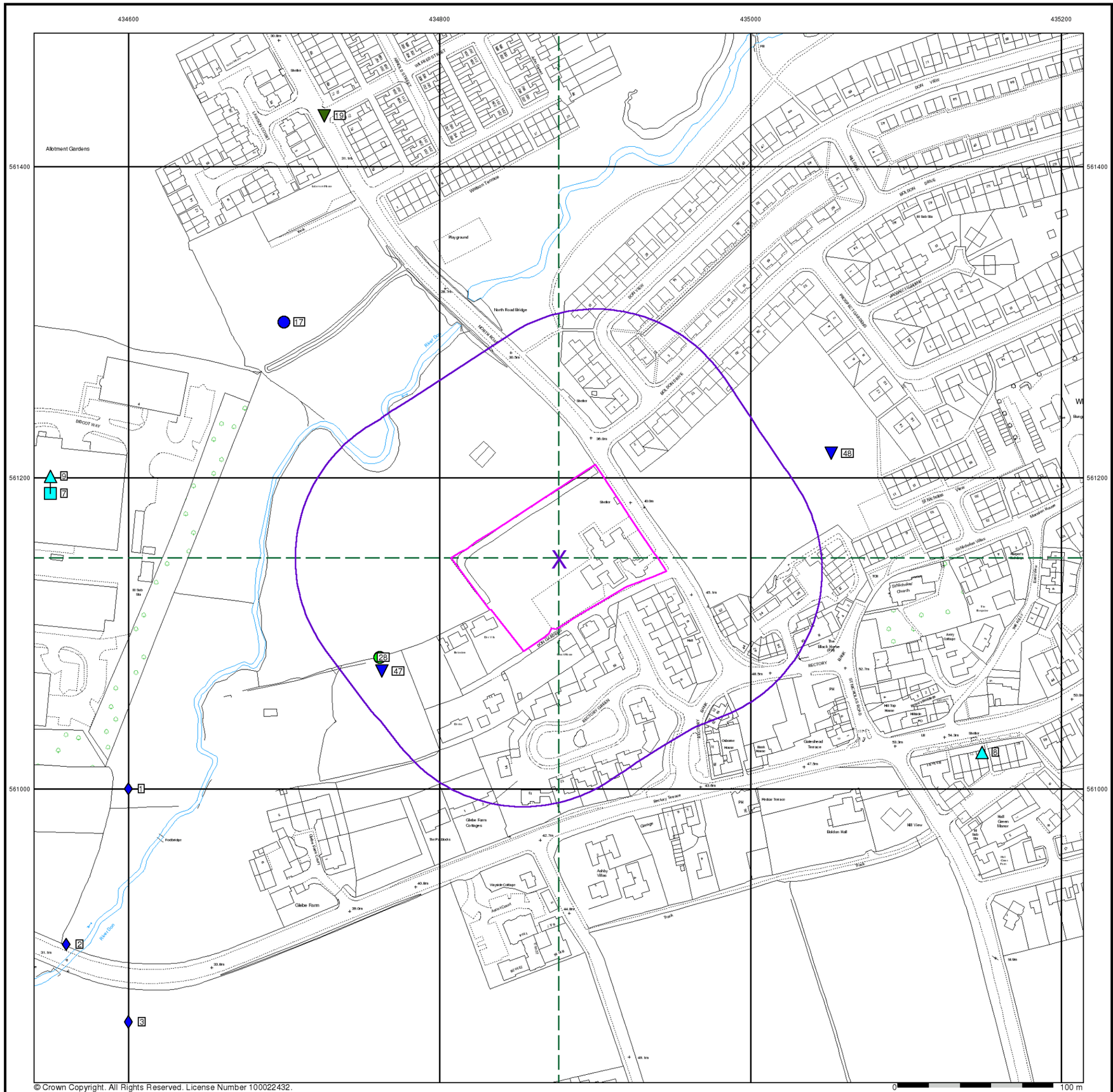



### Order Details

| | |
|---|---|
| Order Number: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 1000 |

### Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE




© Crown Copyright. All Rights Reserved. License Number 100022432.

## General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location
- Pylon
- Overhead Transmission Line

## Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

## Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

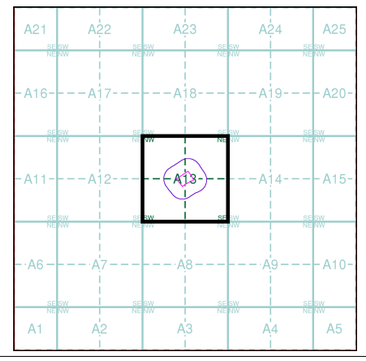
## Geological

- BGS Recorded Mineral Site

## 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 (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- 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 (Location)
- Registered Waste Treatment or Disposal Site

## Site Sensitivity Map - Segment A13



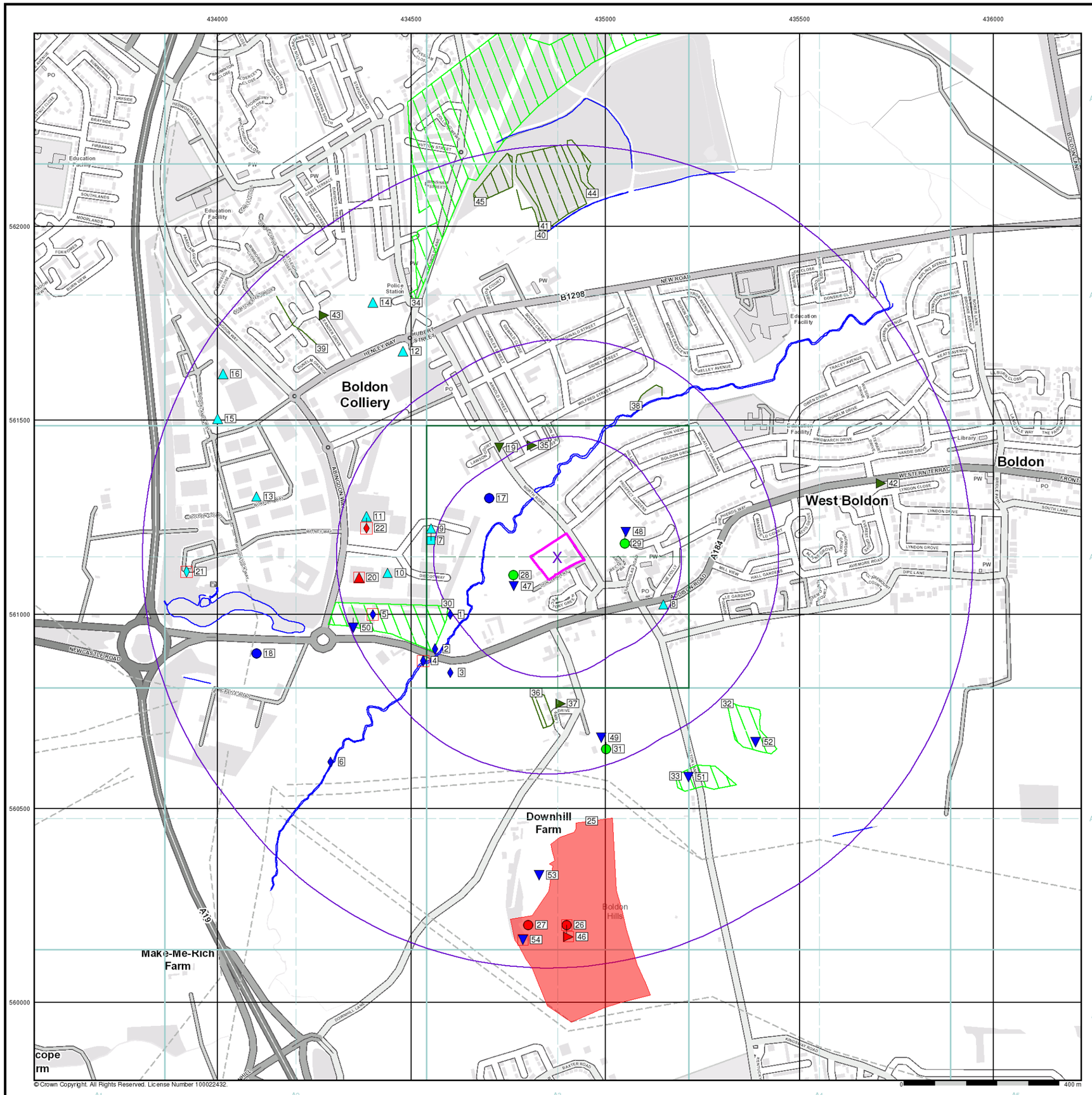

## Order Details

| | |
|---|---|
| Order Number: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Plot Buffer (m): | 100 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk




## General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- 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
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

## 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 (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- 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 (Location)
- Registered Waste Treatment or Disposal Site

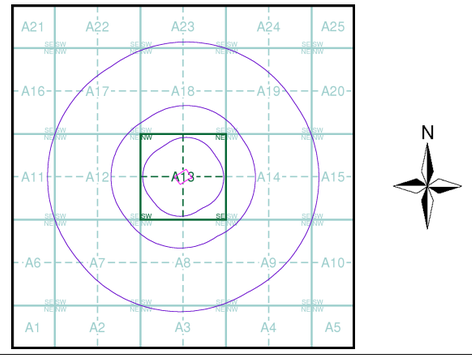
## Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

## Geological

- BGS Recorded Mineral Site

## Site Sensitivity Map - Slice A



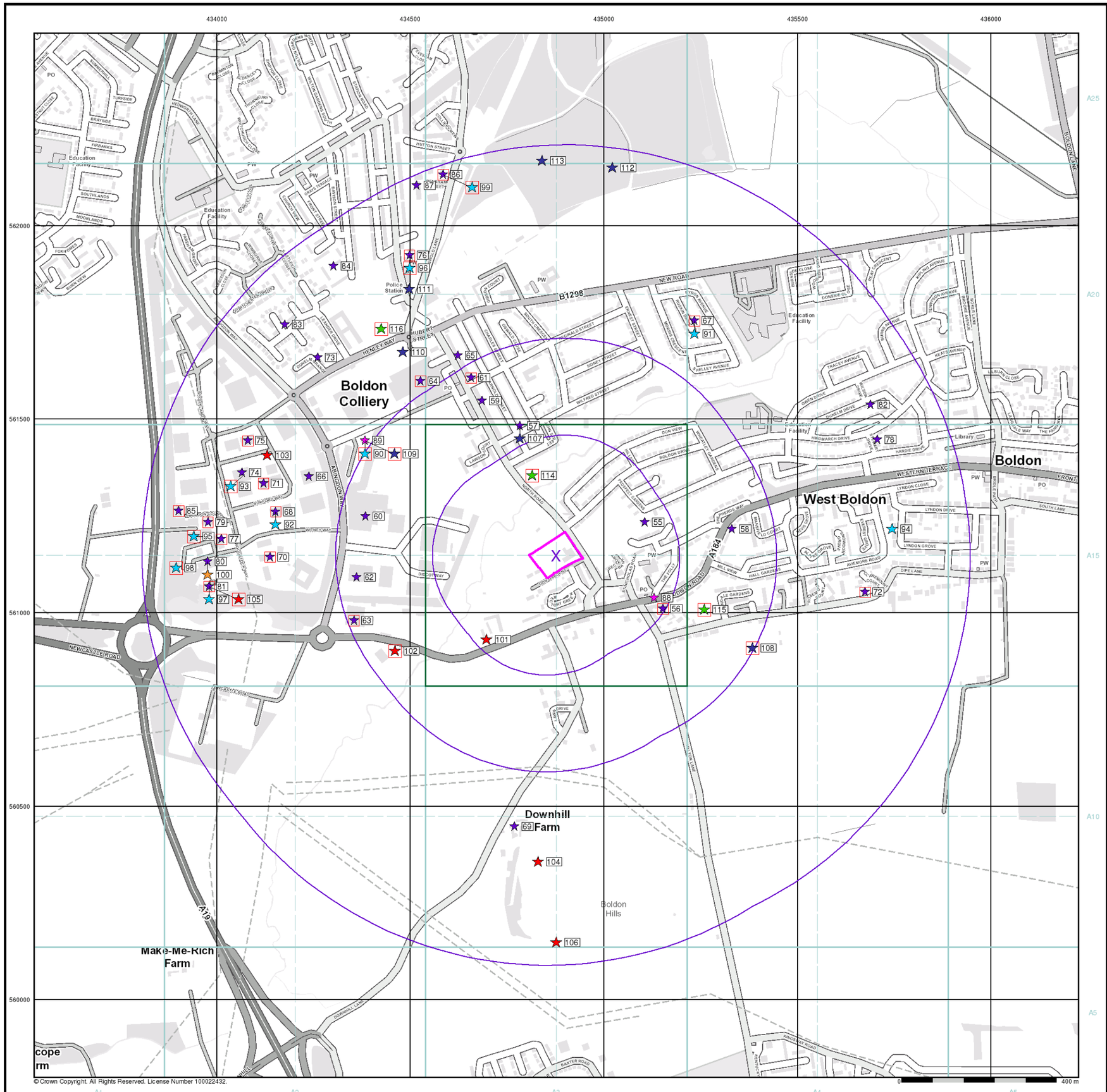

## Order Details

| | |
|---|---|
| Order Number: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 1000 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk




©Crown Copyright. All Rights Reserved. License Number 100022432.

# Industrial Land Use Map

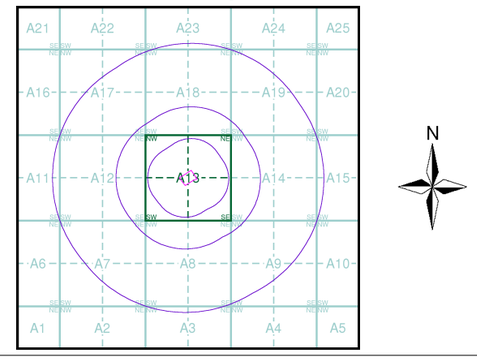
## General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

## Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Gas Pipeline
- Points of Interest - Commercial Services
- Points of Interest - Education and Health
- Points of Interest - Manufacturing and Production
- Points of Interest - Public Infrastructure
- Points of Interest - Recreational and Environmental
- Underground Electrical Cables

## Industrial Land Use Map - Slice A



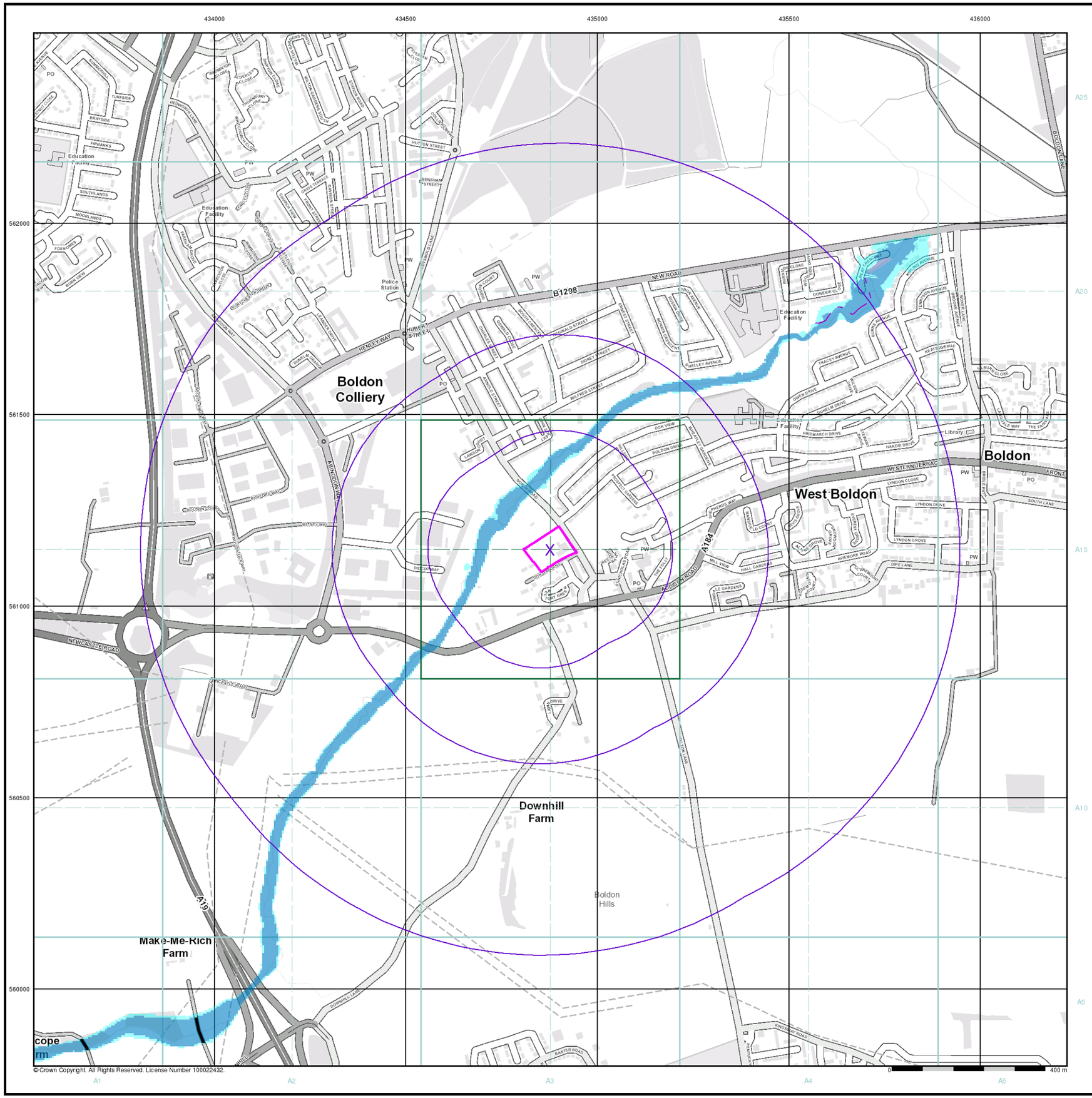

## Order Details

| | |
|---|---|
| Order Number: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 1000 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



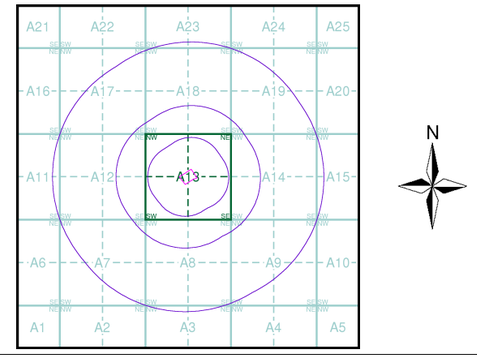

## General

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

## Agency and Hydrological (Flood)

- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- Flood Defence

## Flood Map - Slice A



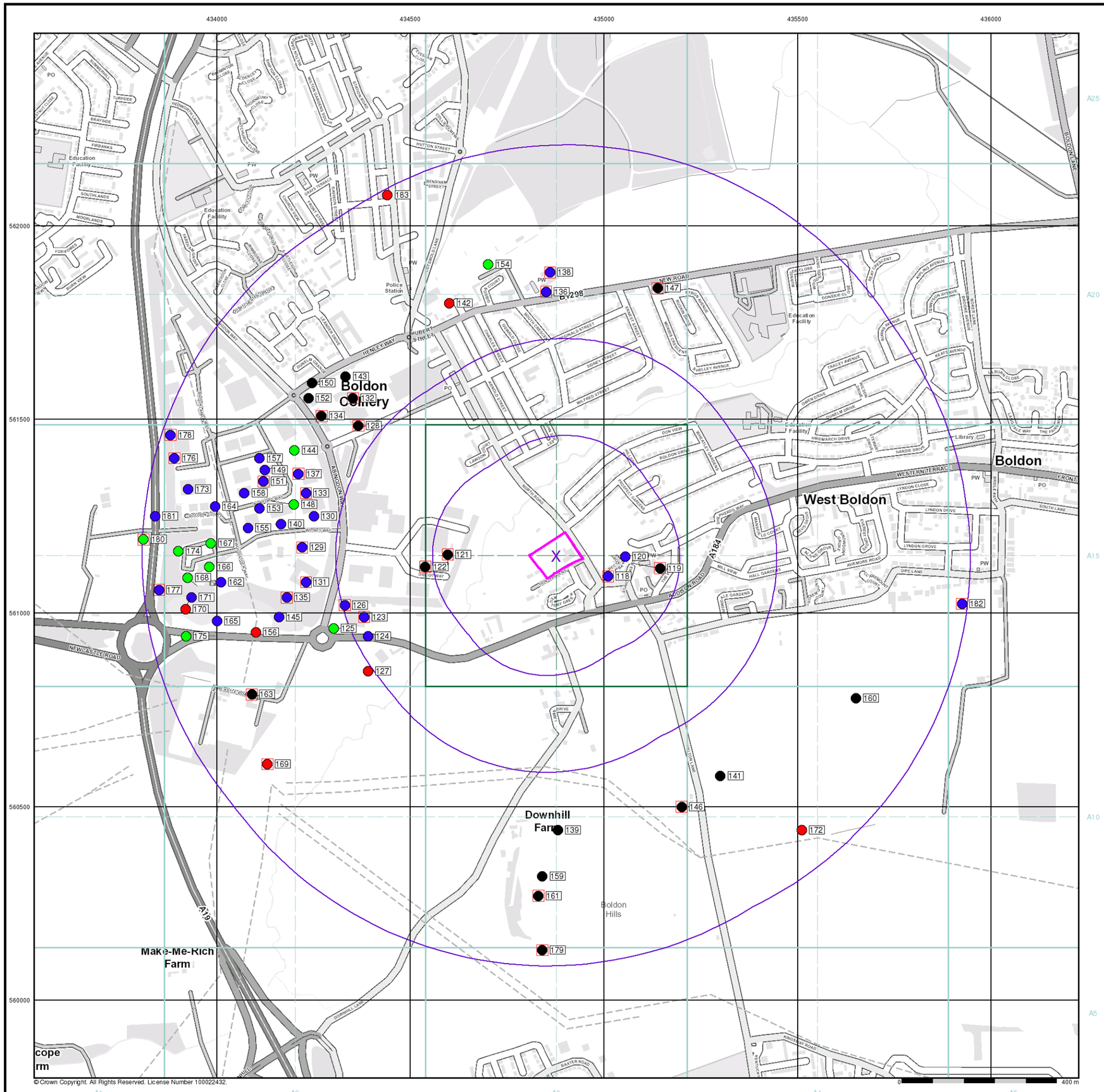

## Order Details

| | |
|---|---|
| Order Number: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 1000 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk




## General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

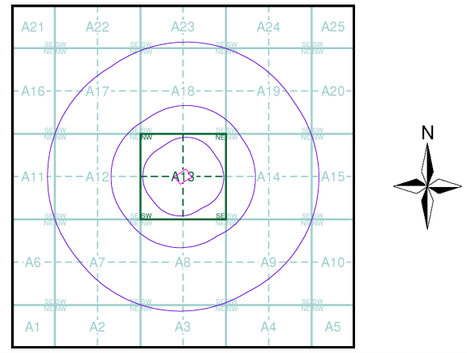
## Agency and Hydrological (Boreholes)

- BGS Borehole Depth 0 - 10m
- BGS Borehole Depth 10 - 30m
- BGS Borehole Depth 30m +
- Confidential
- Other

For Borehole information please refer to the Borehole .csv file which accompanied this slice.

A copy of the BGS Borehole Ordering Form is available to download from the Support section of www.envirocheck.co.uk.

## Borehole Map - Slice A




## Order Details

| | |
|---|---|
| Order Number: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 1000 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk




©Crown Copyright. All Rights Reserved. License Number 100022432.

## General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID

## Detailed River Network Data

- Primary River
- Secondary River
- Tertiary River
- Canal
- Canal Tunnel
- Undefined River
- Lake/Reservoir
- Offline Drainage Feature
- Extended Culvert (greater than 50m)
- Underground River (inferred)
- Underground River (local knowledge)
- Downstream of High Water Mark
- Downstream of Seaward Extension
- Not assigned River feature

## Contours (height in metres)

Standard Contour 105 100 95

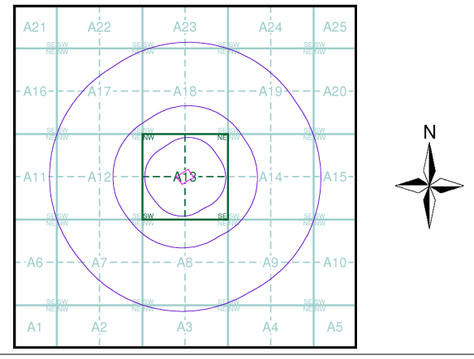
Master Contour

Spot Height *167.3

MLW Mean Low Water

MHW Mean High Water

## EA/NRW Detailed River Network Map - Slice A




## Order Details

| | |
|---|---|
| Order Number: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 1000 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk




© Crown Copyright. All Rights Reserved. License Number 100022432.

## General

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

## Risk of Flooding from Surface Water

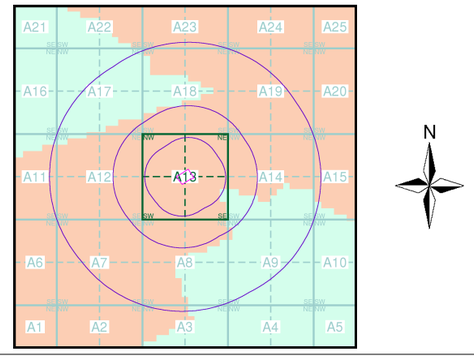
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

## Suitability

See the suitability map below

- National to county
- County to town
- Town to street
- Street to parcels of land
- Property

## EA/NRW Suitability Map - Slice A




## Order Details

| | |
|---|---|
| Order Number: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 1000 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk




© Crown Copyright. All Rights Reserved. License Number 100022432.

## General

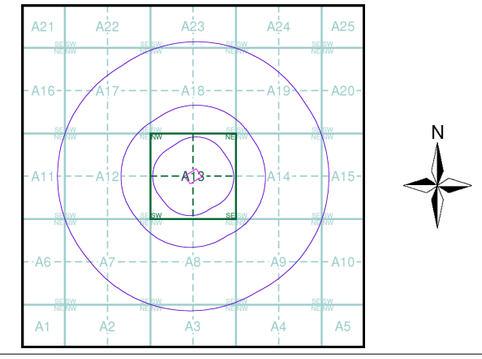
Specified Site | Specified Buffer(s) | X Bearing Reference Point

## Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg

- < 15
- 15 - 25
- 25 - 35
- 35 - 45
- 45 - 60
- 60 - 120
- > 120

## Estimated Soil Chemistry Arsenic - Slice A




## Order Details

| | |
|---|---|
| Order Details: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 1000 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk




© Crown Copyright. All Rights Reserved. License Number 100022432.

## General

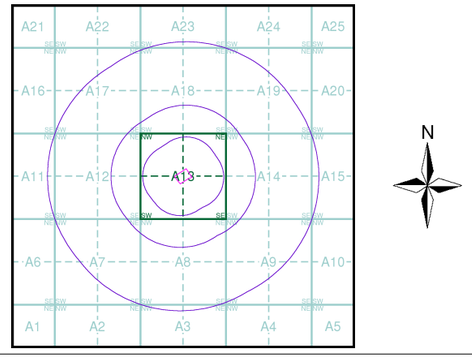
Specified Site | Specified Buffer(s) | X Bearing Reference Point

## Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg

- < 1.8
- 1.8 - 2.2
- 2.2 - 3.0
- > 3.0

## Estimated Soil Chemistry Cadmium - Slice A



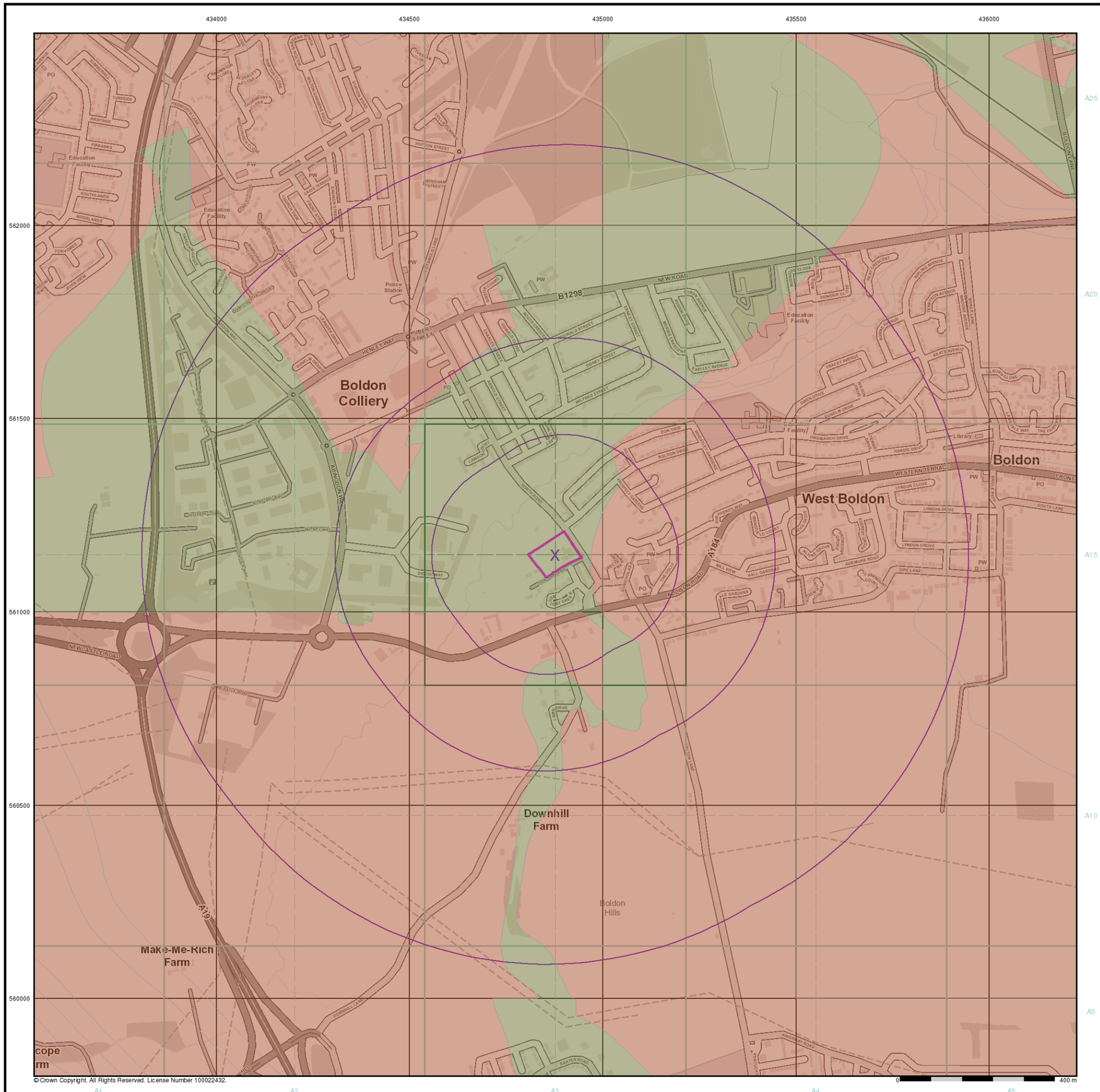

## Order Details

| | |
|---|---|
| Order Details: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 1000 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk




## General

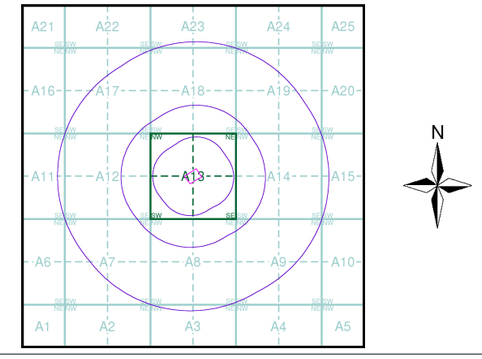
Specified Site | Specified Buffer(s) | X Bearing Reference Point

## Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg

- < 20
- 20 - 40
- 40 - 60
- 60 - 90
- 90 - 120
- 120 - 180
- > 180

## Estimated Soil Chemistry Chromium - Slice A



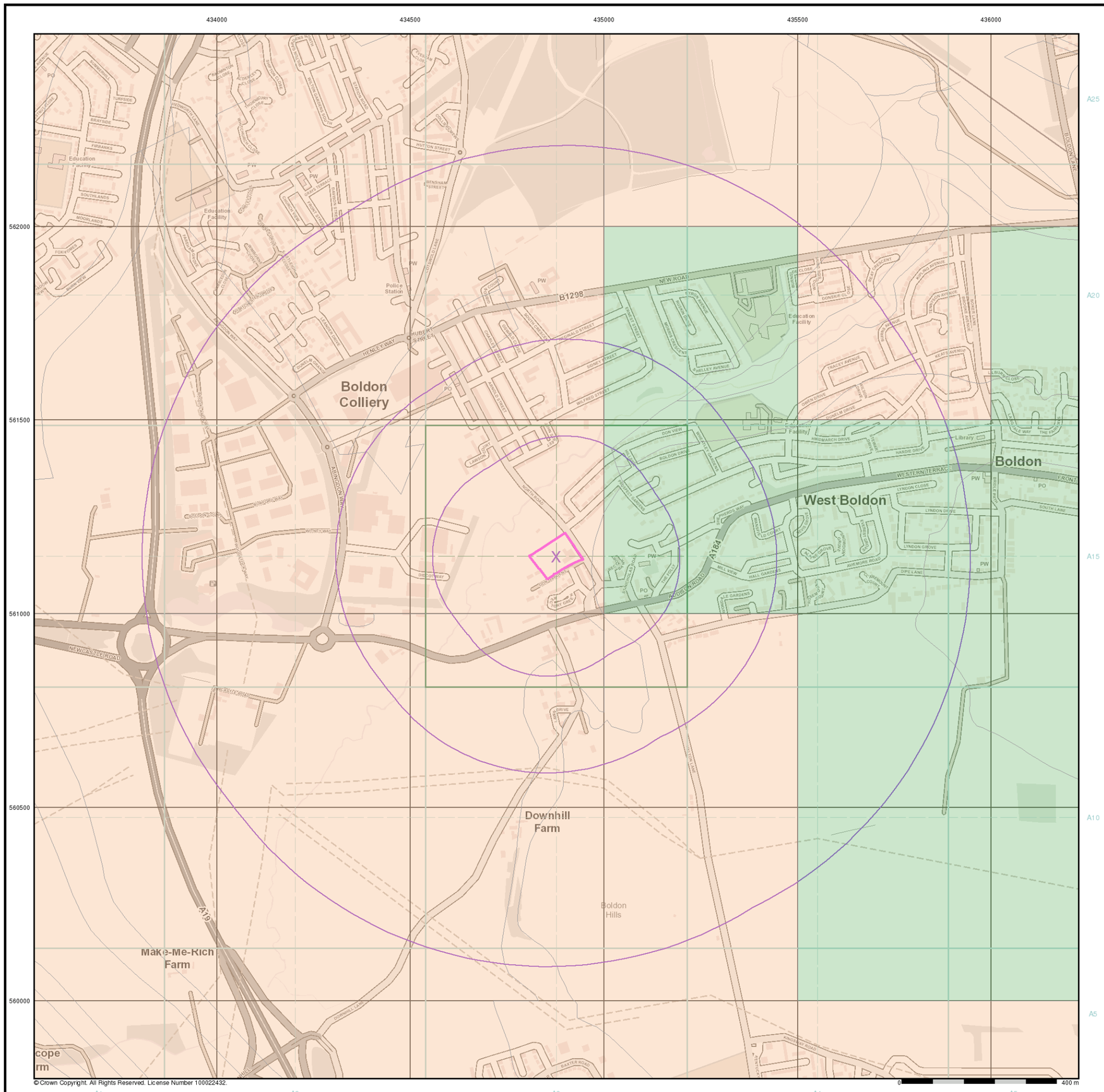

## Order Details

| | |
|---|---|
| Order Details: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 1000 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk




© Crown Copyright. All Rights Reserved. License Number 100022432.

## General

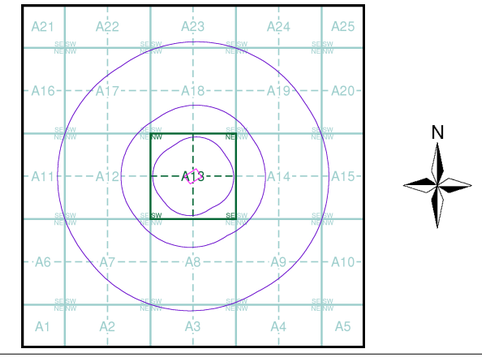
Specified Site | Specified Buffer(s) | X Bearing Reference Point

## Estimated Soil Chemistry Lead

Lead Concentrations mg/kg

- <100 mg/kg
- 100 - 200
- 200 - 300
- 300 - 600
- 600 - 1200
- >1200

## Estimated Soil Chemistry Lead - Slice A



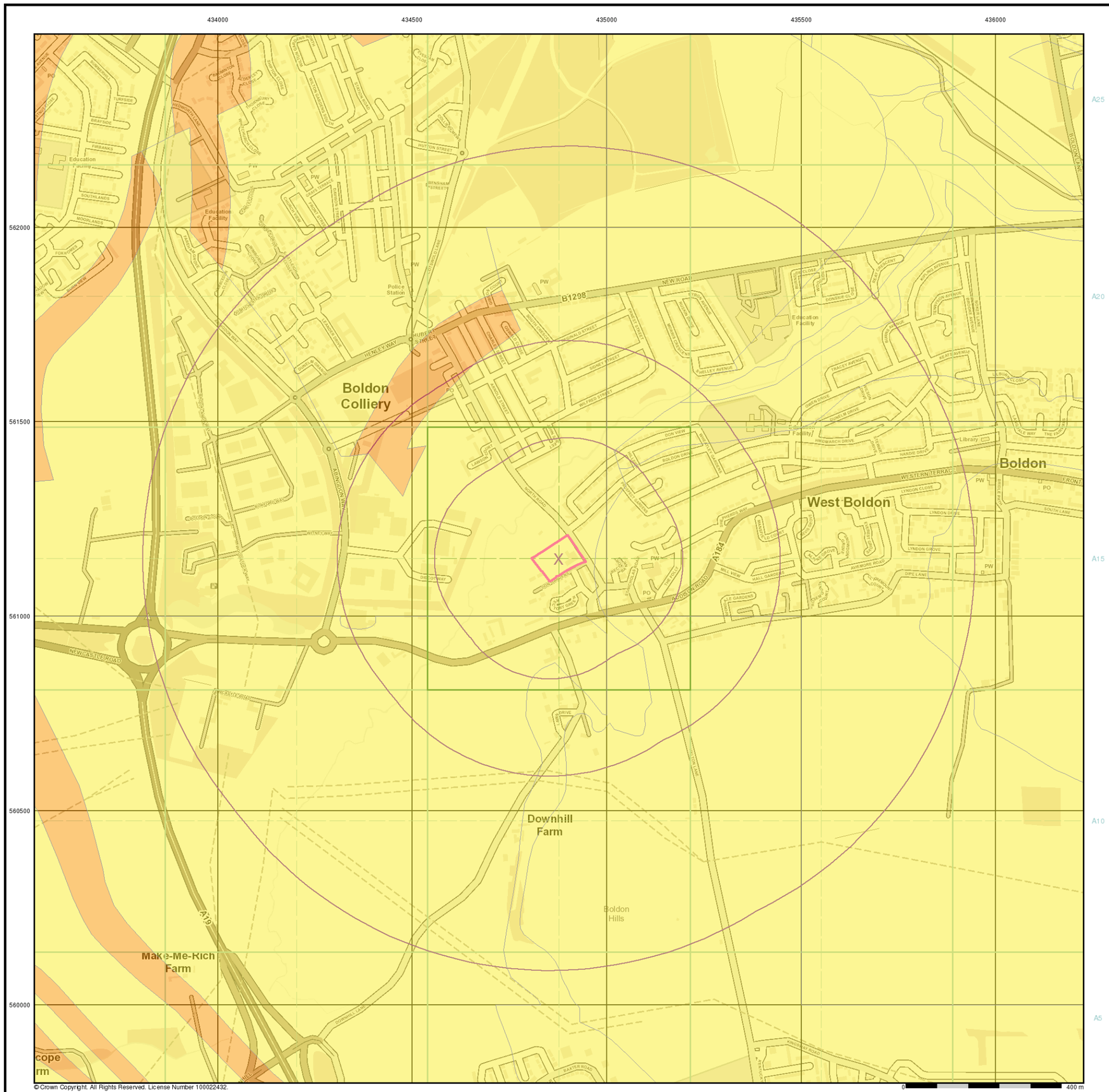

## Order Details

| | |
|---|---|
| Order Details: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 1000 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk




© Crown Copyright. All Rights Reserved. License Number 100022432.

## General

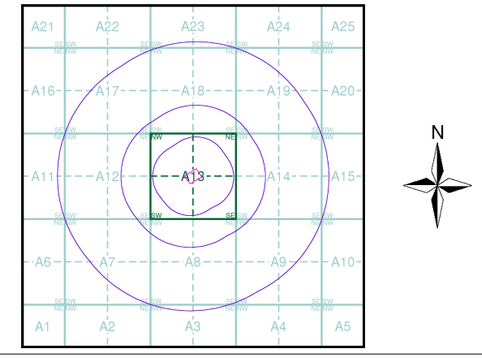
Specified Site | Specified Buffer(s) | X Bearing Reference Point

## Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg

- < 15
- 15 - 30
- 30 - 45
- 45 - 60
- 60 - 80
- 80 - 100
- > 100

## Estimated Soil Chemistry Nickel - Slice A



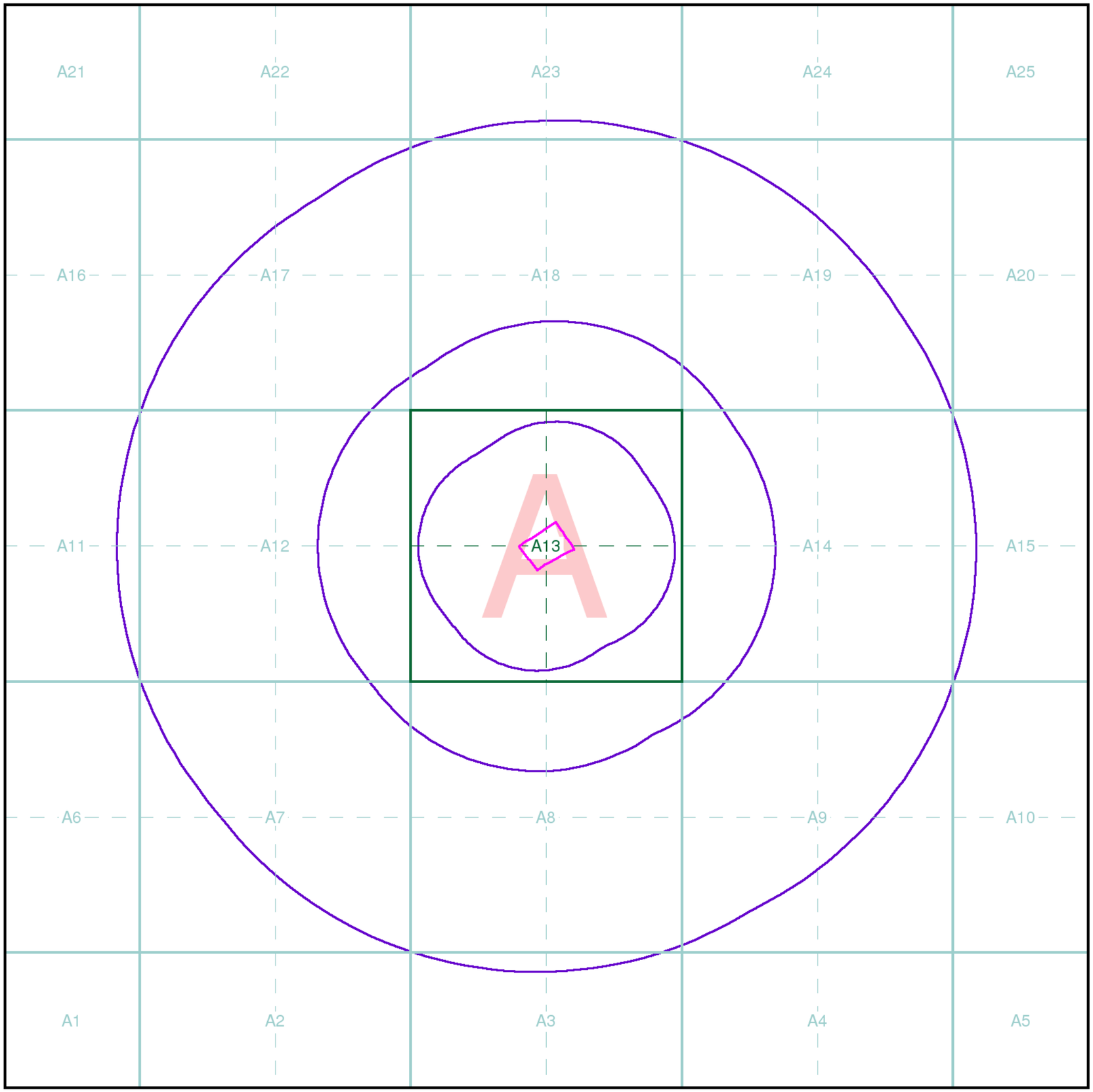

## Order Details

| | |
|---|---|
| Order Details: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 1000 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk




## Index Map

For ease of identification, your site and buffer have been split into Slices, Segments and Quadrants. These are illustrated on the Index Map opposite and explained further below.

**Slice**
Each slice represents a 1:10,000 plot area (2.7km x 2.7km) for your site and buffer. A large site and buffer may be made up of several slices (represented by a red outline), that are referenced by letters of the alphabet, starting from the bottom left corner of the slice "grid". This grid does not relate to National Grid lines but is designed to give best fit over the site and buffer.

**Segment**
A segment represents a 1:2,500 plot area. Segments that have plot files associated with them are shown in dark green, others in light blue. These are numbered from the bottom left hand corner within each slice.

**Quadrant**
A quadrant is a quarter of a segment. These are labelled as NW, NE, SW, SE and are referenced in the datasheet to allow features to be quickly located on plots. Therefore a feature that has a quadrant reference of A7NW will be in Slice A, Segment 7 and the NW Quadrant.

A selection of organisations who provide data within this report:

Envirocheck reports are compiled from 136 different sources of data.

## Client Details

Mr K Moir, Arc Environmental Ltd, Unit 1, Elliot Court, St John's Road, Meadowfield, Durham, DH7 8PN

## Order Details

| | |
|---|---|
| Order Number: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 1000 |

## Site Details

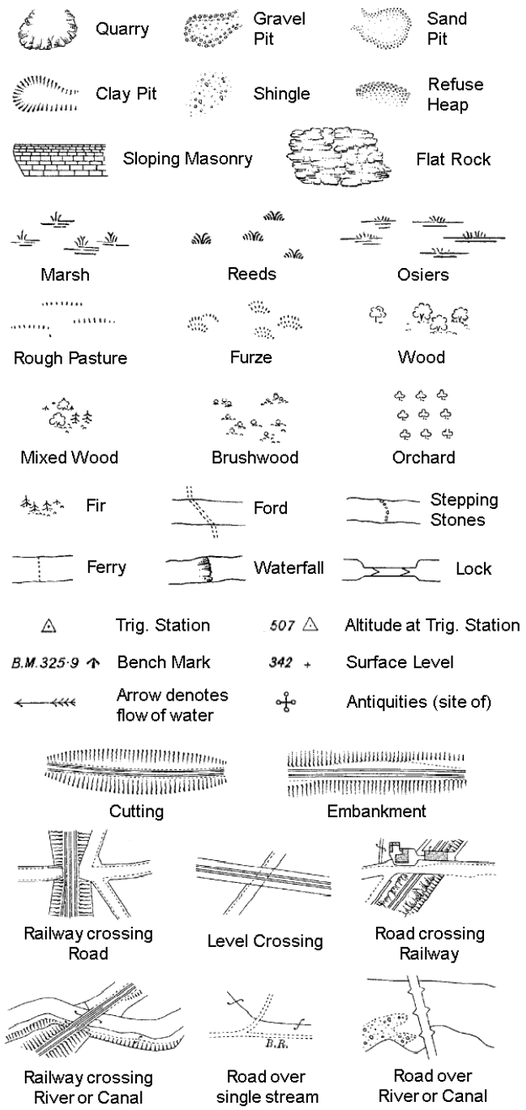
Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE

**Full Terms and Conditions can be found on the following link:**
http://www.landmarkinfo.co.uk/Terms/Show/515

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

# Historical Mapping Legends

## Ordnance Survey County Series and Ordnance Survey Plan 1:2,500




County Boundary (Geographical)

County & Civil Parish Boundary

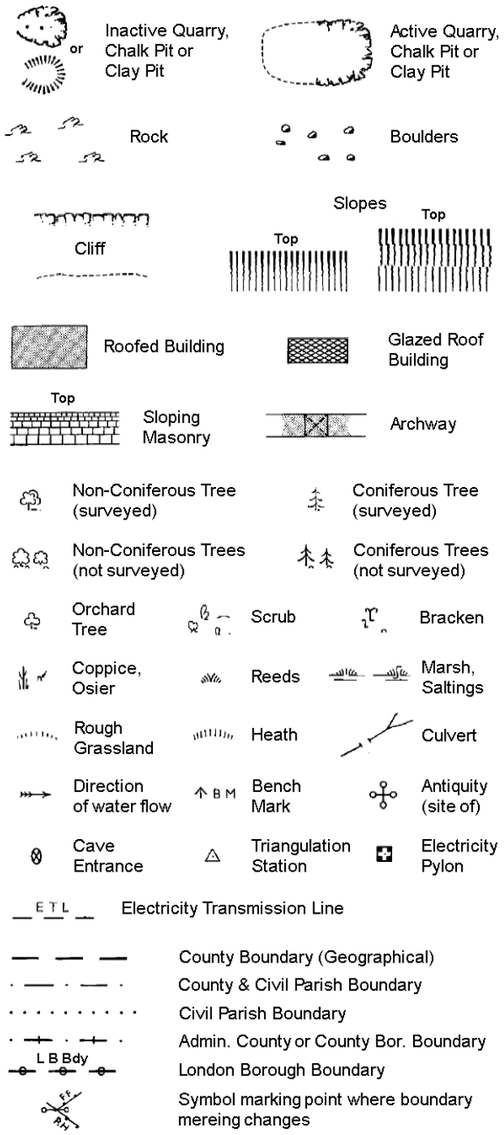
Administrative County & Civil Parish Boundary

Co. Boro. Bdy. County Borough Boundary (England)

Co. Burgh Bdy. County Burgh Boundary (Scotland)

| | | | |
|---|---|---|---|
| B P B S | Boundary Post or Stone | P.C.B | Police Call Box |
| B.R. | Bridle Road | P | Pump |
| E.P | Electricity Pylon | S.P | Signal Post |
| F.B. | Foot Bridge | St. | Sluice |
| F.P. | Foot Path | Sp. | Spring |
| G.P | Guide Post or Board | T.C.B | Telephone Call Box |
| M.S | Mile Stone | Tr. | Trough |
| M.P M.R | Mooring Post or Ring | W | Well |

## Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250




County Boundary (Geographical)

County & Civil Parish Boundary

Civil Parish Boundary

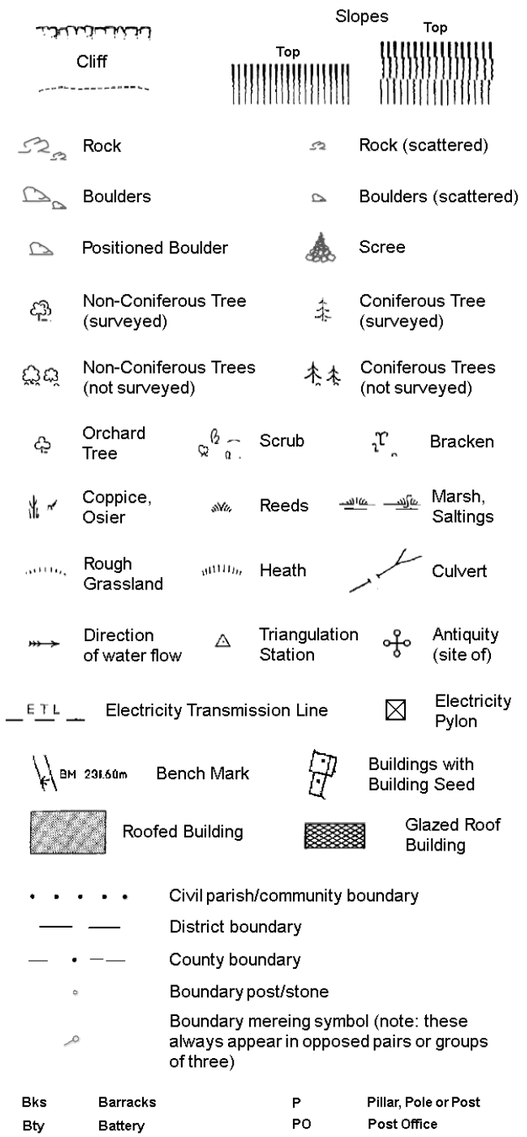
Admin. County or County Bor. Boundary

L B Bdy London Borough Boundary

Symbol marking point where boundary mereing changes

| | | | |
|---|---|---|---|
| BH | Beer House | P | Pillar, Pole or Post |
| BP, BS | Boundary Post or Stone | PO | Post Office |
| Cn, C | Capstan, Crane | PC | Public Convenience |
| Chy | Chimney | PH | Public House |
| D Fn | Drinking Fountain | Pp | Pump |
| El P | Electricity Pillar or Post | SB, S Br | Signal Box or Bridge |
| FAP | Fire Alarm Pillar | SP, SL | Signal Post or Light |
| FB | Foot Bridge | Spr | Spring |
| GP | Guide Post | Tk | Tank or Track |
| H | Hydrant or Hydraulic | TCB | Telephone Call Box |
| LC | Level Crossing | TCP | Telephone Call Post |
| MH | Manhole | Tr | Trough |
| MP | Mile Post or Mooring Post | Wr Pt, Wr T | Water Point, Water Tap |
| MS | Mile Stone | W | Well |
| NTL | Normal Tidal Limit | Wd Pp | Wind Pump |

## Large-Scale National Grid Data 1:2,500 and 1:1,250




Civil parish/community boundary

District boundary

County boundary

Boundary post/stone

Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)

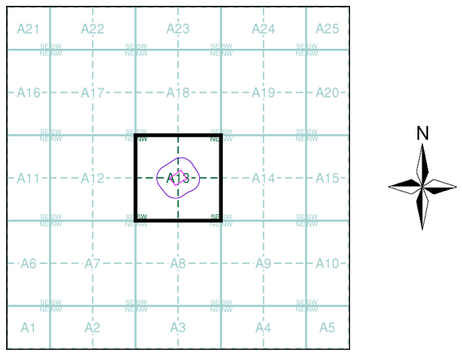
| | | | |
|---|---|---|---|
| Bks | Barracks | P | Pillar, Pole or Post |
| Bty | Battery | PO | Post Office |
| Cemy | Cemetery | PC | Public Convenience |
| Chy | Chimney | Pp | Pump |
| Cis | Cistern | Ppg Sta | Pumping Station |
| Dismtd Rly | Dismantled Railway | PW | Place of Worship |
| El Gen Sta | Electricity Generating Station | Sewage Ppg Sta | Sewage Pumping Station |
| El P | Electricity Pole, Pillar | SB, S Br | Signal Box or Bridge |
| El Sub Sta | Electricity Sub Station | SP, SL | Signal Post or Light |
| FB | Filter Bed | Spr | Spring |
| Fn / D Fn | Fountain / Drinking Ftn. | Tk | Tank or Track |
| Gas Gov | Gas Valve Compound | Tr | Trough |
| GVC | Gas Governer | Wd Pp | Wind Pump |
| GP | Guide Post | Wr Pt, Wr T | Water Point, Water Tap |
| MH | Manhole | Wks | Works (building or area) |
| MP, MS | Mile Post or Mile Stone | W | Well |

arc environmental

## Historical Mapping & Photography included:

| Mapping Type | Scale | Date | Pg |
|---|---|---|---|
| Durham | 1:2,500 | 1857 - 1880 | 2 |
| Durham | 1:2,500 | 1895 | 3 |
| Durham | 1:2,500 | 1896 - 1897 | 4 |
| Durham | 1:2,500 | 1919 | 5 |
| Durham | 1:2,500 | 1939 | 6 |
| Ordnance Survey Plan | 1:1,250 | 1956 - 1958 | 7 |
| Ordnance Survey Plan | 1:2,500 | 1956 - 1958 | 8 |
| Ordnance Survey Plan | 1:1,250 | 1967 - 1973 | 9 |
| Additional SIMs | 1:1,250 | 1967 - 1977 | 10 |
| Ordnance Survey Plan | 1:2,500 | 1969 | 11 |
| Supply of Unpublished Survey Information | 1:1,250 | 1974 | 12 |
| Supply of Unpublished Survey Information | 1:1,250 | 1974 | 13 |
| Ordnance Survey Plan | 1:1,250 | 1977 | 14 |
| Additional SIMs | 1:1,250 | 1981 - 1988 | 15 |
| Additional SIMs | 1:1,250 | 1984 - 1991 | 16 |
| Additional SIMs | 1:1,250 | 1992 | 17 |
| Large-Scale National Grid Data | 1:1,250 | 1993 | 18 |
| Historical Aerial Photography | 1:2,500 | 1999 | 19 |

## Historical Map - Segment A13




## Order Details

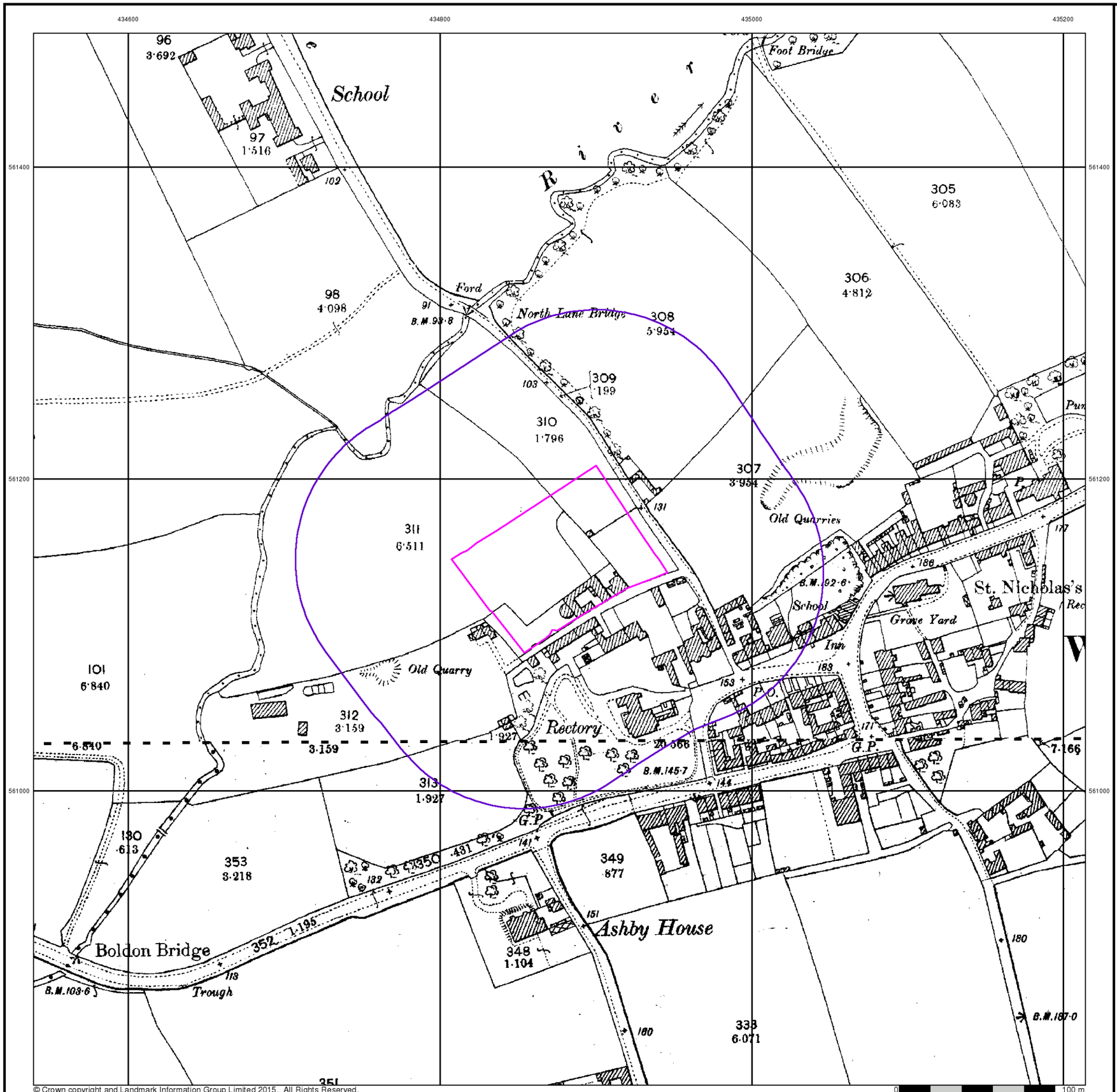
| | |
|---|---|
| Order Number: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 100 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE


Landmark INFORMATION GROUP

Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk




arc environmental

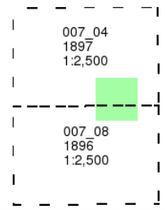
# Durham

## Published 1896 - 1897

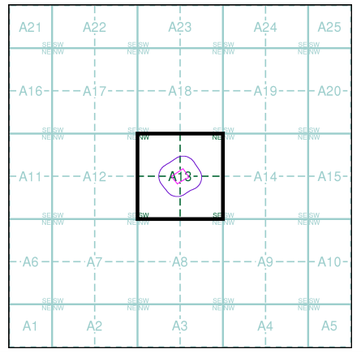
## Source map scale - 1:2,500

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 and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below 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.

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




## Historical Map - Segment A13

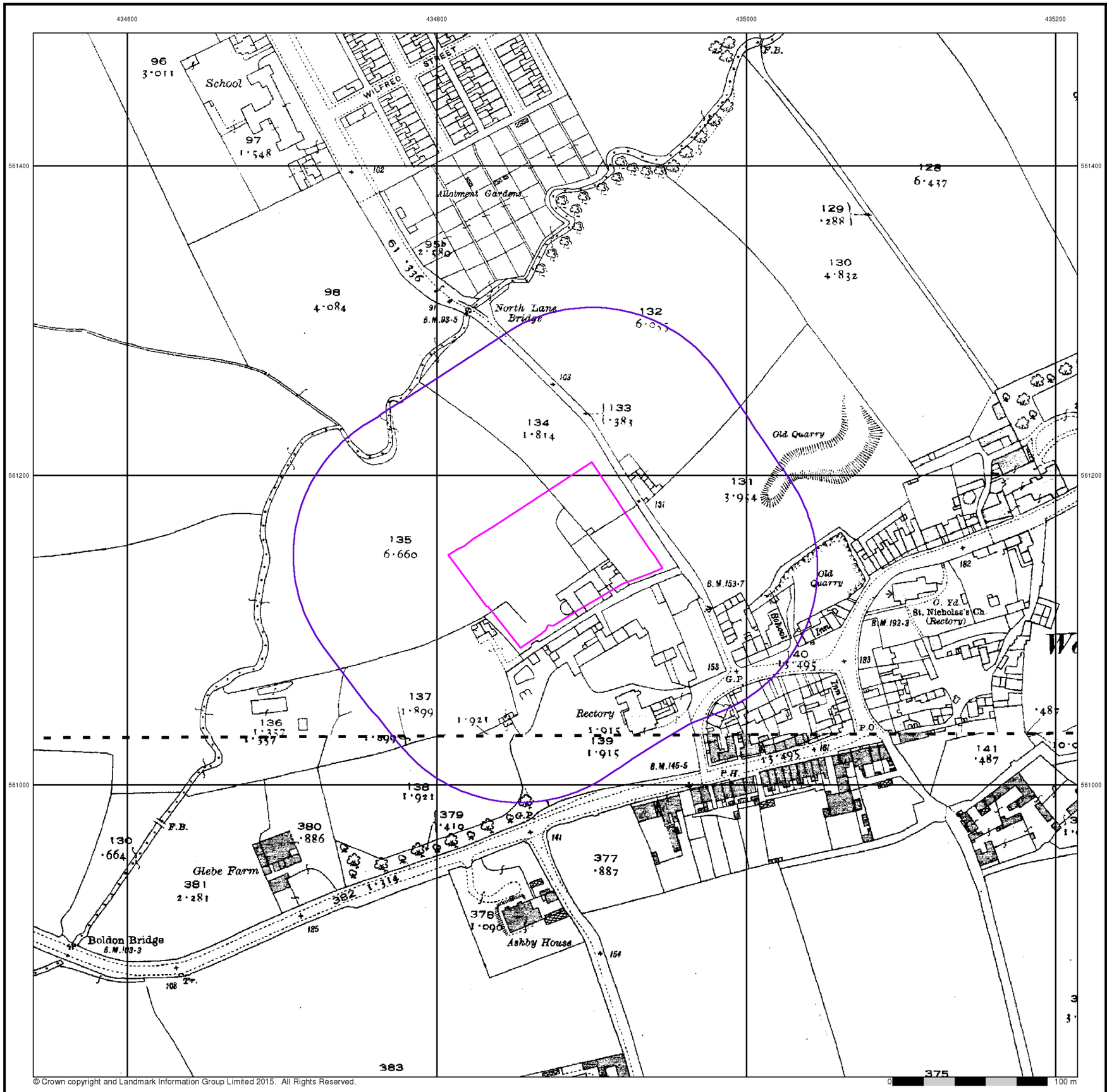



## Order Details

| | |
|---|---|
| Order Number: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 100 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE



© Crown copyright and Landmark Information Group Limited 2015. All Rights Reserved.

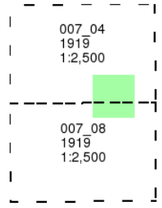
# Durham

## Published 1919

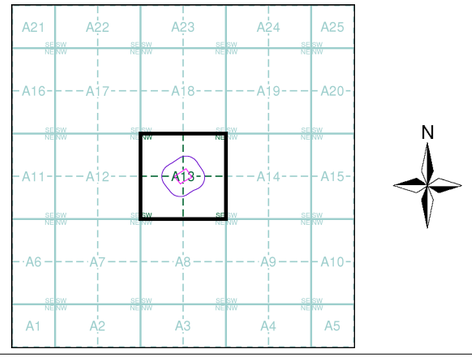
## Source map scale - 1:2,500

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 and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below 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.

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




## Historical Map - Segment A13



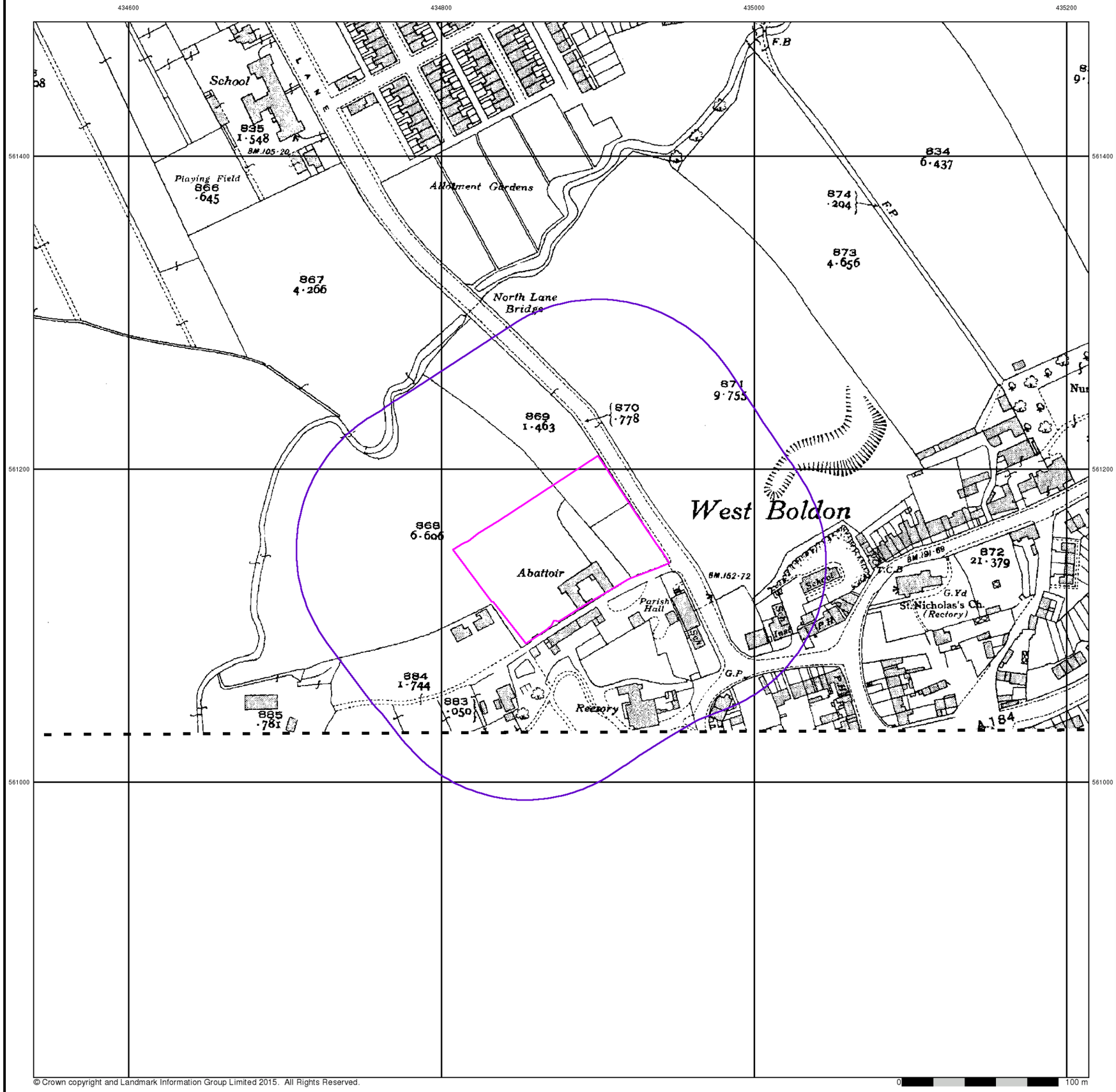

## Order Details

| | |
|---|---|
| Order Number: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 100 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk




© Crown copyright and Landmark Information Group Limited 2015. All Rights Reserved.

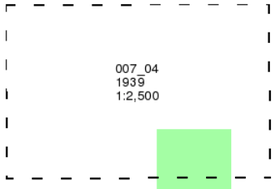
## Durham

## Published 1939

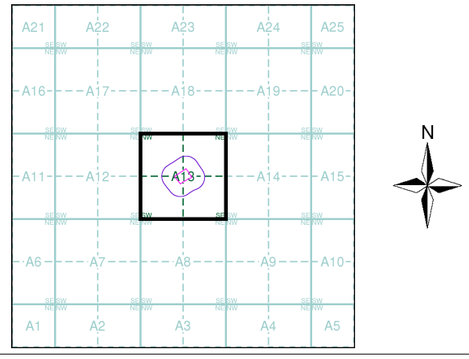
## Source map scale - 1:2,500

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 and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below 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.

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




## Historical Map - Segment A13



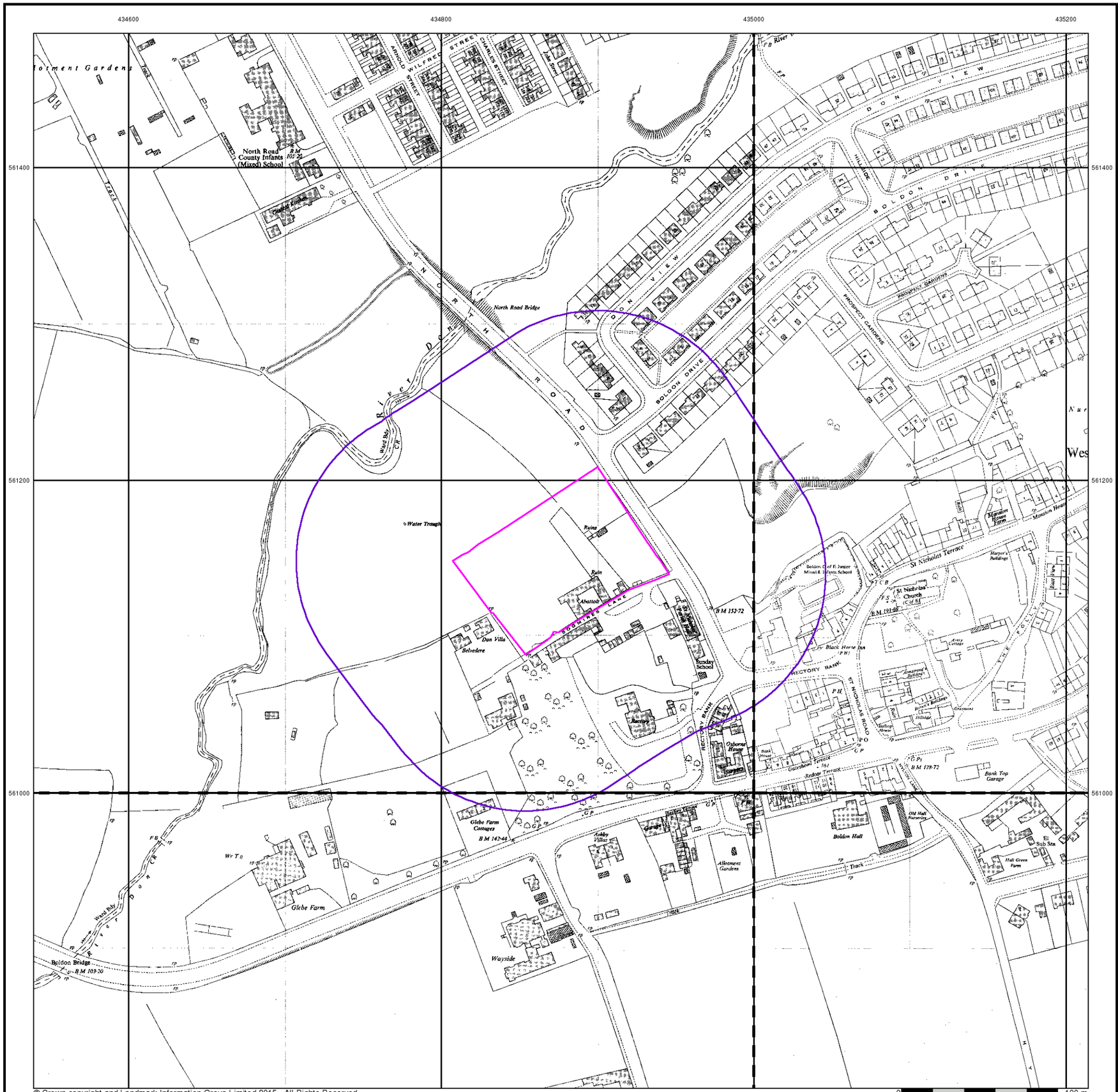

## Order Details

| | |
|---|---|
| Order Number: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 100 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk




# Ordnance Survey Plan

## Published 1956 - 1958

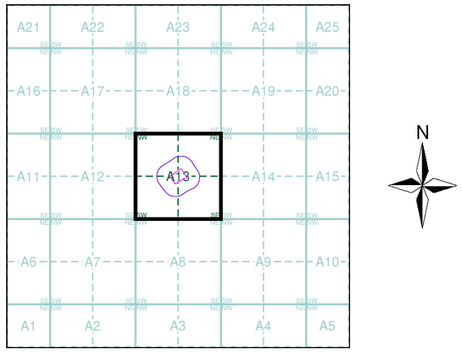
## Source map scale - 1:1,250

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 and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below 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.

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

| | |
|---|---|
| NZ3461SE 1956 1:1,250 | NZ3561SW 1958 1:1,250 |
| NZ3460NE 1956 1:1,250 | NZ3560NW 1958 1:1,250 |

## Historical Map - Segment A13



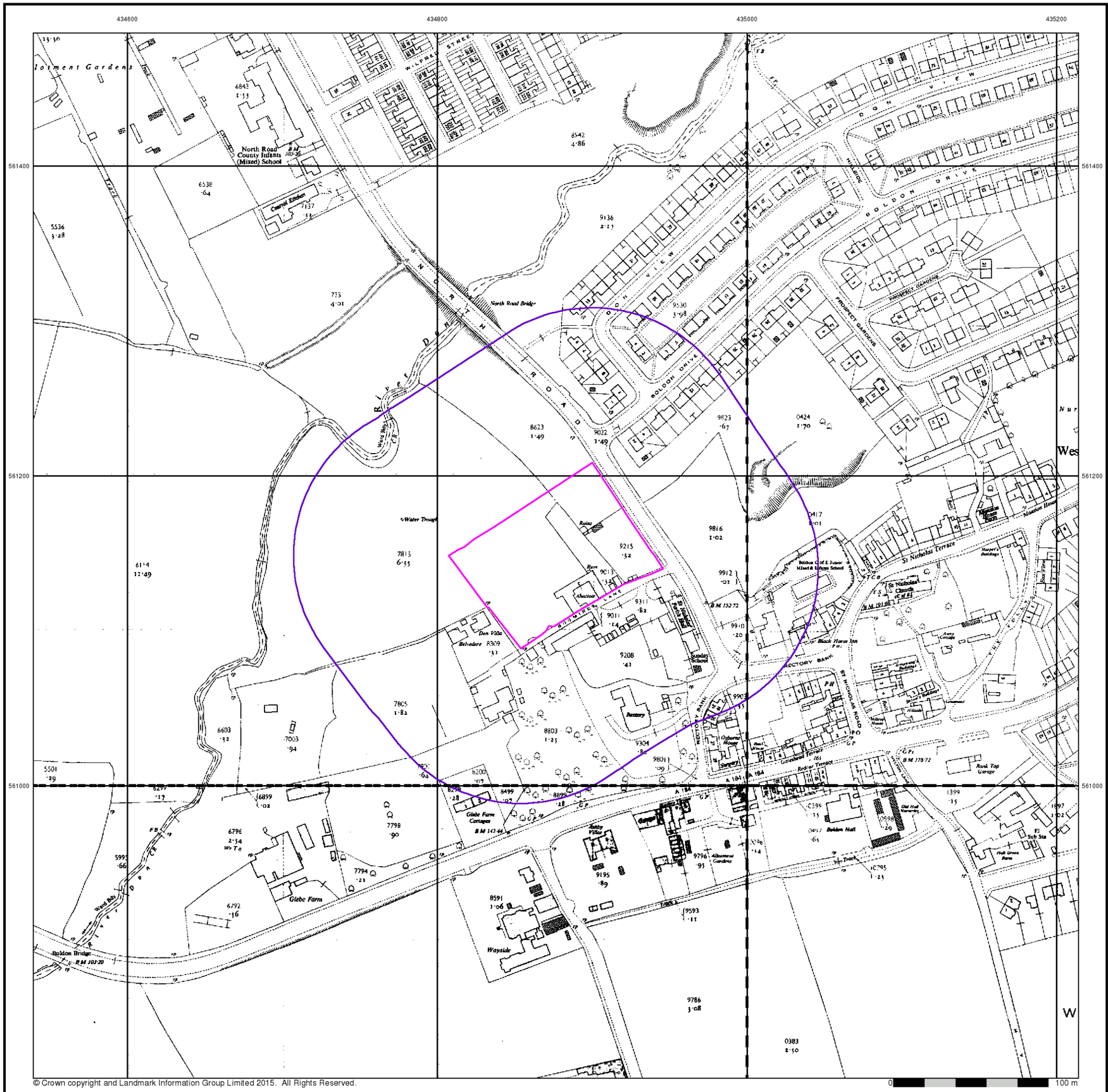

## Order Details

| | |
|---|---|
| Order Number: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 100 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



© Crown copyright and Landmark Information Group Limited 2015. All Rights Reserved.

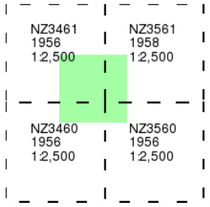
# Ordnance Survey Plan

## Published 1956 - 1958

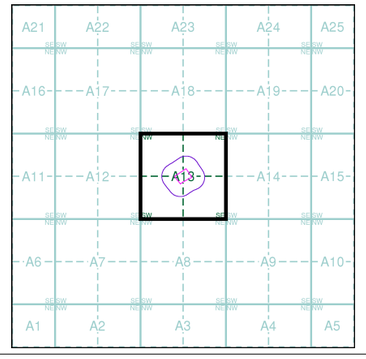
## Source map scale - 1:2,500

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 and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below 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.

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




## Historical Map - Segment A13



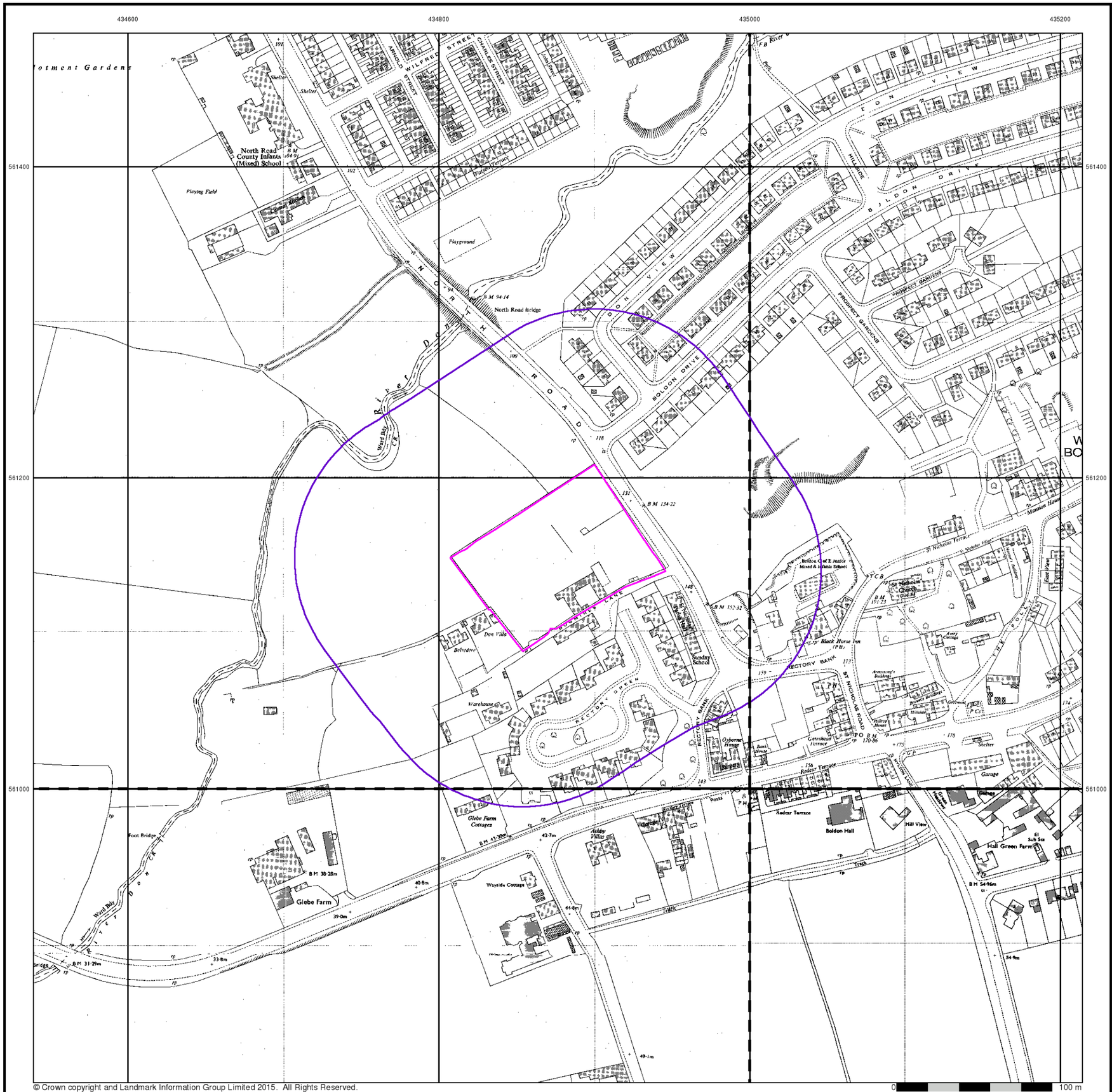

## Order Details

| | |
|---|---|
| Order Number: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 100 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



© Crown copyright and Landmark Information Group Limited 2015. All Rights Reserved.

# Ordnance Survey Plan

## Published 1967 - 1973

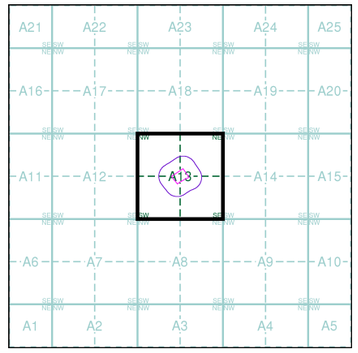
## Source map scale - 1:1,250

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 and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below 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.

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

| | |
|---|---|
| NZ3461SE 1967 1:1,250 | NZ3561SW 1968 1:1,250 |
| NZ3460NE 1970 1:1,250 | NZ3560NW 1973 1:1,250 |

## Historical Map - Segment A13



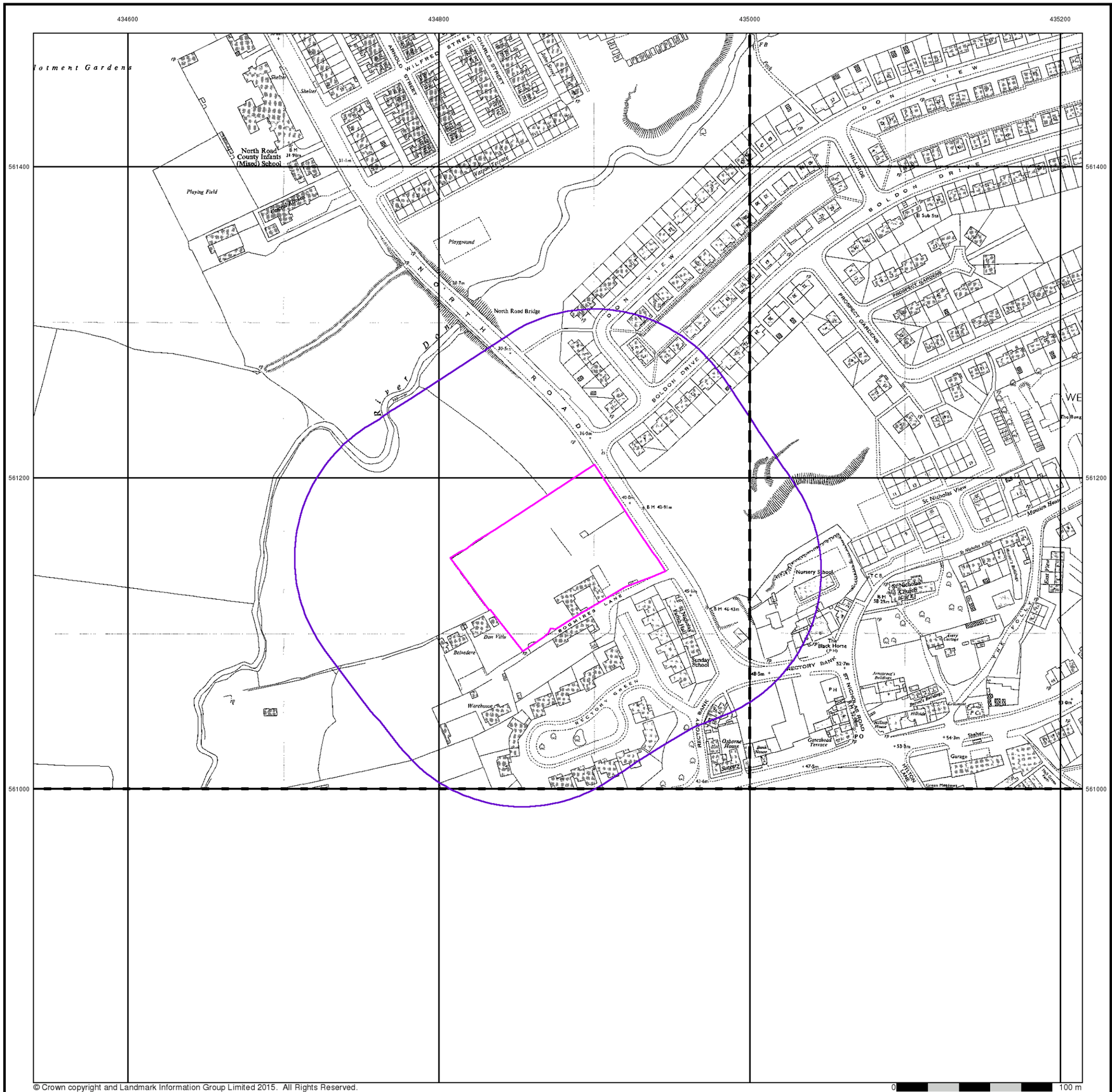

## Order Details

| | |
|---|---|
| Order Number: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 100 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



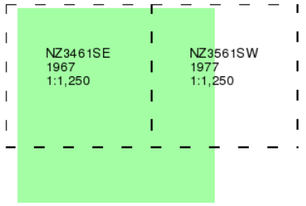

## Additional SIMs

## Published 1967 - 1977

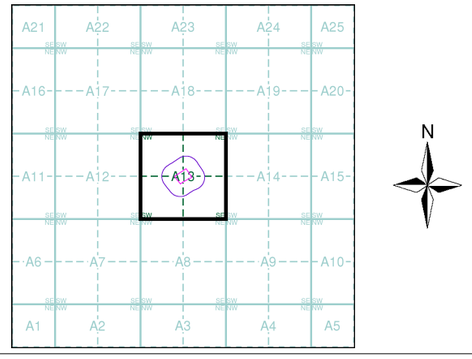
## Source map scale - 1:1,250

The SIM cards (Ordnance Survey's `Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

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




## Historical Map - Segment A13



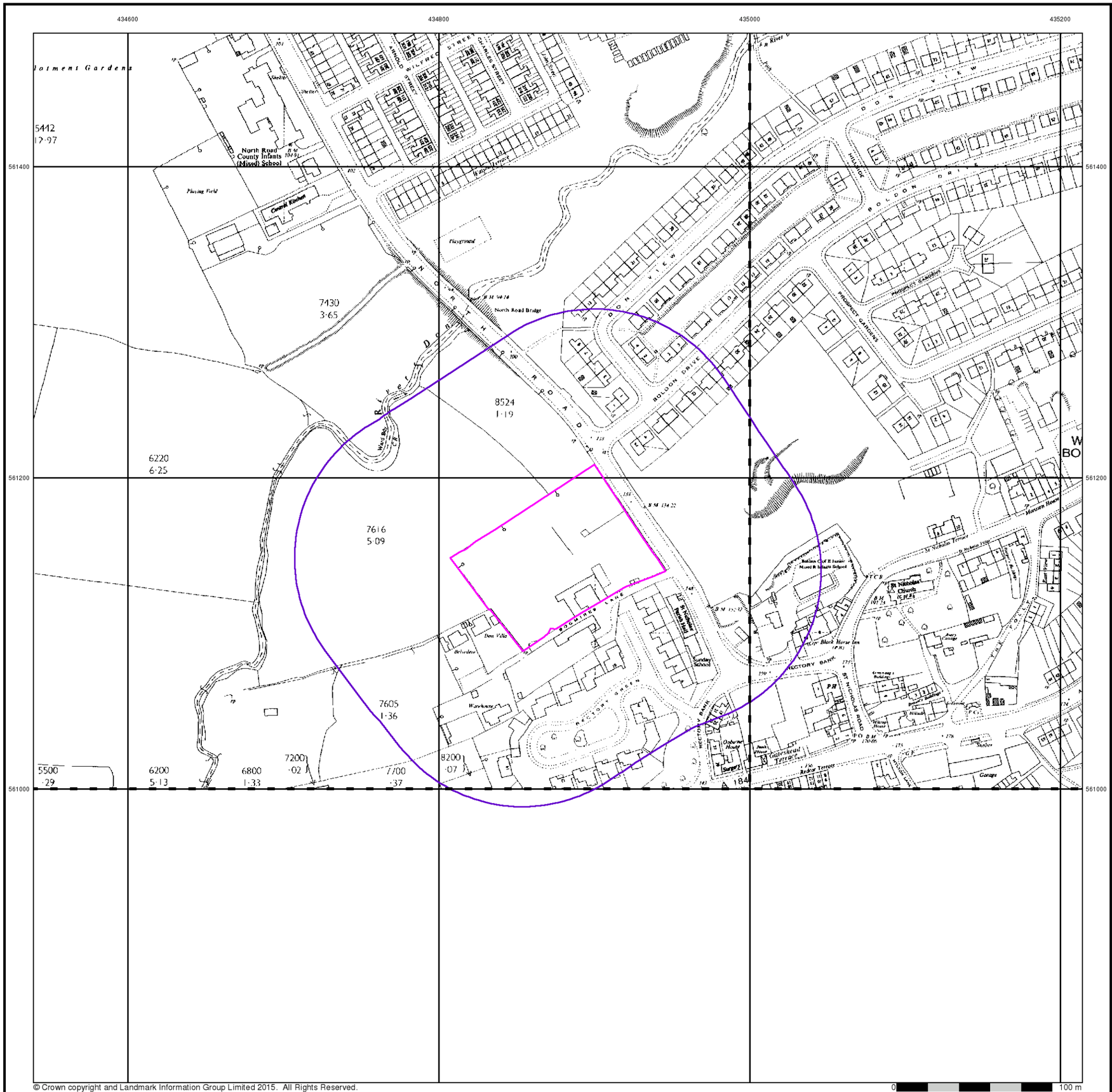

## Order Details

| | |
|---|---|
| Order Number: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 100 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



© Crown copyright and Landmark Information Group Limited 2015. All Rights Reserved.

arc environmental

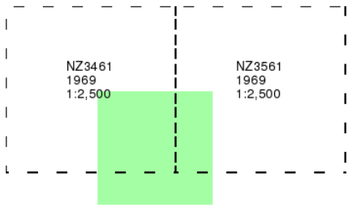
# Ordnance Survey Plan

## Published 1969

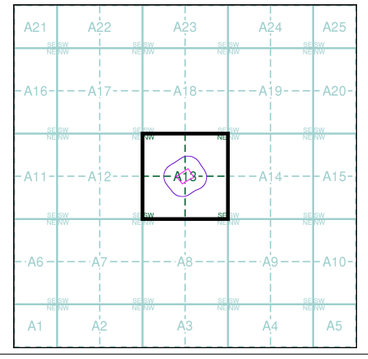
## Source map scale - 1:2,500

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 and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below 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.

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




## Historical Map - Segment A13



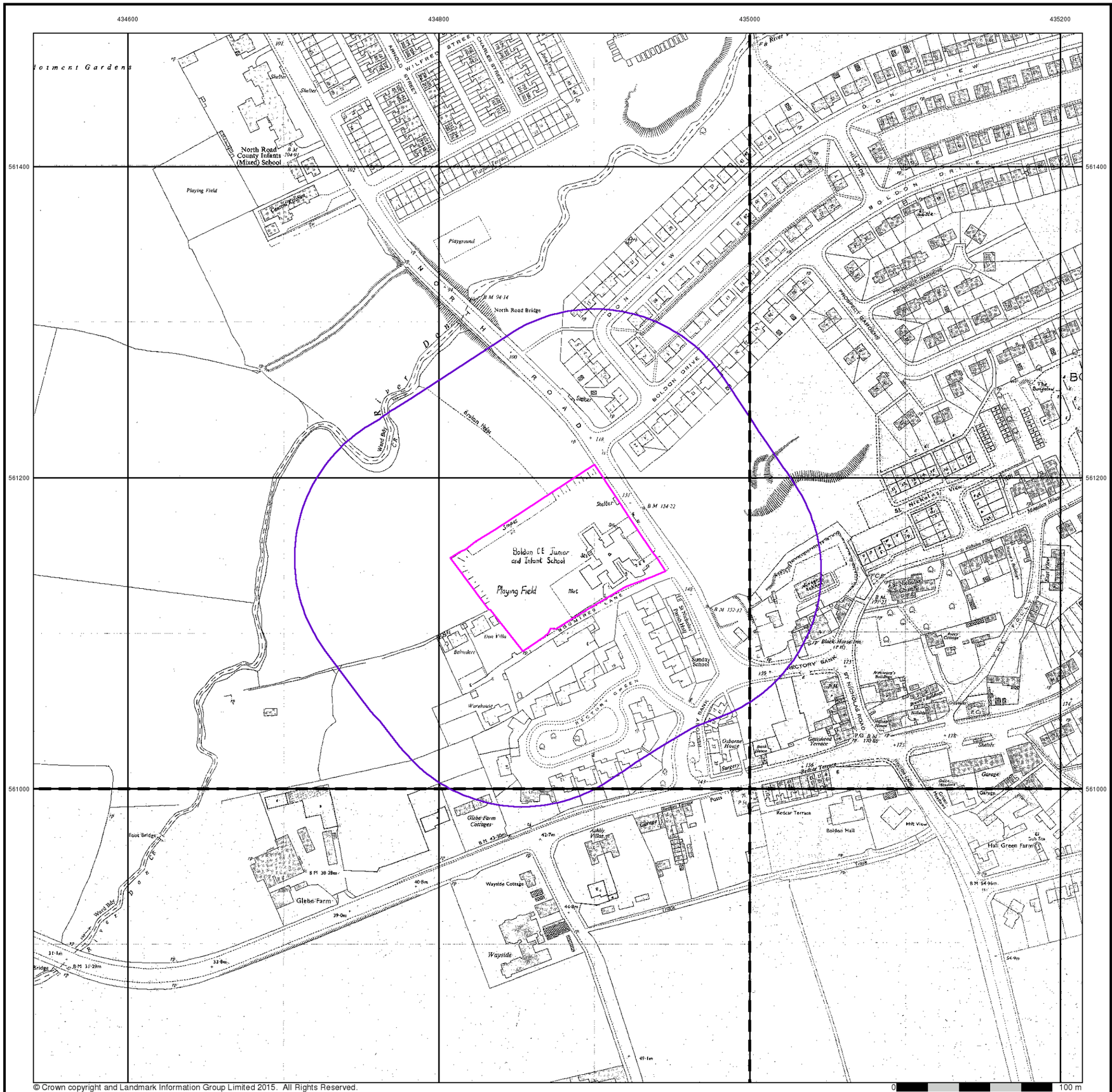

## Order Details

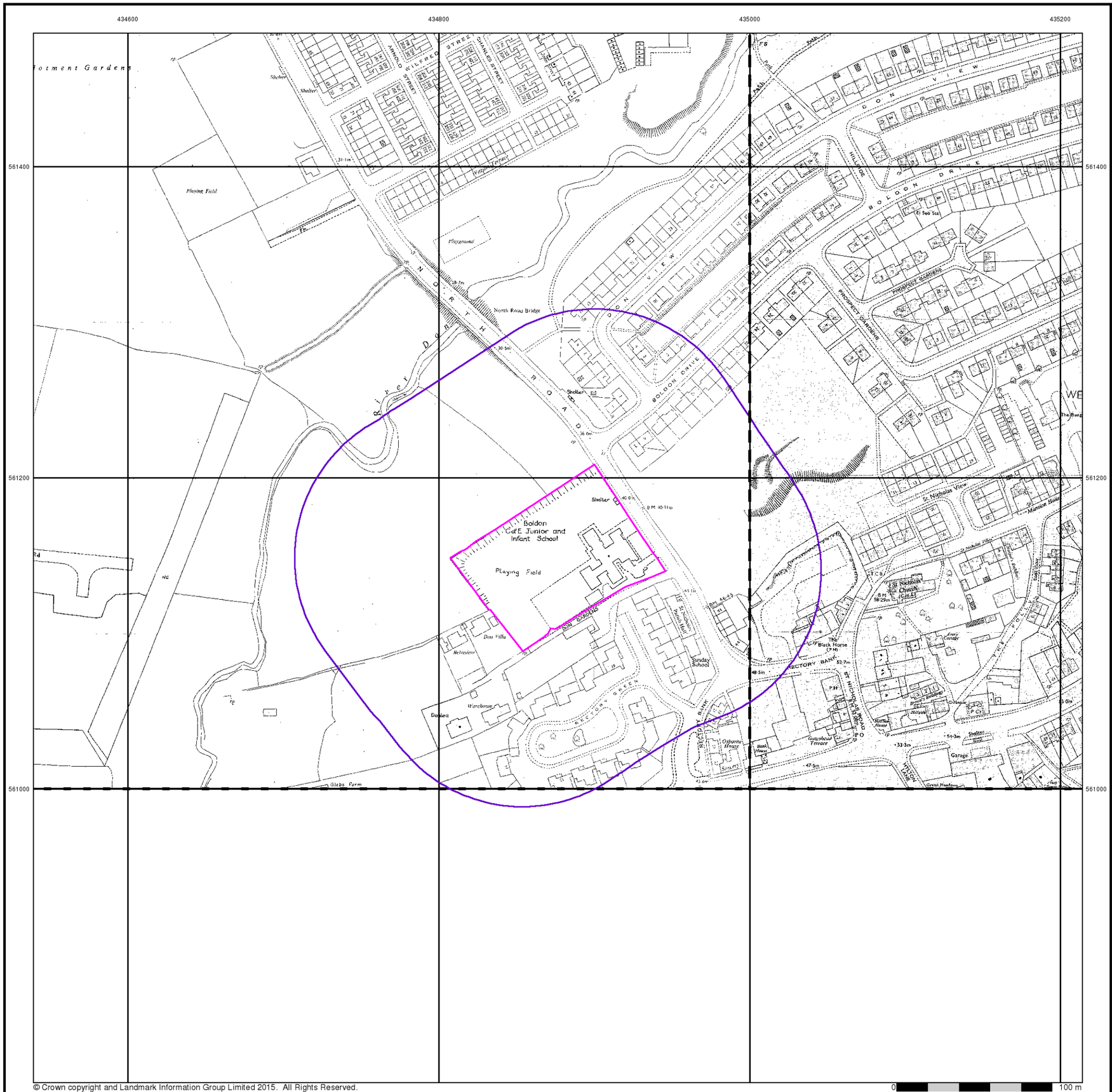
| | |
|---|---|
| Order Number: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 100 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk


434600
434800
435000
435200
561400
561200
561000
North Road County Infants (Mixed) School
Playing Field
Playground
North Road Bridge
Boldon CE Junior and Infant School
Playing Field
Glebe Farm
Wayside
Wayside Cottages
Glebe Farm Cottages
Foot Bridge
Boldon Hall
Hall Green Farm
Rescar Terrace
Gateshead Terrace
Sunday School
Surgery
Garage
Warehouse
Don Villa
Belvedere
Osborne House
Black House
Nicholas View
Mount View
The Bungalow
Manitoba House
Boldon Lane
Rectory Green
Rectory Bank
Boldon Drive
Boldon View
Village Drive
Prospect Gardens
Charles Street
Arnold Street
Wilfred Street
Station
Shelter
Pond
Stone
Slope
Fence
Hedge
Trees
Path
Road
Bridge
Footbridge
Pylon
Post
Pillar
Tank
Sub Sta
Garages
Greenhouses
Allotments
Tennis Courts
Recreation Ground
Cemetery
Chapel
Vicarage
Manse
Presbyterian Church
Methodist Church
Wesleyan Methodist Church
Primitive Methodist Church
Roman Catholic Church
Church




© Crown copyright and Landmark Information Group Limited 2015. All Rights Reserved.

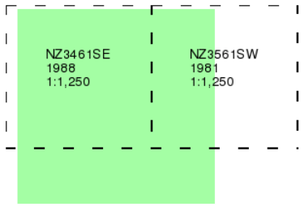
## Additional SIMs

## Published 1981 - 1988

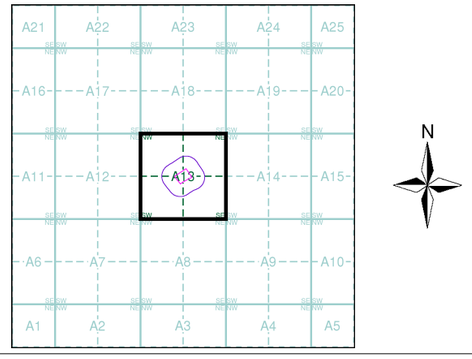
## Source map scale - 1:1,250

The SIM cards (Ordnance Survey's `Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

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




## Historical Map - Segment A13



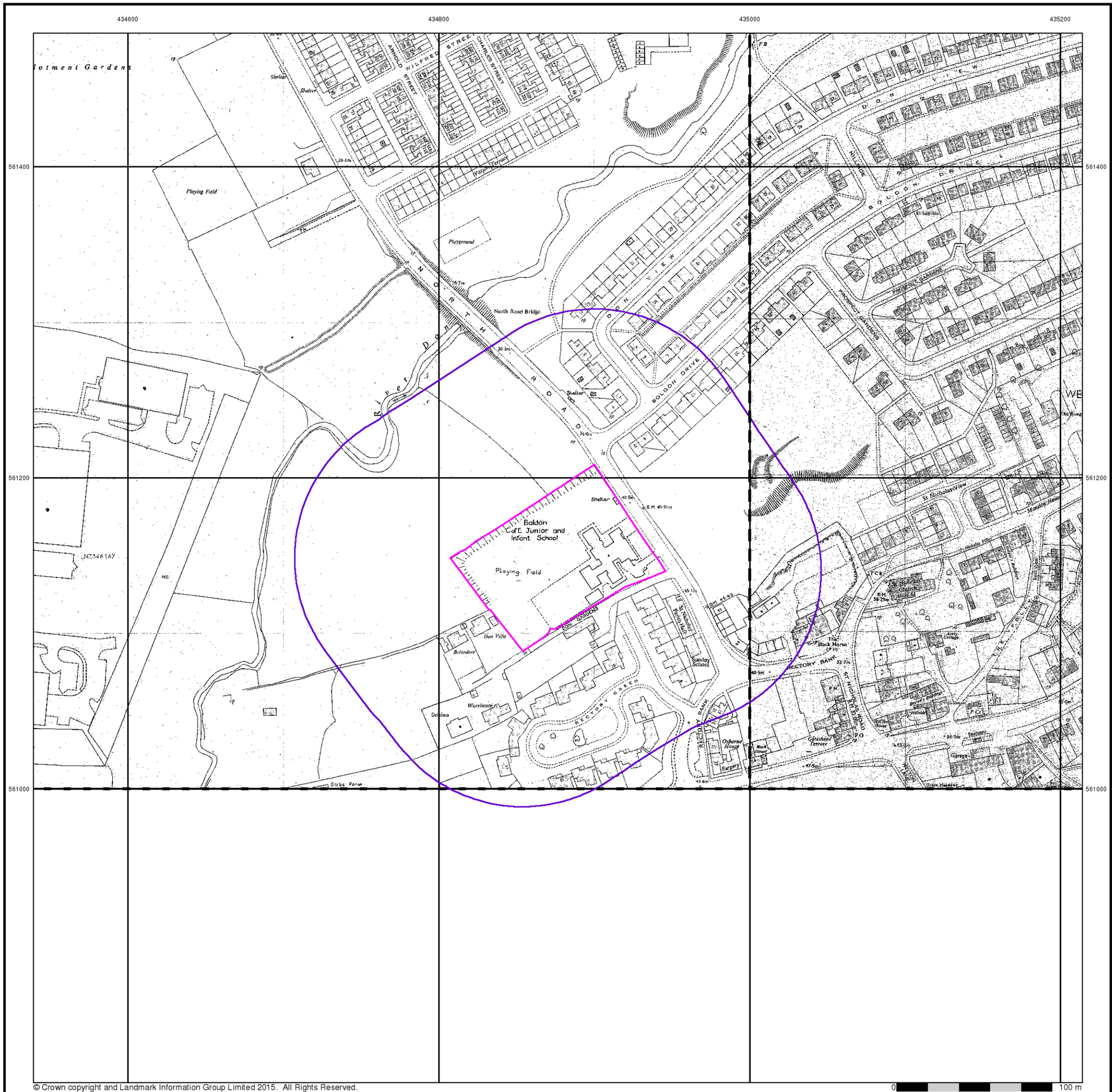

## Order Details

| | |
|---|---|
| Order Number: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 100 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk




© Crown copyright and Landmark Information Group Limited 2015. All Rights Reserved.

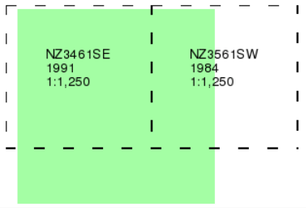
## Additional SIMs

## Published 1984 - 1991

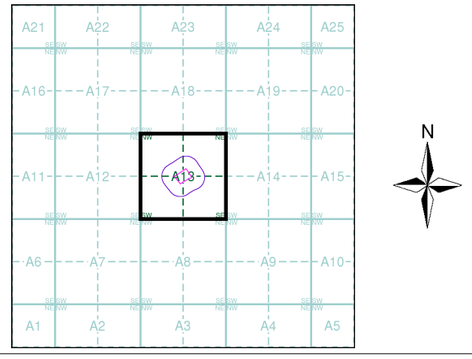
## Source map scale - 1:1,250

The SIM cards (Ordnance Survey's `Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

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




## Historical Map - Segment A13



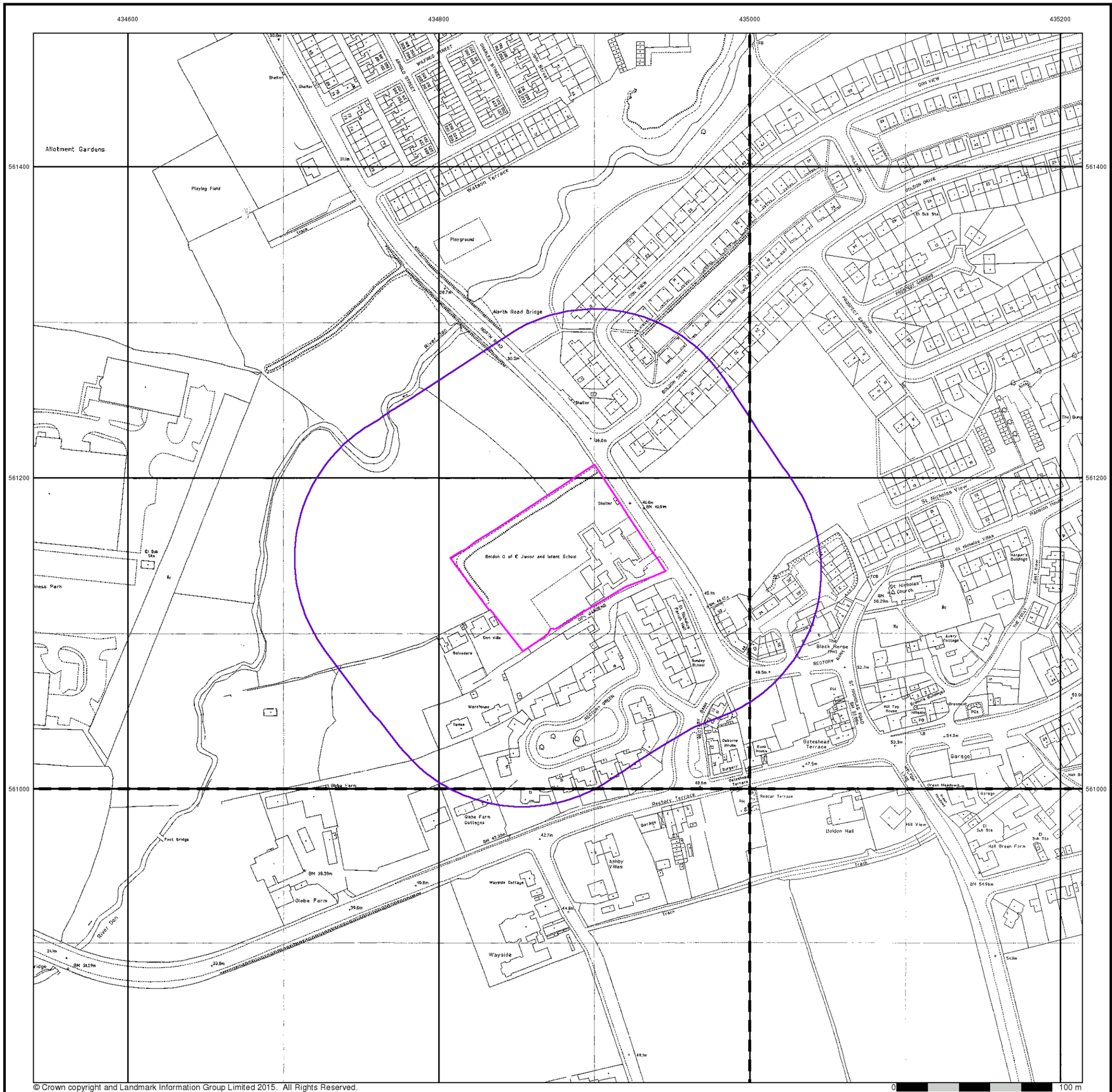

## Order Details

| | |
|---|---|
| Order Number: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 100 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



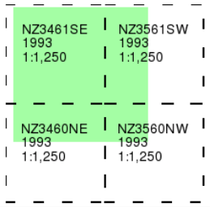

# Large-Scale National Grid Data

## Published 1993

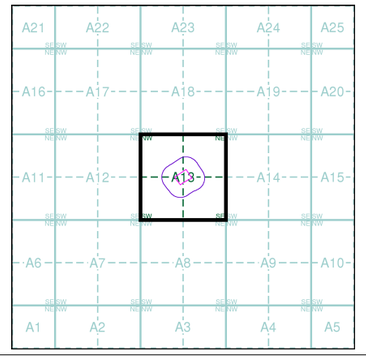
## Source map scale - 1:1,250

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

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




## Historical Map - Segment A13




## Order Details

| | |
|---|---|
| Order Number: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 100 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE

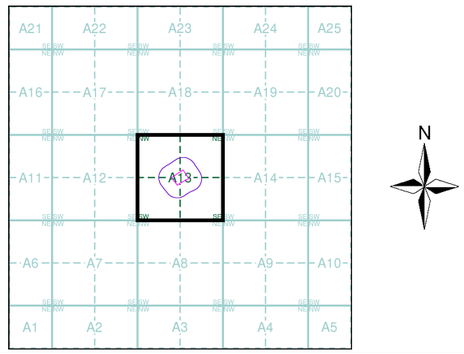



# Historical Aerial Photography

## 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: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 100 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE

# Historical Mapping Legends

## Ordnance Survey County Series 1:10,560

Gravel Pit
Sand Pit
Other Pits
Quarry
Shingle
Orchard
Osiers
Reeds
Marsh
Mixed Wood
Deciduous
Brushwood
Fir
Furze
Rough Pasture
Arrow denotes flow of water
Trigonometrical Station
Site of Antiquities
Bench Mark
Pump, Guide Post, Signal Post
Well, Spring, Boundary Post
285 Surface Level
Sketched Contour
Instrumental Contour
Main Roads
Fenced
Un-Fenced
Minor Roads
Fenced
Un-Fenced
Sunken Road
Raised Road
Road over Railway
Railway over River
Railway over Road
Level Crossing
Road over River or Canal
Road over Stream
Road over Stream
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
Co. Boro. Bdy.
County Borough Boundary (England)
Co. Burgh Bdy.
County Burgh Boundary (Scotland)
R.D. Bdy.
Rural District Boundary
Civil Parish Boundary

## Ordnance Survey Plan 1:10,000

Chalk Pit, Clay Pit or Quarry
Gravel Pit
Sand Pit
Disused Pit or Quarry
Refuse or Slag Heap
Lake, Loch or Pond
Dunes
Boulders
Coniferous Trees
Non-Coniferous Trees
Orchard
Scrub
Coppice
Bracken
Heath
Rough Grassland
Marsh
Reeds
Saltings
Building
Direction of Flow of Water
Shingle
Sand
Glasshouse
Pylon
Pylon
Electricity Transmission Line
Sloping Masonry
Cutting
Embankment
Standard Gauge Multiple Track
Road Under
Road Over
Level Crossing
Foot Bridge
Standard Gauge Single Track
Siding, Tramway or Mineral Line
Narrow Gauge
Geographical County
Administrative County, County Borough or County of City
Municipal Borough, Urban or Rural District, Burgh or District Council
Borough, Burgh or County Constituency
Shown only when not coincident with other boundaries
Civil Parish
Shown alternately when coincidence of boundaries occurs

| | | | |
|---|---|---|---|
| BP, BS | Boundary Post or Stone | Pol Sta | Police Station |
| Ch | Church | PO | Post Office |
| CH | Club House | PC | Public Convenience |
| F E Sta | Fire Engine Station | PH | Public House |
| FB | Foot Bridge | SB | Signal Box |
| Fn | Fountain | Spr | Spring |
| GP | Guide Post | TCB | Telephone Call Box |
| MP | Mile Post | TCP | Telephone Call Post |
| MS | Mile Stone | W | Well |

## 1:10,000 Raster Mapping

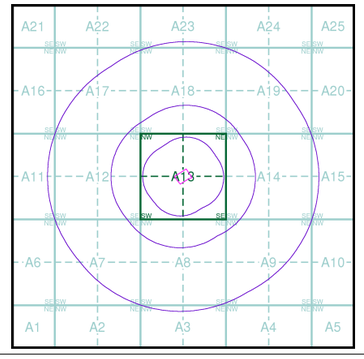
Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Mud
Sand
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or community boundary
District, Unitary, Metropolitan, London Borough boundary
Constituency boundary
Area of wooded vegetation
Non-coniferous trees
Non-coniferous trees (scattered)
Coniferous trees
Coniferous trees (scattered)
Positioned tree
Orchard
Coppice or Osiers
Rough Grassland
Heath
Scrub
Marsh, Salt Marsh or Reeds
Water feature
Flow arrows
MHW(S) Mean high water (springs)
MLW(S) Mean low water (springs)
Telephone line (where shown)
Electricity transmission line (with poles)
BM 123.45 m Bench mark (where shown)
Triangulation station
Point feature (e.g. Guide Post or Mile Stone)
Pylon, flare stack or lighting tower
Site of (antiquity)
Glasshouse
General Building
Important Building

arc environmental

## Historical Mapping & Photography included:

| Mapping Type | Scale | Date | Pg |
|---|---|---|---|
| Durham | 1:10,560 | 1862 | 3 |
| Northumberland | 1:10,560 | 1864 | 4 |
| Durham | 1:10,560 | 1898 | 5 |
| Durham | 1:10,560 | 1921 | 6 |
| Durham | 1:10,560 | 1938 | 7 |
| Ordnance Survey Plan | 1:10,000 | 1951 - 1952 | 8 |
| Ordnance Survey Plan | 1:10,000 | 1967 - 1968 | 9 |
| Ordnance Survey Plan | 1:10,000 | 1974 - 1977 | 10 |
| Sunderland | 1:10,000 | 1976 | 11 |
| Newcastle-upon-Tyne | 1:25,000 | 1977 | 12 |
| Ordnance Survey Plan | 1:10,000 | 1980 - 1987 | 13 |
| Ordnance Survey Plan | 1:10,000 | 1990 - 1994 | 14 |
| 10K Raster Mapping | 1:10,000 | 2000 | 15 |
| 10K Raster Mapping | 1:10,000 | 2006 | 16 |
| VectorMap Local | 1:10,000 | 2017 | 17 |

## Historical Map - Slice A



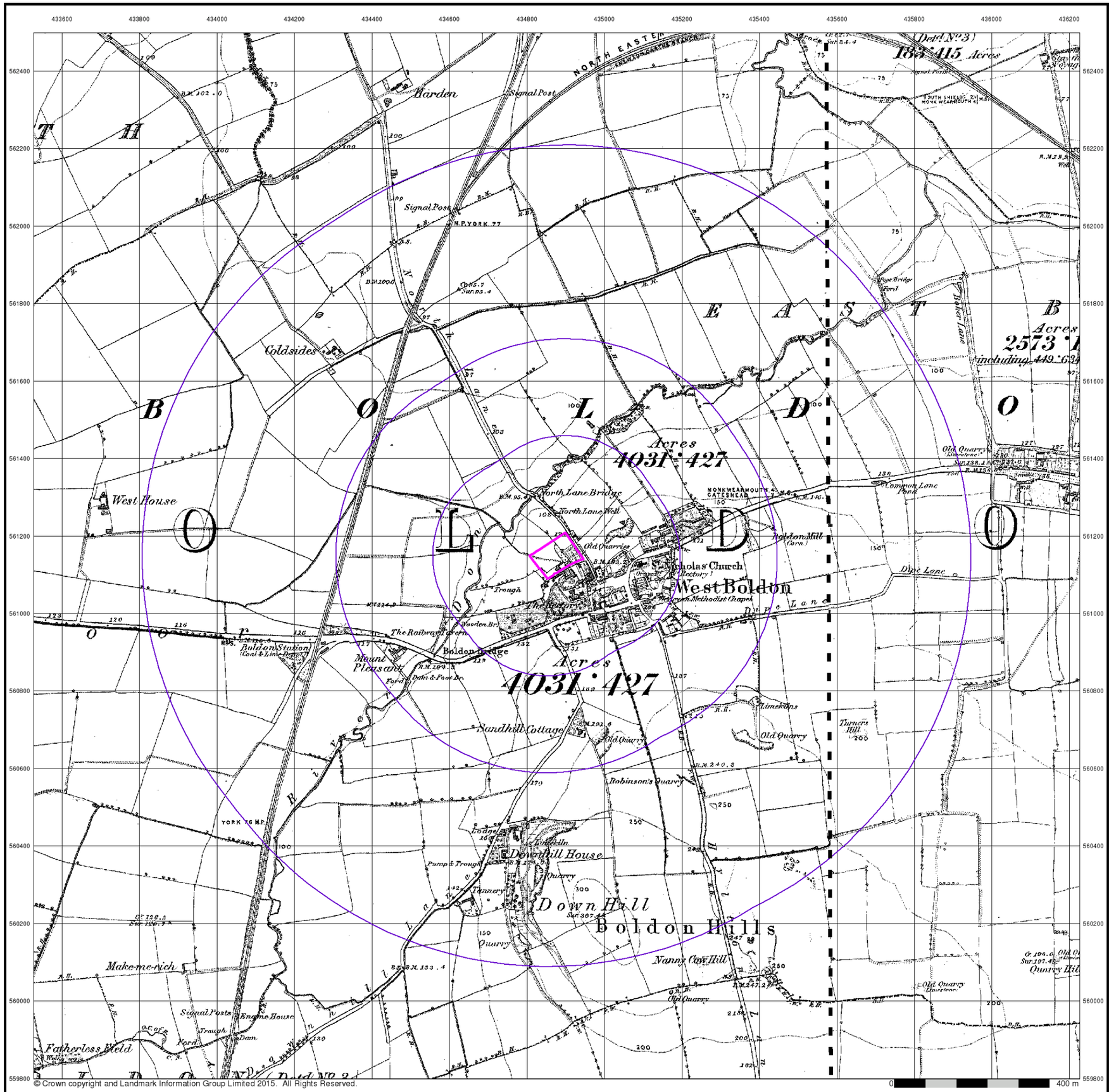

## Order Details

Order Number: 117253263_1_1
Customer Ref: 17-179 MH
National Grid Reference: 434880, 561150
Slice: A
Site Area (Ha): 0.83
Search Buffer (m): 1000

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE


Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



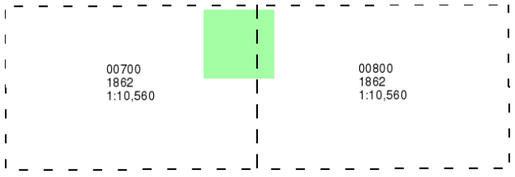

# Durham

## Published 1862

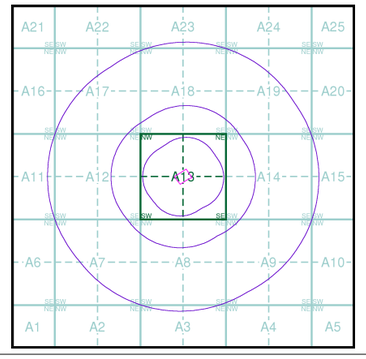
## Source map scale - 1:10,560

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

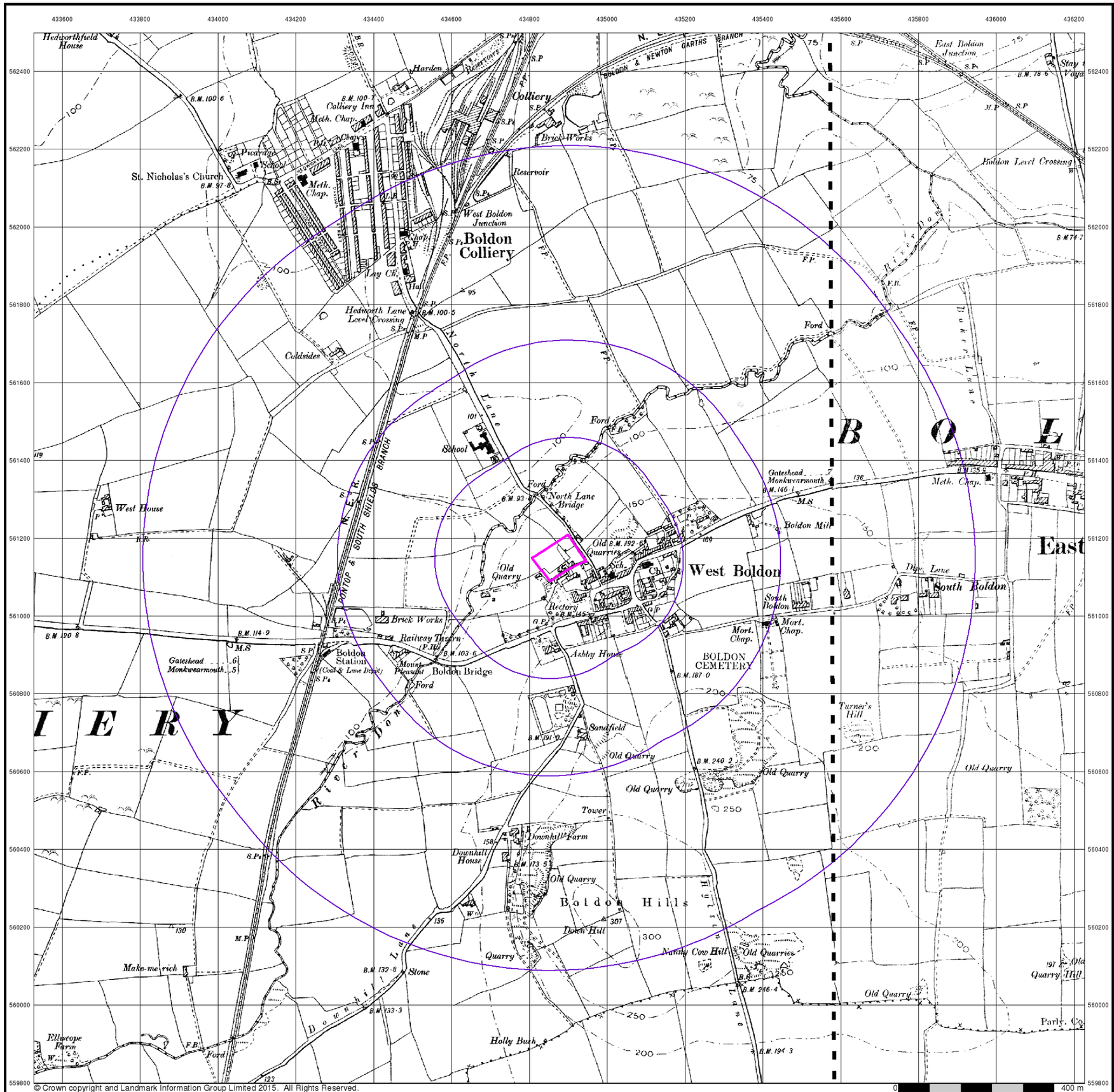
| | |
|---|---|
| Order Number: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 1000 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE


Landmark INFORMATION GROUP

Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk




© Crown copyright and Landmark Information Group Limited 2015. All Rights Reserved.

0 400 m

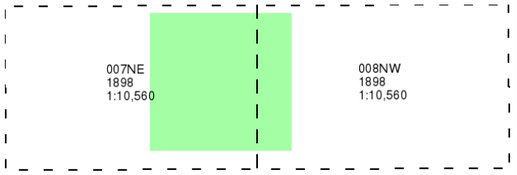
# Durham

## Published 1898

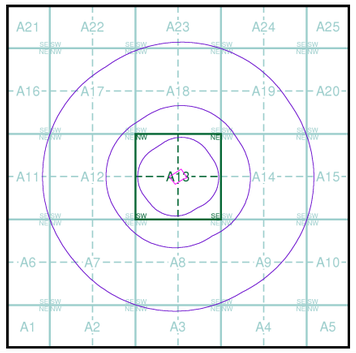
## Source map scale - 1:10,560

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



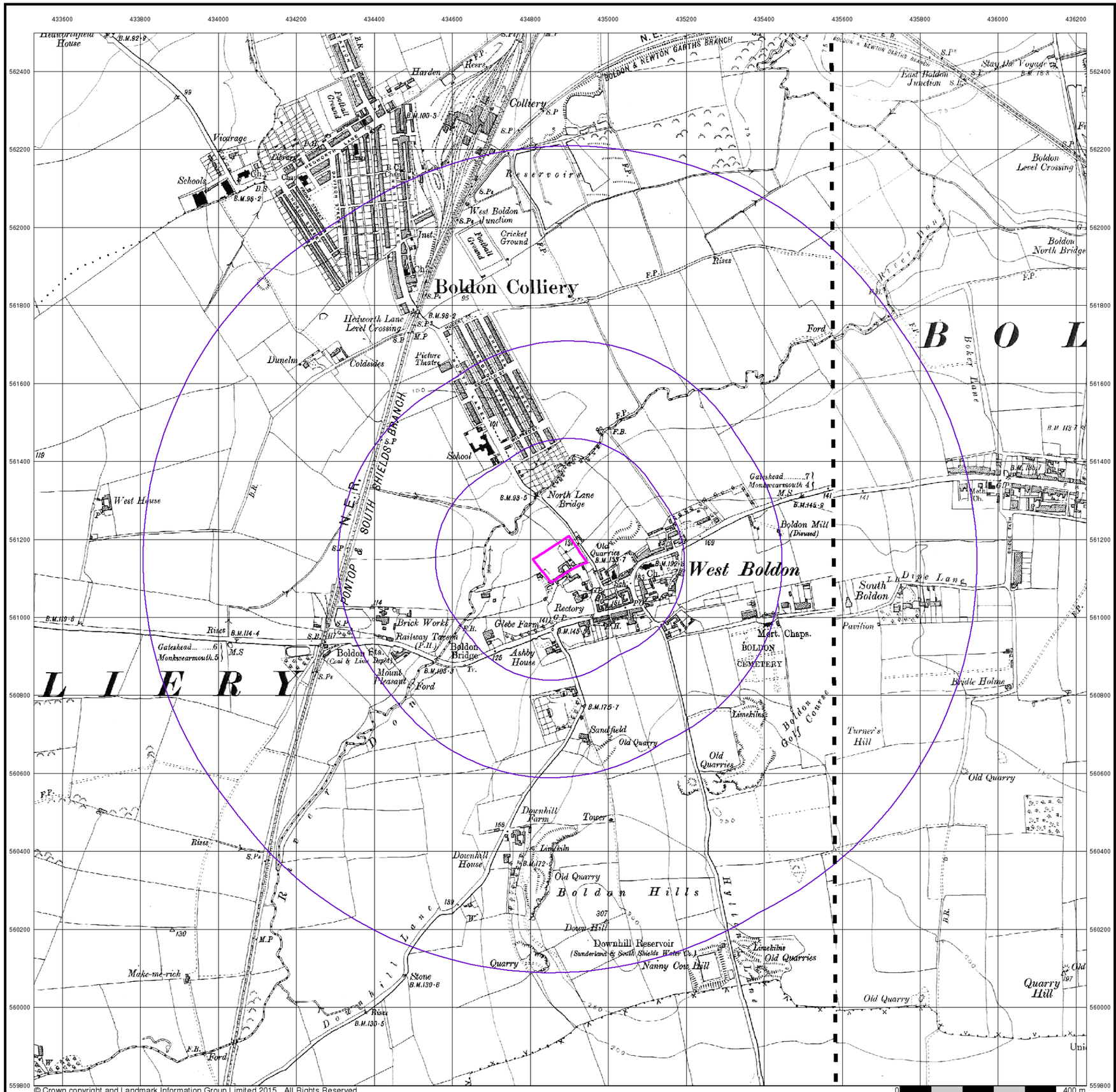

## Order Details

| | |
|---|---|
| Order Number: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 1000 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk




© Crown copyright and Landmark Information Group Limited 2015. All Rights Reserved.

arc environmental

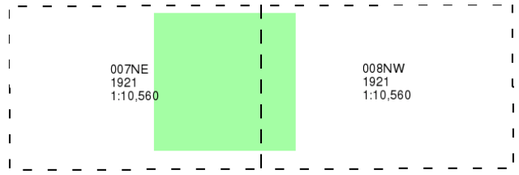
## Durham

## Published 1921

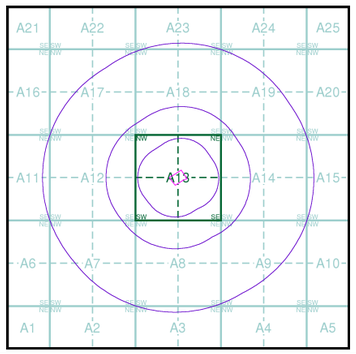
## Source map scale - 1:10,560

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



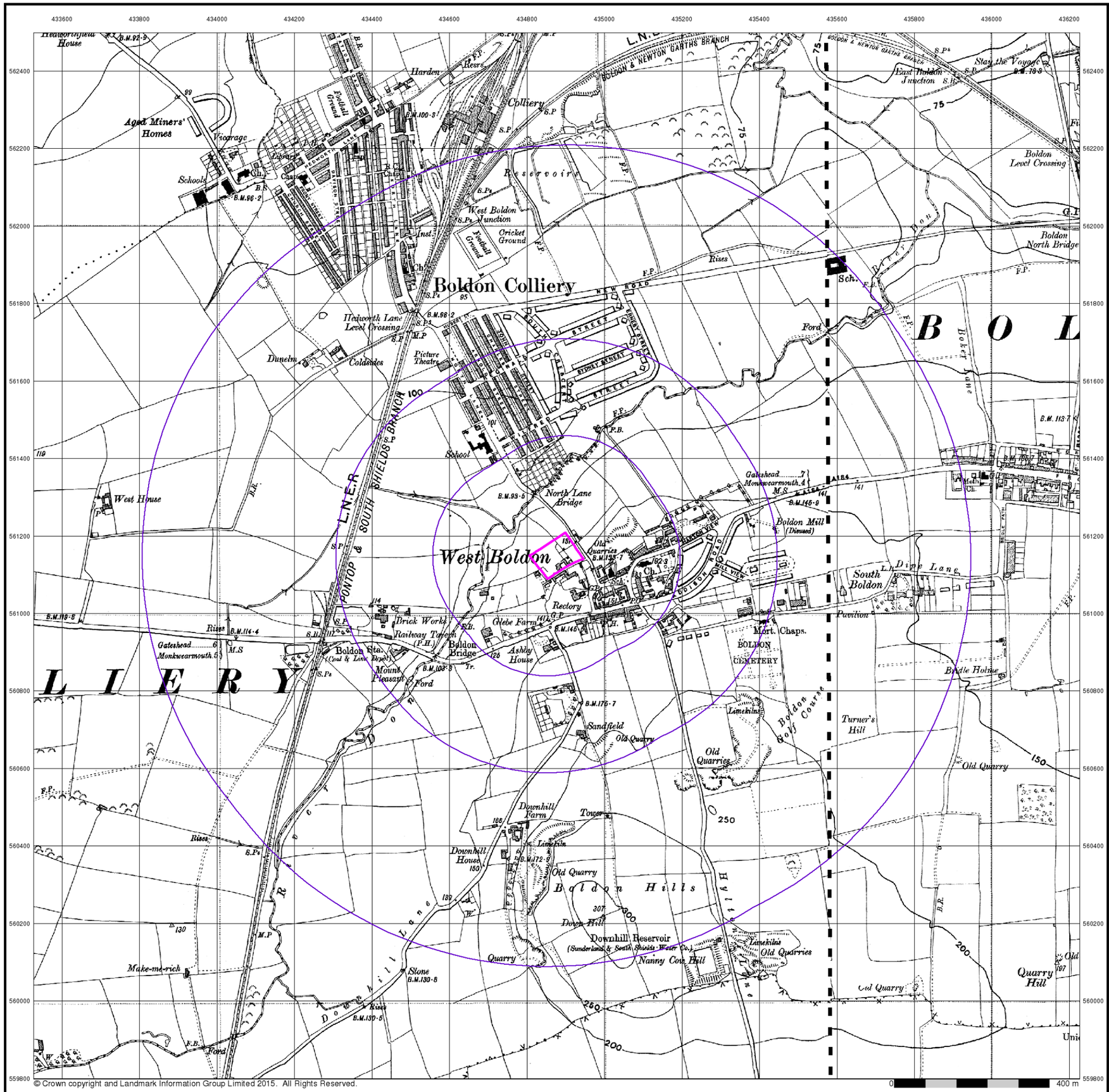

## Order Details

| | |
|---|---|
| Order Number: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 1000 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk




© Crown copyright and Landmark Information Group Limited 2015. All Rights Reserved.

arc environmental

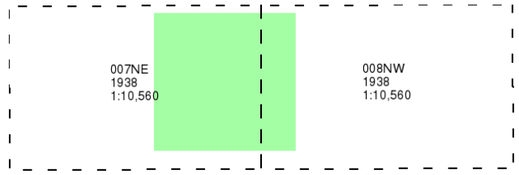
## Durham

## Published 1938

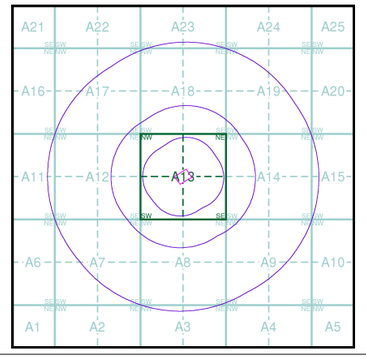
## Source map scale - 1:10,560

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



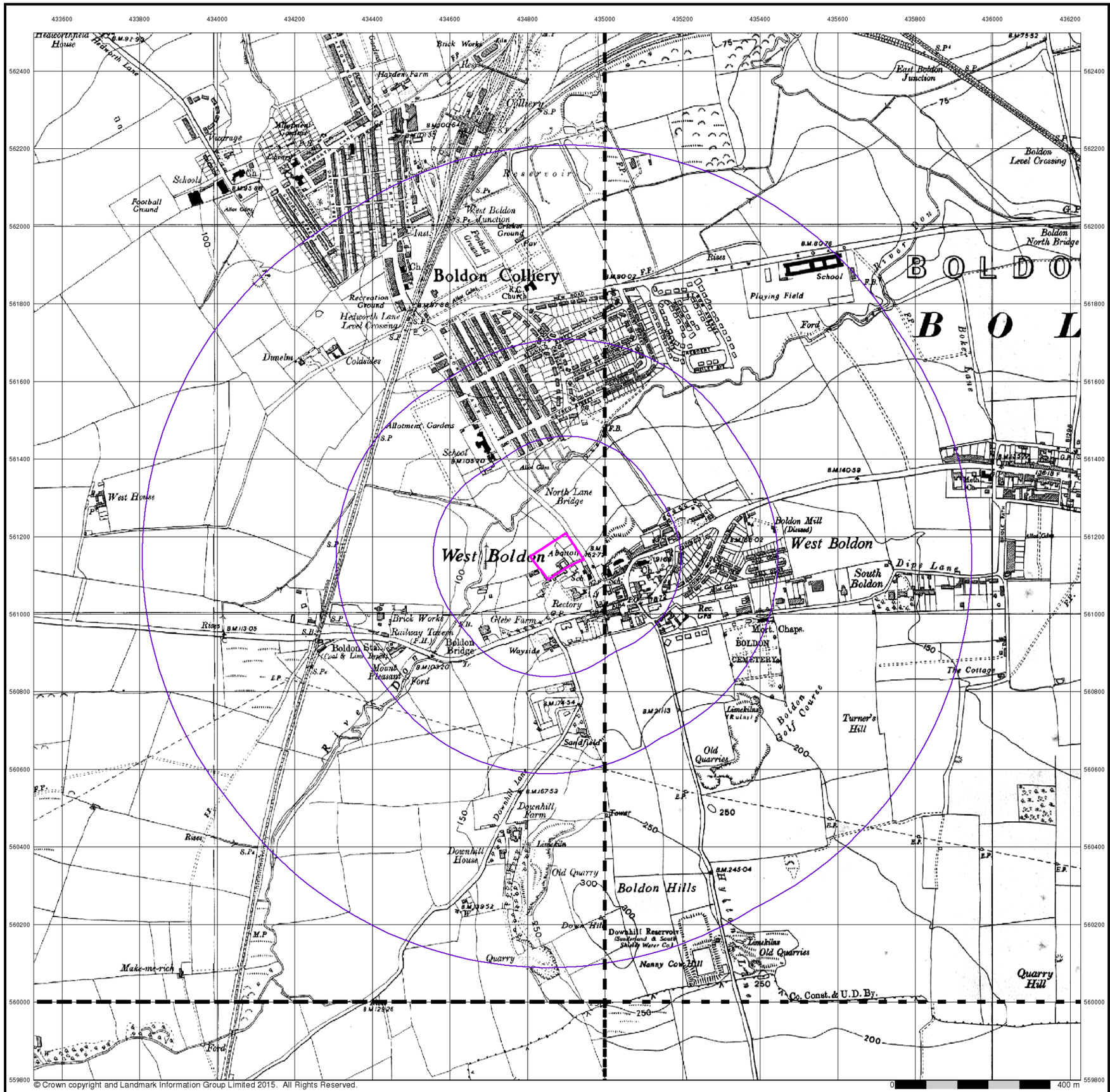

## Order Details

| | |
|---|---|
| Order Number: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 1000 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk




# Ordnance Survey Plan

## Published 1951 - 1952

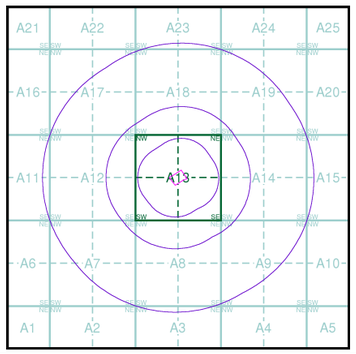
## Source map scale - 1:10,000

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)

| | |
|---|---|
| NZ36SW 1952 1:10,560 | NZ36SE 1951 1:10,560 |
| NZ35NW 1951 1:10,560 | NZ35NE 1951 1:10,560 |

## Historical Map - Slice A



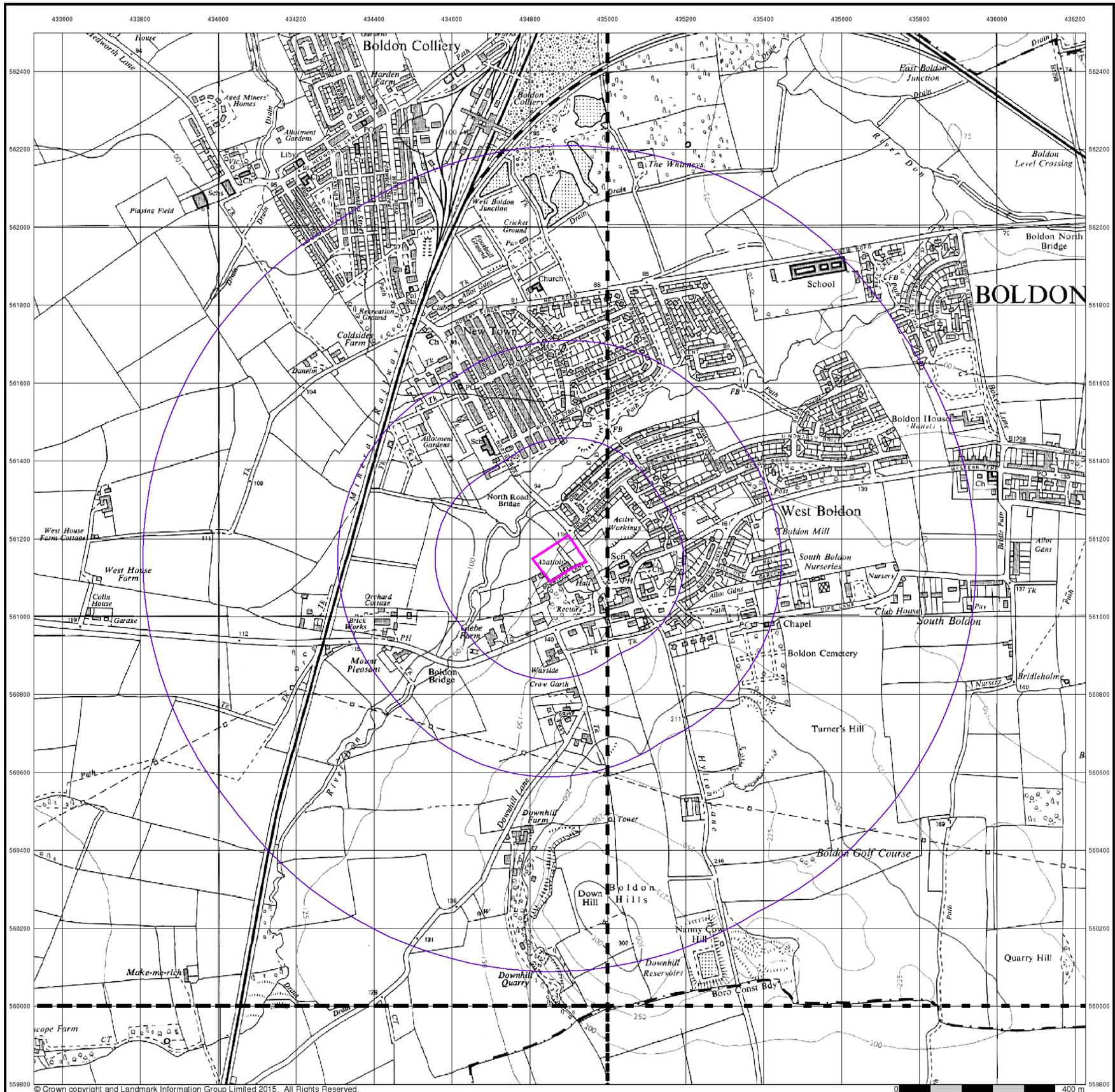

## Order Details

| | |
|---|---|
| Order Number: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 1000 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



© Crown copyright and Landmark Information Group Limited 2015. All Rights Reserved.

## Ordnance Survey Plan

### Published 1967 - 1968

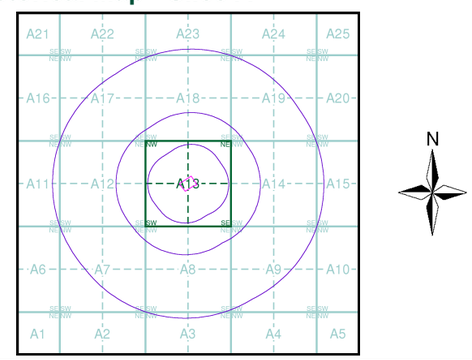
### Source map scale - 1:10,000

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)

| | |
|---|---|
| NZ36SW 1967 1:10,560 | NZ36SE 1968 1:10,560 |
| NZ35NW 1967 1:10,560 | NZ35NE 1967 1:10,560 |

## Historical Map - Slice A



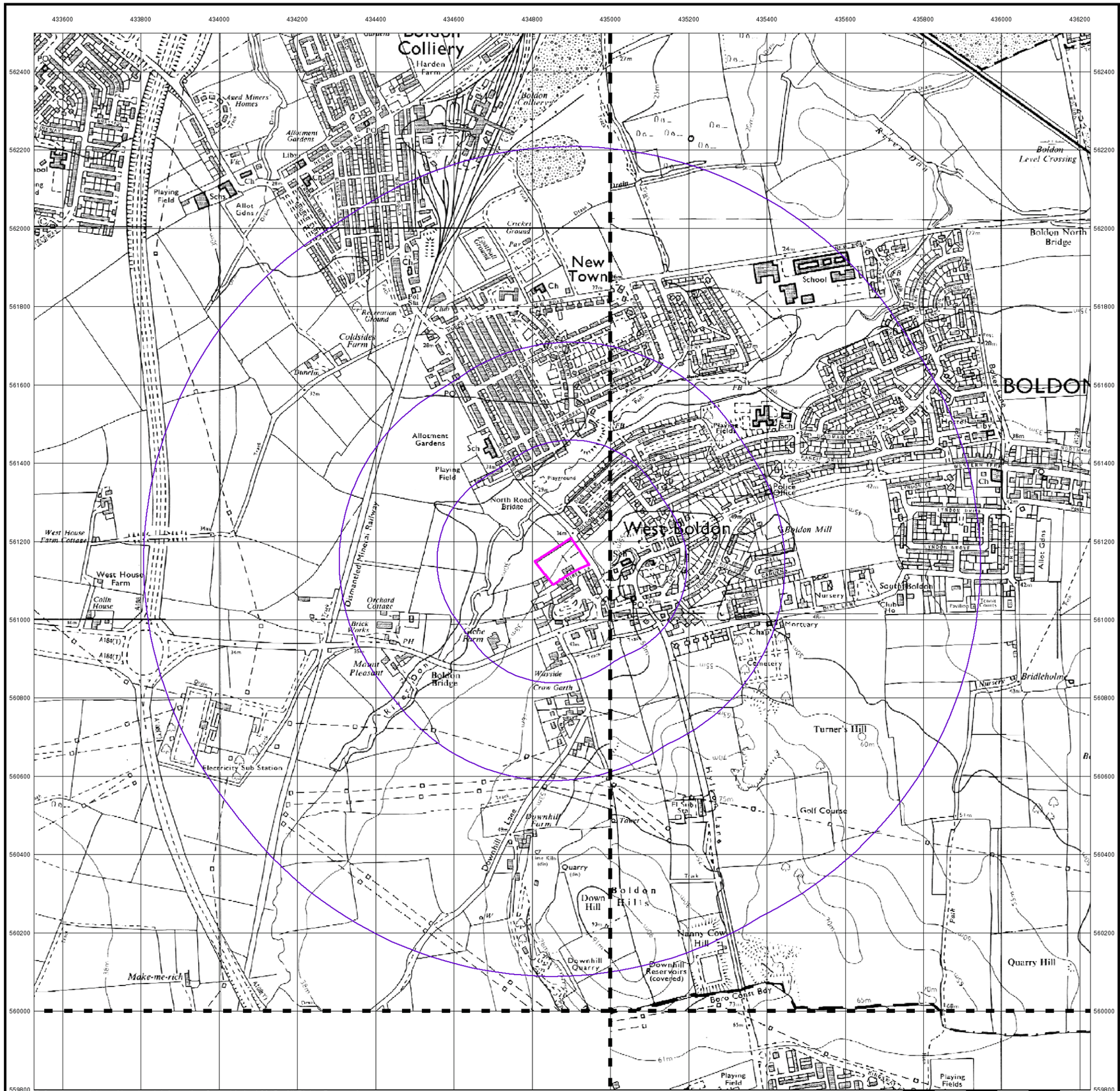

## Order Details

| | |
|---|---|
| Order Number: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 1000 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk




© Crown copyright and Landmark Information Group Limited 2015. All Rights Reserved.

# Ordnance Survey Plan

## Published 1974 - 1977

## 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.

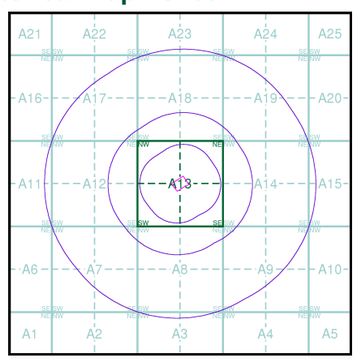
## Map Name(s) and Date(s)

NZ36SW 1975 1:10,000

NZ36SE 1977 1:10,000

NZ35NE 1974 1:10,000

## Historical Map - Slice A




## Order Details

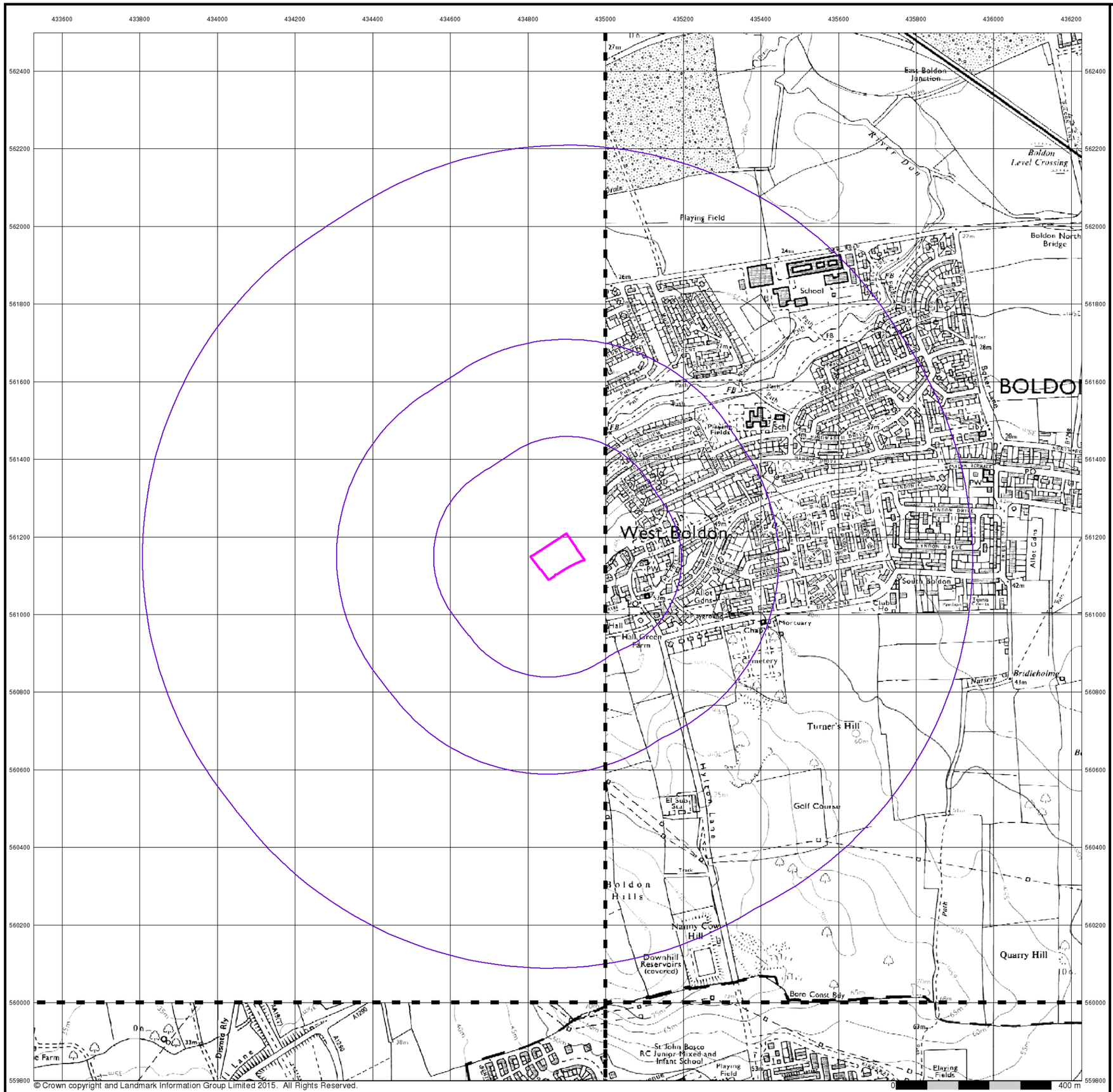
| | |
|---|---|
| Order Number: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 1000 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE

Landmark INFORMATION GROUP

Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk




© Crown copyright and Landmark Information Group Limited 2015. All Rights Reserved.

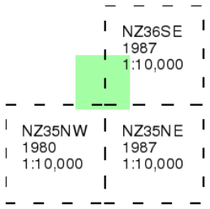
## Ordnance Survey Plan

**Published 1980 - 1987**

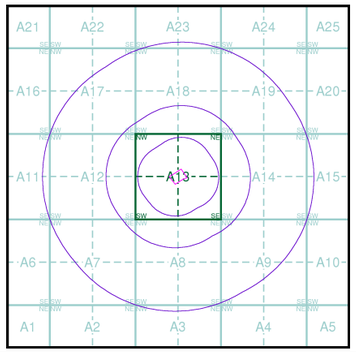
**Source map scale - 1:10,000**

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



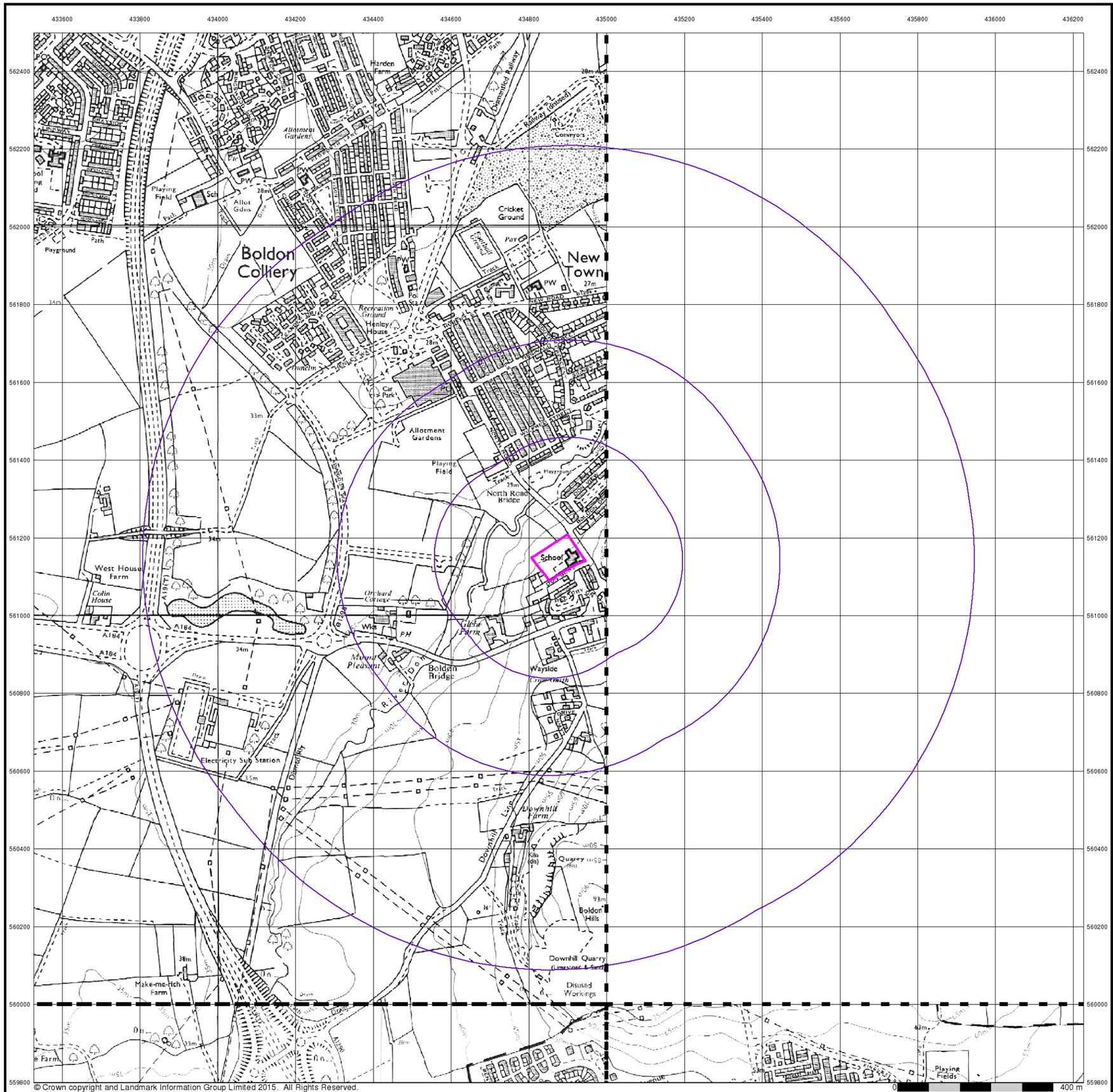

## Order Details

| | |
|---|---|
| Order Number: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 1000 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk




© Crown copyright and Landmark Information Group Limited 2015. All Rights Reserved.

arc environmental

## Ordnance Survey Plan

### Published 1990 - 1994

### 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.

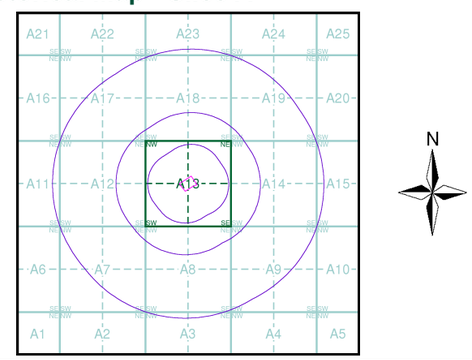
## Map Name(s) and Date(s)

NZ36SW
1992
1:10,000

NZ35NW
1990
1:10,000

NZ35NE
1994
1:10,000

## Historical Map - Slice A




## Order Details

| | |
|---|---|
| Order Number: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 1000 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE

Landmark INFORMATION GROUP

Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk




arc environmental

# 10k Raster Mapping

## Published 2000

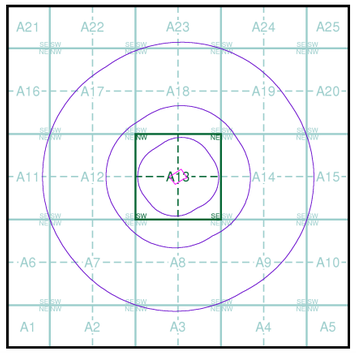
## Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey`s 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

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

| | |
|---|---|
| NZ36SW 2000 1:10,000 | NZ36SE 2000 1:10,000 |
| NZ35NW 2000 1:10,000 | NZ35NE 2000 1:10,000 |

## Historical Map - Slice A




N

## Order Details

| | |
|---|---|
| Order Number: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 1000 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE

Landmark INFORMATION GROUP

Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk




# 10k Raster Mapping

## Published 2006

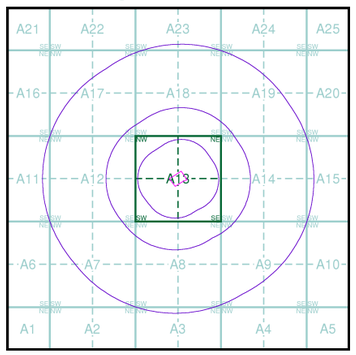
## Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey`s 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

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

| | |
|---|---|
| NZ36SW 2006 1:10,000 | NZ36SE 2006 1:10,000 |
| NZ35NW 2006 1:10,000 | NZ35NE 2006 1:10,000 |

## Historical Map - Slice A

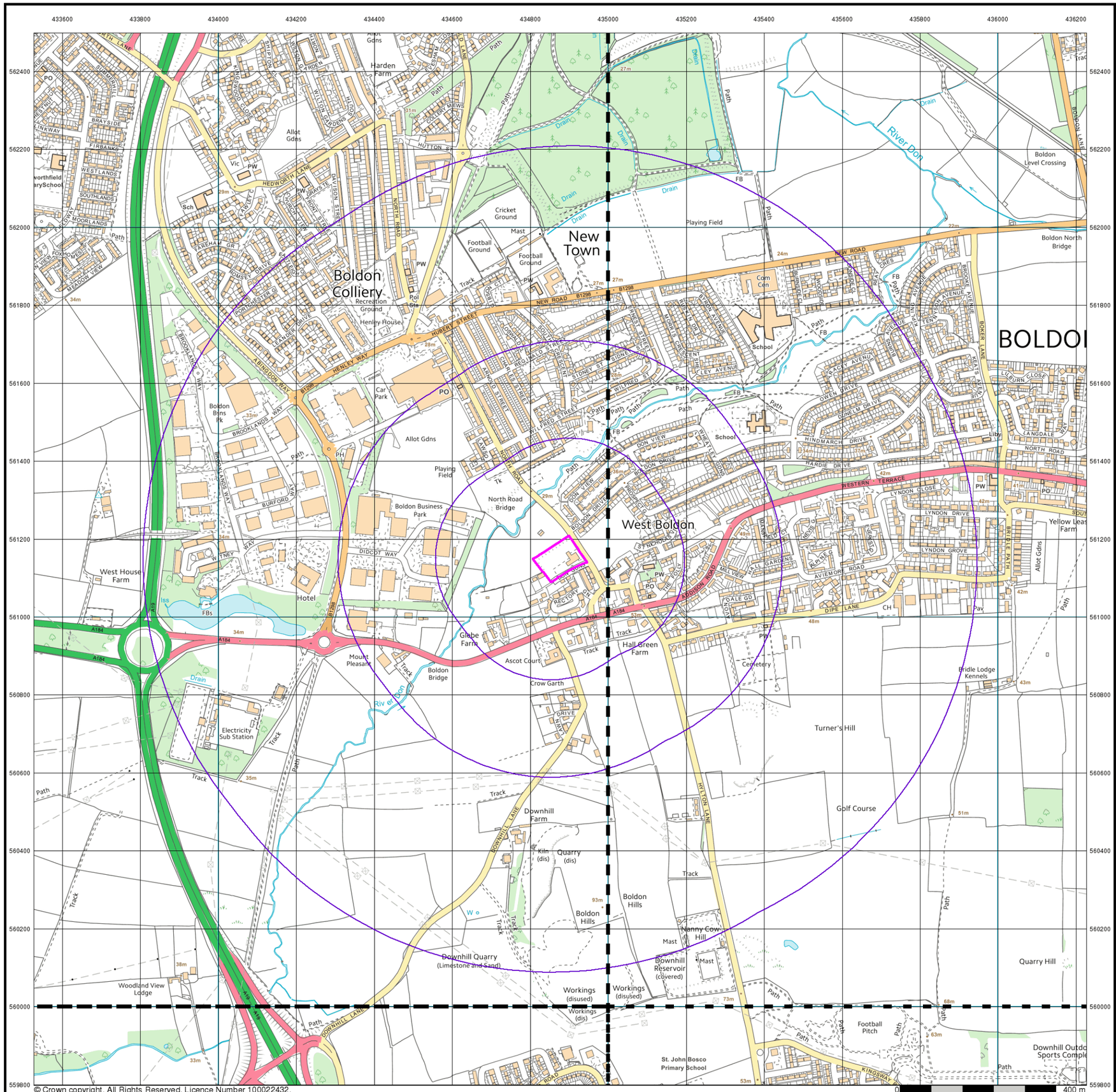



## Order Details

| | |
|---|---|
| Order Number: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 1000 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE




# VectorMap Local

## Published 2017

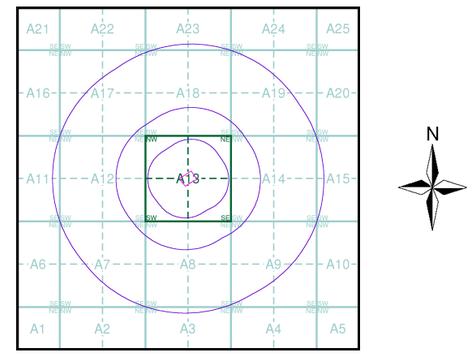
## Source map scale - 1:10,000

VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap Local is derived from large-scale information surveyed at 1:1250 scale (covering major towns and cities),1:2500 scale (smaller towns, villages and developed rural areas), and 1:10 000 scale (mountain, moorland and river estuary areas).

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

| | |
|---|---|
| NZ36SW 2017 Variable | NZ36SE 2017 Variable |
| NZ35NW 2017 Variable | NZ35NE 2017 Variable |

## Historical Map - Slice A




## Order Details

| | |
|---|---|
| Order Number: | 117253263_1_1 |
| Customer Ref: | 17-179 MH |
| National Grid Reference: | 434880, 561150 |
| Slice: | A |
| Site Area (Ha): | 0.83 |
| Search Buffer (m): | 1000 |

## Site Details

Boldon CE Primary School, Rectory Bank, WEST BOLDON, NE36 0QE


Landmark INFORMATION GROUP

Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

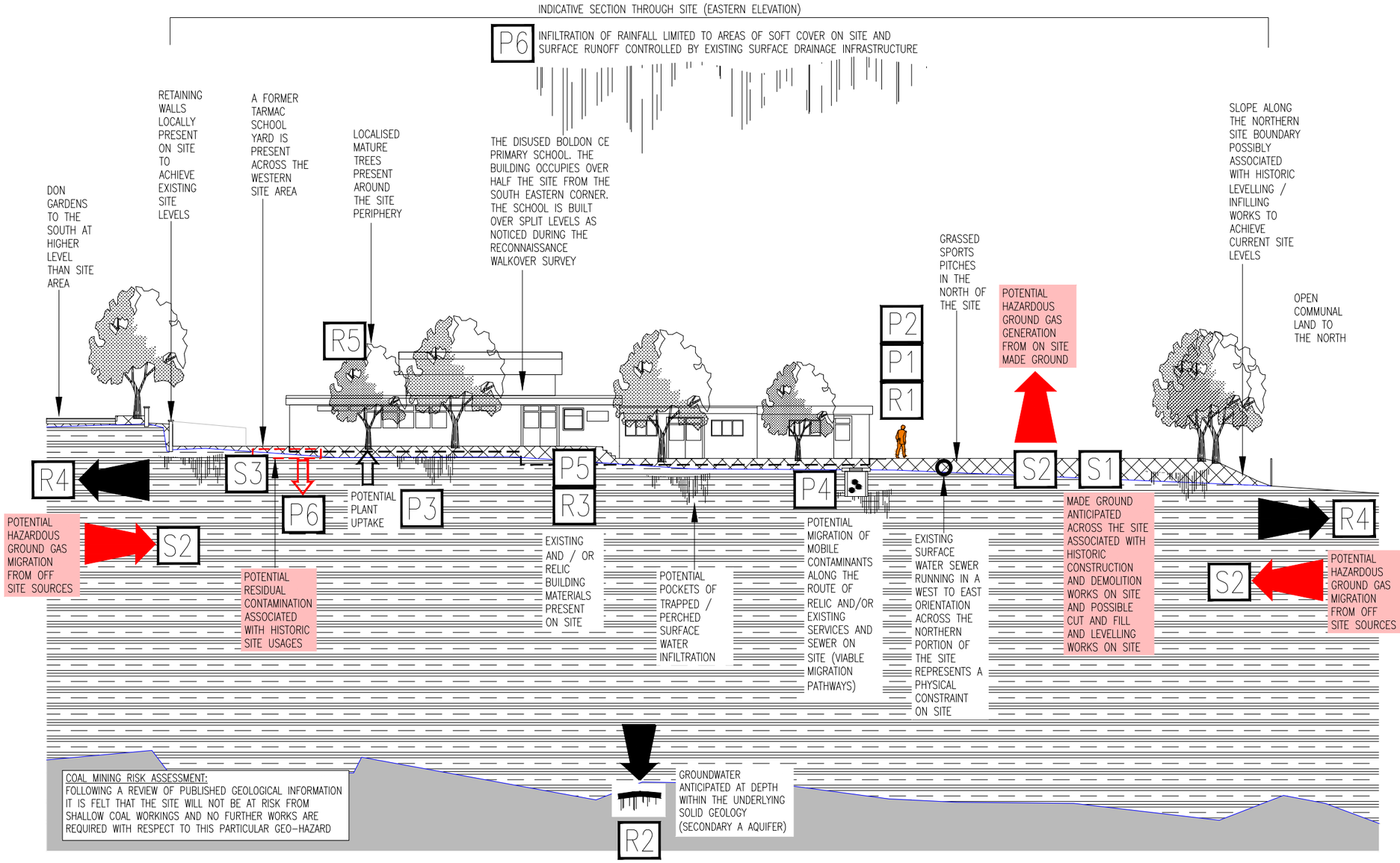
# APPENDIX IV

## Conceptual Site Model

## CRITICAL POLLUTANT LINKAGES

| SOURCE | | PATHWAY | | RECEPTOR | |
|---|---|---|---|---|---|
| S | 1. MADE GROUND ASSOCIATED WITH THE CONSTRUCTION AND DEMOLITION OF BUILDINGS PRESENT WITHIN THE SITE BOUNDARY<br>2. POSSIBLE GROUND GASES FROM ONSITE AND OFFSITE SOURCES.<br>3. CONTAMINANTS FROM THE PREVIOUS SITE USES INCLUDING AN ABATTOIR | P | 1. INGESTION AND DERMAL CONTACT<br>2. INHALATION OF INDOOR / OUTDOOR AIR<br>3. PLANT UPTAKE AND ATTACHED SOIL<br>4. MIGRATION THROUGH EXISTING SERVICES<br>5. DIRECT CONTACT WITH BUILDING MATERIALS<br>6. SURFACE RUN OFF AND LEACHATE MIGRATION | R | 1. HUMAN HEALTH (END USERS AND CONSTRUCTION WORKFORCE)<br>2. GROUNDWATER WITHIN THE SECONDARY AQUIFER A WITHIN THE SOLID GEOLOGICAL DEPOSITS<br>3. BUILDING MATERIALS*<br>4. ADJACENT SITES<br>5. FLORA AND FAUNA* |

INDICATIVE SECTION THROUGH SITE (EASTERN ELEVATION)




### STRATA DETAILS

MADE GROUND:
ACCORDING TO PUBLISHED BGS MAPS THE SITE IS NOT RECORDED TO BE UNDERLAIN BY A SIGNIFICANT THICKNESS OF MADE GROUND DEPOSITS.

WHEN CONSIDERING THE HISTORICAL RE-DEVELOPMENT, IT IS FELT THAT MADE GROUND DEPOSITS OF <1M IN THICKNESS MAY BE PRESENT ACROSS THE SITE, ASSOCIATED WITH THE CONSTRUCTION AND DEMOLITON OF BUILDINGS FOR THE ABATTOIR, HARDSTANDING FOR CAR PARKING, AND THE CONSTRUCTION OF THE FORMER BOLDON CE PRIMARY SCHOOL. ANY MADE GROUND DEPOSITS PRESENT BELOW THE SITE ARE LIKELY TO COMPRISE OF NATURAL DEPOSITS WITH ANTHROPOGENIC DEBRIS I.E. BRICK, CONCRETE, ASH, ETC

DRIFT DEPOSITS:
BASED ON MAPS PRODUCED BY THE BGS, THE SITE IS RECORDED TO BE UNDERLAIN BY THE PELAW CLAY MEMBER, WHICH COMPRISES OF REDDISH BROWN TO DARK BROWN SILTY CLAY

SOLID GEOLOGY:
THE SOLID GEOLOGY UNDERLYING THE SITE IS SHOWN TO COMPRISE OF THE UPPER COAL MEASURES (UCM), WHICH COMPRISE DEPOSITS OF INTERBEDDED GREY MUDSTONE, SILTSTONE AND PALE GREY SANDSTONE WITH COAL SEAMS PRESENT. THE UCM WERE DEPOSITED DURING THE CARBONIFEROUS PERIOD


**ARC ENVIRONMENTAL LTD**
Solum House
Unit 1 Elliott Court
St. John's Road
Meadowfield
Durham, DH7 8PN
Tel: (0191) 378 6380
Fax: (0191) 378 0494
e-mail: admin@arc-environmental.com
web: www.arc-environmental.com



The contractor shall check all dimensions on site before commencement of any works. No dimensions to be scaled off this drawing.
© Copyright Reserved


| rev. | date | amendments | drawn | chckd |
|---|---|---|---|---|

Client: **TELMAC DEVELOPMENTS LTD**

Project Title:
Former West Boldon Primary School
North Road, West Boldon
Tyne & Wear, WE36 0QE

Drawing Title:
Conceptual Site Model

| Scale at A3: | Date: | Drawn by: | Approved by: |
|---|---|---|---|
| NTS @ A3 | 13.04.17 | P.D | M.H |

| Job Ref: | Drg no: | Rev: |
|---|---|---|
| 21-218 | — | — |