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## **PHASE 1: DESK TOP STUDY REPORT**

**ST AIDAN'S COURT (SOUTH SHIELDS) LTD/ HOLYWOOD  
DEVELOPMENTS  
PROPOSED RESIDENTIAL DEVELOPMENT  
FORMER ST AIDAN'S CHURCH  
ST AIDAN'S ROAD  
SOUTH SHIELDS**

**Project No: 08-329**

Prepared By:

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Date:

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Date:

The information and/or advice contained in this Phase 1: Desk Top Study 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.

Report Type:- Phase 1: Desk Top Study Report.

Project:- 08-329 – Proposed Residential Development, Former St Aidan's Church, South Shields.

Prepared For:- St Aidan's Court (South Shields) Ltd / Hollywood Developments.

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Report Type:- Phase 1: Desk Top Study Report.

Project:- 08-329 – Proposed Residential Development, Former St Aidan's Church, South Shields.

Prepared For:- St Aidan's Court (South Shields) Ltd / Hollywood Developments.

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## 1.0 Introduction

June 2008

Instruction to commence with this Phase 1: Desk Top Study Report was received from St Aidan's Court (South Shields) Ltd/Hollywood Developments, during June 2008. As part of this report a site reconnaissance (walkover) survey was undertaken. Site Photographs (Plates 1-10) were taken during the survey and they can be seen attached in Appendix IV, with observations from the survey noted in Table 2.1.

### 1.1 Project Details: -

Table 1.1

|                         |                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------|
| Site Name:              | Former St Aidan's Church.                                                                       |
| Site Address:           | Former St Aidan's Church, At Aidan's Road, South Shields, NE33 2RJ.                             |
| Client:                 | St Aidan's Court (South Shields) Ltd / Hollywood Developments.                                  |
| Architect:              | Mario Minchella                                                                                 |
| Location plan:          | See Appendix I.                                                                                 |
| Layout plan (existing): | See Appendix I.                                                                                 |
| Layout plan (proposed): | See Appendix I.                                                                                 |
| Project Type:           | Proposed residential development (based on CLEA end use <i>Residential with Plant Uptake</i> ). |

## 2.0 Physical Setting

### 2.1 Site Details/Description & Reconnaissance: -

Table 2.1

N = North, S = South, etc.

|                                   |                                                                                                                                                                                                                                                                         |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Site Name:                        | Former St Aidan's Church.                                                                                                                                                                                                                                               |
| Site Address:                     | Former St Aidan's Church, At Aidan's Road, South Shields, NE33 2RJ.                                                                                                                                                                                                     |
| OS Grid Reference:                | 436810, 567610 (representative for the centre of the site).                                                                                                                                                                                                             |
| Description of Location:          | The site is an open area of land (former church), located to the north of South Shields town centre.                                                                                                                                                                    |
| Site Boundaries:                  | N = St Aidan's Road with residential properties beyond, E = Unnamed road with residential properties and commercial property (Ambassador Home) beyond, S = Unnamed road with residential properties beyond, W = Henry Nelson Street with residential properties beyond. |
| Site Setting:                     | The site is located to the north of South Shields Town Centre within a predominantly residential setting with a park to the east.                                                                                                                                       |
| Site Shape & Development Details: | Square shaped site, c.0.17 Ha in size with proposal to redevelop the site for residential use, comprising three storey town houses with private gardens and apartments.                                                                                                 |
| General Topography:               | Site topography shows a general fall to the south-east. Adjacent topography also shows a fall in gradient to the south-east.                                                                                                                                            |
| Approximate Ground Levels:        | Ranging from between c.15.50m to c.15.79 AOD - taken from spot height on the north-eastern boundary and benchmark to the south-west of the site. Although following the site reconnaissance the south-east corner is anticipated to be c.<3m lower than this.           |
| Site Surface(s):                  | The site surfacing comprises overgrown rough vegetation.                                                                                                                                                                                                                |
| Above Ground Structures:          | A small wall is recorded on the southern boundary of the site.                                                                                                                                                                                                          |
| Vegetation:                       | Mainly rough vegetation.                                                                                                                                                                                                                                                |
| Sub-surface Structures:           | Relic foundations may be present associated with the former church on site. In addition, buried services (i.e. water, electricity etc.) may be present below the site, however these may have been disconnected during the demolition of the church.                    |
| Additional Comments:              | ~                                                                                                                                                                                                                                                                       |

## 3.0 Environmental Setting

### 3.1 Site Geology: -

Table 3.1

| MADE GROUND / FILL                      | Comments                                                                                                                                                                                                    |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type:                                   | None Recorded on geological plans.                                                                                                                                                                          |
| Thickness:                              | Anticipated to be up to c.2m in thickness. However, may be deeper in areas (i.e. c.3m) if basements/cellars were present on site associated with the former Church.                                         |
| Remarks:                                | Any made ground encountered on site is likely to be associated with the former development and is likely to comprise disturbed natural strata with anthropogenic debris (i.e. demolition rubble).           |
| DRIFT                                   | Comments                                                                                                                                                                                                    |
| Type:                                   | Glacial Till (Boulder Clay) recorded on published Geological Plans.                                                                                                                                         |
| Thickness:                              | An area of Blown Sand is recorded to the east of the site.                                                                                                                                                  |
| Remarks:                                | Anticipated to be c.>5m in thickness. Typically comprises firm to stiff sandy gravelly clays, often containing cobbles and boulders.                                                                        |
| SOLID                                   | Comments                                                                                                                                                                                                    |
| Type:                                   | Carboniferous: Middle Coal Measures (MCM), with mudrocks recorded at rockhead level.                                                                                                                        |
| Thickness:                              | c.>100m.                                                                                                                                                                                                    |
| Remarks:                                | Cyclical alternations of Sandstone, Ironstone, Mudrocks (siltstone, mudstone & shale), productive Coal Seams and Seat Earths/ Fire Clays deposited during the Carboniferous Period.                         |
| Structural Faults or Abnormal Features: | None recorded within an influencing distance of the site. The site lies within an Anticline structure, (this is a fold of upwardly convex shape, which contains stratigraphically older rocks in its core). |

### 3.2 Mining Assessment:-

Table 3.2

| COAL MINING ACTIVITIES                                                                                     | Yes/No | Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Is the site in an area of known shallow coal mining?                                                       | Yes.   | The site is underlain by the Middle Coal Measures (MCM), which contain productive coal seams.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Are there any potential shallow coal seams present below the site which may represent a risk to this site? | No.    | The site lies within an Anticline structure, (this is a fold of upwardly convex shape, which contains stratigraphically older rocks in its core). Records from a nearby exploratory borehole (held by the Durham Mining Museum) to the south indicate that no coal seams are present within c.>30m below rockhead, as a result shallow coal workings do not pose a risk to the proposed development. In addition, a Coal Mining Report procured for completeness indicates the shallowest recorded worked seam below the site to be the Hutton at a depth of c.155m below ground level with a seam thickness of c.0.89m. |
| Are there any known shafts, adits, tips, lagoons, or open cast workings likely to affect the site?         | No.    | ~                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Is further exploratory work required with respect to the issue of historical coal mining activities?       | No.    | It is felt that no further investigation works are required with respect to shallow coal mining below this site.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

### 3.0 Environmental Setting (Cont'd)

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

Table 3.3

| MINERAL RESOURCES:<br>DRIFT                                   | Yes/No | Comments                                                      |
|---------------------------------------------------------------|--------|---------------------------------------------------------------|
| Type:                                                         | ~      | Clay.                                                         |
| Are there any records or evidence of extraction on this site? | No.    | None historically recorded on site or within close proximity. |
| Remarks:                                                      | ~      | No future quarrying or mining likely below this site.         |
| Action Required:                                              | No.    | ~                                                             |
| MINERAL RESOURCES:<br>SOLID                                   | Yes/No | Comments                                                      |
| Type:                                                         | ~      | Mudrocks.                                                     |
| Are there any records or evidence of extraction on this site? | No.    | None historically recorded on site or within close proximity. |
| Remarks:                                                      | ~      | No future quarrying or mining likely below this site.         |
| Action Required:                                              | No.    | ~                                                             |

#### 3.3 Site Hydrogeology: -

Table 3.4

| STRATA                         | Aquifer / Soil Leachability<br>EA Classification | Comments                                                                                                                                                                                                                                                                                 |
|--------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Made Ground:                   | 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.                                                                                             |
| Drift Geology:                 | Low Permeability Drift Deposits.                 | Drift deposits classified as low permeability due to the presence of boulder clay (i.e. sandy gravelly clay).                                                                                                                                                                            |
| Solid Geology:                 | Minor Aquifer.                                   | Minor Aquifer (Variably Permeable) – These can be fractured or potentially fractured rocks, which do not have a high primary permeability. Although not producing large quantities of water for abstraction, they are important for local supplies and in supplying base flow to rivers. |
| GROUNDWATER                    | Presence / Location                              | Comments                                                                                                                                                                                                                                                                                 |
| Depth(s):                      | No records available for this site.              | Shallow groundwater is not anticipated below this site, although it is anticipated at depth within the underlying solid geology deposits.                                                                                                                                                |
| Direction of Flow:             | No records available for this site.              | ~                                                                                                                                                                                                                                                                                        |
| Licensed Water Abstractions:   | None recorded within c.1km.                      | ~                                                                                                                                                                                                                                                                                        |
| Source Protection Zones (SPZ): | None recorded within c.1km.                      | ~                                                                                                                                                                                                                                                                                        |
| Groundwater Monitoring:        | No records available for this site.              | To be assessed during the fieldwork stage.                                                                                                                                                                                                                                               |

### 3.0 Environmental Setting (Cont'd)

#### 3.4 Site Hydrology: -

Table 3.5

| SURFACE WATER<br>FEATURE    | Location                                                                                                                                                        | Comments                                                                                                                                                                                                                                   |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GQA Classified River        | None recorded within c.250m.                                                                                                                                    | ~                                                                                                                                                                                                                                          |
| Unclassified Watercourse(s) | None recorded within c.250m.                                                                                                                                    | ~                                                                                                                                                                                                                                          |
| Canals                      | None recorded within c.250m.                                                                                                                                    | ~                                                                                                                                                                                                                                          |
| Ponds, Lakes, etc.          | None recorded within c.250m.                                                                                                                                    | ~                                                                                                                                                                                                                                          |
| Flooding                    | The site is shown to lie outwith the designated Flood Zone 2, and Flood Zone 3. Therefore this site is unlikely to be at significant risk from future flooding. | 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 Runoff:             | With topography, likely to be in a south-easterly direction.                                                                                                    | Possible control through existing surface drainage system i.e. open field drainage/streams.                                                                                                                                                |
| RAINFALL                    | Measurements (mm)                                                                                                                                               | Comments                                                                                                                                                                                                                                   |
| Annual                      | 643.3                                                                                                                                                           | Based on 'station average' records from Durham: 1973-2000.                                                                                                                                                                                 |
| Precipitation, January      | 56.2                                                                                                                                                            | See above.                                                                                                                                                                                                                                 |
| Precipitation, July         | 44.5                                                                                                                                                            | See above.                                                                                                                                                                                                                                 |

#### 3.5 Site Ecology: -

Table 3.6

| FEATURES                | Location                 | Comments                                                                                                                                                                                                          |
|-------------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SSSI                    | Two recorded within 1km. | Envirocheck page 28 shows 2 areas of Special Scientific Interest c.477m to the east of the site (Durham Coast) and c.904m to the north of the site (Northumberland Shore). (See Envirocheck for further details). |
| Ramsar Site             | One recorded within 1km. | Envirocheck page 28 shows a Ramsar Site c.477m to the east of the site. (See Envirocheck for further details).                                                                                                    |
| Special Protection Area | One recorded within 1km. | Envirocheck page 28 shows a Special Protection area c.477m to the east of the site. (See Envirocheck for further details).                                                                                        |

#### 3.6 Radon Assessment: -

The site lies in an area where <1% of homes exceed the Radon Action Level in accordance with the British Geological Survey (BGS) National Geoscience information service, with their assessment suggesting that the site requires **NO** radon protection measures. This corresponds with the BRE Digest 211 (2007) Radon: Guidance on protection measures for new dwellings, which records the site to be situated within a clear grid square (1km), also inferring that **NO** radon protection measures are required for the site.

## 4.0 Industrial Setting

### 4.1 Recent Site History: -

Copies of old survey plans covering this site and adjacent areas are included in Appendix II, and a summary of the site history based on these plans is summarised in Table 4.1 below.

| Date                 | Site                                                                | Adjacent Areas                                                                                                                                                                                                                                                                                              |
|----------------------|---------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| c.1862               | Site is recorded as undeveloped.                                    | A Bath House is recorded to the immediate east of the site. Union <b>Workhouse</b> is recorded c.100m to the south-east of the site. Field House (residential) and Fairies Cottages are recorded c.100m to the south-west of the site.                                                                      |
| c.1858/81            | As c.1862.                                                          | Generally as c.1862.                                                                                                                                                                                                                                                                                        |
| c.1897/98            | St Aidan's Church is recorded on site.                              | Significant residential development has taken place to the surrounding areas. Fairies Cottages to the south-west are no longer recorded. North Marine Park with bowling green, tennis courts, etc, is recorded to the north-east of the site. A <b>Tramway</b> is recorded c.140m to the south of the site. |
| c.1898               | As c.1897/98.                                                       | Generally as c.1897/98. Field House to the south-west is no longer recorded.                                                                                                                                                                                                                                |
| c.1899               | As c.1898.                                                          | Generally as c.1898.                                                                                                                                                                                                                                                                                        |
| c.1915               | A Parish Hall is recorded on the south-eastern portion of the site. | Generally as c.1899.                                                                                                                                                                                                                                                                                        |
| c.1921               | As c.1915.                                                          | Generally as c.1915. The <b>Tramway</b> to the south of the site is no longer recorded, this is now recorded as Ocean Road.                                                                                                                                                                                 |
| c.1938               | As c.1921.                                                          | Generally as c.1921.                                                                                                                                                                                                                                                                                        |
| c.1941               | As c.1938.                                                          | Generally as c.1938.                                                                                                                                                                                                                                                                                        |
| c.1952               | As c.1941.                                                          | Generally as c.1941.                                                                                                                                                                                                                                                                                        |
| c.1956               | As c.1952.                                                          | Generally as c.1952.                                                                                                                                                                                                                                                                                        |
| c.1967               | As c.1956.                                                          | Generally as c.1956.                                                                                                                                                                                                                                                                                        |
| c.1974               | As c.1967.                                                          | A Merchant Navy Hotel is recorded to the immediate east of the site.                                                                                                                                                                                                                                        |
| c.1976               | As c.1974.                                                          | Generally as c.1974.                                                                                                                                                                                                                                                                                        |
| c.1986               | As c.1976.                                                          | Generally as c.1976.                                                                                                                                                                                                                                                                                        |
| c.1993               | As c.1986.                                                          | Generally as c.1986.                                                                                                                                                                                                                                                                                        |
| c.2000               | As c.1993.                                                          | Generally as c.1993.                                                                                                                                                                                                                                                                                        |
| c.2008 (Present day) | St Aidan's Church and Church Hall have been demolished.             | Generally as c.2000.                                                                                                                                                                                                                                                                                        |

### 4.2 Landfill & Waste Regulation: -

| FEATURES                                        | Location                     | Comments                                                                                                                                                                        |
|-------------------------------------------------|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BGS Recorded Landfill Site                      | None recorded within c.250m. | ~                                                                                                                                                                               |
| Historical Landfill Site                        | None recorded within c.250m. | ~                                                                                                                                                                               |
| Registered Landfill Site                        | None recorded within c.250m. | ~                                                                                                                                                                               |
| Historical Evidence of tipping / waste disposal | Potentially on site.         | Spreads of demolition rubble may be present. In addition if basements were present associated with the former church, these may have been infilled during the demolition works. |
| Registered Waste Treatment or Disposal Sites    | None recorded within c.250m. | ~                                                                                                                                                                               |
| Registered Waste Transfer Site                  | None recorded within c.250m. | ~                                                                                                                                                                               |
| Licensed Waste Management Facilities            | None recorded within c.250m. | ~                                                                                                                                                                               |
| IPC Registered Waste Site                       | None recorded within c.250m. | ~                                                                                                                                                                               |

## 4.0 Industrial Setting (Cont'd)

### 4.3 Statutory Requirements / Authorisations : -

Table 4.3

| TYPE                                                  | Location                     | Comments                                                                                                                                                                                    |
|-------------------------------------------------------|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Local Authority Pollution Prevention and Controls     | None recorded within c.250m. | ~                                                                                                                                                                                           |
| Integrated Pollution Prevention and Control           | 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 Sites                                           | None recorded within c.250m. | ~                                                                                                                                                                                           |
| NIHHS Site                                            | None recorded within c.250m. | ~                                                                                                                                                                                           |
| Contemporary Trade Entries                            | Five recorded within c.250m. | See Envirocheck Report attached in Appendix II for further detail (page 21). None of which are considered to represent a significant risk to the site with respect to ground contamination. |
| Fuel Station Entries                                  | None recorded within c.250m. | ~                                                                                                                                                                                           |

### 4.4 Pollution Incidents and Discharge Consents: -

Table 4.4

| TYPE                                       | Location                     | Comments |
|--------------------------------------------|------------------------------|----------|
| Discharge Consents                         | None recorded within c.250m. | ~        |
| Prosecutions Relating to Controlled Waters | None recorded within c.250m. | ~        |
| Pollution Incidents to Controlled Waters   | None recorded within c.250m. | ~        |
| Substantiated Pollution Incident Register  | None recorded within c.250m. | ~        |

## 5.0 Conceptual Site Model

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. This allows a better understanding of what needs to be done to achieve risk management, and from this appropriate remediation techniques, if required to accomplish 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 are discussed in further detail in Sub-sections 5.1 – 5.6.

## 5.0 Conceptual Site Model (Cont'd)

Table 5.1

|    | Sources (S) |    | Pathways (P)                           |    | Receptors (R)                 |
|----|-------------|----|----------------------------------------|----|-------------------------------|
| S1 | Made ground | P1 | Ingestion                              | R1 | Human health (Residents)      |
|    |             | P2 | Inhalation of indoor / outdoor air     | R2 | Groundwater (Minor - Aquifer) |
|    |             | P3 | Dermal contact                         | R3 | Building materials            |
|    |             | P4 | Migration through existing services    | R4 | Adjacent sites                |
|    |             | P5 | Direct contact with building materials | R5 | Flora and fauna               |
|    |             | P6 | Surface runoff                         |    |                               |

A graphical representation of the CSM has been produced for this site and can be seen attached in Appendix V which sets out the critical pollutant linkages of concern for this particular site, with regard to contamination.

### 5.1 Ground Profile: -

The anticipated existing ground profile for this site has been summarised in Table 5.2 below:

Table 5.2

| Strata Type                             | Anticipated Thickness                                                                                                                        | Anticipated Depth to Base of Strata                                                                                                              | Groundwater                                                | Comments                          |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-----------------------------------|
| Made Ground: (Type unknown at present). | Generally anticipated to be up to c.2m. May be deeper i.e. up to c.3m if basements were present on site associated with historical site use. | Generally anticipated to be up to c.2m bgl. May be deeper i.e. up to c.3m if basements were present on site associated with historical site use. | Some trapped surface drainage may be present.              | Soils of High Leaching Potential. |
| Drift Geology: (Boulder Clay)           | Anticipated to be c.>5m.                                                                                                                     | Anticipated to be c.>5m.                                                                                                                         | Pockets/lenses of trapped surface drainage may be present. | Low permeability drift deposits.  |
| Solid Geology: (Middle Coal Measures)   | Anticipated to be c.>100m.                                                                                                                   | Anticipated to be c.>100m bgl.                                                                                                                   | Likely to be present at depth.                             | Minor Aquifer.                    |

### 5.2 Geotechnical Considerations: -

A summary of potential foundation options available for the proposed structures can be seen in Table 5.3.1 below.

Table 5.3.1

| Foundation Type       | Anticipated Depth / Bearing Strata                                                               | Max. Allowable Bearing Pressure #                                | Comments                                                                                                                                |
|-----------------------|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Strip & Pad.          | Generally anticipated to be up to c.3m bgl. (min 0.75m bgl) based within natural drift deposits. | Anticipated to be c.80kN/m <sup>2</sup> – c.300kN/m <sup>2</sup> | Deeper excavations may be required if significant areas of made ground are encountered below the footprint of the proposed development. |
| Rafted / Semi-Rafted. | Generally 0.60m bgl. based in made ground or within natural strata.                              | c.40kN/m <sup>2</sup> - c.75kN/m <sup>2</sup>                    | Should be based on a minimum of 300mm of subbase and geotextile reinforcement                                                           |
| Ground Improvement.   | Determine from Ground Investigation.                                                             | Determine from Ground Investigation.                             | May be utilised, providing that no significant 'organic' deposits are encountered below the site.                                       |
| Piled Foundations.    | c.>3m                                                                                            | As above                                                         | Unlikely to be required for this site.                                                                                                  |

bgl – Below finished ground level, bgl – Below current ground level, # = Maximum allowable bearing pressures should always be accurately determined from intrusive ground investigation works.

## 5.0 Conceptual Site Model (Cont'd)

### 5.2 Geotechnical Considerations (Cont'd): -

A summary of the main potential geotechnical issues and hazards identified for this site can be found in Table 5.3.2 below, and should be considered prior and when future redevelopment is to take place.

Table 5.3.2

| Issue/Hazard                 | Present on Site? Y / N | Impact on Development                                                                                                                                                                                            |
|------------------------------|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Variable Made Ground         | Y                      | The depth of made ground across this site is generally anticipated to be up to c.2m, although, deeper zones (up to c.3.00m) may exist, if basements were historically present on site.                           |
| Relic Sub-surface Structures | Y                      | Relic foundations associated with former Church may be present on site. In addition, buried services may also be present below the site, i.e. drains, etc associated with the former Church.                     |
| Stability of Excavations     | Y                      | Zones of deep fill may be unstable and require adequate lateral support.                                                                                                                                         |
| Shallow Groundwater          | N                      | Shallow groundwater is not considered likely below the development area.                                                                                                                                         |
| Trapped Surface Water        | Y                      | Isolated pockets of trapped surface drainage should be anticipated.                                                                                                                                              |
| Control of Surface Drainage  | Y                      | Possibly partial control through existing surface drainage if present.                                                                                                                                           |
| Shallow Coal Workings        | N                      | The site is not deemed to be at risk from shallow coal mining activities.                                                                                                                                        |
| Shafts and Adits             | N                      | Not anticipated to be an issue for this site.                                                                                                                                                                    |
| Archaeological               | N                      | Given the age of the church, this may be an issue for this site - reference should be made to the LA for their comments. In addition, the remains of a Roman Fort recorded c.360m to the north-west of the site. |
| Flooding                     | N                      | The site is not considered to be at risk from significant flooding, (see Section 3.4 Site Hydrology for further information) – as a result reference should be made to the EA & LA for their comments.           |

### 5.3 Ground Contamination (Sources): -

A summary of potential sources of ground contamination for the site can be seen in Table 5.4 below.

Table 5.4

| Source(s)                 | Type                                                                    | Affected Area(s) of Site | Potential Contaminants                                                                                                                                                                                                                                          |
|---------------------------|-------------------------------------------------------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Generic Made Ground       | Disturbed natural deposits with anthropogenic debris.                   | Whole of the site.       | Toxic and Phytotoxic analytes with some organic and non-organic compounds – typically: Arsenic, Cadmium, Chromium, Lead, Mercury, Selenium, Nickel, Cyanide & Sulphate. pH values should also be determined. Asbestos containing materials may also be present. |
| 'Hot Spots'               | None known or recorded for this site.                                   | Not applicable.          | No 'Hot spots' are envisaged due to the lack of historical sources.                                                                                                                                                                                             |
| AST's                     | None known or recorded for this site.                                   | Not applicable.          | As above.                                                                                                                                                                                                                                                       |
| UST's                     | None known or recorded for this site.                                   | Not applicable.          | As above.                                                                                                                                                                                                                                                       |
| Contaminated Water/Liquid | Pockets and lenses of 'pore' water within made ground materials.        | Not applicable.          | No potential sources of ground contamination have been noted onsite. Consequently the potential presence of contaminated water/liquid is deemed to be low.                                                                                                      |
| Groundwater               | Anticipated to be present within the underlying natural drift deposits. | Not applicable.          | ~                                                                                                                                                                                                                                                               |
| Adjacent Sites            | Soil, gas and groundwater migration.                                    | Not applicable.          | No potential sources of ground contamination/ground gases have been noted onsite or within the close proximity of the site.                                                                                                                                     |

## 5.0 Conceptual Site Model (Cont'd)

### 5.4 Migration Pathways: -

A summary of the potential migration pathways for this site can be seen in Table 5.5 below.

Table 5.5

| Migration Pathway     | Available for Site / Plausible Route | Comments                                                                                                                                 |
|-----------------------|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Ingestion             | Yes – soil and dust.                 | End use classification based on <i>Residential with Plant Uptake</i> .                                                                   |
| Dermal/Direct Contact | Yes.                                 | See above.                                                                                                                               |
| Plant Uptake          | Yes.                                 | Through gardens and areas of soft landscaping / vegetation cover.                                                                        |
| Wind Blown Particles  | Yes.                                 | Where sources are exposed at surface level.                                                                                              |
| Vapours               | Yes.                                 | If volatile or semi-volatile contaminants are present – Not anticipated to be an issue for this site.                                    |
| Leaching from soils   | Yes.                                 | Where sources are exposed to surface water infiltration. – No sources are anticipated for this site.                                     |
| Groundwater Flow      | No.                                  | Not considered a plausible route for contaminant migration since groundwater is only likely to be present at depth below this site.      |
| Gas                   | No.                                  | No significant on-site or off-site sources are anticipated for this site. Any made ground is unlikely to include biodegradable deposits. |

### 5.5 Sensitive Receptors: -

A summary of the potentially sensitive receptors for this site can be seen in Table 5.6 below.

Table 5.6

| Sensitive Receptor               | Present for this Site | Comments                                                                                                                                                                                                                                                      |
|----------------------------------|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Current Site Users               | No.                   | The site is currently vacant.                                                                                                                                                                                                                                 |
| Trespassers                      | Yes.                  | Although access to the site is unhindered no significant sources of ground contamination are anticipated and exposure periods will be minimal.                                                                                                                |
| Future Site Users                | Yes.                  | Site is to be developed for residential use.                                                                                                                                                                                                                  |
| Construction Workforce           | Yes.                  | Construction workforce will be potentially at risk, although exposure periods will be relatively short.                                                                                                                                                       |
| Controlled Waters: Surface water | No.                   | None recorded within a plausible distance from the site.                                                                                                                                                                                                      |
| Controlled Waters: Groundwater   | No.                   | Groundwater is anticipated to be present at depth within the solid geology. Due to the low permeable nature of the overlying drift deposits, and the lack of contaminative uses on this site, the risk to groundwater is considered to be low.                |
| Building Materials               | Yes.                  | Future building materials are unlikely to be at risk although pH and water soluble sulphate (SO <sub>4</sub> ) screening should be undertaken on representative samples of the made ground in order to classify concrete for foundations and buried concrete. |
| Adjacent Sites                   | Yes.                  | Adjacent sites may be at risk if on site contaminants are sufficiently mobile and / or plausible migration pathways are available. However the risk is considered to be low taking into account the recorded site history.                                    |
| Future Vegetation Cover          | Yes.                  | Gardens and areas of soft landscaping will need to take into account the levels of contaminants present on site.                                                                                                                                              |

## 5.0 Conceptual Site Model (Cont'd)

### 5.6 Conceptual Exposure Model (Proposed Development): -

When considering the existing site, a Preliminary Conceptual Site Model (CSM) and Conceptual Exposure Model (CEM), identifying the future *source-pathway-receptor* linkage for any ground contamination present, has been developed for this site which is summarised in Appendix V, and Table 5.7 below.

Similarly, if a change in the end use occurs, then a reassessment of the *source-pathway-receptor* pollutant linkage should be carried out.

Table 5.7

| Source(s)                       | Pathway(s)                                                                                                          |                                                           | Receptor(s)                            | Route Available? | Comments<br>Site Classification:<br><i>Residential with Plant Uptake</i>                                               |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------|------------------|------------------------------------------------------------------------------------------------------------------------|
|                                 | Transportation Mechanisms                                                                                           | Exposure Medium                                           |                                        |                  |                                                                                                                        |
| Made Ground (Whole of the site) | Direct contact                                                                                                      | SOIL:<br>Ingestion,<br>Dermal Contact &<br>plant uptake   | End Users                              | YES (Limited)    | Pollutant linkage (PL) available in areas of soft landscaping.                                                         |
|                                 |                                                                                                                     |                                                           | Construction Workforce                 | YES              | During any construction standard PPE will be required.                                                                 |
|                                 |                                                                                                                     |                                                           | Building materials                     | YES              | Possible aggression where materials come into contact with made ground (i.e. foundations).                             |
| Made Ground (Whole of the site) | Wind / Volatilisation                                                                                               | AIR:<br>Inhalation of vapour and direct contact with dust | End Users                              | YES (Limited)    | Pollutant linkage (PL) available in areas of soft landscaping                                                          |
|                                 |                                                                                                                     |                                                           | Construction Workforce                 | YES              | During any construction work standard PPE will be required.                                                            |
| Ground Gas (Whole of site)      | Ground Gas                                                                                                          | AIR:<br>Asphyxiation and potentially explosive gasses.    | End Users                              | YES              | No on-site or off-site sources have been identified for this site.                                                     |
| Made Ground (Whole of the site) | Surface infiltration / leaching & direct discharge from damaged surface drainage and existing foul drainage system. | WATER:<br>Adjacent sites, surface water features.         | Adjacent sites, surface water features | YES (Limited)    | Pollutant linkage (PL) available where no hard cover is present or leaking drainage allows surface water infiltration. |

## 6.0 Conclusions and Recommendations

### 6.1 Qualitative Geotechnical Risk Assessment: -

A summary of the anticipated potential risks associated with the geotechnical issues and hazards identified for this site can be seen in Table 6.1 on the following page.

## 6.0 Conclusions and Recommendations (Cont'd)

### 6.1 Qualitative Geotechnical Risk Assessment (Cont'd)

The following general definitions for the allocated level of risk(s) are as follows:

NEGLIGIBLE: - Not considered to have an impact on the current use or proposed development of the site.

LOW: - Unlikely to have a significant impact on the current use or proposed development of the site.

MODERATE: - May have a significant impact on the current use or proposed development of the site.

HIGH: - Likely to have a significant impact on the current use or proposed development of the site.

**Table 6.1**

| Issue/Hazard                 | Level of Potential Risk | Comments                                                                                                                                                                                                                                                                    |
|------------------------------|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Foundation Options           | LOW - MODERATE.         | Refer to table 5.3.1, and comments on page 9 for available foundation options for new structures.                                                                                                                                                                           |
| Made Ground                  | LOW - MODERATE.         | Made ground is anticipated to be present on site associated with the development of the Church historically recorded on site. If deeper zones of made ground are present, associated with former basements these may have a significant impact on the proposed development. |
| Relic sub-surface structures | LOW                     | Relic foundations associated with the former Church on site may be present. In addition buried services are anticipated to be present below the site, i.e. drains, etc associated with the former Church.                                                                   |
| Stability of excavations     | LOW - MODERATE          | Lateral support anticipated for all excavations below 1.20m.                                                                                                                                                                                                                |
| Shallow Groundwater          | LOW.                    | Groundwater is anticipated to be present at depth within the solid geology.                                                                                                                                                                                                 |
| Trapped Surface Water        | LOW - MODERATE.         | Infilled basements may act as a sump for surface water (if present) – should be easily dealt with using temporary pumping, if necessary.                                                                                                                                    |
| Control of Surface Drainage  | LOW.                    | Standard surface drainage systems should prove adequate.                                                                                                                                                                                                                    |
| Shallow Coal Workings        | LOW.                    | The site is not considered to be at risk from shallow coal mining activities.                                                                                                                                                                                               |
| Shafts and Adits             | NEGLIGIBLE.             | No evidence of shafts or adits affecting this site.                                                                                                                                                                                                                         |
| Archaeological               | LOW.                    | Reference shown be made to the LA for their comments due to the site history and also the remains of a Roman Fort being recorded to the north-west.                                                                                                                         |
| Flooding                     | LOW.                    | 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.                                  |

At this stage, taking into account all the above issues, the site has been assessed as having an overall **LOW – MODERATE** geotechnical risk.

### 6.2 Qualitative Ground Contamination Risk Assessment: -

As can be seen from the CEM in Section 5.6, there are some direct and / or indirect pollutant linkages and pathways available, for the potential sources of ground contamination present within areas of this site, reaching potentially sensitive receptor(s). The site will be assessed based upon a final end use classification of *Residential with Plant Uptake*.

A summary of the anticipated potential level of risk associated with the potential ground contamination on this site can be seen in Table 6.2 on the following page.

## 6.0 Conclusions and Recommendations (Cont'd)

### 6.2 Qualitative Ground Contamination Risk Assessment (Cont'd): -

The following general definitions for the allocated qualitative level of risk(s) are as follows:

LOW: - Unlikely to have a significant impact on the current use or proposed development of the site.

MODERATE: - May have a significant impact on the current use or proposed development of the site.

HIGH: - Likely to have a significant impact on the current use or proposed development of the site.

**Table 6.2**

| Category                              | Level of Potential Risk | Comments                                                                                                                                                                                                                                                   |
|---------------------------------------|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>HUMAN HEALTH:</b>                  |                         |                                                                                                                                                                                                                                                            |
| Current Site Users:                   | LOW.                    | The site is currently vacant.                                                                                                                                                                                                                              |
| Future End Users:                     | LOW.                    | Due to the lack of historic contaminative land use/processes, at this stage the risk towards the end users (residents) is considered low.                                                                                                                  |
| Construction Workforce                | LOW.                    | Main contractor should carry out risk assessment once site data is available.                                                                                                                                                                              |
| Soil Gases                            | NEGLIGIBLE.             | The site is not deemed to be at risk from hazardous ground gases due to no significant on-site or off-site sources being present.                                                                                                                          |
| <b>CONTROLLED WATERS:</b>             |                         |                                                                                                                                                                                                                                                            |
| Leaching from soils                   | LOW.                    | Some elevated levels of contaminants may be present depending upon the nature of the fill materials. However, any made ground will be underlain by relatively impermeable drift deposits (i.e. Boulder Clay) significantly restricting vertical migration. |
| Leaching from hot spots, AST's, etc.  | LOW.                    | Not anticipated to be an issue for this site.                                                                                                                                                                                                              |
| Contaminated Groundwater              | LOW.                    | As above.                                                                                                                                                                                                                                                  |
| <b>OFF SITE DISPOSAL TO LANDFILL:</b> | LOW - MODERATE.         | Once waste materials have been identified for disposal to landfill, full Waste Acceptance Criteria (WAC) testing should be carried out.                                                                                                                    |
| <b>CONSTRUCTION MATERIALS:</b>        | LOW.                    | Sulphate resisting concrete may be required where they come into contact with the made ground or any ground contamination.                                                                                                                                 |
| <b>LANDSCAPE VEGETATION:</b>          | LOW.                    | Selection of tolerant species may be required – can be assessed by Landscape Consultants following results of intrusive investigation works.                                                                                                               |

At this stage, taking into account all the above issues the site has been assessed as having an overall **LOW** level of risk associated with ground conditions on this site.

## 6.0 Conclusions and Recommendations (Cont'd)

### 6.3 Summary of Legislative & Regulatory Considerations: -

Table 6.3

|                                                                        |                                                                                                                                                                                                                                                    |
|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PART IIIA – EPA (1990)</b>                                          | It is considered unlikely that this site would be designated as 'Contaminated Land'. Reference can be made to the Local Authority for their comments.                                                                                              |
| <b>Section 147 EPA (1990)</b>                                          | At present no known problems associated with statutory nuisances. Provided satisfactory remediation is carried out if required and good 'housekeeping' is observed, no future problems are anticipated.                                            |
| <b>Water Resources Act (1991) &amp; Groundwater Regulations (1998)</b> | At present no recorded or detected pollution incidents have occurred on site. Future liabilities should be negligible if satisfactory remediation is carried out where required and good 'housekeeping' is maintained.                             |
| <b>Common Law (Trespass)</b>                                           | At present no recorded or detected problems arising from this site. Future liabilities should be negligible provided satisfactory remediation is carried out, if required and good 'housekeeping' is maintained.                                   |
| <b>Radon Gas</b>                                                       | This site does not lie within an area generally recognised as requiring Radon Protection Measures or a geological assessment.                                                                                                                      |
| <b>Landfill Gas</b>                                                    | The site is not deemed to be at risk from hazardous ground gases due to no significant on-site or off-site sources being present.                                                                                                                  |
| <b>Flooding</b>                                                        | The site is not shown to lie in an area considered to be at significant risk from flooding from rivers or the sea. However, reference should be made to the EA and LA for their comments relating to localised standing water and flooding issues. |

### 6.4 Recommendations for Phase 2: Ground Investigation: -

The recommendations for Phase 2: Ground Investigation works are as follows;

Table 6.3

| <b>Item</b>                            | <b>Remarks/Scope</b>                                                                                                                                                                                                                                                                                                           |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Trial Pits:</b>                     | A series of strategically positioned mechanically excavated trial pits to determine the nature of the underlying ground conditions including relevant in-situ geotechnical testing (i.e. hand shear vane, CBR's where appropriate). The former building footprint should be targeted to assess whether basements were present. |
| <b>Boreholes (Sampling):</b>           | Not Required.                                                                                                                                                                                                                                                                                                                  |
| <b>Boreholes (Rotary / coring):</b>    | Not Required.                                                                                                                                                                                                                                                                                                                  |
| <b>Groundwater Monitoring:</b>         | Not Required.                                                                                                                                                                                                                                                                                                                  |
| <b>Gas Monitoring:</b>                 | Not anticipated - To be assessed during fieldworks stage.                                                                                                                                                                                                                                                                      |
| <b>Ground Contamination</b>            | Samples for end use risk assessment and for off-site disposal classification. Leachate testing on selected samples is also recommended.                                                                                                                                                                                        |
| <b>Level 1 Risk Assessment (CLEA):</b> | Required as a minimum if elevated levels of contaminants are recorded.                                                                                                                                                                                                                                                         |
| <b>Off Site Disposal:</b>              | Materials that have been identified for removal off site as a waste, may require further testing in order to classify these materials for disposal.                                                                                                                                                                            |
| <b>Reporting, etc.</b>                 | Supervision of works, full interpretative reporting, i.e. Phase 2: Ground Investigation report.                                                                                                                                                                                                                                |

**End of Report**

## GENERAL REFERENCES

- British Geological Survey: Maps, Reports, Memoirs, etc.  
BGS Sheet 15, Tynemouth, 1:50,000 Series Solid & Drift Editions
- Landmark Information Group – Envirocheck Report – 255646215-1-1
- D.o.E. - Contaminated Land Reports, CLR 1 – 6 1994 & 1995 & CLR 7 – 11, 2002 onwards
- BS10175:2000: Code of Practice for the Investigation of Potentially Contaminated Sites
- BS5930:1999: Code of Practice for Site Investigations
- Guidance on Investigation and Assessment for Contaminated Sites (CIRIA SP:103)
- Methane and Associated Hazards to Construction - CIRIA Reports 149, 150, 151 & 152
- Waste Management Paper No. 27 - D.o.E
- Assessing Risks Posed by Hazardous Ground Gases to Buildings, CIRIA C665, 2007
- BS 8485:2007: Code of Practice for the Characterisation and Remediation from Ground Gas in Affected Developments
- BR211 (2007), Radon: Guidance on protective measures for new dwellings
- David Bellis Coal Mining Search Report – 225365
- <http://www.metoffice.co.uk/>
- <http://www.dmm2.org.uk/>

## APPENDIX I

Site Location Plans, Aerial Photograph,  
Existing Site Layout Plan & Proposed Site Layout Plan



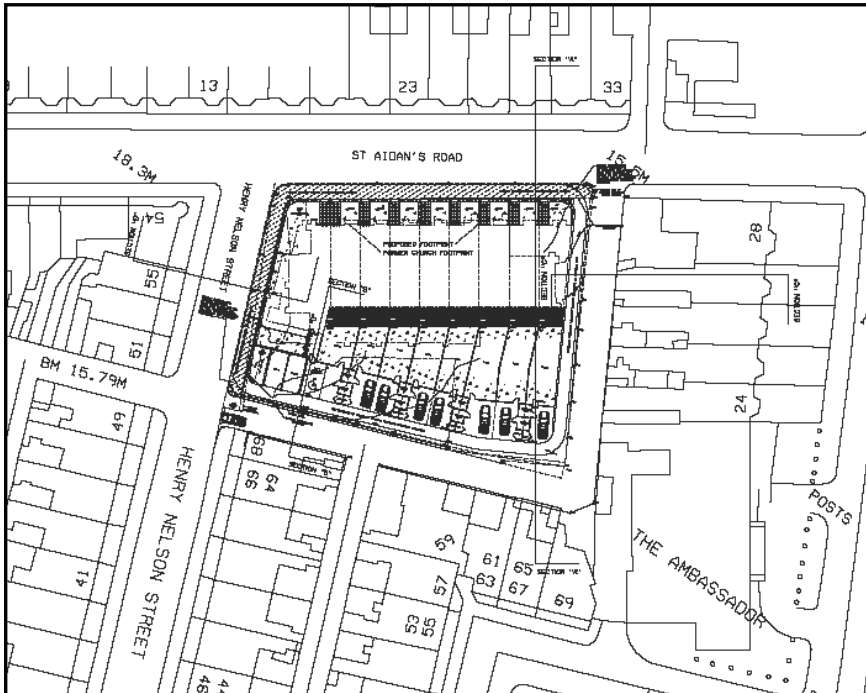
Site Location Plans



### Existing Site Layout Plan

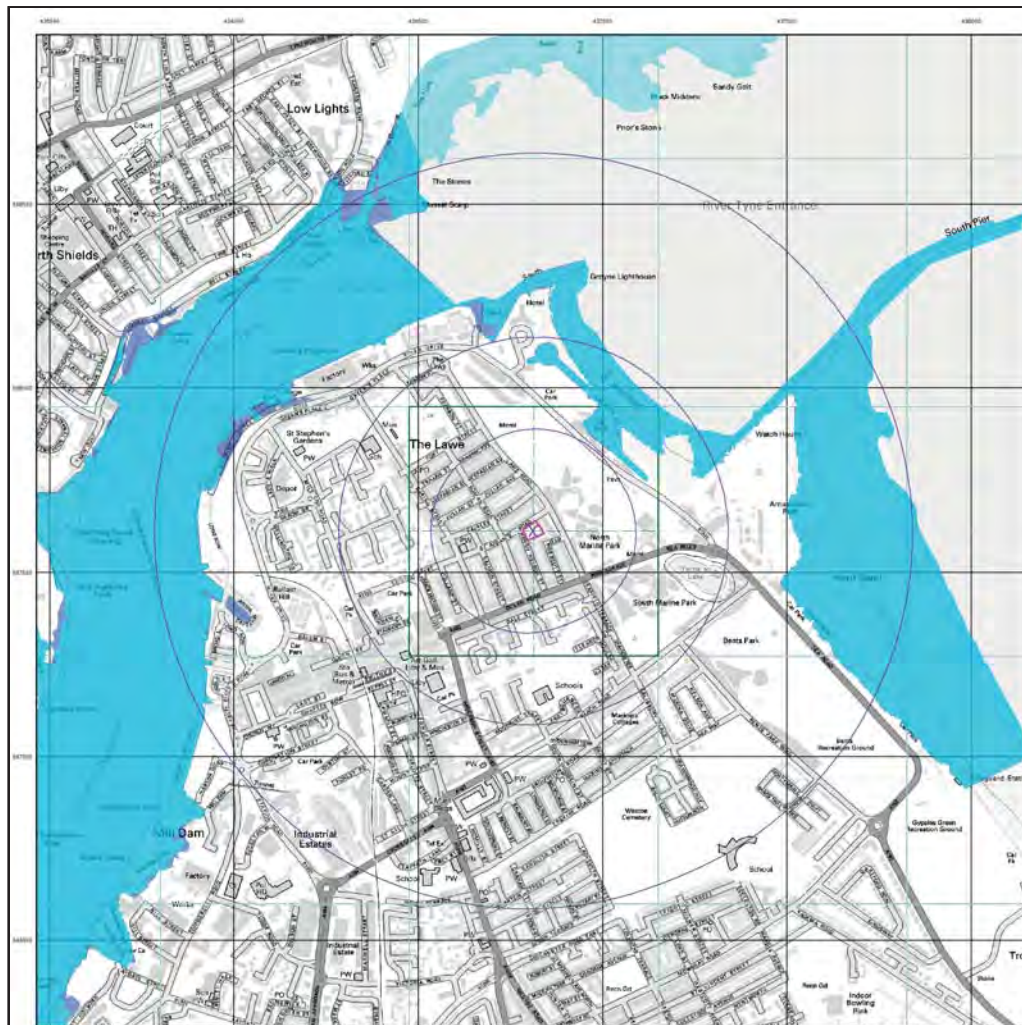
## APPENDIX II

### Envirocheck Report



**Proposed Site Layout Plan**





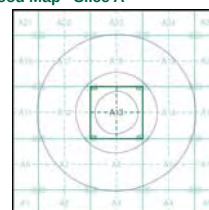
#### General

- 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 Breaching from Flood Defence
- Flood Water Storage Areas
- Flood Defence

#### Flood Map - Slice A



#### Order Details

Order Number: 25646215\_1\_1  
 Customer Ref: 08-329  
 National Grid Reference: 436810, 567610  
 Slice: A  
 Site Area (Ha): 0.17  
 Search Buffer (m): 1000

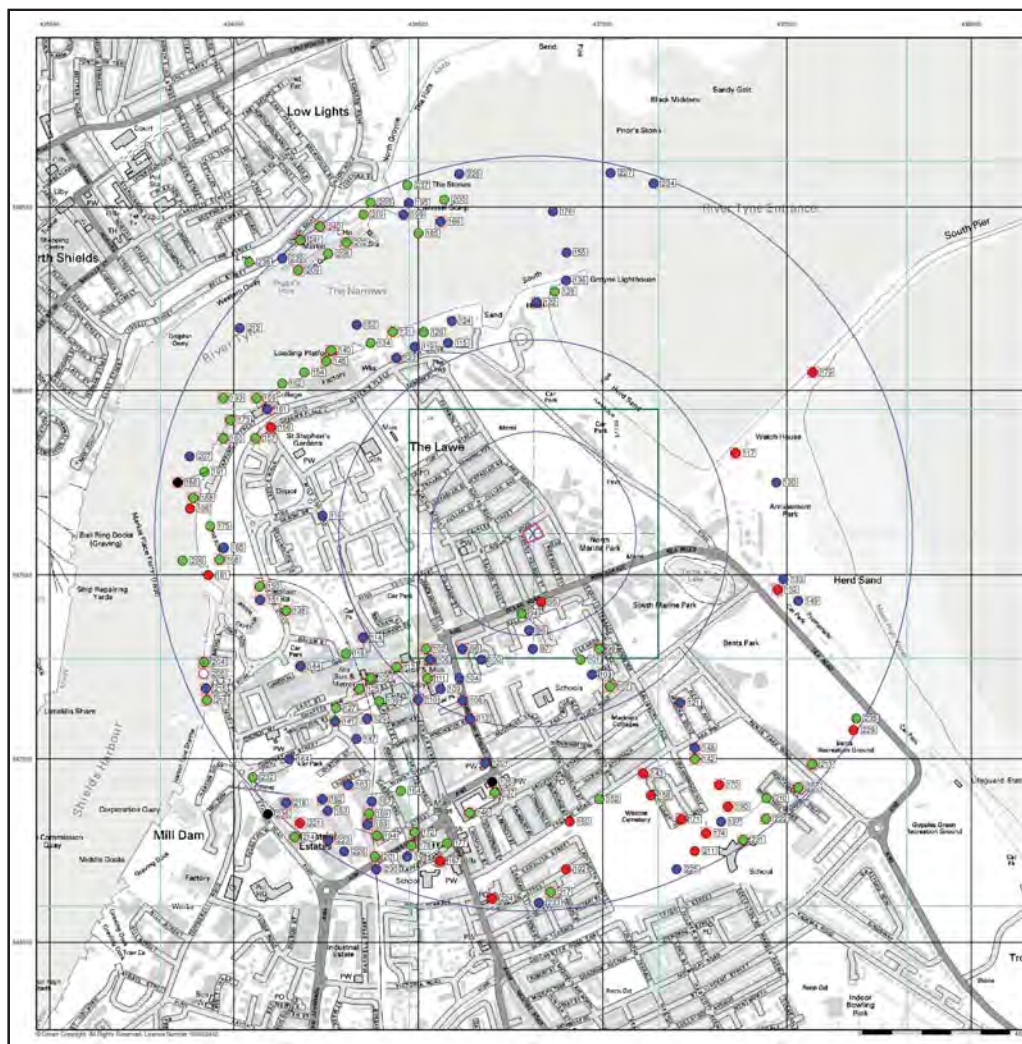
#### Site Details

59a, George Scott Street, South Shields, NE33 2JR



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

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#### General

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

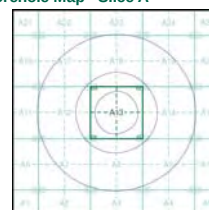
#### Agency and Hydrological (Boreholes)

- 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](http://www.envirocheck.co.uk).

#### Borehole Map - Slice A



#### Order Details

Order Number: 25646215\_1\_1  
 Customer Ref: 08-329  
 National Grid Reference: 436810, 567610  
 Slice: A  
 Site Area (Ha): 0.17  
 Search Buffer (m): 1000

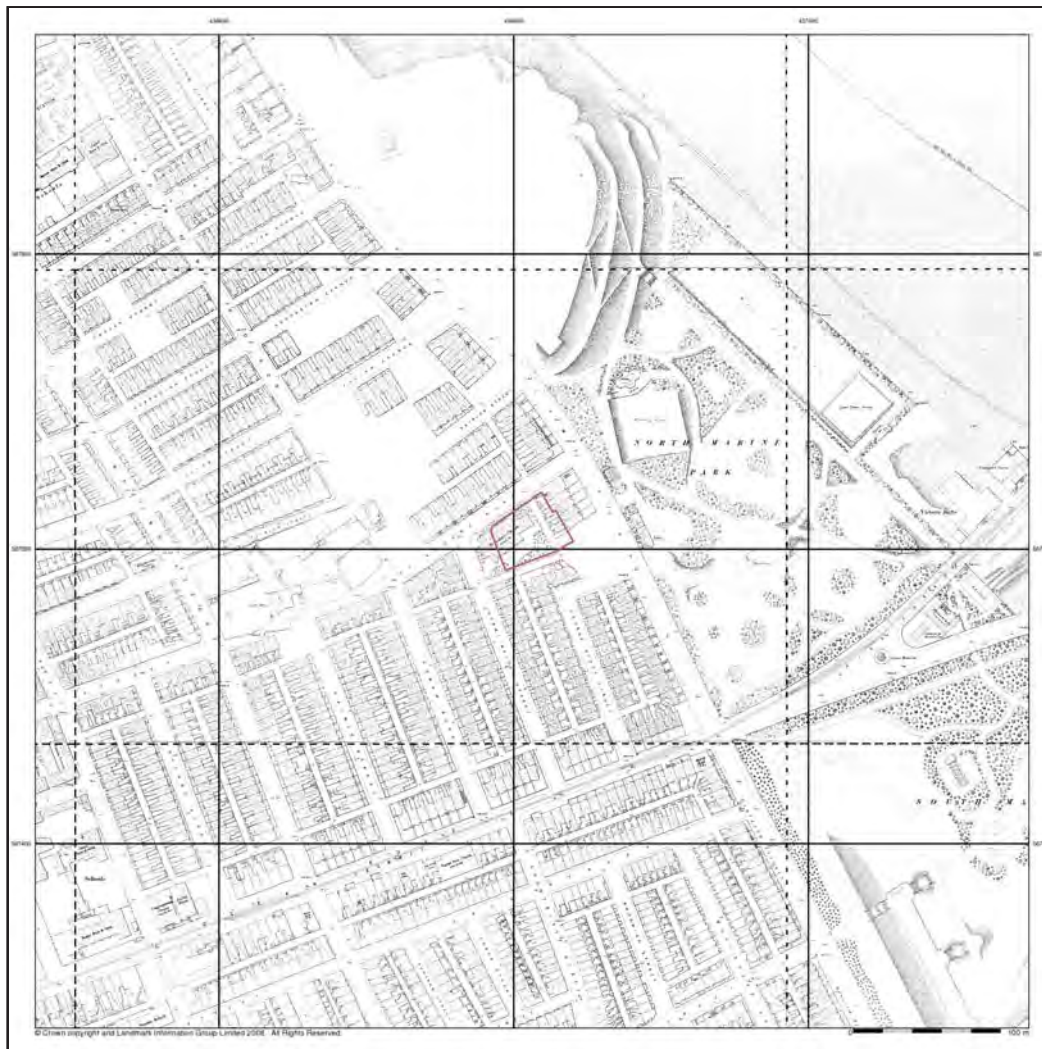
#### Site Details

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

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## Northumberland

Published 1896

Source map scale - 1:500

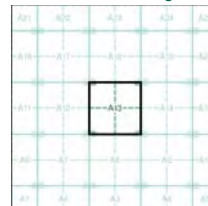
The 1:500 scale Ordnance Survey mapping was introduced in 1855 as a replacement for the 1:250 scale and to complement the 1:2500 scale that had been implemented in 1853. By 1895, the 1:500 scale covered most towns over a population of about 4000 at the time of survey, although very few towns were mapped more than once at this scale, and none have been since 1910. The 1:500 scale gives particular emphasis to such features as lamp posts, man holes, arched passages and minor building projections. Also often featured are divisions between tenements, interior ground floor layouts of public buildings, and on earlier plans, the functions of the various parts of larger industrial premises are also indicated. Content of the plans does vary however, from one town to the next in terms of, for example, the completeness of railway tracks and the coverage of public buildings.

Please note: Due to the partial coverage of Historical Town Plans, it is possible that not all segments within an order will contain mapping. Only the segments that have Town Plan coverage will be generated.

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

|            |            |            |
|------------|------------|------------|
| 000_00_031 | 000_00_032 | 000_00_033 |
| 1896       | 1896       | 1896       |
| 000_00_036 | 000_00_037 | 000_00_038 |
| 1896       | 1896       | 1896       |
| 000_00_041 | 000_00_042 | 000_00_043 |
| 1896       | 1896       | 1896       |

### Historical Town Plan - Segment A13



### Order Details

Order Number: 25646215\_1\_1  
 Customer Ref: 08-329  
 National Grid Reference: 436810, 567610  
 Slice: A  
 Site Area (Ha): 0.17  
 Search Buffer (m): 0

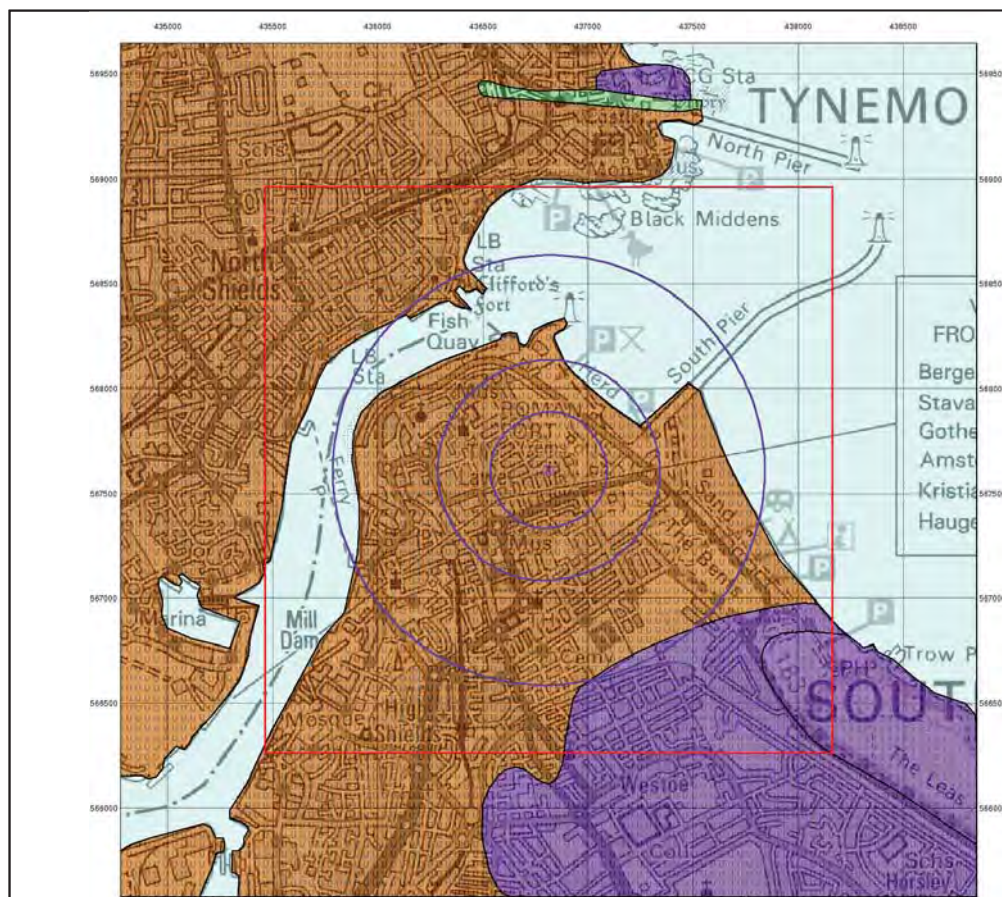
### Site Details

59a, George Scott Street, South Shields, NE33 2JR



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

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## Groundwater Vulnerability

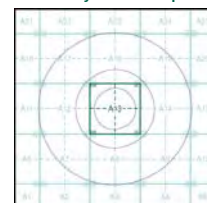
### General

Designated 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   |
| Minor Aquifer (Variably Permeable) | Intermediate (I) 1, 2 |
| Non Aquifer (Highly Permeable)     | Low                   |
| Water or Sea                       | High (H) 1, 2, 3, U   |
| Drift Deposit                      | Intermediate (I) 1, 2 |
|                                    | Low                   |

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 25646215\_1\_1  
 Customer Ref: 08-329  
 National Grid Reference: 436810, 567610  
 Slice: A  
 Site Area (Ha): 0.17  
 Search Buffer (m): 1000

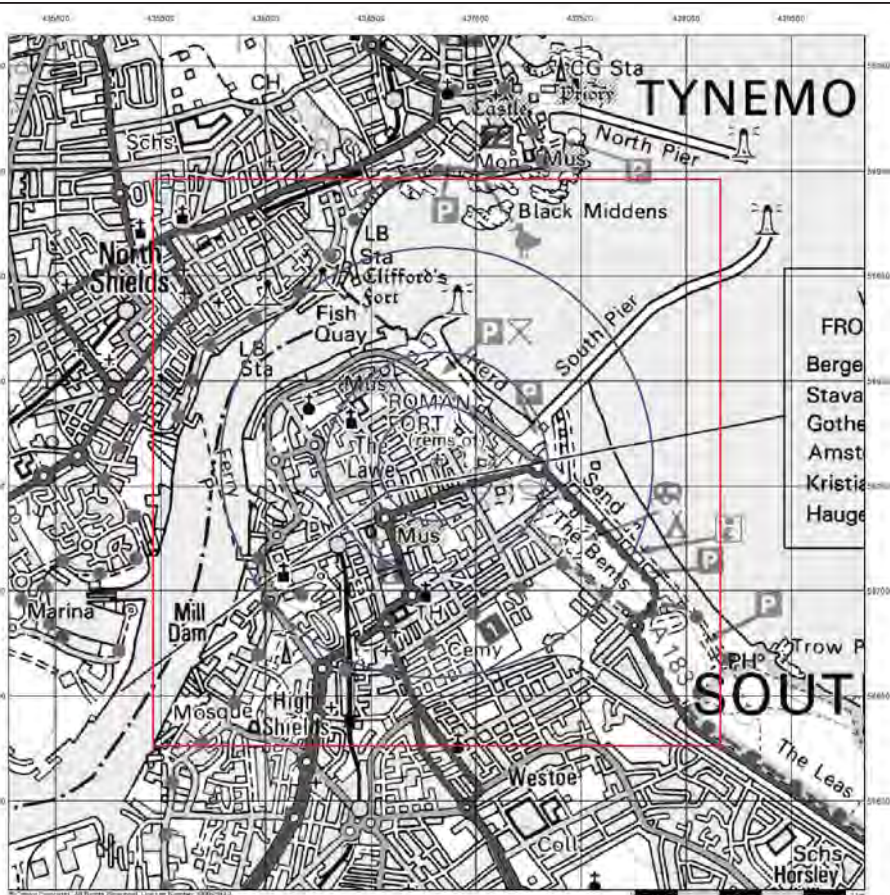
### Site Details

59a, George Scott Street, South Shields, NE33 2JR



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

A Landmark Information Group Service v2.3 18-Jun-2008 Page 1 of 3



## Source Protection Zones

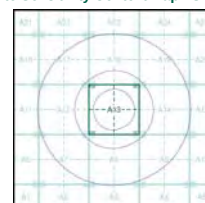
### General

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

### Agency and Hydrological

- Source Protection Zone I
- Source Protection Zone II
- Source Protection Zone III
- Zone of Special Interest
- Source Protection Zone Boundary

## Site Sensitivity Context Map - Slice A



### Order Details

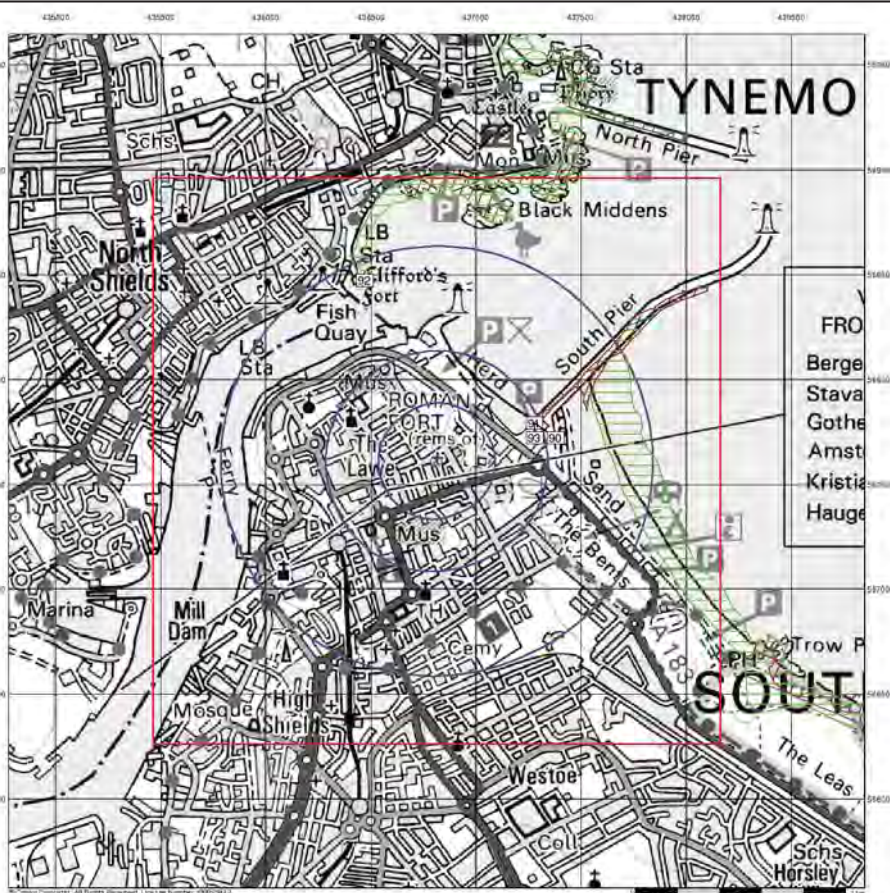
Order Number: 25646215\_1\_1  
 Customer Ref: 08-329  
 National Grid Reference: 436810, 567610  
 Slice: A  
 Site Area (Ha): 0.17  
 Search Buffer (m): 1000

### Site Details

59a, George Scott Street, South Shields, NE33 2JR



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



## Sensitive Land Uses

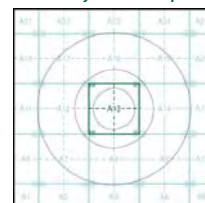
### General

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

### Sensitive Land Uses

- 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

## Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 25646215\_1\_1  
 Customer Ref: 08-329  
 National Grid Reference: 436810, 567610  
 Slice: A  
 Site Area (Ha): 0.17  
 Search Buffer (m): 1000

### Site Details

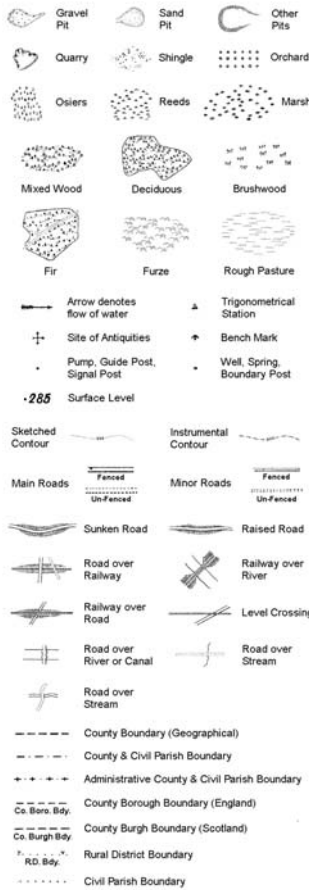
59a, George Scott Street, South Shields, NE33 2JR



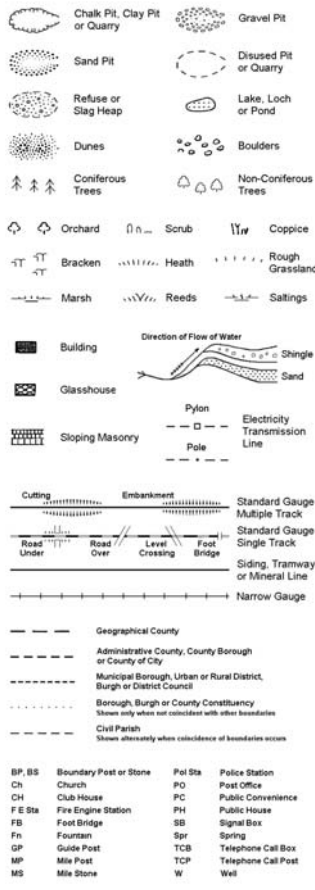
Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: www.envirocheck.co.uk

## Historical Mapping Legends

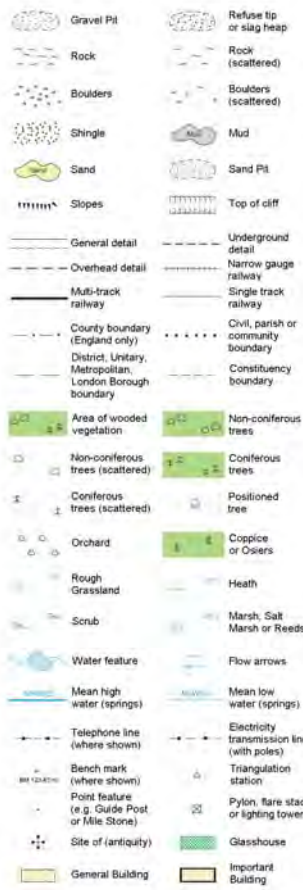
### Ordnance Survey County Series and Ordnance Survey Plan 1:10,560



### Ordnance Survey Plan 1:10,000



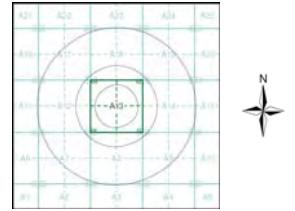
### 1:10,000 Raster Mapping



### Ordnance Survey mapping included:

| Mapping Type         | Scale    | Date        | Pg |
|----------------------|----------|-------------|----|
| Durham               | 1:10,560 | 1862        | 2  |
| Northumberland       | 1:10,560 | 1864 - 1865 | 3  |
| Durham               | 1:10,560 | 1898        | 4  |
| Northumberland       | 1:10,560 | 1899        | 5  |
| Durham               | 1:10,560 | 1921        | 6  |
| Northumberland       | 1:10,560 | 1938        | 7  |
| Durham               | 1:10,560 | 1938        | 8  |
| Ordnance Survey Plan | 1:10,560 | 1952        | 9  |
| Ordnance Survey Plan | 1:10,560 | 1967        | 10 |
| Ordnance Survey Plan | 1:10,000 | 1976        | 11 |
| Ordnance Survey Plan | 1:10,000 | 1986        | 12 |
| Ordnance Survey Plan | 1:10,000 | 1993        | 13 |
| 10K Raster Mapping   | 1:10,000 | 2000        | 14 |
| 10K Raster Mapping   | 1:10,000 | 2008        | 15 |

### Historical Map - Slice A



### Order Details

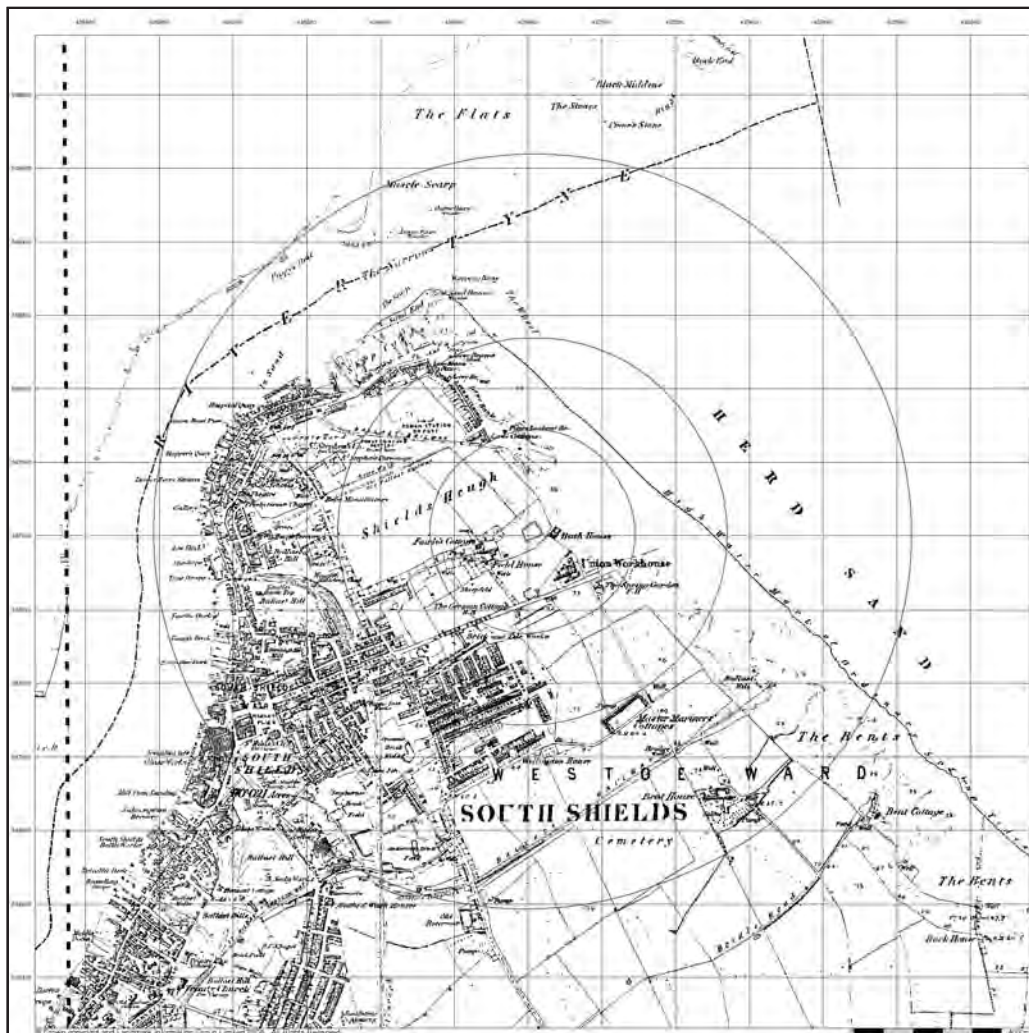
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Customer Ref: 08-329  
National Grid Reference: 436810, 567610  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 1000

### Site Details

59a, George Scott Street, South Shields, NE33 2JR



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### Durham

### Published 1862

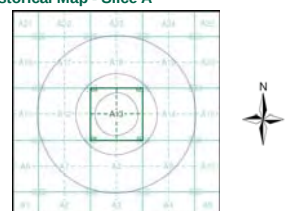
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. 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 1840'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

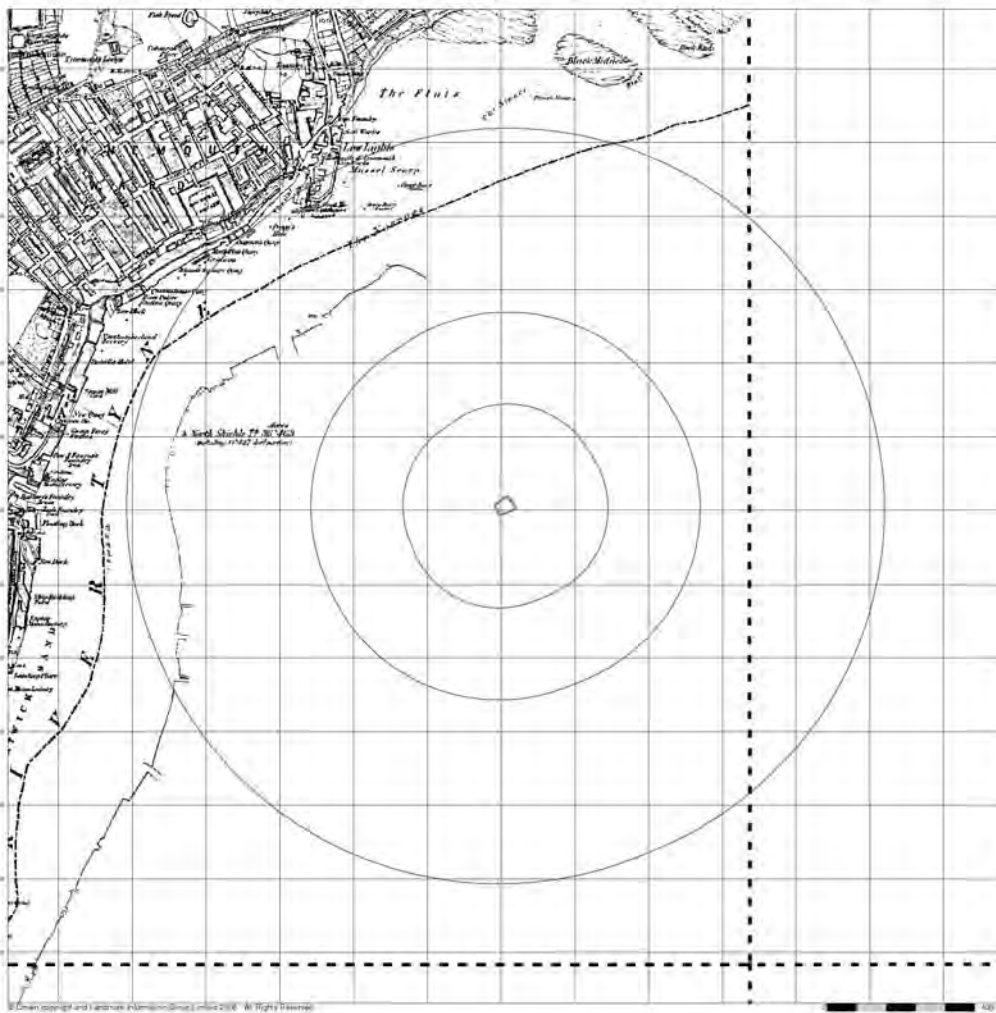
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Customer Ref: 08-329  
National Grid Reference: 436810, 567610  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 1000

### Site Details

59a, George Scott Street, South Shields, NE33 2JR



A Landmark Information Group Service v29.0 18-Jun-2008 Page 2 of 15



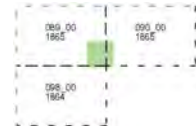
## Northumberland

Published 1864 - 1865

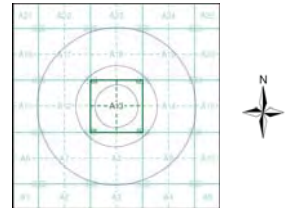
Source map scale - 1:10,560

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



## Historical Map - Slice A



## Order Details

Order Number: 25646215\_1\_1  
Customer Ref: 08-329  
National Grid Reference: 436810, 567610  
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Site Area (Ha): 0.17  
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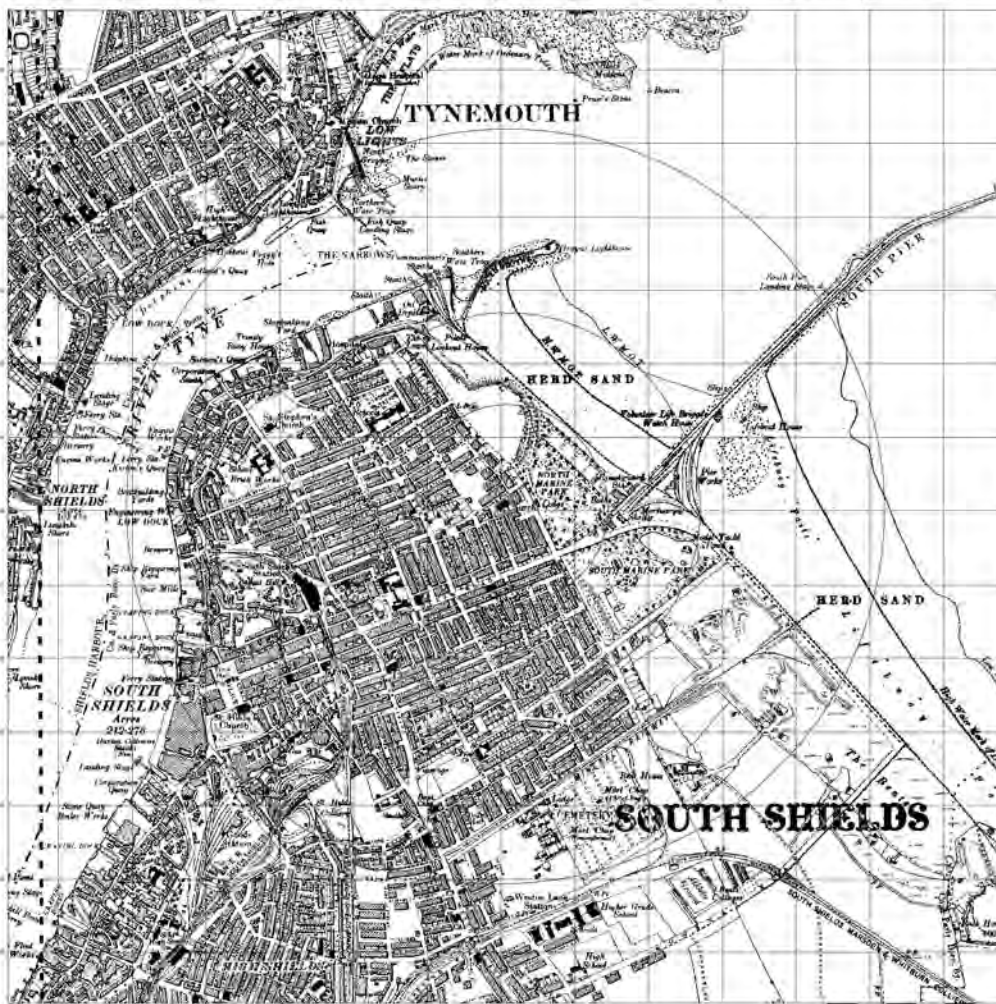
## Site Details

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Web: [www.emulocheck.co.uk](http://www.emulocheck.co.uk)

A Landmark Information Group Service v29.0 18-Jun-2008 Page 3 of 15



## Durham

Published 1898

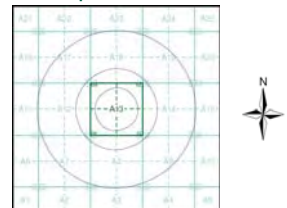
Source map scale - 1:10,560

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: 25646215\_1\_1  
Customer Ref: 08-329  
National Grid Reference: 436810, 567610  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 1000

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A Landmark Information Group Service v29.0 18-Jun-2008 Page 4 of 15



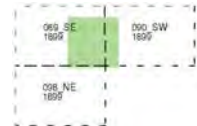
## Northumberland

Published 1899

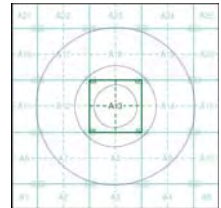
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. 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

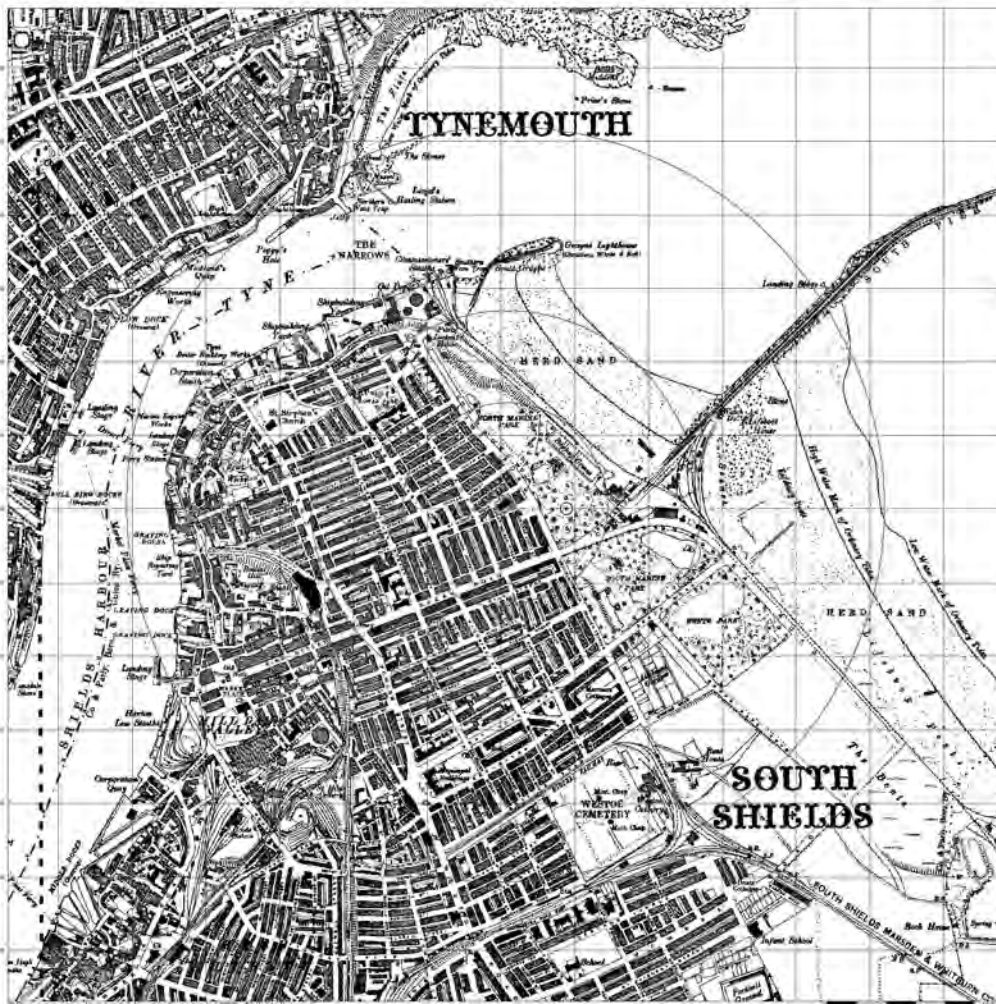
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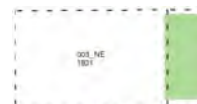
## Durham

Published 1921

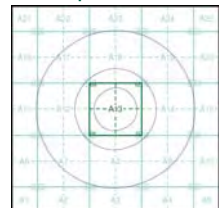
Source map scale - 1:10,560

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

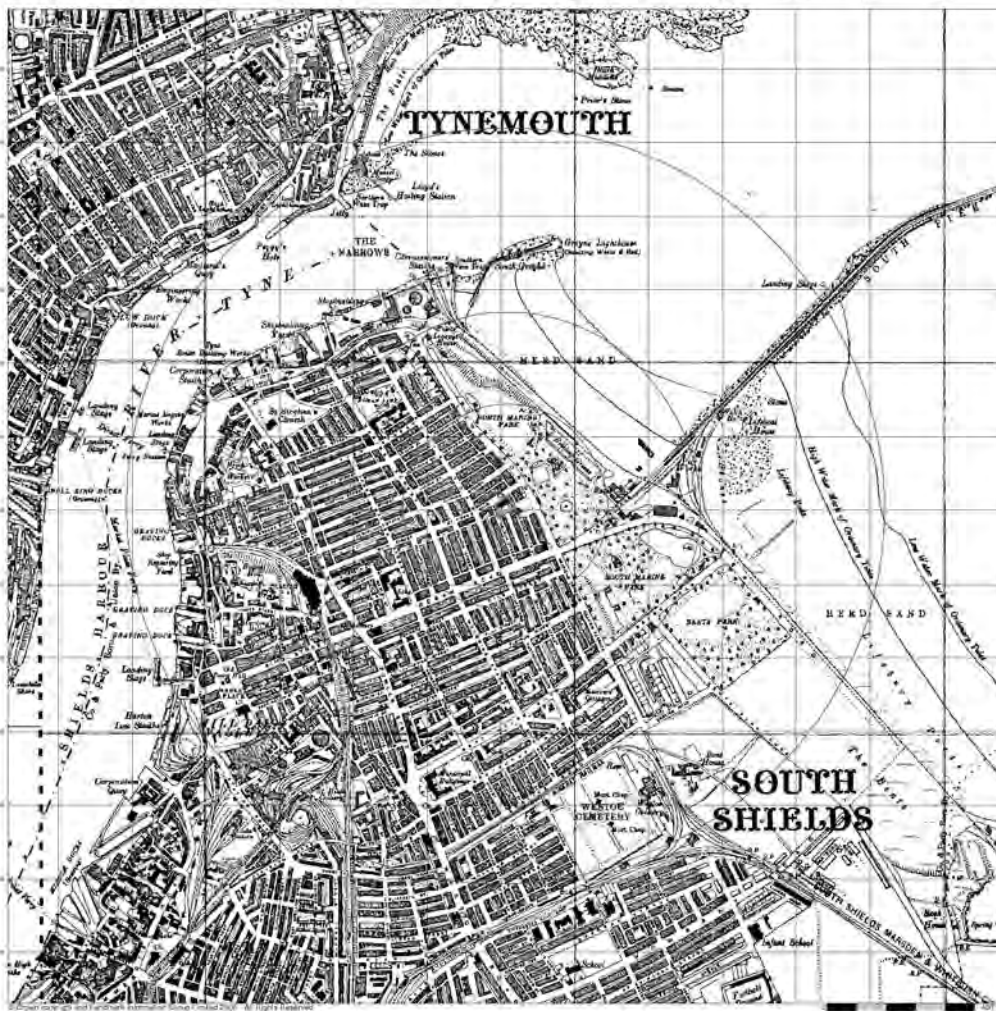
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## Northumberland

Published 1938

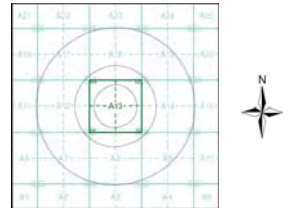
Source map scale - 1:10,560

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: 25646215\_1\_1  
Customer Ref: 08-329  
National Grid Reference: 436810, 567610  
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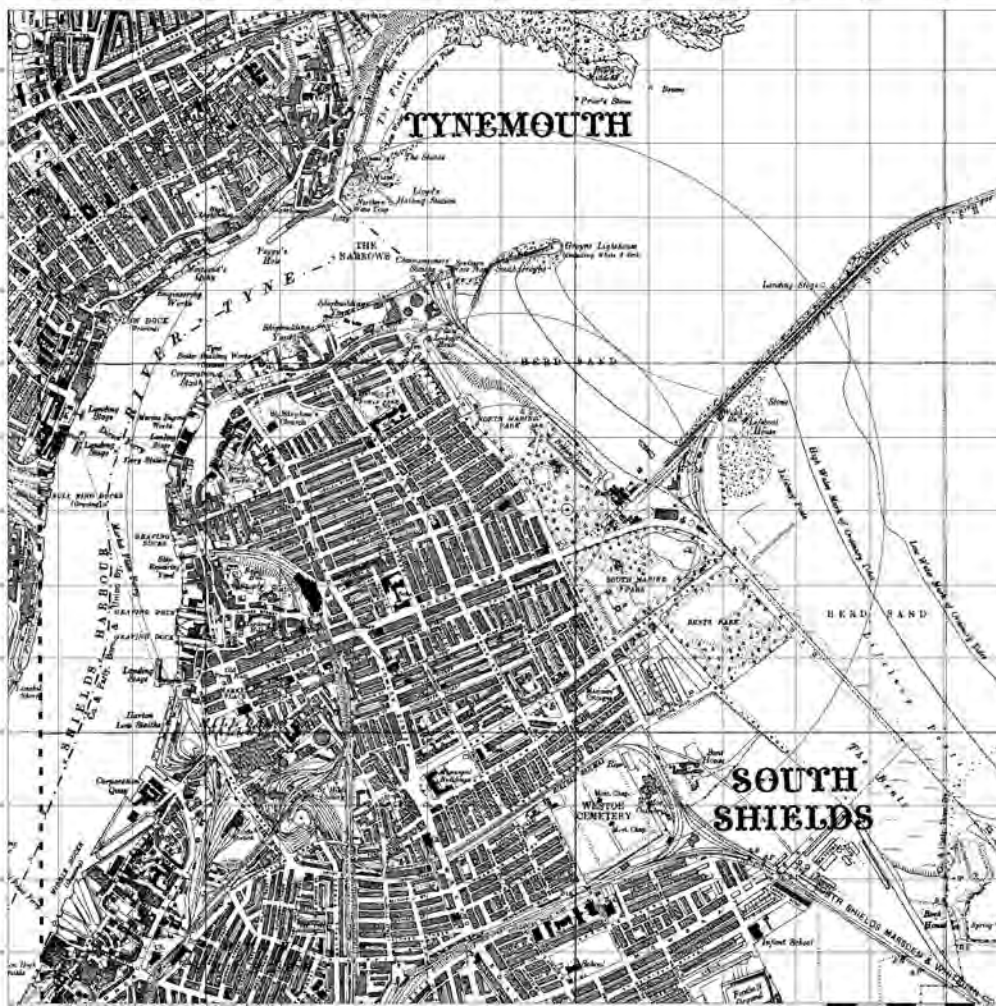
## Site Details

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## Durham

Published 1938

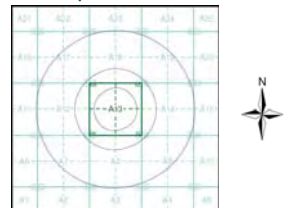
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## Map Name(s) and Date(s)



## Historical Map - Slice A



## Order Details

Order Number: 25646215\_1\_1  
Customer Ref: 08-329  
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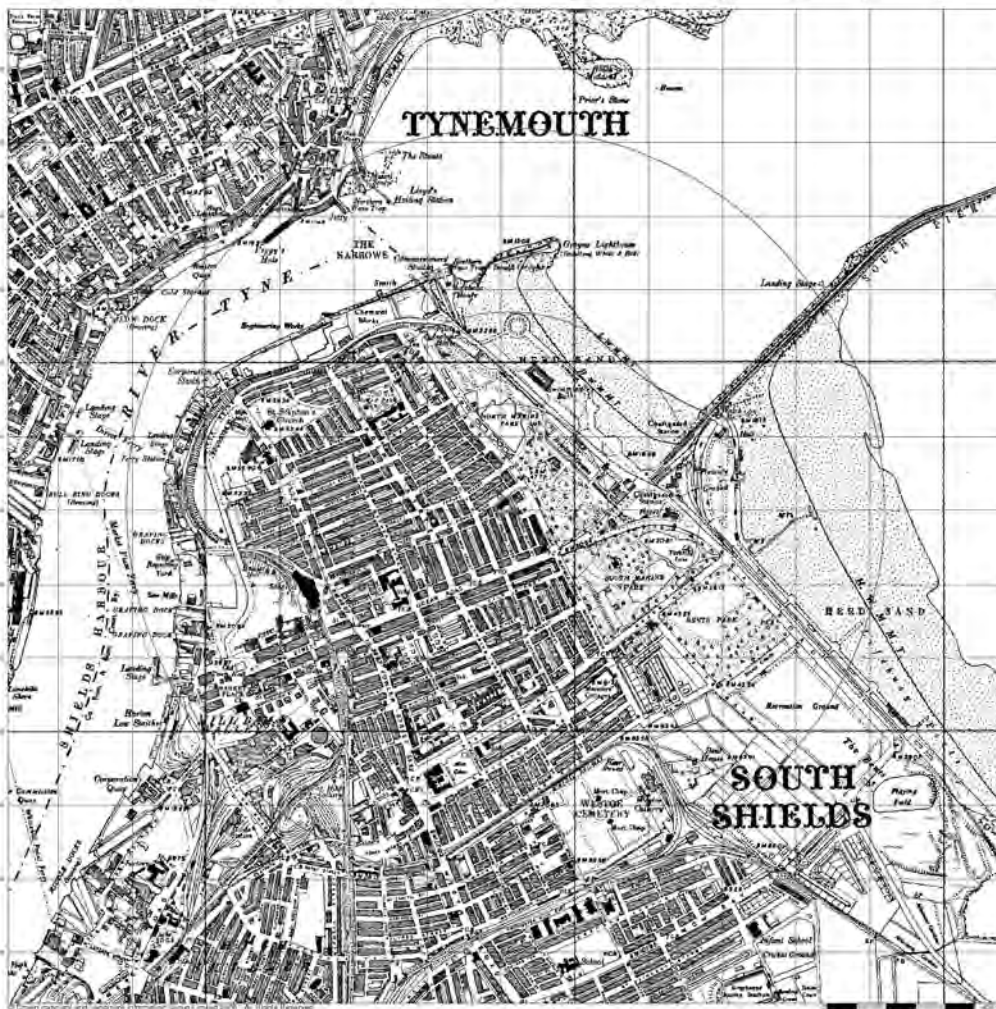
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## Ordnance Survey Plan

Published 1952

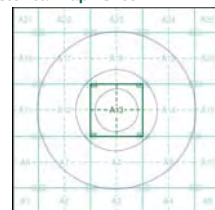
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## Map Name(s) and Date(s)



## Historical Map - Slice A



## Order Details

Order Number: 25646215\_1\_1  
Customer Ref: 08-329  
National Grid Reference: 436810, 567610  
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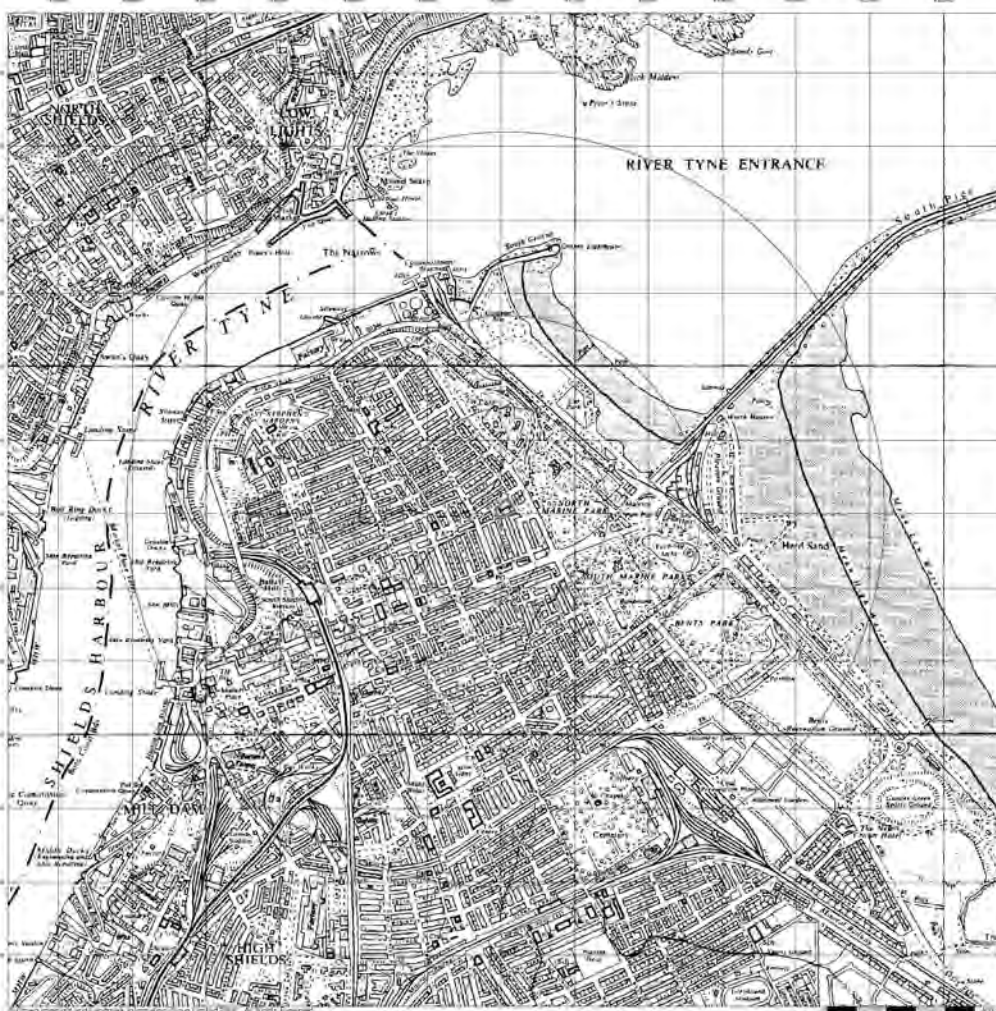
## Site Details

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

A Landmark Information Group Service v29.0 18-Jun-2008 Page 9 of 15



## Ordnance Survey Plan

Published 1967

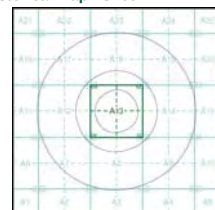
Source map scale - 1:10,560

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: 25646215\_1\_1  
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National Grid Reference: 436810, 567610  
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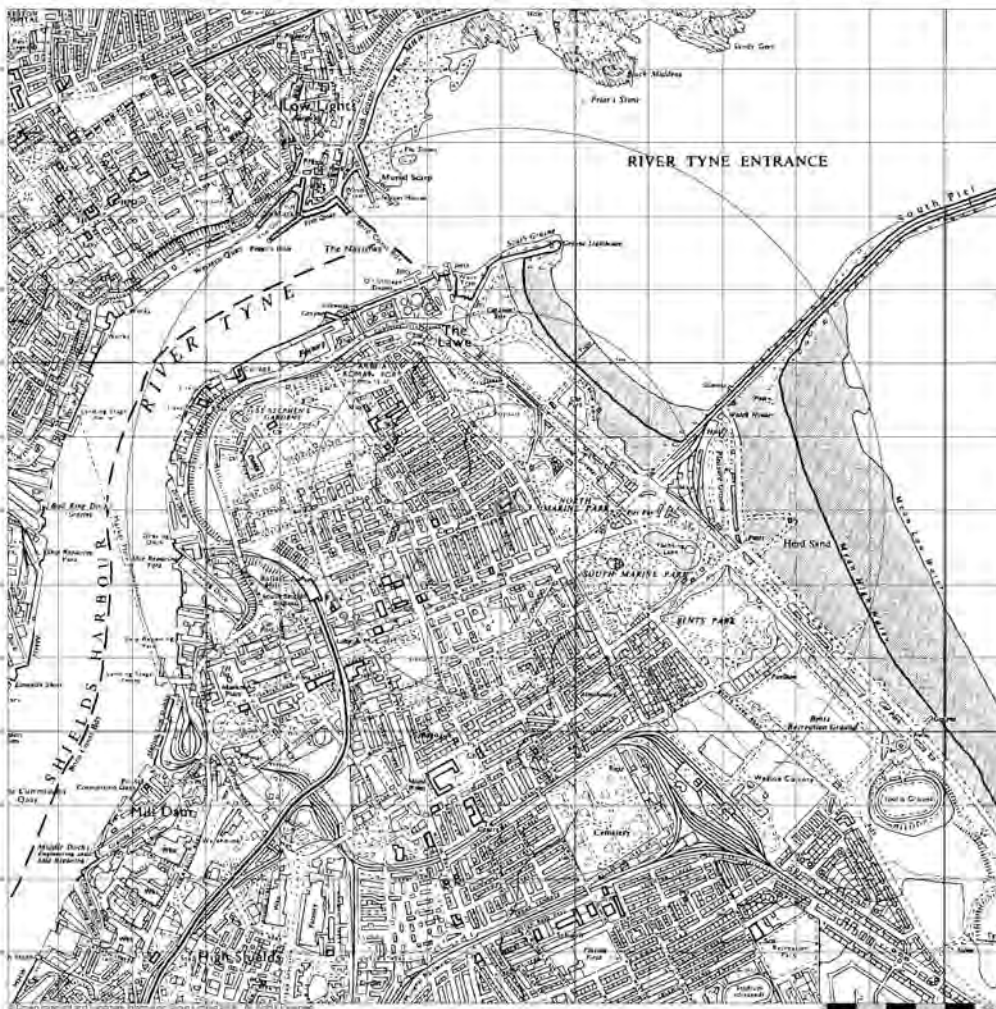
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## Ordnance Survey Plan

Published 1976

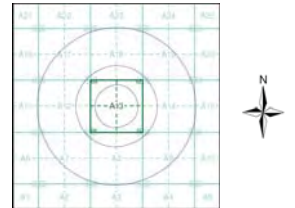
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. 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: 25646215\_1\_1  
Customer Ref: 08-329  
National Grid Reference: 436810, 567610  
Slice: A  
Site Area (Ha): 0.17  
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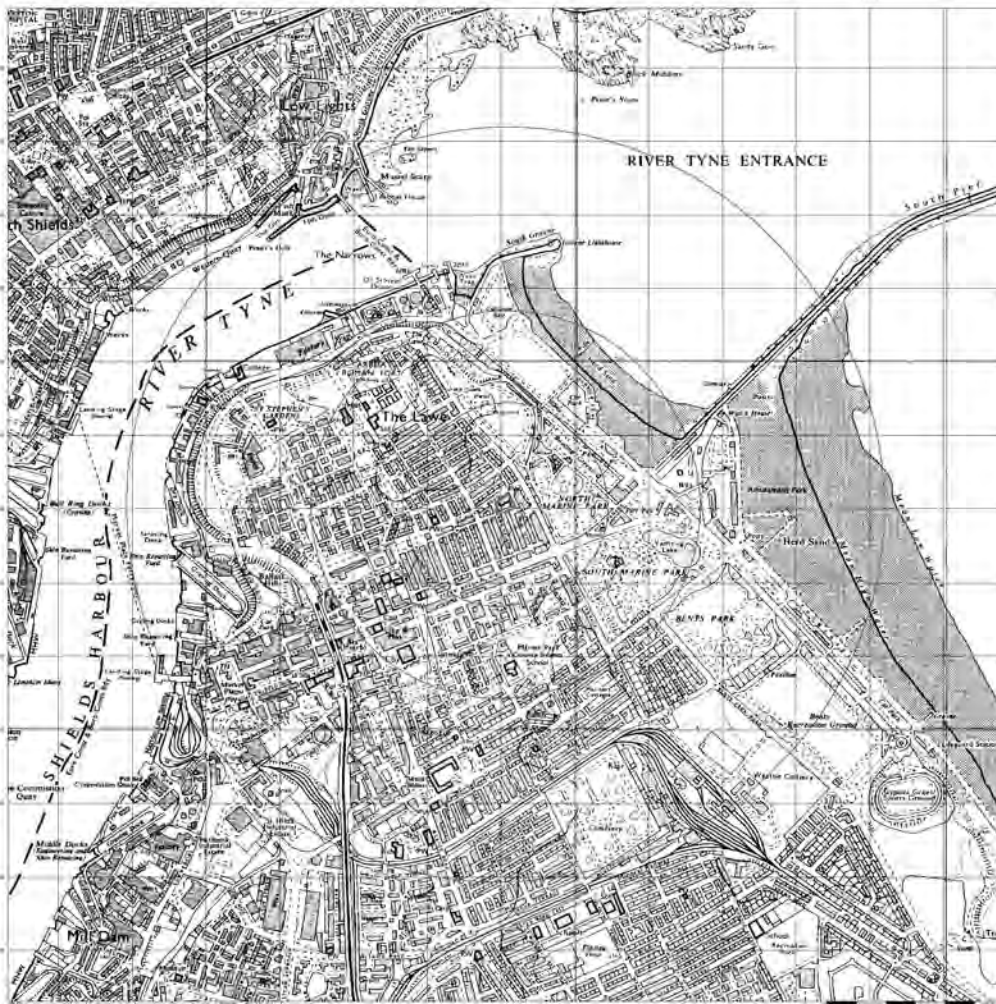
### Site Details

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A Landmark Information Group Service v29.0 18-Jun-2008 Page 11 of 15



## Ordnance Survey Plan

Published 1986

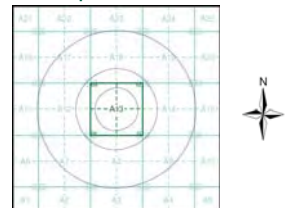
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### Map Name(s) and Date(s)



### Historical Map - Slice A



### Order Details

Order Number: 25646215\_1\_1  
Customer Ref: 08-329  
National Grid Reference: 436810, 567610  
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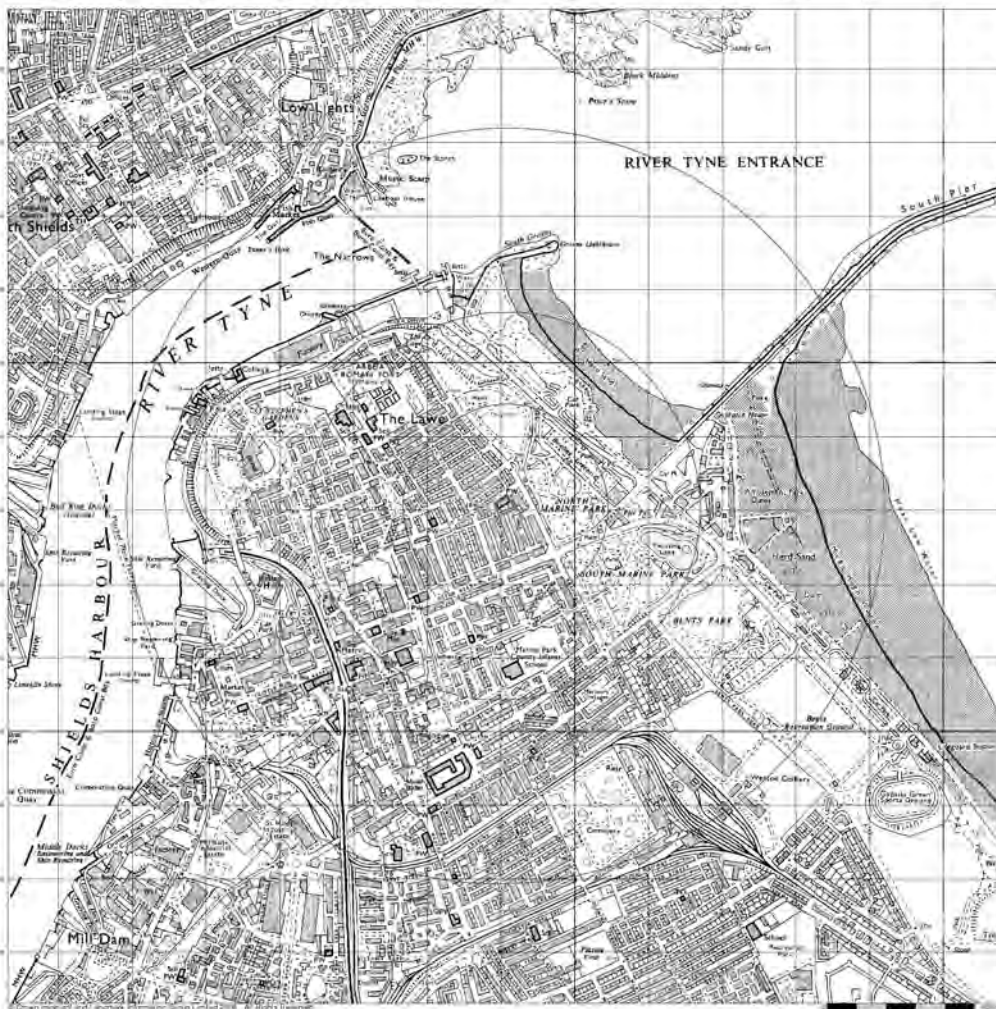
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## Ordnance Survey Plan

Published 1993

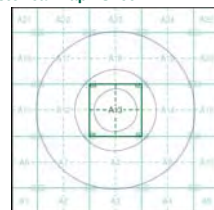
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## Map Name(s) and Date(s)



## Historical Map - Slice A



## Order Details

Order Number: 25646215\_1\_1  
Customer Ref: 08-329  
National Grid Reference: 436810, 567610  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 1000

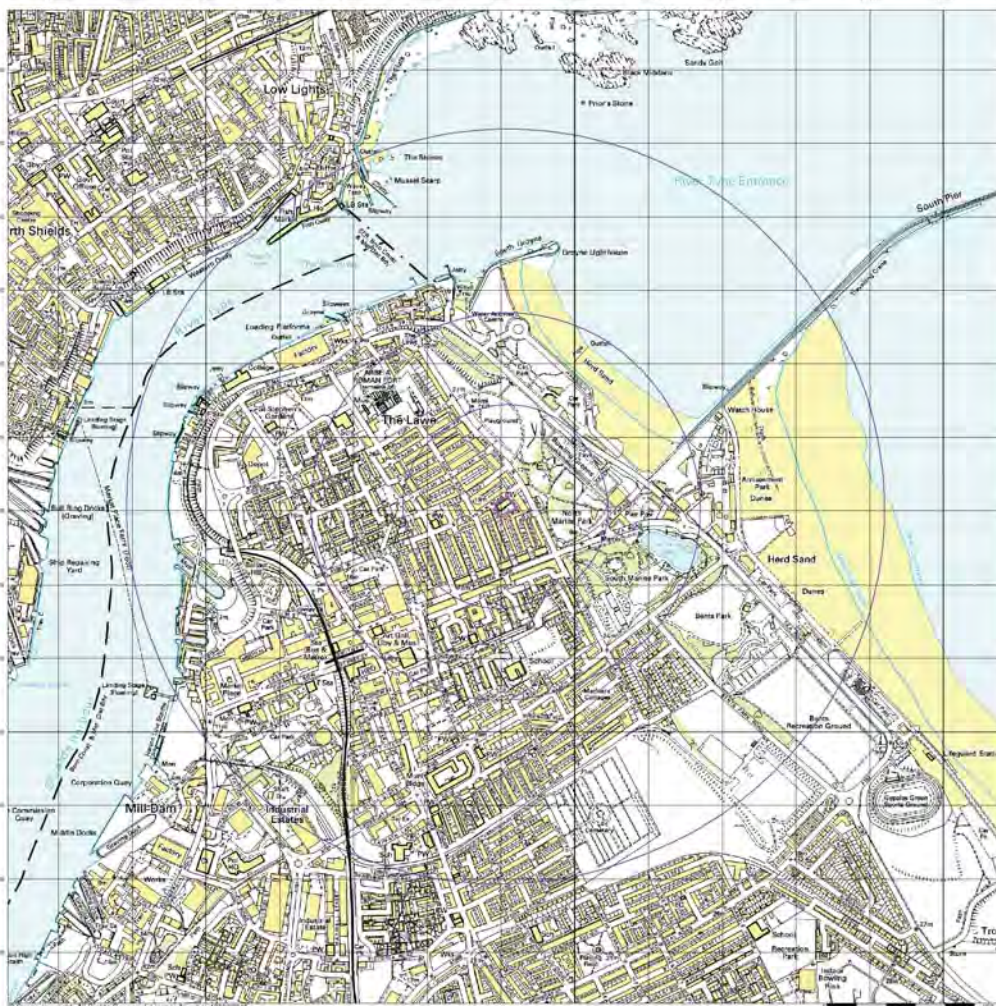
## Site Details

59a, George Scott Street, South Shields, NE33 2JR



Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.enrichcheck.co.uk](http://www.enrichcheck.co.uk)

A Landmark Information Group Service v29.0 18-Jun-2008 Page 13 of 15



## 10K Raster Mapping

Published 2000

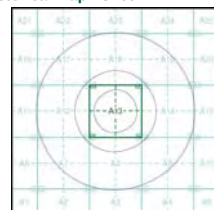
Source map scale - 1:10,000

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)



## Historical Map - Slice A



## Order Details

Order Number: 25646215\_1\_1  
Customer Ref: 08-329  
National Grid Reference: 436810, 567610  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 1000

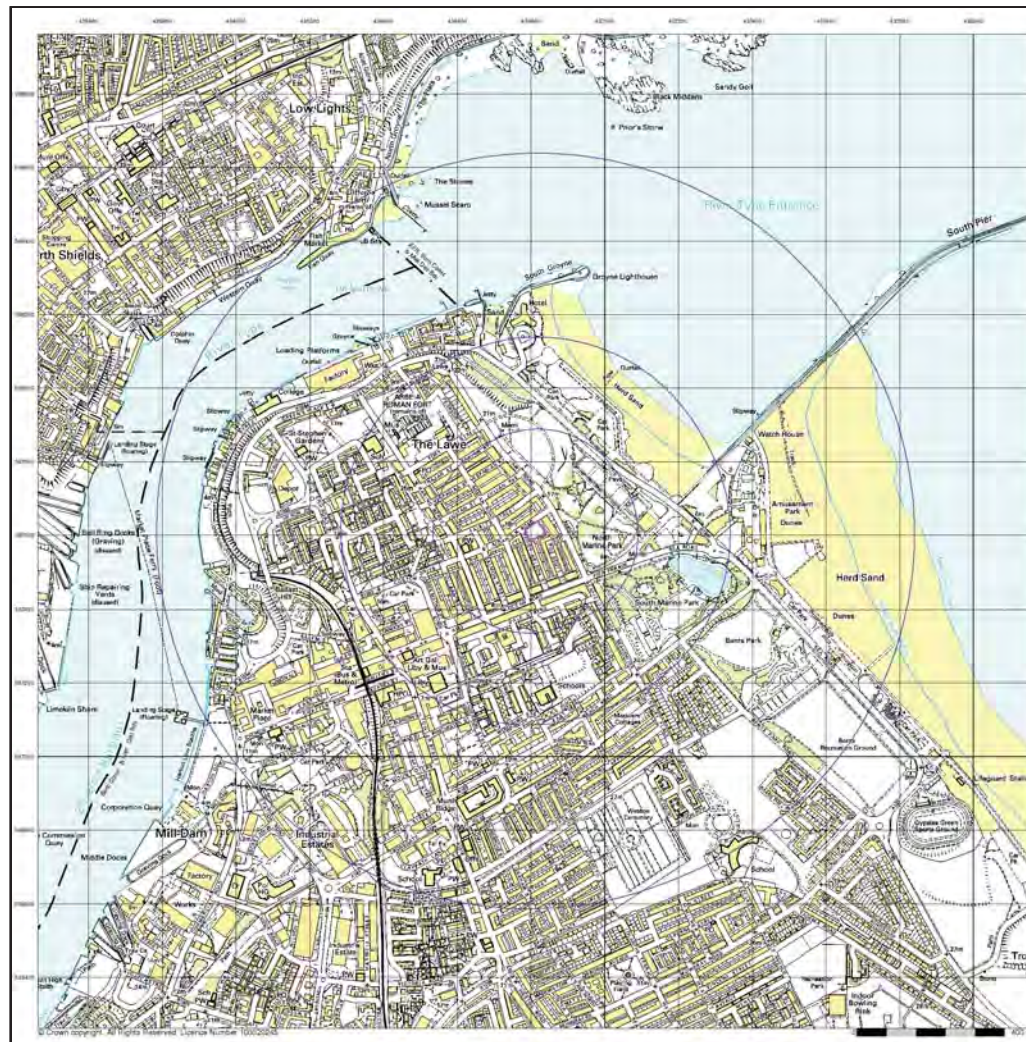
## Site Details

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

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## 10K Raster Mapping

Published 2008

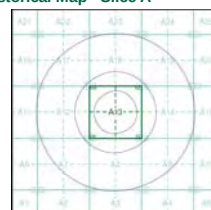
Source map scale - 1:10,000

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)



### Historical Map - Slice A



## Order Details

Order Number: 25646215\_1\_1  
Customer Ref: 08-329  
National Grid Reference: 436810, 567610  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 1000

## Site Details

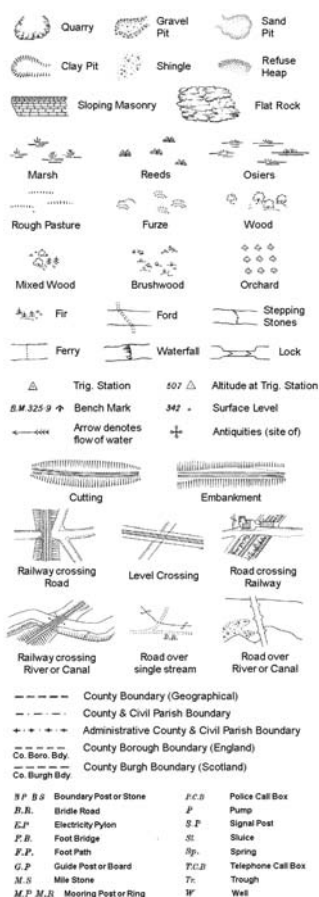
59a, George Scott Street, South Shields, NE33 2JR



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## Historical Mapping Legends

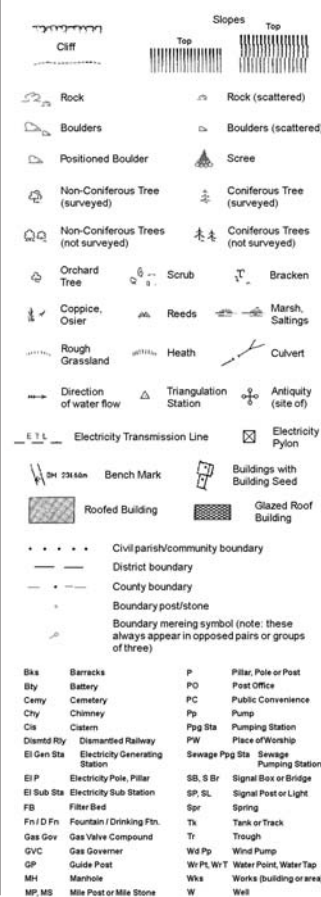
Ordnance Survey County Series and  
Ordnance Survey Plan 1:2,500



**Ordinance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information**  
**1:2,500 and 1:1,250**



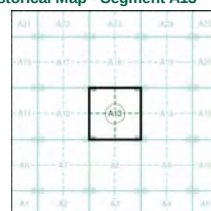
## Large-Scale National Grid Data 1:2,500 and 1:1,250



**Ordnance Survey mapping included:**

| Mapping Type                             | Scale   | Date        | Pw |
|------------------------------------------|---------|-------------|----|
| Durham                                   | 1:2,500 | 1968        | 1  |
| Northumberland                           | 1:2,500 | 1961        | 3  |
| Durham                                   | 1:2,500 | 1997 - 1998 | 4  |
| Durham                                   | 1:2,500 | 1991        | 5  |
| Durham                                   | 1:2,500 | 1994        | 6  |
| Ordinance Survey Plan                    | 1:1,250 | 1955 - 1956 | 7  |
| Ordinance Survey Plan                    | 1:2,500 | 1956        | 8  |
| Ordinance Survey Plan                    | 1:1,250 | 1963 - 1974 | 9  |
| Ordinance Survey Plan                    | 1:1,250 | 1969 - 1989 | 10 |
| Supply of Unpublished Survey Information | 1:1,250 | 1973 - 1975 | 11 |
| Supply of Unpublished Survey Information | 1:1,250 | 1976        | 12 |
| Additional SIMs                          | 1:1,250 | 1977 - 1992 | 13 |
| Additional SIMs                          | 1:1,250 | 1999 - 1991 | 14 |
| Ordinance Survey Plan                    | 1:1,250 | 1990        | 15 |
| Large-Scale National Grid Data           | 1:1,250 | 1993        | 16 |
| Large-Scale National Grid Data           | 1:1,250 | 1994        | 17 |

### Historical Map - Segment A13



## Order Details

Order Number: 25646215\_1\_1  
Customer Ref: 08-329  
National Grid Reference: 436810, 567610  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 100

## Site Details

59a, George Scott Street, South Shields, NE33 2JR



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**Durham**

**Published 1858 - 1881**

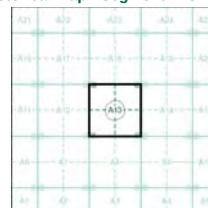
**Source map scale - 1:2,500**

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: 25646215\_1\_1  
Customer Ref: 08-329  
National Grid Reference: 436810, 567610  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 100

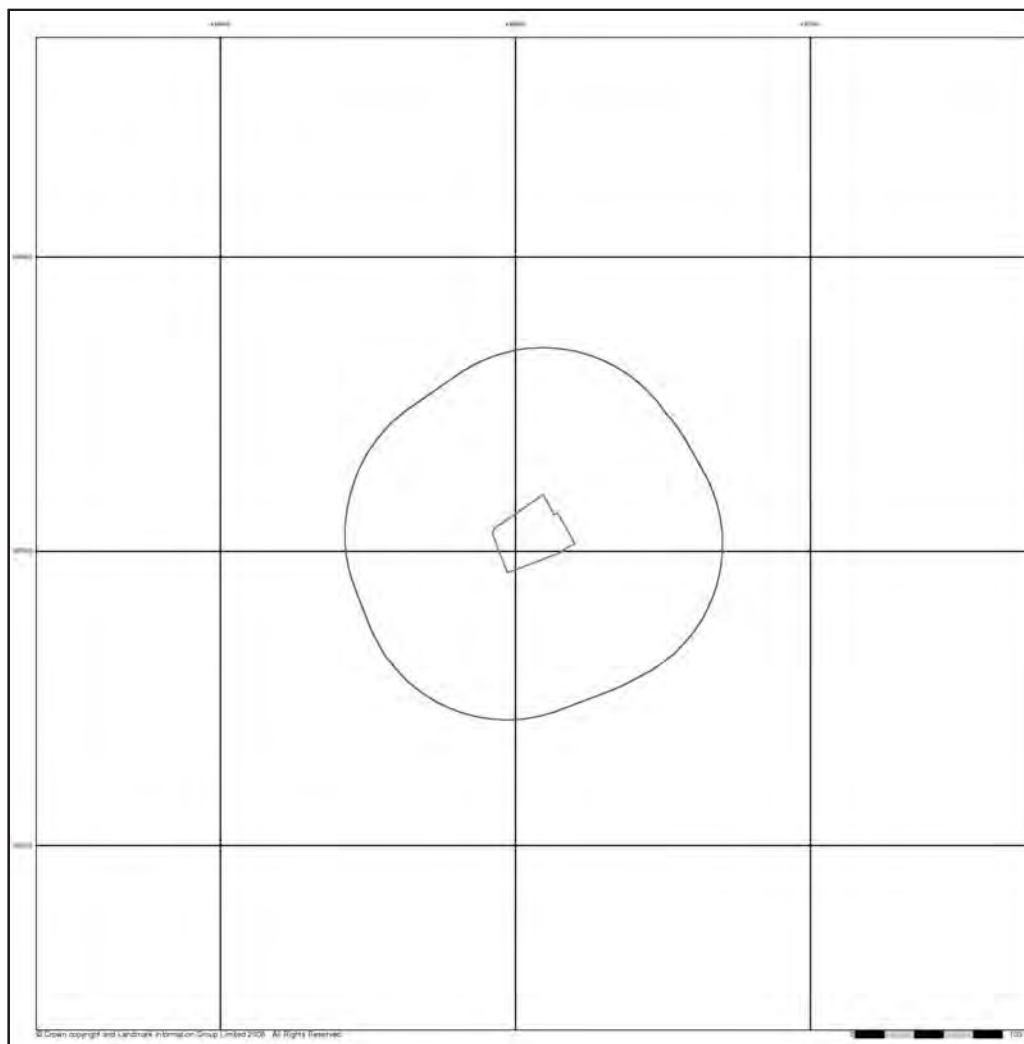
#### Site Details

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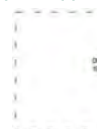
**Northumberland**

**Published 1861**

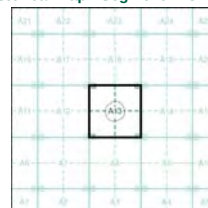
**Source map scale - 1:2,500**

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: 25646215\_1\_1  
Customer Ref: 08-329  
National Grid Reference: 436810, 567610  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 100

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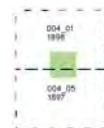
**Durham**

**Published 1897 - 1898**

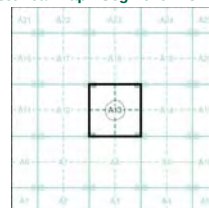
**Source map scale - 1:2,500**

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: 25646215\_1\_1  
Customer Ref: 08-329  
National Grid Reference: 436810, 567610  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 100

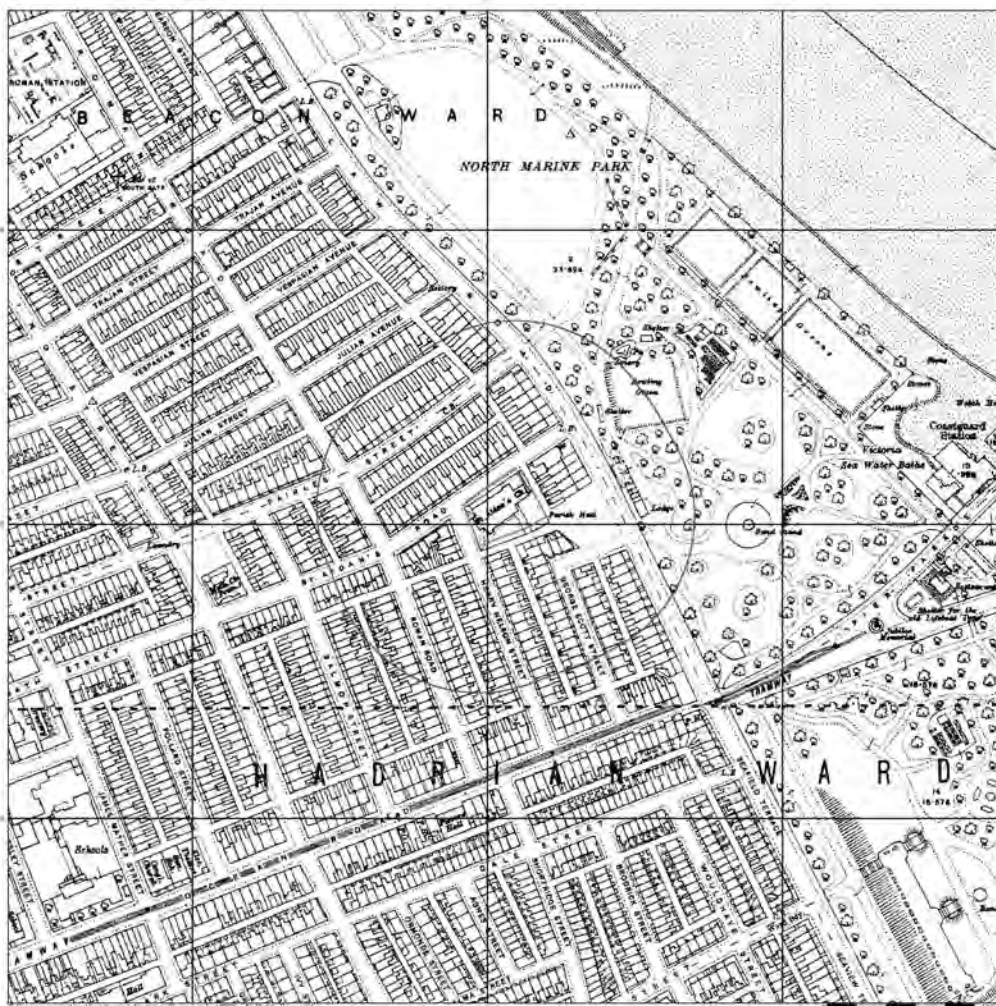
#### Site Details

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**Durham**

**Published 1915**

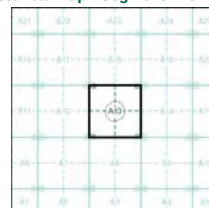
**Source map scale - 1:2,500**

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: 25646215\_1\_1  
Customer Ref: 08-329  
National Grid Reference: 436810, 567610  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 100

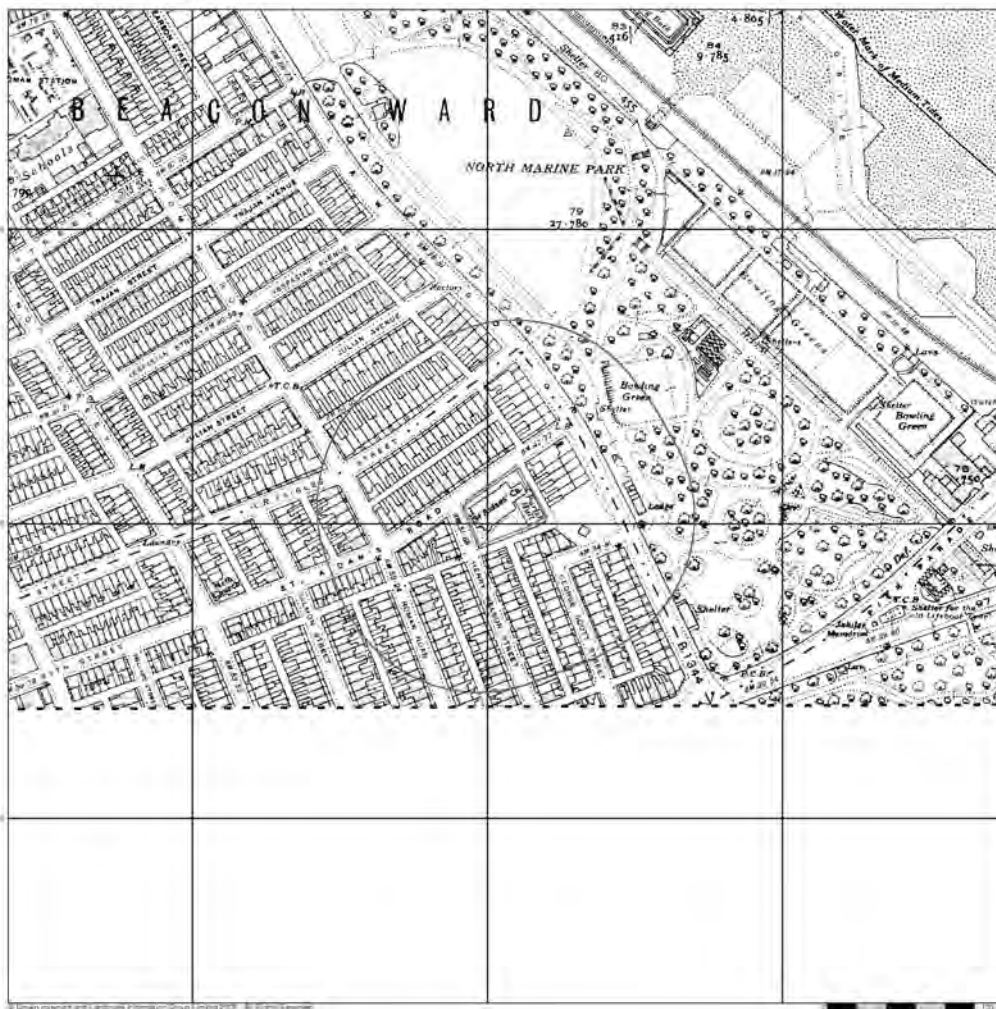
#### Site Details

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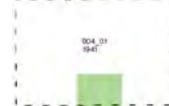
**Durham**

**Published 1941**

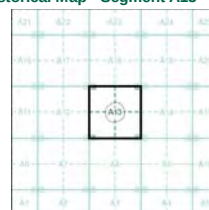
**Source map scale - 1:2,500**

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: 25646215\_1\_1  
Customer Ref: 08-329  
National Grid Reference: 436810, 567610  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 100

#### Site Details

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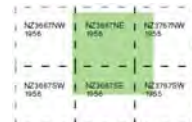
**Ordnance Survey Plan**

**Published 1955 - 1956**

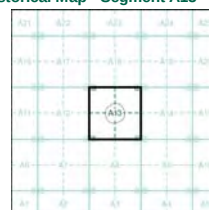
**Source map scale - 1:1,250**

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)



#### Historical Map - Segment A13



#### Order Details

Order Number: 25646215\_1\_1  
Customer Ref: 08-329  
National Grid Reference: 436810, 567610  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 100

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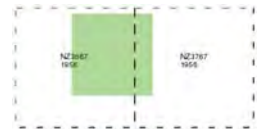
## Ordnance Survey Plan

Published 1956

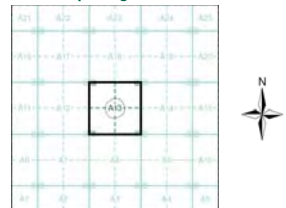
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1954 the 1:2,500 scale was adopted for mapping urban areas and by 1996 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 1930, 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: 25646215\_1\_1  
Customer Ref: 08-329  
National Grid Reference: 436810, 567610  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 100

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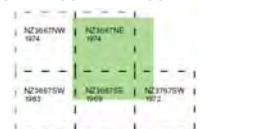
## Ordnance Survey Plan

Published 1963 - 1974

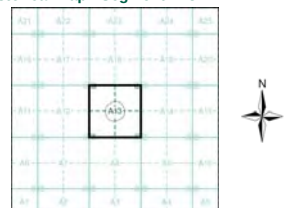
Source map scale - 1:1,250

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1954 the 1:2,500 scale was adopted for mapping urban areas and by 1996 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 1930, 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

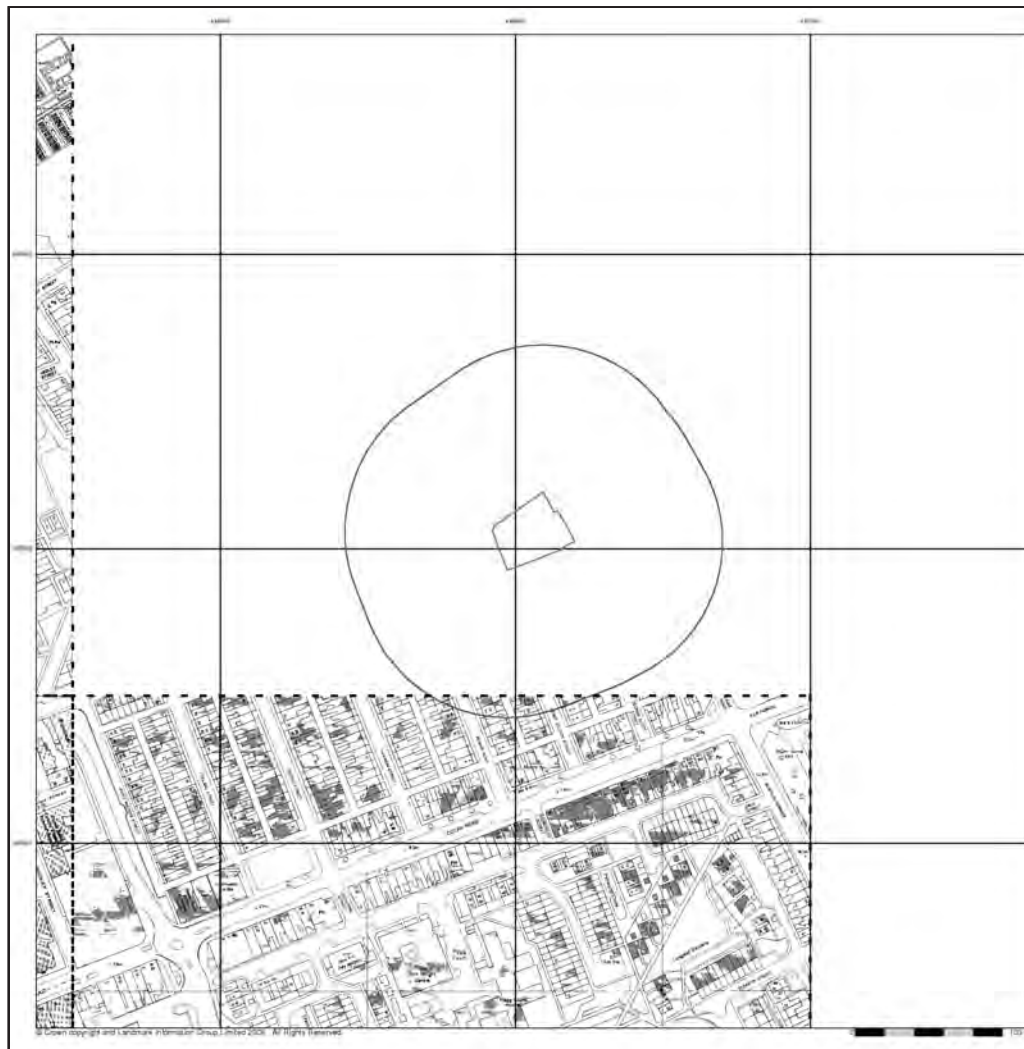
Order Number: 25646215\_1\_1  
Customer Ref: 08-329  
National Grid Reference: 436810, 567610  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 100

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## Ordnance Survey Plan

Published 1969 - 1989

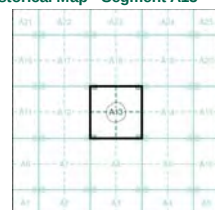
Source map scale - 1:1,250

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 1930, 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

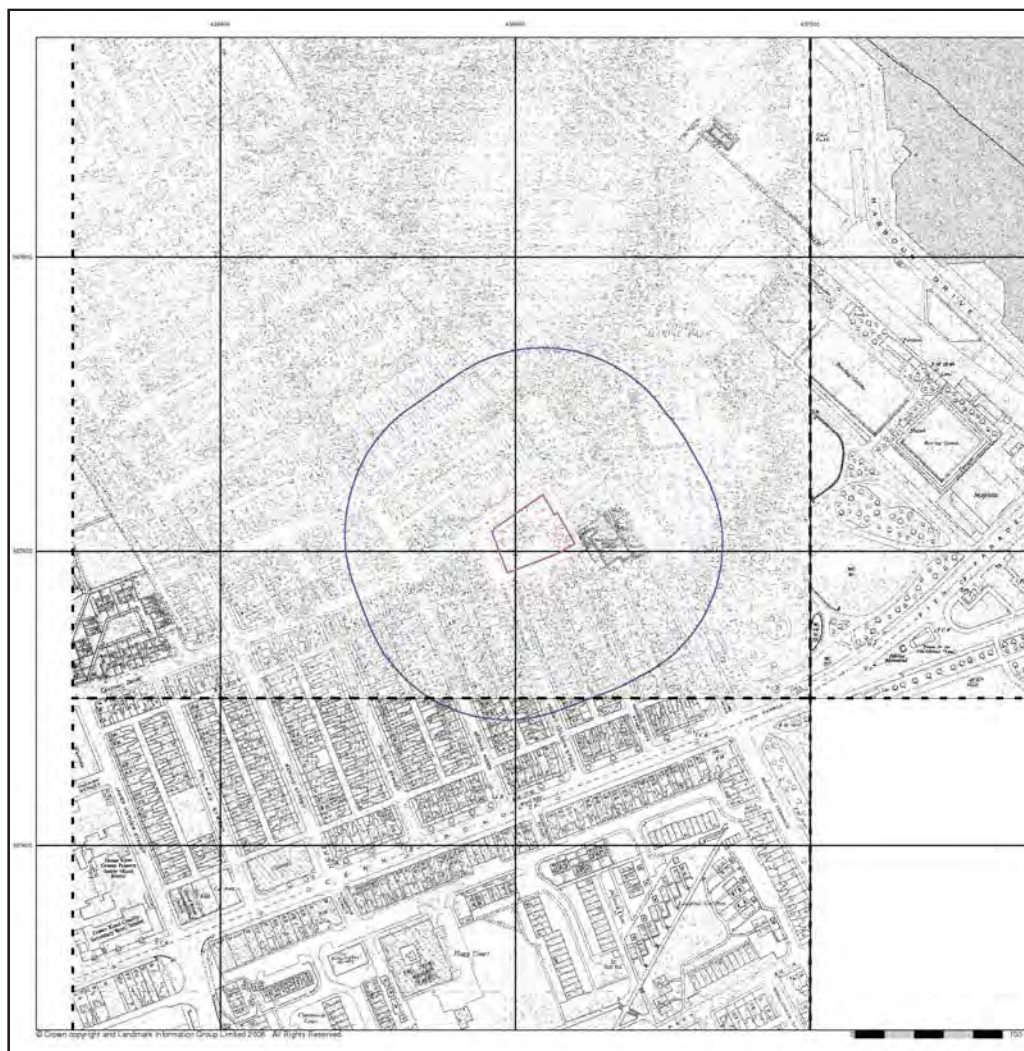
Order Number: 25646215\_1\_1  
Customer Ref: 08-329  
National Grid Reference: 436810, 567610  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 100

## Site Details

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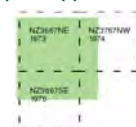
## Supply of Unpublished Survey Information

Published 1973 - 1975

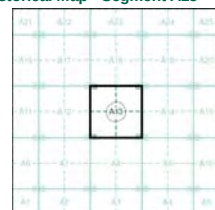
Source map scale - 1:1,250

SUSI maps (Supply of Unpublished Survey Information) were produced between 1972 and 1977, mainly for internal use at Ordnance Survey. These were more of a 'work-in-progress' plan as they showed updates of individual areas on a map. These maps were unpublished, and they do not represent a single moment in time. They were produced at both 1:2,500 and 1:1,250 scales.

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



## Historical Map - Segment A13



## Order Details

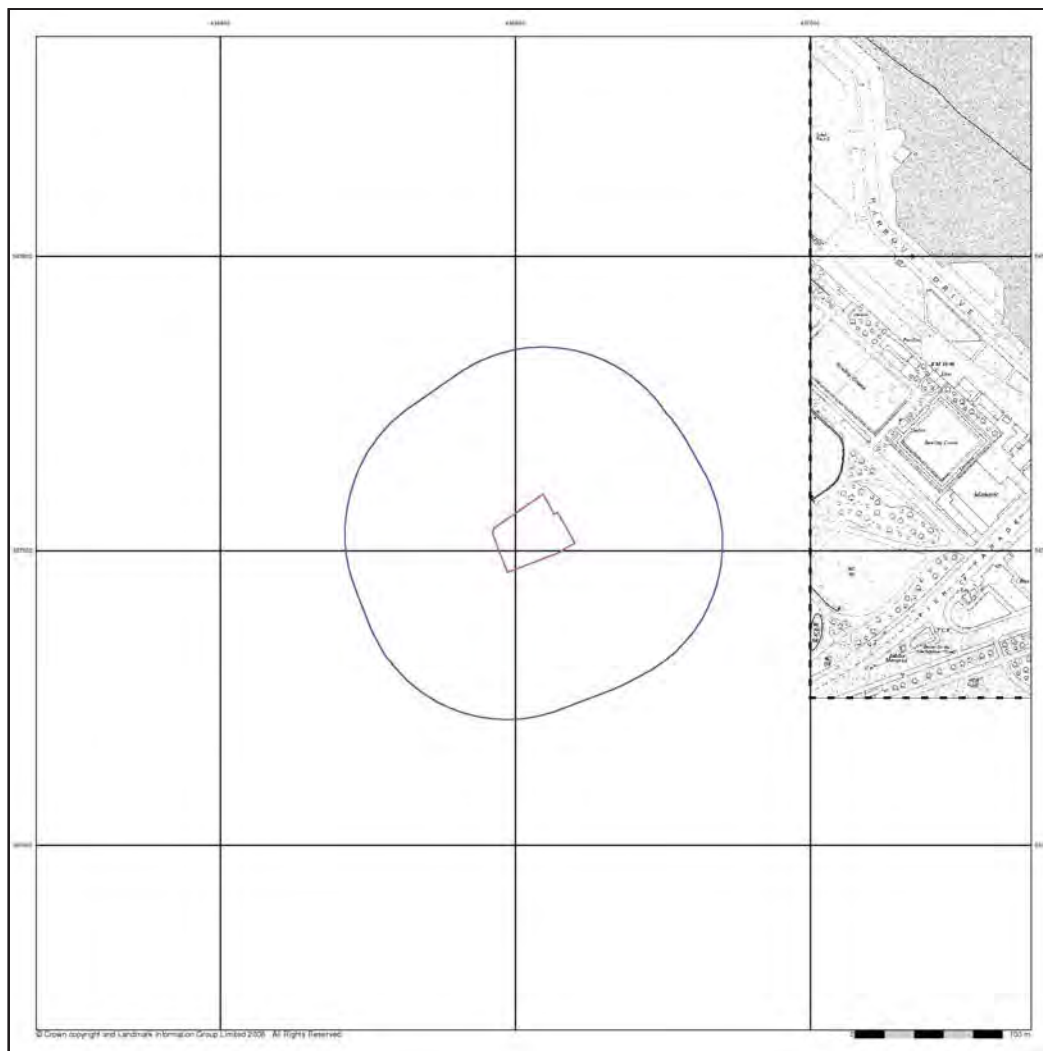
Order Number: 25646215\_1\_1  
Customer Ref: 08-329  
National Grid Reference: 436810, 567610  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 100

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## Supply of Unpublished Survey Information

Published 1975

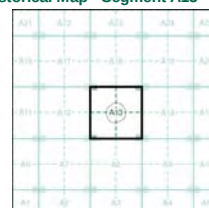
Source map scale - 1:1,250

SUSI maps (Supply of Unpublished Survey Information) were produced between 1972 and 1977, mainly for internal use at Ordnance Survey. These were more of a 'work-in-progress' plan as they showed updates of individual areas on a map. These maps were unpublished, and they do not represent a single moment in time. They 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: 25646215\_1\_1  
 Customer Ref: 08-329  
 National Grid Reference: 436810, 567610  
 Slice: A  
 Site Area (Ha): 0.17  
 Search Buffer (m): 100

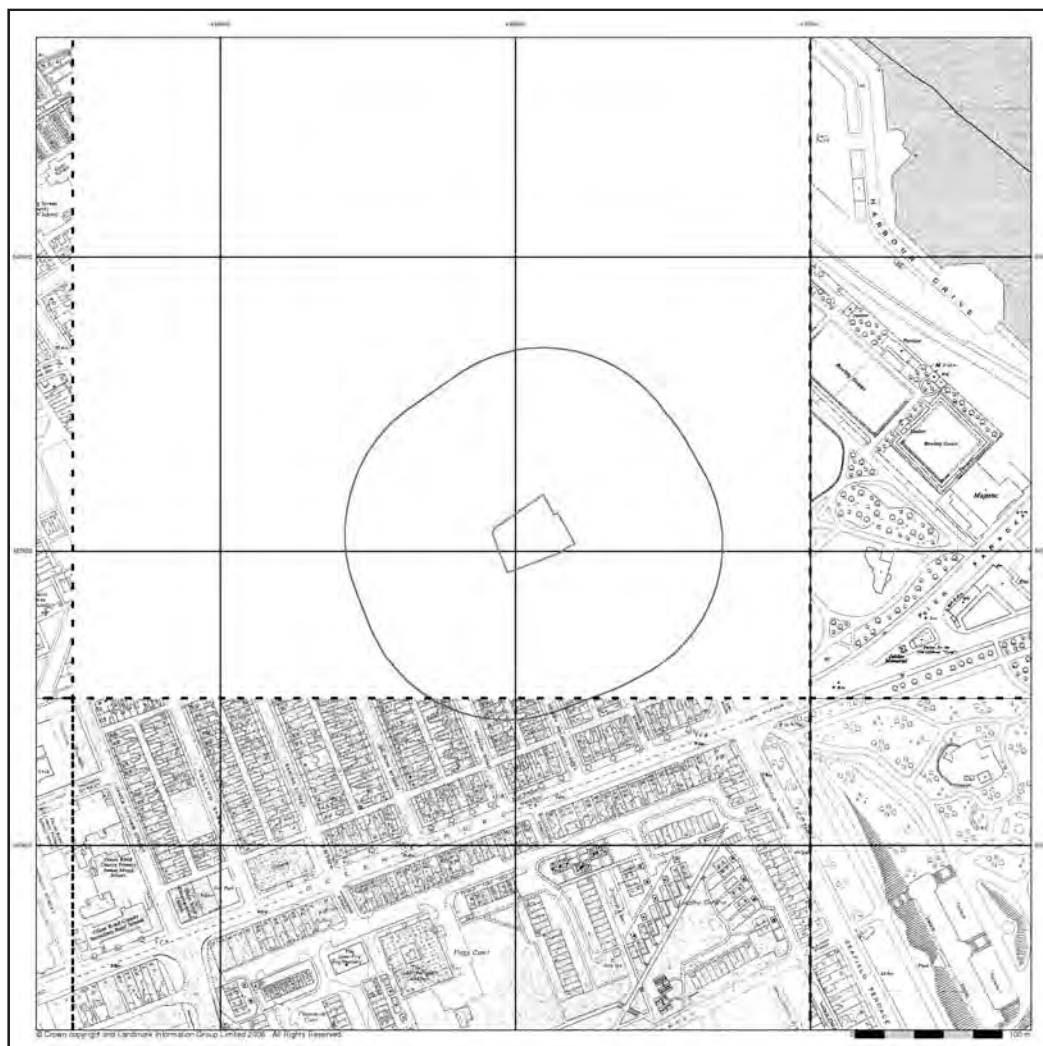
### Site Details

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A Landmark Information Group Service v29.0 18-Jun-2008 Page 12 of 17



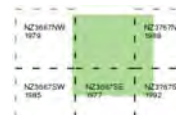
## Additional SIMs

Published 1977 - 1992

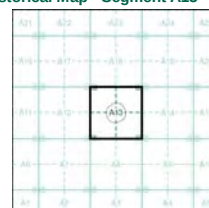
Source map scale - 1:1,250

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: 25646215\_1\_1  
 Customer Ref: 08-329  
 National Grid Reference: 436810, 567610  
 Slice: A  
 Site Area (Ha): 0.17  
 Search Buffer (m): 100

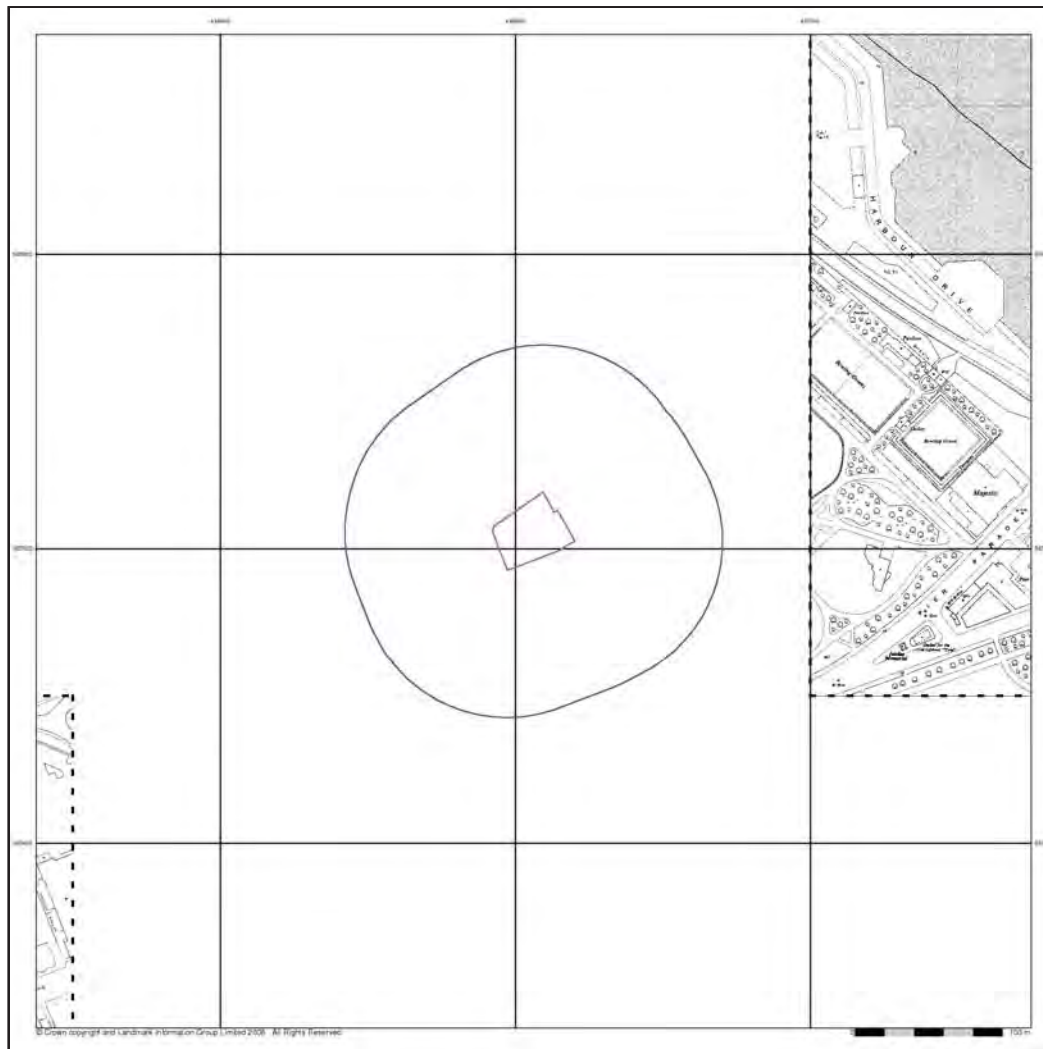
### Site Details

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 Fax: 0844 844 9951  
 Web: www.envisiocheck.co.uk

A Landmark Information Group Service v29.0 18-Jun-2008 Page 13 of 17



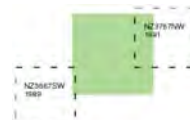
#### Additional SIMs

Published 1989 - 1991

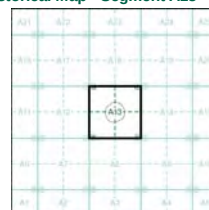
Source map scale - 1:1,250

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: 25646215\_1\_1  
 Customer Ref: 08-329  
 National Grid Reference: 436810, 567610  
 Slice: A  
 Site Area (Ha): 0.17  
 Search Buffer (m): 100

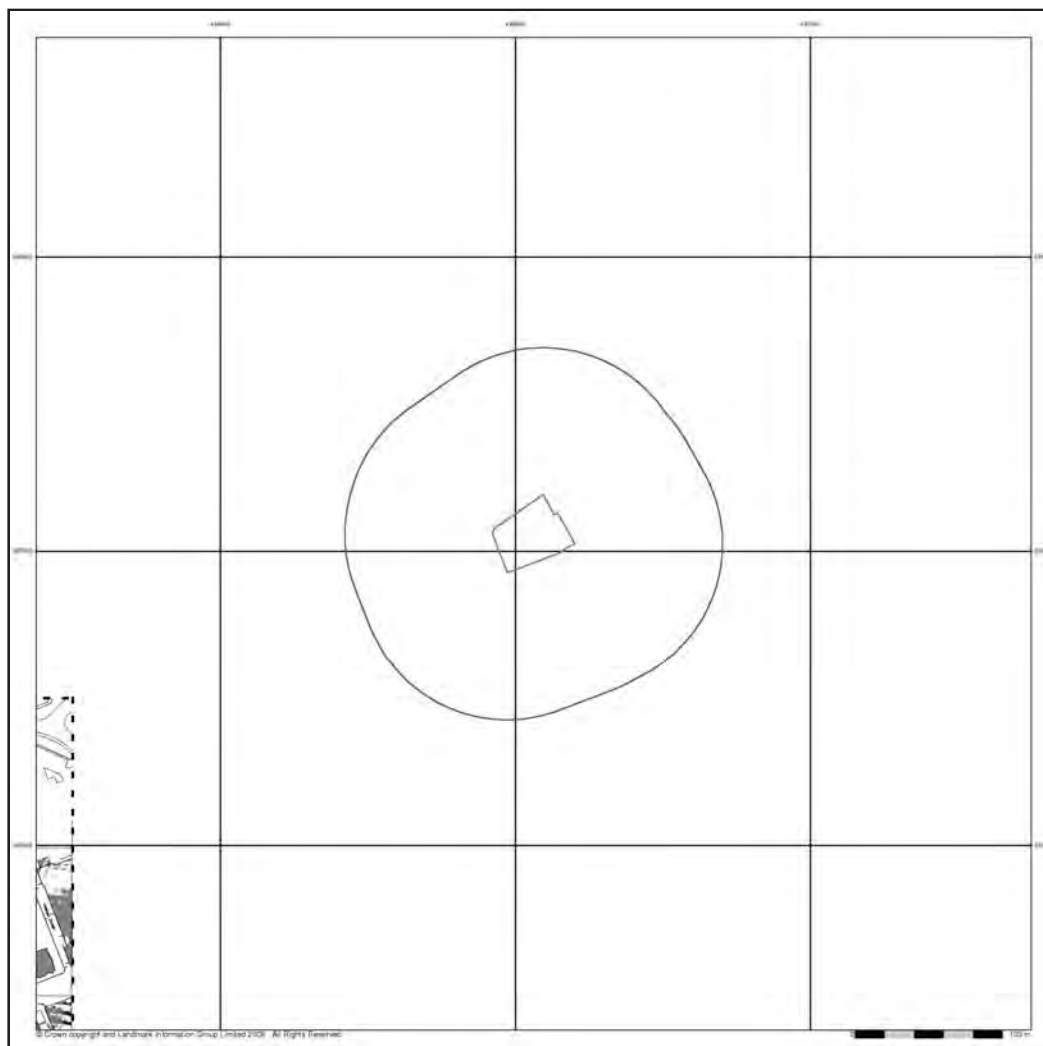
#### Site Details

59a, George Scott Street, South Shields, NE33 2JR



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

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#### Ordnance Survey Plan

Published 1990

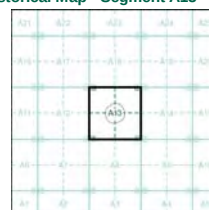
Source map scale - 1:1,250

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)



#### Historical Map - Segment A13



#### Order Details

Order Number: 25646215\_1\_1  
 Customer Ref: 08-329  
 National Grid Reference: 436810, 567610  
 Slice: A  
 Site Area (Ha): 0.17  
 Search Buffer (m): 100

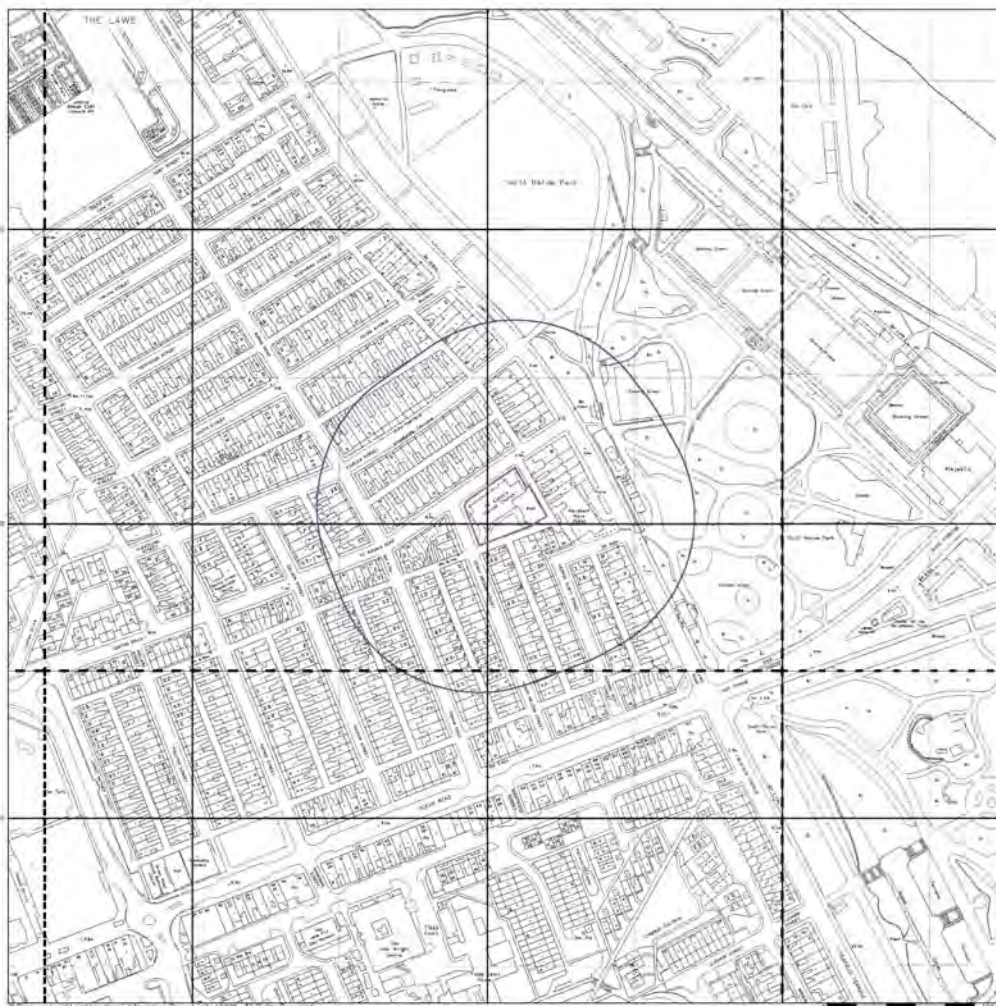
#### Site Details

59a, George Scott Street, South Shields, NE33 2JR



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

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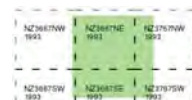
## Large-Scale National Grid Data

Published 1993

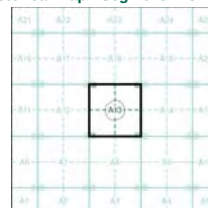
Source map scale - 1:1,250

'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 forerunners 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: 25646215\_1\_1  
Customer Ref: 08-329  
National Grid Reference: 436810, 567610  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 100

### Site Details

59a, George Scott Street, South Shields, NE33 2JR



Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.emulocheck.co.uk](http://www.emulocheck.co.uk)



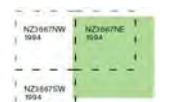
## Large-Scale National Grid Data

Published 1994

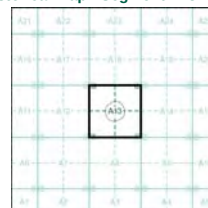
Source map scale - 1:1,250

'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 forerunners 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: 25646215\_1\_1  
Customer Ref: 08-329  
National Grid Reference: 436810, 567610  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 100

### Site Details

59a, George Scott Street, South Shields, NE33 2JR



Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.emulocheck.co.uk](http://www.emulocheck.co.uk)



# Envirocheck® Report: Datasheet

## Order Details:

**Order Number:**  
25646215\_1\_1

**Customer Reference:**  
08-329

**National Grid Reference:**  
436810, 567610

**Slice:**  
A

**Site Area (Ha):**  
0.17

**Search Buffer (m):**  
1000

## Site Details:

59a, George Scott Street  
South Shields  
NE33 2JR

## Client Details:

Mr K Moir  
Arc Environmental Ltd  
The Rivergreen Centre  
Aykley Heads  
Durham City  
Co Durham  
DH1 5TS



## Contents

| Report Section        | Page Number |
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### 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 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.

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### Report Version v36.0



## Summary

| Data Type                                                     | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---------------------------------------------------------------|-------------|---------|-----------|-------------|-----------------------------|
| <b>Agency &amp; Hydrological</b>                              |             |         |           |             |                             |
| Contaminated Land Register Entries and Notices                |             |         |           |             |                             |
| Discharge Consents                                            | pg 1        |         |           |             | 39                          |
| Enforcement and Prohibition Notices                           |             |         |           |             |                             |
| Integrated Pollution Controls                                 | pg 10       |         |           |             | 1                           |
| Integrated Pollution Prevention And Control                   |             |         |           |             |                             |
| Local Authority Integrated Pollution Prevention And Control   |             |         |           |             |                             |
| Local Authority Pollution Prevention and Controls             | pg 10       |         |           |             | 3                           |
| Local Authority Pollution Prevention and Control Enforcements |             |         |           |             |                             |
| Nearest Surface Water Feature                                 | pg 11       |         |           | Yes         |                             |
| Pollution Incidents to Controlled Waters                      | pg 11       |         |           |             | 10                          |
| Prosecutions Relating to Authorised Processes                 |             |         |           |             |                             |
| Prosecutions Relating to Controlled Waters                    |             |         |           |             |                             |
| Registered Radioactive Substances                             | pg 13       |         |           |             | 1                           |
| River Quality                                                 |             |         |           |             |                             |
| River Quality Biology Sampling Points                         |             |         |           |             |                             |
| River Quality Chemistry Sampling Points                       |             |         |           |             |                             |
| Substantiated Pollution Incident Register                     |             |         |           |             |                             |
| Water Abstractions                                            |             |         |           |             |                             |
| Water Industry Act Referrals                                  |             |         |           |             |                             |
| Groundwater Vulnerability                                     | pg 13       | Yes     | n/a       | n/a         | n/a                         |
| Source Protection Zones                                       |             |         |           |             |                             |
| Extreme Flooding from Rivers or Sea without Defences          |             |         |           | n/a         | n/a                         |
| Flooding from Rivers or Sea without Defences                  |             |         |           | 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                         |
| <b>Waste</b>                                                  |             |         |           |             |                             |
| BGS Recorded Landfill Sites                                   |             |         |           |             |                             |
| Historical Landfill Sites                                     | pg 14       |         |           |             | 2                           |
| Integrated Pollution Control Registered Waste Sites           |             |         |           |             |                             |
| Licensed Waste Management Facilities (Landfill Boundaries)    |             |         |           |             |                             |
| Licensed Waste Management Facilities (Locations)              | pg 14       |         |           |             | 4                           |
| Local Authority Recorded Landfill Sites                       |             |         |           |             |                             |
| Registered Landfill Sites                                     | pg 15       |         |           |             | 1                           |
| Registered Waste Transfer Sites                               | pg 16       |         |           |             | 3                           |
| Registered Waste Treatment or Disposal Sites                  | pg 17       |         |           |             | 1                           |



## Summary

| Data Type                                                           | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---------------------------------------------------------------------|-------------|---------|-----------|-------------|-----------------------------|
| <b>Hazardous Substances</b>                                         |             |         |           |             |                             |
| Control of Major Accident Hazards Sites (COMAH)                     | pg 18       |         |           |             | 1                           |
| Explosive Sites                                                     |             |         |           |             |                             |
| Notification of Installations Handling Hazardous Substances (NIHHS) | pg 18       |         |           |             | 1                           |
| Planning Hazardous Substance Consents                               | pg 18       |         |           |             | 2                           |
| Planning Hazardous Substance Enforcements                           |             |         |           |             |                             |
| <b>Geological</b>                                                   |             |         |           |             |                             |
| BGS Recorded Mineral Sites                                          | pg 19       |         |           |             | 2                           |
| BGS 1:625,000 Solid Geology                                         | pg 19       | Yes     | n/a       | n/a         | n/a                         |
| Brine Compensation Area                                             |             |         | 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                         |
| Natural and Mining Cavities                                         |             |         |           |             |                             |
| Potential for Collapsible Ground Stability Hazards                  |             |         |           | n/a         | n/a                         |
| Potential for Compressible Ground Stability Hazards                 |             |         |           | n/a         | n/a                         |
| Potential for Ground Dissolution Stability Hazards                  |             |         |           | n/a         | n/a                         |
| Potential for Landslide Ground Stability Hazards                    | pg 19       | Yes     | Yes       | n/a         | n/a                         |
| Potential for Running Sand Ground Stability Hazards                 | pg 19       | Yes     | Yes       | n/a         | n/a                         |
| Potential for Shrinking or Swelling Clay Ground Stability Hazards   | pg 19       | Yes     |           | n/a         | n/a                         |
| Radon Potential - Radon Affected Areas                              |             |         | n/a       | n/a         | n/a                         |
| Radon Potential - Radon Protection Measures                         |             |         | n/a       | n/a         | n/a                         |
| Shallow Mining Hazards                                              | pg 20       | Yes     |           | n/a         | n/a                         |
| <b>Industrial Land Use</b>                                          |             |         |           |             |                             |
| Contemporary Trade Directory Entries                                | pg 21       |         | 5         | 2           | 66                          |
| Fuel Station Entries                                                | pg 27       |         |           |             | 2                           |



## Summary

| Data Type                            | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|--------------------------------------|-------------|---------|-----------|-------------|-----------------------------|
| <b>Sensitive Land Use</b>            |             |         |           |             |                             |
| Areas of Adopted Green Belt          |             |         |           |             |                             |
| 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                         | pg 28       |         |           | 1           |                             |
| Sites of Special Scientific Interest | pg 28       |         |           | 1           | 1                           |
| Special Areas of Conservation        |             |         |           |             |                             |
| Special Protection Areas             | pg 28       |         |           | 1           |                             |



## Agency & Hydrological

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Quadrant Reference (Compass) | Estimated Distance From Site | Contact | NGR           |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|---------|---------------|
| 1      | <b>Discharge Consents</b><br>Operator: Northumbrian Water Limited<br>Property Type: Undefined Or Other<br>Location: Littlehaven Ps, North Shields, Tyne And Wear<br>Authority: Environment Agency, North East Region<br>Catchment Area: Tyne (Lower)/Team/Don<br>Reference: 235/1129<br>Permit Version: 1<br>Effective Date: 1st July 1992<br>Issued Date: 1st July 1992<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Pumping Station - Water Company<br>Discharge: Saline Estuary<br>Environment: Tyne Estuary<br>Receiving Water: Tyne Estuary<br><b>Status:</b> New Consent, by Application (Water Resources Act 1991, Section 88)<br>Positional Accuracy: Located by supplier to within 100m | A18SW (N)                    | 603                          | 1       | 436600 568200 |
| 1      | <b>Discharge Consents</b><br>Operator: Redundant - Northumbrian Water Ltd<br>Property Type: Undefined Or Other<br>Location: Pilot Station, A Pumping Station At, South Shields, Tyne And Wear<br>Authority: Environment Agency, North East Region<br>Catchment Area: Not Supplied<br>Reference: 235/X/0076<br>Permit Version: 1<br>Effective Date: 24th April 1987<br>Issued Date: 28th April 1987<br>Revocation Date: 22nd May 1991<br>Discharge Type: Unspecified<br>Discharge: Saline Estuary<br>Environment: Tyne Estuary<br>Receiving Water: Tyne Estuary<br><b>Status:</b> Authorisation revokedRevoked<br>Positional Accuracy: Located by supplier to within 10m                                                     | A18SW (N)                    | 612                          | 1       | 436630 568220 |
| 1      | <b>Discharge Consents</b><br>Operator: Northumbrian Water Limited<br>Property Type: Undefined Or Other<br>Location: Pilot Station, A Pumping Station At, South Shields, Tyne And Wear<br>Authority: Environment Agency, North East Region<br>Catchment Area: Tyne (Lower)/Team/Don<br>Reference: 235/0076<br>Permit Version: 1<br>Effective Date: 29th November 1989<br>Issued Date: 29th November 1989<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br>Discharge: Saline Estuary<br>Environment: Tyne<br>Receiving Water: Tyne<br><b>Status:</b> Transferred from Water Act 1989<br>Positional Accuracy: Located by supplier to within 100m       | A18SW (N)                    | 631                          | 1       | 436630 568240 |
| 1      | <b>Discharge Consents</b><br>Operator: Northumbrian Water Limited<br>Property Type: Undefined Or Other<br>Location: Pilot Station, A Pumping Station At, South Shields, Tyne And Wear<br>Authority: Environment Agency, North East Region<br>Catchment Area: Tyne (Lower)/Team/Don<br>Reference: 235/0076<br>Permit Version: 1<br>Effective Date: 29th November 1989<br>Issued Date: 29th November 1989<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Pumping Station - Water Company<br>Discharge: Saline Estuary<br>Environment: Tyne<br>Receiving Water: Tyne<br><b>Status:</b> Transferred from Water Act 1989<br>Positional Accuracy: Located by supplier to within 10m                      | A18SW (N)                    | 631                          | 1       | 436630 568240 |



## Agency & Hydrological

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Quadrant Reference (Compass) | Estimated Distance From Site | Contact | NGR              |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|---------|------------------|
| 2      | <b>Discharge Consents</b><br>Operator: Plant Services (Gateshead) Ltd<br>Property Type: Other Mach & Mech Equipment<br>Location: Plant Services (Gateshead) Ltd, South Shields, Tyne And Wear, Ne33 1lh<br>Authority: Environment Agency, North East Region<br>Catchment Area: Tyne (Lower)/Team/Don<br>Reference: 235/1151<br>Permit Version: 1<br>Effective Date: 11th November 1992<br>Issued Date: 11th November 1992<br>Revocation Date: Not Supplied<br>Discharge Type: Trade Discharge - Process Water<br>Discharge: Saline Estuary<br>Environment: Tyne Estuary<br>Receiving Water: Tyne Estuary<br><b>Status:</b> New Consent, by Application (Water Resources Act 1991, Section 88)<br>Positional Accuracy: Located by supplier to within 100m                                                           | A17SE (NW)                   | 620                          | 1       | 436400<br>568100 |
| 2      | <b>Discharge Consents</b><br>Operator: Plant Services (Gateshead) Ltd<br>Property Type: Other Mach & Mech Equipment<br>Location: Plant Services (Gateshead) Ltd, South Shields, Tyne And Wear, Ne33 1lh<br>Authority: Environment Agency, North East Region<br>Catchment Area: Not Supplied<br>Reference: 235/0224<br>Permit Version: 1<br>Effective Date: 2nd October 1985<br>Issued Date: 2nd October 1985<br>Revocation Date: 11th November 1992<br>Discharge Type: Trade Discharge - Process Water<br>Discharge: Saline Estuary<br>Environment: Tyne<br>Receiving Water: Tyne<br><b>Status:</b> Authorisation revokedRevoked<br>Positional Accuracy: Located by supplier to within 10m                                                                                                                         | A17SE (NW)                   | 620                          | 1       | 436400<br>568100 |
| 3      | <b>Discharge Consents</b><br>Operator: Northumbrian Water Limited<br>Property Type: Sewerage Network - Sewers - Water Company<br>Location: Wapping Street Cso, Souyh Shields, South Tyneside<br>Authority: Environment Agency, North East Region<br>Catchment Area: Not Supplied<br>Reference: 235/1902<br>Permit Version: 1<br>Effective Date: 24th January 2005<br>Issued Date: 24th January 2005<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br>Discharge: Saline Estuary<br>Environment: Tyne Saline Estuary<br>Receiving Water: Tyne Saline Estuary<br><b>Status:</b> 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 | A17SE (NW)                   | 622                          | 1       | 436290<br>567990 |
| 3      | <b>Discharge Consents</b><br>Operator: Northumbrian Water Limited<br>Property Type: Sewerage Network - Sewers - Water Company<br>Location: Wapping Street Cso, Souyh Shields, South Tyneside<br>Authority: Environment Agency, North East Region<br>Catchment Area: Tyne (Lower)/Team/Don<br>Reference: 235/1641<br>Permit Version: 1<br>Effective Date: 7th August 1998<br>Issued Date: 7th August 1998<br>Revocation Date: 24th January 2005<br>Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br>Discharge: Saline Estuary<br>Environment: Tyne Saline Estuary<br>Receiving Water: Tyne Saline Estuary<br><b>Status:</b> Authorisation revokedRevoked<br>Positional Accuracy: Located by supplier to within 10m                                                              | A17SE (NW)                   | 622                          | 1       | 436290<br>567990 |



## Agency & Hydrological

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Quadrant Reference (Compass) | Estimated Distance From Site | Contact | NGR              |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|---------|------------------|
| 3      | <b>Discharge Consents</b><br>Operator: Redundant - Northumbrian Water Ltd<br>Property Type: Undefined Or Other<br>Location: River Drive Sewer, South Shields, Tyne And Wear<br>Authority: Environment Agency, North East Region<br>Catchment Area: Not Supplied<br>Reference: 235/X/0077<br>Permit Version: 1<br>Effective Date: 28th April 1987<br>Issued Date: 28th April 1987<br>Revocation Date: 29th October 1992<br>Discharge Type: Unspecified<br>Discharge: Saline Estuary<br>Environment: Tyne Estuary<br>Receiving Water: Tyne Estuary<br><b>Status:</b> Authorisation revokedRevoked<br>Positional Accuracy: Located by supplier to within 10m                                           | A17SE (NW)                   | 624                          | 1       | 436290<br>567980 |
| 4      | <b>Discharge Consents</b><br>Operator: Northumbrian Water Limited<br>Property Type: Undefined Or Other<br>Location: River Drive Sewer, South Shields, Tyne And Wear<br>Authority: Environment Agency, North East Region<br>Catchment Area: Tyne (Lower)/Team/Don<br>Reference: 235/1409<br>Permit Version: 1<br>Effective Date: 19th July 1993<br>Issued Date: 19th July 1993<br>Revocation Date: 9th March 1999<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company<br>Discharge: Saline Estuary<br>Environment: Tyne Estuary<br>Receiving Water: Tyne Estuary<br><b>Status:</b> Authorisation revokedRevoked<br>Positional Accuracy: Located by supplier to within 100m | A17SE (NW)                   | 703                          | 1       | 436250<br>568070 |
| 4      | <b>Discharge Consents</b><br>Operator: Northumbrian Water Limited<br>Property Type: Undefined Or Other<br>Location: River Drive Sewer, South Shields, Tyne And Wear<br>Authority: Environment Agency, North East Region<br>Catchment Area: Not Supplied<br>Reference: 235/1165<br>Permit Version: 1<br>Effective Date: 29th October 1992<br>Issued Date: 29th October 1992<br>Revocation Date: 19th July 1993<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company<br>Discharge: Saline Estuary<br>Environment: Tyne Estuary<br>Receiving Water: Tyne Estuary<br><b>Status:</b> Authorisation revokedRevoked<br>Positional Accuracy: Located by supplier to within 10m     | A17SE (NW)                   | 703                          | 1       | 436250<br>568070 |
| 5      | <b>Discharge Consents</b><br>Operator: Redundant - Northumbrian Water Ltd<br>Property Type: Undefined Or Other<br>Location: Union Quay Opposite No.4, North Shields<br>Authority: Environment Agency, North East Region<br>Catchment Area: Tyne (Lower)/Team/Don<br>Reference: 235/X/0281<br>Permit Version: 1<br>Effective Date: 16th July 1987<br>Issued Date: 16th July 1987<br>Revocation Date: 10th July 1996<br>Discharge Type: Unspecified<br>Discharge: Saline Estuary<br>Environment: Tyne Estuary<br>Receiving Water: Tyne Estuary<br><b>Status:</b> Authorisation revokedRevoked<br>Positional Accuracy: Located by supplier to within 100m                                              | A18NE (N)                    | 732                          | 1       | 436940<br>568360 |



## Agency & Hydrological

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Quadrant Reference (Compass) | Estimated Distance From Site | Contact | NGR              |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|---------|------------------|
| 6      | <b>Discharge Consents</b><br>Operator: Plant Services (Gateshead) Ltd<br>Property Type: Undefined Or Other<br>Location: Crompton Eternacell Limited, South Shields, Tyne And Wear<br>Authority: Environment Agency, North East Region<br>Catchment Area: Not Supplied<br>Reference: 235/1061<br>Permit Version: 1<br>Effective Date: 10th May 1991<br>Issued Date: 10th May 1991<br>Revocation Date: 15th February 1994<br>Discharge Type: Trade Discharge - Process Water<br>Discharge: Saline Estuary<br>Environment: Tyne Estuary<br>Receiving Water: Tyne Estuary<br><b>Status:</b> Authorisation revokedRevoked<br>Positional Accuracy: Located by supplier to within 10m                                                                                                                                                  | A17SE (NW)                   | 761                          | 1       | 436200<br>568100 |
| 7      | <b>Discharge Consents</b><br>Operator: Northumbrian Water Limited<br>Property Type: Sewerage Network - Pumping Station - Water Company<br>Location: Wapping Street Pumping Station, South Shields, South Tyneside<br>Authority: Environment Agency, North East Region<br>Catchment Area: Tyne (Lower)/Team/Don<br>Reference: 235/1642<br>Permit Version: 1<br>Effective Date: 7th August 1998<br>Issued Date: 7th August 1998<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Pumping Station - Water Company<br>Discharge: Saline Estuary<br>Environment: Tyne Saline Estuary<br>Receiving Water: Tyne Saline Estuary<br><b>Status:</b> 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  | A12NW (W)                    | 789                          | 1       | 436050<br>567900 |
| 8      | <b>Discharge Consents</b><br>Operator: Northumbrian Water Limited<br>Property Type: Sewerage Network - Pumping Station - Water Company<br>Location: Market Dock Pumping Station, South Shields, South Tyneside<br>Authority: Environment Agency, North East Region<br>Catchment Area: Tyne (Lower)/Team/Don<br>Reference: 235/1639<br>Permit Version: 1<br>Effective Date: 20th January 1999<br>Issued Date: 20th January 1999<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Pumping Station - Water Company<br>Discharge: Saline Estuary<br>Environment: Tyne Saline Estuary<br>Receiving Water: Tyne Saline Estuary<br><b>Status:</b> 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 | A12SW (W)                    | 827                          | 1       | 436000<br>567350 |
| 9      | <b>Discharge Consents</b><br>Operator: Redundant - Northumbrian Water Ltd<br>Property Type: Undefined Or Other<br>Location: Wapping Street Outfall A - B3, South Shields<br>Authority: Environment Agency, North East Region<br>Catchment Area: Not Supplied<br>Reference: 235/X/0078<br>Permit Version: 1<br>Effective Date: 28th April 1987<br>Issued Date: 28th April 1987<br>Revocation Date: 29th October 1992<br>Discharge Type: Unspecified<br>Discharge: Saline Estuary<br>Environment: Tyne Estuary<br>Receiving Water: Tyne Estuary<br><b>Status:</b> Authorisation revokedRevoked<br>Positional Accuracy: Located by supplier to within 10m                                                                                                                                                                          | A12NW (W)                    | 827                          | 1       | 435990<br>567840 |



## Agency & Hydrological

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Quadrant Reference (Compass) | Estimated Distance From Site | Contact | NGR              |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|---------|------------------|
| 9      | <b>Discharge Consents</b><br>Operator: Northumbrian Water Limited<br>Property Type: Undefined Or Other<br>Location: Wapping Street B3 Outfall, South Shields, Tyne And Wear<br>Authority: Environment Agency, North East Region<br>Catchment Area: Tyne (Lower)/Team/Don<br>Reference: 235/1166<br>Permit Version: 1<br>Effective Date: 29th October 1992<br>Issued Date: 29th October 1992<br>Revocation Date: 9th March 1999<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company<br>Discharge: Saline Estuary<br>Environment: Tyne Estuary<br>Receiving Water: Tyne Estuary<br><b>Status:</b> Authorisation revokedRevoked<br>Positional Accuracy: Located by supplier to within 100m                                                                                                    | A12NW (W)                    | 871                          | 1       | 435950<br>567860 |
| 10     | <b>Discharge Consents</b><br>Operator: Redundant - Northumbrian Water Ltd<br>Property Type: Undefined Or Other<br>Location: Wapping Street B4 Outfall, South Shields, Tyne And Wear<br>Authority: Environment Agency, North East Region<br>Catchment Area: Not Supplied<br>Reference: 235/X/0079<br>Permit Version: 1<br>Effective Date: 28th April 1987<br>Issued Date: 28th April 1987<br>Revocation Date: 29th October 1992<br>Discharge Type: Unspecified<br>Discharge: Saline Estuary<br>Environment: Tyne Estuary<br>Receiving Water: Tyne Estuary<br><b>Status:</b> Authorisation revokedRevoked<br>Positional Accuracy: Located by supplier to within 10m                                                                                                                                                    | A12NW (W)                    | 837                          | 1       | 435960<br>567750 |
| 10     | <b>Discharge Consents</b><br>Operator: Northumbrian Water Limited<br>Property Type: Sewage Disposal Works - Water Company<br>Location: Wapping Street Septic Tank, South Shields, South Tyneside<br>Authority: Environment Agency, North East Region<br>Catchment Area: Tyne (Lower)/Team/Don<br>Reference: 235/1643<br>Permit Version: 1<br>Effective Date: 7th August 1998<br>Issued Date: 7th August 1998<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company<br>Discharge: Saline Estuary<br>Environment: Tyne Saline Estuary<br>Receiving Water: Tyne Saline Estuary<br><b>Status:</b> 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 | A12NW (W)                    | 856                          | 1       | 435940<br>567750 |
| 10     | <b>Discharge Consents</b><br>Operator: Northumbrian Water Limited<br>Property Type: Undefined Or Other<br>Location: Wapping Street B4 Outfall, South Shields, Tyne And Wear<br>Authority: Environment Agency, North East Region<br>Catchment Area: Tyne (Lower)/Team/Don<br>Reference: 235/1167<br>Permit Version: 1<br>Effective Date: 29th October 1992<br>Issued Date: 29th October 1992<br>Revocation Date: 9th March 1999<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company<br>Discharge: Saline Estuary<br>Environment: Tyne Estuary<br>Receiving Water: Tyne Estuary<br><b>Status:</b> Authorisation revokedRevoked<br>Positional Accuracy: Located by supplier to within 100m                                                                                                    | A12NW (W)                    | 887                          | 1       | 435910<br>567760 |



## Agency & Hydrological

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Quadrant Reference (Compass) | Estimated Distance From Site | Contact | NGR              |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|---------|------------------|
| 11     | <b>Discharge Consents</b><br>Operator: Northumbrian Water Limited<br>Property Type: Sewerage Network - Sewers - Water Company<br>Location: Harton Low Staithes Cso, South Shields, South Tyneside<br>Authority: Environment Agency, North East Region<br>Catchment Area: Not Supplied<br>Reference: 235/1908<br>Permit Version: 1<br>Effective Date: 25th January 2005<br>Issued Date: 25th January 2005<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br>Discharge: Saline Estuary<br>Environment: Tyne Saline Estuary<br>Receiving Water: Tyne Saline Estuary<br><b>Status:</b> <b>New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b><br>Positional Accuracy: Located by supplier to within 10m | A12SW (W)                    | 842                          | 1       | 435970<br>567400 |
| 11     | <b>Discharge Consents</b><br>Operator: Northumbrian Water Limited<br>Property Type: Sewerage Network - Sewers - Water Company<br>Location: Harton Low Staithes Cso, South Shields, South Tyneside<br>Authority: Environment Agency, North East Region<br>Catchment Area: Tyne (Lower)/Team/Don<br>Reference: 235/1637<br>Permit Version: 1<br>Effective Date: 20th January 1999<br>Issued Date: 20th January 1999<br>Revocation Date: 25th January 2005<br>Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br>Discharge: Saline Estuary<br>Environment: Tyne Saline Estuary<br>Receiving Water: Tyne Saline Estuary<br><b>Status:</b> <b>Authorisation revokedRevoked</b><br>Positional Accuracy: Located by supplier to within 10m                                                              | A12SW (W)                    | 842                          | 1       | 435970<br>567400 |
| 12     | <b>Discharge Consents</b><br>Operator: Redundant - Northumbrian Water Ltd<br>Property Type: Undefined Or Other<br>Location: Lloyds Hailing Station Outfall 14, North Shields<br>Authority: Environment Agency, North East Region<br>Catchment Area: Tyne (Lower)/Team/Don<br>Reference: 235/X/0279<br>Permit Version: 1<br>Effective Date: 16th July 1987<br>Issued Date: 16th July 1987<br>Revocation Date: 1st July 1995<br>Discharge Type: Unspecified<br>Discharge: Saline Estuary<br>Environment: Tyne Estuary<br>Receiving Water: Tyne Estuary<br><b>Status:</b> <b>Authorisation revokedRevoked</b><br>Positional Accuracy: Located by supplier to within 100m                                                                                                                                                              | A18NW (N)                    | 847                          | 1       | 436520<br>568430 |
| 13     | <b>Discharge Consents</b><br>Operator: South Tyneside College<br>Property Type: Undefined Or Other<br>Location: Merchant Navy Fire Training Centre, Wapping Street, South Shields<br>Authority: Environment Agency, North East Region<br>Catchment Area: Not Supplied<br>Reference: 235/1849<br>Permit Version: 1<br>Effective Date: 6th November 2002<br>Issued Date: 6th November 2002<br>Revocation Date: Not Supplied<br>Discharge Type: Trade Discharges - Site Drainage<br>Discharge: Saline Estuary<br>Environment: River Tyne Saline Estuary<br>Receiving Water: River Tyne Saline Estuary<br><b>Status:</b> <b>New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b><br>Positional Accuracy: Located by supplier to within 10m                                      | A12NW (W)                    | 861                          | 1       | 435970<br>567890 |



## Agency & Hydrological

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Quadrant Reference (Compass) | Estimated Distance From Site | Contact | NGR              |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|---------|------------------|
| 14     | <b>Discharge Consents</b><br>Operator: Redundant - Northumbrian Water Ltd<br>Property Type: Undefined Or Other<br>Location: Spring Lane Outfall G - B5, South Shields<br>Authority: Environment Agency, North East Region<br>Catchment Area: Not Supplied<br>Reference: 235/X/0080<br>Permit Version: 1<br>Effective Date: 28th April 1987<br>Issued Date: 28th April 1987<br>Revocation Date: 29th October 1992<br>Discharge Type: Unspecified<br>Discharge: Saline Estuary<br>Environment: Tyne Estuary<br>Receiving Water: Tyne Estuary<br><b>Status:</b> <b>Authorisation revokedRevoked</b><br>Positional Accuracy: Located by supplier to within 10m                                                       | A7NW (SW)                    | 889                          | 1       | 435980<br>567230 |
| 14     | <b>Discharge Consents</b><br>Operator: Northumbrian Water Limited<br>Property Type: Undefined Or Other<br>Location: Spring Lane Sewer, South Shields, Tyne And Wear<br>Authority: Environment Agency, North East Region<br>Catchment Area: Tyne (Lower)/Team/Don<br>Reference: 235/1168<br>Permit Version: 1<br>Effective Date: 29th October 1992<br>Issued Date: 29th October 1992<br>Revocation Date: 9th March 1999<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company<br>Discharge: Saline Estuary<br>Environment: Tyne Estuary<br>Receiving Water: Tyne Estuary<br><b>Status:</b> <b>Authorisation revokedRevoked</b><br>Positional Accuracy: Located by supplier to within 100m | A7NW (SW)                    | 935                          | 1       | 435930<br>567230 |
| 15     | <b>Discharge Consents</b><br>Operator: Northumbrian Water Ltd<br>Property Type: Undefined Or Other<br>Location: Fish Quay Cso, NORTH SHIELDS<br>Authority: Environment Agency, North East Region<br>Catchment Area: Not Given<br>Reference: 235/1573<br>Permit Version: Not Supplied<br>Effective Date: Not Supplied<br>Issued Date: Not Supplied<br>Revocation Date: Not Supplied<br>Discharge Type: Storm sewage overflow discharge<br>Discharge: Saline Estuary<br>Environment: Tyne Estuary<br>Receiving Water: Tyne Estuary<br><b>Status:</b> <b>Not Supplied</b><br>Positional Accuracy: Located by supplier to within 100m                                                                                | A17NE (NW)                   | 890                          | 1       | 436445<br>568445 |
| 15     | <b>Discharge Consents</b><br>Operator: Northumbrian Water Ltd<br>Property Type: Undefined Or Other<br>Location: Fish Quay Cso, NORTH SHIELDS<br>Authority: Environment Agency, North East Region<br>Catchment Area: Not Given<br>Reference: 235/1573<br>Permit Version: Not Supplied<br>Effective Date: Not Supplied<br>Issued Date: Not Supplied<br>Revocation Date: Not Supplied<br>Discharge Type: Unknown<br>Discharge: Saline Estuary<br>Environment: Tyne Estuary<br>Receiving Water: Tyne Estuary<br><b>Status:</b> <b>Not Supplied</b><br>Positional Accuracy: Located by supplier to within 100m                                                                                                        | A17NE (NW)                   | 892                          | 1       | 436440<br>568445 |



## Agency & Hydrological

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Quadrant Reference (Compass) | Estimated Distance From Site | Contact | NGR              |
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| 16     | <b>Discharge Consents</b><br>Operator: Northumbrian Water Limited<br>Property Type: Sewerage Network - Pumping Station - Water Company<br>Location: Coronation Street Pumping Station, South Shields, Tyne & Wear<br>Authority: Environment Agency, North East Region<br>Catchment Area: Not Supplied<br>Reference: 235/1906<br>Permit Version: 1<br>Effective Date: 24th January 2005<br>Issued Date: 24th January 2005<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Pumping Station - Water Company<br>Discharge: Saline Estuary<br>Environment: Tyne Estuary<br>Receiving Water: Tyne Estuary<br><b>Status:</b> <b>New Consent, by Application (Water Resources Act 1991, Section 88)</b><br>Positional Accuracy: Located by supplier to within 10m               | A7SE (SW)                    | 899                          | 1       | 436180<br>566930 |
| 16     | <b>Discharge Consents</b><br>Operator: Northumbrian Water Limited<br>Property Type: Sewerage Network - Pumping Station - Water Company<br>Location: Coronation Street Pumping Station, South Shields, Tyne & Wear<br>Authority: Environment Agency, North East Region<br>Catchment Area: Not Supplied<br>Reference: 235/1906<br>Permit Version: 1<br>Effective Date: 24th January 2005<br>Issued Date: 24th January 2005<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br>Discharge: Saline Estuary<br>Environment: Tyne Estuary<br>Receiving Water: Tyne Estuary<br><b>Status:</b> <b>New Consent, by Application (Water Resources Act 1991, Section 88)</b><br>Positional Accuracy: Located by supplier to within 10m | A7SE (SW)                    | 899                          | 1       | 436180<br>566930 |
| 16     | <b>Discharge Consents</b><br>Operator: Northumbrian Water Limited<br>Property Type: Sewerage Network - Pumping Station - Water Company<br>Location: Coronation Street Pumping Station, South Shields, Tyne & Wear<br>Authority: Environment Agency, North East Region<br>Catchment Area: Tyne (Lower)/Team/Don<br>Reference: 235/1173<br>Permit Version: 1<br>Effective Date: 10th December 1992<br>Issued Date: 10th December 1992<br>Revocation Date: 24th January 2005<br>Discharge Type: Sewage Discharges - Pumping Station - Water Company<br>Discharge: Saline Estuary<br>Environment: Tyne Estuary<br>Receiving Water: Tyne Estuary<br><b>Status:</b> <b>Authorisation revokedRevoked</b><br>Positional Accuracy: Located by supplier to within 10m                                     | A7SE (SW)                    | 899                          | 1       | 436180<br>566930 |
| 16     | <b>Discharge Consents</b><br>Operator: Northumbrian Water Limited<br>Property Type: Sewerage Network - Pumping Station - Water Company<br>Location: Coronation Street Pumping Station, South Shields, Tyne & Wear<br>Authority: Environment Agency, North East Region<br>Catchment Area: Tyne (Lower)/Team/Don<br>Reference: 235/1173<br>Permit Version: 1<br>Effective Date: 10th December 1992<br>Issued Date: 10th December 1992<br>Revocation Date: 24th January 2005<br>Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br>Discharge: Saline Estuary<br>Environment: Tyne Estuary<br>Receiving Water: Tyne Estuary<br><b>Status:</b> <b>Authorisation revokedRevoked</b><br>Positional Accuracy: Located by supplier to within 10m                       | A7SE (SW)                    | 899                          | 1       | 436180<br>566930 |



## Agency & Hydrological

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Quadrant Reference (Compass) | Estimated Distance From Site | Contact | NGR              |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|---------|------------------|
| 17     | <b>Discharge Consents</b><br>Operator: Redundant - Northumbrian Water Ltd<br>Property Type: Undefined Or Other<br>Location: Harton Low Staithes North - B6, South Shields<br>Authority: Environment Agency, North East Region<br>Catchment Area: Not Supplied<br>Reference: 235/X/0081<br>Permit Version: 1<br>Effective Date: 28th April 1987<br>Issued Date: 28th April 1987<br>Revocation Date: 29th October 1992<br>Discharge Type: Unspecified<br>Discharge: Saline Estuary<br>Environment: Tyne Estuary<br>Receiving Water: Tyne Estuary<br><b>Status:</b> <b>Authorisation revokedRevoked</b><br>Positional Accuracy: Located by supplier to within 10m                                                                                                                                          | A7NW (SW)                    | 935                          | 1       | 435990<br>567110 |
| 18     | <b>Discharge Consents</b><br>Operator: Northumbrian Water Limited<br>Property Type: Sewerage Network - Sewers - Water Company<br>Location: Fish Quay Cso, North Shields, Tyne & Wear<br>Authority: Environment Agency, North East Region<br>Catchment Area: Not Supplied<br>Reference: 235/1914<br>Permit Version: 1<br>Effective Date: 25th January 2005<br>Issued Date: 25th January 2005<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br>Discharge: Saline Estuary<br>Environment: Tyne Estuary<br>Receiving Water: Tyne Estuary<br><b>Status:</b> <b>New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b><br>Positional Accuracy: Located by supplier to within 10m | A17NE (NW)                   | 938                          | 1       | 436350<br>568450 |
| 18     | <b>Discharge Consents</b><br>Operator: Northumbrian Water Limited<br>Property Type: Sewerage Network - Sewers - Water Company<br>Location: Fish Quay Cso, North Shields, Tyne & Wear<br>Authority: Environment Agency, North East Region<br>Catchment Area: Not Given<br>Reference: 235/1573<br>Permit Version: 1<br>Effective Date: 26th January 1996<br>Issued Date: 26th January 1996<br>Revocation Date: 25th January 2005<br>Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br>Discharge: Saline Estuary<br>Environment: Tyne Estuary<br>Receiving Water: Tyne Estuary<br><b>Status:</b> <b>Authorisation revokedRevoked</b><br>Positional Accuracy: Located by supplier to within 10m                                                                          | A17NE (NW)                   | 938                          | 1       | 436350<br>568450 |
| 18     | <b>Discharge Consents</b><br>Operator: Redundant - Northumbrian Water Ltd<br>Property Type: Undefined Or Other<br>Location: Charlotte Street/Beacon Street - A2, North Shields<br>Authority: Environment Agency, North East Region<br>Catchment Area: Tyne (Lower)/Team/Don<br>Reference: 235/X/0037<br>Permit Version: 1<br>Effective Date: 11th February 1987<br>Issued Date: 11th February 1987<br>Revocation Date: 1st July 1996<br>Discharge Type: Unspecified<br>Discharge: Saline Estuary<br>Environment: Tyne Estuary<br>Receiving Water: Tyne Estuary<br><b>Status:</b> <b>Authorisation revokedRevoked</b><br>Positional Accuracy: Located by supplier to within 100m                                                                                                                         | A17NE (NW)                   | 952                          | 1       | 436340<br>568460 |



## Agency & Hydrological

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Quadrant Reference (Compass) | Estimated Distance From Site | Contact | NGR              |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|---------|------------------|
| 18     | <b>Discharge Consents</b><br>Operator: Redundant - Northumbrian Water Ltd<br>Property Type: Undefined Or Other<br>Location: Charlotte Street/Beacon Street - A2, North Shields<br>Authority: Environment Agency, North East Region<br>Catchment Area: Tyne (Lower)/Team/Don<br>Reference: 235/X/0038<br>Permit Version: 1<br>Effective Date: 11th February 1987<br>Issued Date: 11th February 1987<br>Revocation Date: 1st July 1996<br>Discharge Type: Unspecified<br>Discharge: Saline Estuary<br>Environment: Tyne Estuary<br>Receiving Water: Tyne Estuary<br><b>Status:</b> <b>Authorisation revokedRevoked</b><br>Positional Accuracy: Located by supplier to within 10m                                                             | A17NE (NW)                   | 952                          | 1       | 436340<br>568460 |
| 19     | <b>Discharge Consents</b><br>Operator: Northumbrian Water Limited<br>Property Type: Undefined Or Other<br>Location: Fish Quay Storm Sewage Overflow, North Shields, Tyne And Wear<br>Authority: Environment Agency, North East Region<br>Catchment Area: Tyne (Lower)/Team/Don<br>Reference: 235/1479<br>Permit Version: 1<br>Effective Date: 5th September 1994<br>Issued Date: 5th September 1994<br>Revocation Date: 26th January 1996<br>Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br>Discharge: Saline Estuary<br>Environment: Tyne Estuary<br>Receiving Water: Tyne Estuary<br><b>Status:</b> <b>Authorisation revokedRevoked</b><br>Positional Accuracy: Located by supplier to within 100m | A18NW (N)                    | 945                          | 1       | 436480<br>568520 |
| 20     | <b>Discharge Consents</b><br>Operator: Redundant - Northumbrian Water Ltd<br>Property Type: Undefined Or Other<br>Location: Cliffords Fort/Life Boat House Outf, North Shields<br>Authority: Environment Agency, North East Region<br>Catchment Area: Tyne (Lower)/Team/Don<br>Reference: 235/X/0282<br>Permit Version: 1<br>Effective Date: 16th July 1987<br>Issued Date: 16th July 1987<br>Revocation Date: 1st July 1996<br>Discharge Type: Unspecified<br>Discharge: Saline Estuary<br>Environment: Tyne Estuary<br>Receiving Water: Tyne Estuary<br><b>Status:</b> <b>Authorisation revokedRevoked</b><br>Positional Accuracy: Located by supplier to within 100m                                                                    | A17NE (NW)                   | 973                          | 1       | 436430<br>568530 |
| 21     | <b>Integrated Pollution Controls</b><br>Name: Crompton Etemacell Ltd<br>Location: River Drive, SOUTH SHIELDS, Tyne And Wear, NE33 2TR<br>Authority: Environment Agency, North East Region<br>Permit Reference: AL0354<br>Dated: 11th November 1993<br>Process Type: Application since found to be exempt from IPC<br>Description: Not Given<br><b>Status:</b> <b>Application since found to be exempt from IPCExempt</b><br>Positional Accuracy: Unknown                                                                                                                                                                                                                                                                                   | A17SE (NW)                   | 704                          | 1       | 436228<br>568044 |
| 22     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Streamline Garages Ltd<br>Location: Franklin Street, SOUTH SHIELDS, Tyne and Wear, NE33<br>Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department<br>Permit Reference: 0.48/6.5(b)<br>Dated: Not Supplied<br>Process Type: Local Authority Air Pollution Control<br>Description: PG6/34 Respraying of road vehicles<br><b>Status:</b> <b>Authorised</b><br>Positional Accuracy: Manually positioned to the road within the address or location                                                                                                                                                                                          | A7NE (SW)                    | 701                          | 2       | 436425<br>566991 |



## Agency & Hydrological

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Quadrant Reference (Compass) | Estimated Distance From Site | Contact | NGR              |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|---------|------------------|
| 23     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Town Hall Service Station<br>Location: Crossgate, SOUTH SHIELDS, Tyne and Wear, NE33 5QX<br>Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department<br>Permit Reference: 005/L.2(D)<br>Dated: Not Supplied<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG1/14 Petrol filling station<br><b>Status:</b> <b>Permitted</b><br>Positional Accuracy: Manually positioned to the address or location                     | A8SW (S)                     | 824                          | 2       | 436506<br>566814 |
| 24     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Sutherlands<br>Location: Coronation Street, SOUTH SHIELDS, Tyne and Wear, NE33 1AS<br>Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department<br>Permit Reference: 070/L.4(B)<br>Dated: Not Supplied<br>Process Type: Local Authority Air Pollution Control<br>Description: PG1/14 Petrol filling station<br><b>Status:</b> <b>Application Not Yet Authorised</b><br>Positional Accuracy: Manually positioned to the road within the address or location | A7NE (SW)                    | 851                          | 2       | 436162<br>567017 |
|        | <b>Nearest Surface Water Feature</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | A13NW (NW)                   | 323                          | -       | 436583<br>567866 |
| 25     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Other General Premises<br>Location: The Groyne, SOUTH SHIELDS<br>Authority: Environment Agency, North East Region<br>Pollutant: Oils - Other Oil<br>Note: No Fish Killed<br>Incident Date: 8th January 1995<br>Incident Reference: NT950275<br>Catchment Area: Lower Tyne<br>Receiving Water: Saline Estuary<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                                | A18NW (N)                    | 673                          | 1       | 436700<br>568300 |
| 26     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Other General Premises<br>Location: NORTH SHIELDS<br>Authority: Environment Agency, North East Region<br>Pollutant: Not Given<br>Note: Tyne Estuary<br>Incident Date: 23rd September 1994<br>Incident Reference: 235/002493<br>Catchment Area: Not Given<br>Receiving Water: No Pollution<br>Cause of Incident: Other Cause<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                                                 | A18NW (N)                    | 793                          | 1       | 436600<br>568400 |
| 27     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Industrial Premises<br>Location: South Shields - Plant Discharge<br>Authority: Environment Agency, North East Region<br>Pollutant: Not Given<br>Note: Tyne Estuary<br>Incident Date: 9th January 1992<br>Incident Reference: 235/001031<br>Catchment Area: Not Given<br>Receiving Water: Saline Estuary<br>Cause of Incident: Trade Effluent Non-Complying<br>Incident Severity: Category 2 - Significant Incident<br>Positional Accuracy: Located by supplier to within 100m            | A12NW (W)                    | 836                          | 1       | 436000<br>567900 |
| 28     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Vessel<br>Location: NORTH SHIELDS<br>Authority: Environment Agency, North East Region<br>Pollutant: Not Given<br>Note: Tyne Estuary<br>Incident Date: 29th July 1993<br>Incident Reference: 235/002018<br>Catchment Area: Not Given<br>Receiving Water: Saline Estuary<br>Cause of Incident: Oil Boat/Ship<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                                                                  | A17NE (NW)                   | 870                          | 1       | 436400<br>568400 |



## Agency & Hydrological

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Quadrant Reference (Compass) | Estimated Distance From Site | Contact | NGR              |
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| 29     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Ships/Boats<br>Location: Tyne Estuary, SOUTH SHIELDS<br>Authority: Environment Agency, North East Region<br>Pollutant: Oils - Gas Oil<br>Note: Pollution Found; No Fish Killed<br>Incident Date: 6th August 1996<br>Incident Reference: NT960228<br>Catchment Area: Lower Tyne<br>Receiving Water: Saline Estuary<br>Cause of Incident: Unknown<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                         | A18NE (N)                    | 881                          | 1       | 437000<br>568500 |
| 30     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Vessel<br>Location: NORTH SHIELDS<br>Authority: Environment Agency, North East Region<br>Pollutant: Not Given<br>Note: Tyne Estuary<br>Incident Date: 20th May 1993<br>Incident Reference: 235/001904<br>Catchment Area: Not Given<br>Receiving Water: Saline Estuary<br>Cause of Incident: Oil General Spillage<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                                                        | A17NE (NW)                   | 902                          | 1       | 436200<br>568300 |
| 31     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Construction<br>Location: Market Dock, SOUTH SHIELDS<br>Authority: Environment Agency, North East Region<br>Pollutant: Miscellaneous - Inert Suspended Solids<br>Note: No Fish Killed<br>Incident Date: 30th April 1996<br>Incident Reference: NT960124<br>Catchment Area: Lower Tyne<br>Receiving Water: Saline Estuary<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                | A12SW (W)                    | 910                          | 1       | 435900<br>567400 |
| 31     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Construction<br>Location: Market Dock, SOUTH SHIELDS<br>Authority: Environment Agency, North East Region<br>Pollutant: Miscellaneous - Inert Suspended Solids<br>Note: Pollution Found; No Fish Killed<br>Incident Date: 30th April 1996<br>Incident Reference: NT960124<br>Catchment Area: Lower Tyne<br>Receiving Water: Saline Estuary<br>Cause of Incident: Unknown<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A12SW (W)                    | 911                          | 1       | 435900<br>567395 |
| 32     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Other General Premises<br>Location: Tyne At, NORTH SHIELDS<br>Authority: Environment Agency, North East Region<br>Pollutant: Oils - Diesel (Including Agricultural)<br>Note: No Fish Killed<br>Incident Date: 14th May 1995<br>Incident Reference: NT950142<br>Catchment Area: Lower Tyne<br>Receiving Water: Saline Estuary<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m            | A17SW (NW)                   | 980                          | 1       | 436000<br>568200 |
| 33     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Vessel<br>Location: SOUTH SHIELDS<br>Authority: Environment Agency, North East Region<br>Pollutant: Not Given<br>Note: North Sea<br>Incident Date: 28th May 1994<br>Incident Reference: 235/002364<br>Catchment Area: Not Given<br>Receiving Water: Coastal Water<br>Cause of Incident: Oil Boat/Ship<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                                                                   | A14SE (E)                    | 982                          | 1       | 437800<br>567400 |



## Agency & Hydrological

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Quadrant Reference (Compass) | Estimated Distance From Site | Contact | NGR              |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|---------|------------------|
| 34     | <b>Registered Radioactive Substances</b><br>Name: Aker Moulty<br>Location: Commercial Road, South Shields, SOUTH SHIELDS, Tyne And Wear, NE33 1RZ<br>Authority: Environment Agency, North East Region<br>Permit Reference: AZ3461<br>Dated: 25th July 1997<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: <b>Authorisation either revoked or cancelledCancelled</b><br>Positional Accuracy: Unknown                                                                                                                                                                                                                              | A7NW (SW)                    | 909                          | 1       | 436100<br>567000 |
|        | <b>Groundwater Vulnerability</b><br>Geological Classification: Minor Aquifer (Variably permeable) - These can be fractured or potentially fractured rocks, which do not have a high primary permeability, or other formations of variable permeability including unconsolidated deposits. Although not producing large quantities of water for abstraction, they are important for local supplies and in supplying base flow to rivers<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 (NE)                   | 0                            | 1       | 437091<br>567933 |
|        | <b>Drift Deposits</b><br>Drift Deposit: Low permeability drift deposits occurring 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                                                                                                                                                                                                                                                                                                                                                                                                                                                    | A13NE (NE)                   | 0                            | 1       | 436885<br>567660 |
|        | <b>Extreme Flooding from Rivers or Sea without Defences</b><br>None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                              |                              |         |                  |
|        | <b>Flooding from Rivers or Sea without Defences</b><br>None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                              |                              |         |                  |
|        | <b>Areas Benefiting from Flood Defences</b><br>None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                              |                              |         |                  |
|        | <b>Flood Water Storage Areas</b><br>None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                              |                              |         |                  |
|        | <b>Flood Defences</b><br>None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                              |                              |         |                  |



## Waste

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Quadrant Reference (Compass) | Estimated Distance From Site | Contact | NGR              |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|---------|------------------|
| 35     | <b>Historical Landfill Sites</b><br>Licence Holder: Not Supplied<br>Location: The Promenade, South Shields<br>Name: Herd Sand<br>Operator Location: Not Supplied<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD03495<br>First Input Date: Not Supplied<br>Last Input Date: Not Supplied<br>Specified Waste: Deposited Waste included Industrial, Commercial and Household Waste<br>Type:<br>EA Waste Ref: Not Supplied<br>Regis Ref: Not Supplied<br>WRC Ref: 45000274<br>BGS Ref: Not Supplied<br>Other Ref: 1300/ST032, ST 28                                                                                                                                                                                  | A14NW (E)                    | 607                          | 1       | 437446<br>567629 |
| 36     | <b>Historical Landfill Sites</b><br>Licence Holder: Mowlem Northern Limited<br>Location: Wapping Street, The Lawe, South Shield, Tyne and Wear<br>Name: Brigham and Cowans<br>Operator Location: Not Supplied<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD06263<br>First Input Date: 21st October 1986<br>Last Input Date: 1st December 1986<br>Specified Waste: Deposited Waste included Inert Waste<br>Type:<br>EA Waste Ref: 0<br>Regis Ref: YO1/L/MOW001<br>WRC Ref: 4500/0082<br>BGS Ref: Not Supplied<br>Other Ref: TW 151 ST, ST 047                                                                                                                                                                    | A12SW (W)                    | 810                          | 1       | 435979<br>567529 |
| 37     | <b>Licensed Waste Management Facilities (Locations)</b><br>Licence Number: 0<br>Location: River Drive, South Shields, Tyne & Wear, NE33 1LH<br>Operator Name: Velva Liquids ( North Shields ) Ltd<br>Operator Location: River Drive, South Shields, Tyne & Wear, NE3 1LH<br>Authority: Environment Agency - North East Region, Northumbria Area<br>Site Category: Special Waste Transfer Stations<br><b>Licence Status:</b> Surrendered<br>Issued: 21st July 1977<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                         | A12NE (NW)                   | 652                          | 1       | 436200<br>567900 |
| 38     | <b>Licensed Waste Management Facilities (Locations)</b><br>Licence Number: 0<br>Location: South Shields, Tyne & Wear, NE33<br>Operator Name: Mowlem Northern Ltd<br>Operator Location: Saltmeadows Road, East Gateshead Ind Est, Gateshead, Tyne & Wear, NE8 3AH<br>Authority: Environment Agency - North East Region, Northumbria Area<br>Site Category: Landfills Taking Non-biodegradable Wastes (Not Construction)<br><b>Licence Status:</b> Surrendered<br>Issued: 21st October 1986<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 | A12SW (W)                    | 892                          | 1       | 435900<br>567500 |



## Waste

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Quadrant Reference (Compass) | Estimated Distance From Site | Contact | NGR              |
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| 39     | <b>Licensed Waste Management Facilities (Locations)</b><br>Licence Number: 67536<br>Location: Oyston Street, South Shields, Tyne & Wear, NE33 1AT<br>Operator Name: Woodward David<br>Operator Location: 108 Hardie Drive, West Boldon, East Boldon, Tyne & Wear, NE36 0JL<br>Authority: Environment Agency - North East Region, Northumbria Area<br>Site Category: Metal Recycling Sites (Mixed)<br><b>Licence Status:</b> Surrendered<br>Issued: 27th April 1995<br>Last Modified: Not Supplied<br>Expires: Not Supplied<br>Suspended: Not Supplied<br>Revoked: Not Supplied<br>Surrendered: 8th February 2002<br>IPPC Reference: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m                                                                                                                                                                                                                                                                                                                                                                                                               | A7NW (SW)                    | 909                          | 1       | 436100<br>567000 |
| 40     | <b>Licensed Waste Management Facilities (Locations)</b><br>Licence Number: 67550<br>Location: Fish Quay, Clifford Fort Moat, North Shields, Tyne & Wear, NE30 1JE<br>Operator Name: North Tyneside Council - Head Of Environment<br>Operator Location: 55 Fish Quay, North Shields, Tyne & Wear, NE30 1JA<br>Authority: Environment Agency - North East Region, Northumbria Area<br>Site Category: Household, Commercial And Industrial Transfer Stations<br><b>Licence Status:</b> Modified<br>Issued: 25th March 1993<br>Last Modified: Not Supplied<br>Expires: Not Supplied<br>Suspended: Not Supplied<br>Revoked: Not Supplied<br>Surrendered: Not Supplied<br>IPPC Reference: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m                                                                                                                                                                                                                                                                                                                                                               | A17NE (NW)                   | 922                          | 1       | 436300<br>568400 |
|        | <b>Local Authority Landfill Coverage</b><br>Name: South Tyneside Metropolitan Borough Council<br>- Has no landfill data to supply                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                              | 0                            | 4       | 436429<br>568317 |
|        | <b>Local Authority Landfill Coverage</b><br>Name: North Tyneside Metropolitan District Council<br>- Has supplied landfill data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                              | 783                          | 8       | 436429<br>568317 |
| 41     | <b>Registered Landfill Sites</b><br>Licence Holder: Mowlem Northern Ltd<br>Licence Reference: TW 151 ST<br>Site Location: Brigham & Cowan Dry Dock Yard, South Shields, Tyne And Wear<br>Licence Easting: 435930<br>Licence Northing: 567600<br>Operator Location: Saltmeadows Road, Easr Gateshead Industrial Estate, GATESHEAD, Tyne and Wear, NE8 3AH<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: No known restriction on source of waste<br>Restrictions:<br>Status: Licence known to be surrenderedSurrendered<br>Dated: 21st October 1986<br>Preceded By: Not Given<br>Licence:<br>Superseded By: Not Given<br>Licence:<br>Positional Accuracy: Manually positioned to the address or location<br>Boundary Accuracy: Not Applicable<br>Authorised Waste: Tyne And Wear, Renfrew C -Rubble *<br>Tyne And Wear, Renfrew Di -Coh.Inorg *<br>Tyne And Wear, Renfrew Dii -Coh.Inorg *<br>Tyne And Wear, Renfrew E -Fric.Inorg *<br>Prohibited Waste: Waste N.O.S | A12SW (W)                    | 855                          | 1       | 435930<br>567600 |



## Waste

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Quadrant Reference (Compass) | Estimated Distance From Site | Contact | NGR              |
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| 42     | <b>Registered Waste Transfer Sites</b><br>Licence Holder: Velva Liquids Ltd<br>Licence Reference: TW 28 ST<br>Site Location: River Drive, SOUTH SHIELDS, Tyne and Wear, NE33 1LH<br>Operator Location: As Site Address<br>Authority: Environment Agency - North East Region, Northumbria Area<br>Site Category: Transfer<br>Max Input Rate: Undefined<br>Waste Source: No known restriction on source of waste<br>Restrictions:<br>Licence Status: Licence known to be surrenderedSurrendered<br>Dated: 21st June 1977<br>Preceded By: Not Given<br>Licence:<br>Superseded By: Not Given<br>Licence:<br>Positional Accuracy: Manually positioned to the road within the address or location<br>Boundary Quality: Not Supplied<br>Authorised Waste: Liquid Wastes<br>Environment Agency: Notifiable Wastes<br>requires prior notification before waste can be acceptedWaste requires approval<br>Special Wastes<br>Environment Agency Tyne And Wear G *<br>must give specific authorisation for this waste to be acceptedWaste requires prior approval | A12NW (W)                    | 743                          | 1       | 436100<br>567900 |
| 43     | <b>Registered Waste Transfer Sites</b><br>Licence Holder: North Tyneside Council<br>Licence Reference: TW 357 NT<br>Site Location: Fish Quay Ship Compound, Clifford Ford Moat, North Shields, Tyne And Wear<br>Operator Location: Graham House, Whitley Road, BENTON, Tyne and Wear, NE12 9TQ<br>Authority: Environment Agency - North East Region, Northumbria Area<br>Site Category: Transfer<br>Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year)<br>Waste Source: No known restriction on source of waste<br>Restrictions:<br>Licence Status: Operational as far as is knownOperational<br>Dated: 25th March 1993<br>Preceded By: TW9 29 NT<br>Licence:<br>Superseded By: Not Given<br>Licence:<br>Positional Accuracy: Manually positioned to the road within the address or location<br>Boundary Quality: Not Supplied<br>Authorised Waste: Normal House, Com + Ind.Waste<br>Road Sweepings<br>Prohibited Waste: Clinical Wastes<br>Spec.Waste (Epa'90:S62/1996 Regs)<br>Waste N.O.S.               | A17NE (NW)                   | 992                          | 1       | 436250<br>568450 |
| 43     | <b>Registered Waste Transfer Sites</b><br>Licence Holder: North Tyneside M.B.C.<br>Licence Reference: TW9 29 NT<br>Site Location: Fish Quay, North Shields, Tyne And Wear<br>Operator Location: Kent Avenue, Willington Quay, WALLSEND, Tyne and Wear, NE28 0EE<br>Authority: Environment Agency - North East Region, Northumbria Area<br>Site Category: Transfer<br>Max Input Rate: Undefined<br>Waste Source: Some restriction on source of waste<br>Restrictions:<br>Licence Status: Record supersededSuperseded<br>Dated: 1st July 1990<br>Preceded By: Not Given<br>Licence:<br>Superseded By: TW 357 NT<br>Licence:<br>Positional Accuracy: Manually positioned to the road within the address or location<br>Boundary Quality: Not Supplied<br>Authorised Waste: Licenced Wastes Not To Hand<br>Market/Fish Quay Wastes                                                                                                                                                                                                                        | A17NE (NW)                   | 992                          | 1       | 436250<br>568450 |



## Waste

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Quadrant Reference (Compass) | Estimated Distance From Site | Contact | NGR              |
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| 44     | <b>Registered Waste Treatment or Disposal Sites</b><br>Licence Holder: D Woodward<br>Licence Reference: TW 340 ST<br>Site Location: Old Gas Yard, Oyston Street, SOUTH SHIELDS, Tyne and Wear, NE33 1AT<br>Operator Location: 108 Hardie Drive, WEST BOLDON, Tyne and Wear, NE36 0JL<br>Authority: Environment Agency - North East Region, Northumbria Area<br>Site Category: Scrapyard<br>Max Input Rate: Very Small (Less than 10,000 tonnes per year)<br>Waste Source: No known restriction on source of waste<br>Restrictions:<br>Licence Status: Operational as far as is knownOperational<br>Dated: 27th April 1995<br>Preceded By: Not Given<br>Licence:<br>Superseded By: Not Given<br>Licence:<br>Positional Accuracy: Manually positioned to the road within the address or location<br>Boundary Quality: Not Supplied<br>Authorised Waste: Motor Vehicles & Assoc.Parts<br>Prohibited Waste: Spec.Waste (Epa'90:S62/1996 Regs)N.O.S<br>Waste N.O.S. | A7NE (SW)                    | 851                          | 1       | 436230<br>566950 |



## Hazardous Substances

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Quadrant Reference (Compass) | Estimated Distance From Site | Contact | NGR           |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|---------|---------------|
| 45     | <b>Control of Major Accident Hazards Sites (COMAH)</b><br>Name: Transco Plc<br>Location: South Shields Holder Station, Oyston Street, SOUTH SHIELDS, Tyne & Wear, NE33 1AT<br>Reference: Not Supplied<br>Type: Lower Tier<br>Status: <b>Record Ceased To Be Supplied Under COMAH Regulations</b><br>Positional Accuracy: Manually positioned to the address or location                                                                                                                                                                                                                                                                                                                          | A7NE (SW)                    | 774                          | 3       | 436309 566984 |
| 46     | <b>Notification of Installations Handling Hazardous Substances (NIHHS)</b><br>Name: Transco.<br>Location: Oyston Street, South Shields, Tyne & Wear, Ne33 1At<br>Status: <b>Active</b><br>Positional Accuracy: Manually positioned to the address or location                                                                                                                                                                                                                                                                                                                                                                                                                                    | A7NE (SW)                    | 768                          | 3       | 436316 566985 |
| 47     | <b>Planning Hazardous Substance Consents</b><br>Name: Transco Plc<br>Location: Gas Holder, Oyston Street, South Shields, Tyne And Wear<br>Authority: South Tyneside Metropolitan Borough Council, Planning Department<br>Application Ref: ST/0228/01/Dm<br>Hazardous: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not)<br>Substance: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not)<br>Maximum Quantity: 0<br>Application date: 14th March 2001<br>Decision: <b>Unknown at time of reportUnknown</b><br>Positional Accuracy: Manually positioned to the address or location                            | A7NE (SW)                    | 766                          | 4       | 436309 566994 |
| 47     | <b>Planning Hazardous Substance Consents</b><br>Name: British Gas Northern Engineering<br>Location: Gas Holder, Oyston Street, South Shields, Tyne & Wear, Ne33 2ht<br>Authority: South Tyneside Metropolitan Borough Council, Planning Department<br>Application Ref: ST/SC/92/02<br>Hazardous: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not)<br>Substance: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not)<br>Maximum Quantity: 60<br>Application date: 19th October 1992<br>Decision: <b>Deemed Consent GrantedGranted</b><br>Positional Accuracy: Manually positioned to the address or location | A7NE (SW)                    | 773                          | 4       | 436303 566989 |



## Geological

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Quadrant Reference (Compass) | Estimated Distance From Site | Contact | NGR           |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|---------|---------------|
| 48     | <b>BGS Recorded Mineral Sites</b><br>Site Name: Herd Sand<br>Location: Herd Sand, Westoe, South Shields, Tyne & Wear<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 12015<br>Type: Opencast<br>Status: <b>Ceased</b><br>Operator: Unknown Operator<br>Operator Location: Not Supplied<br>Periodic Type: Quaternary<br>Geology: Blown Sand<br>Commodity: Sand<br>Positional Accuracy: Located by supplier to within 10m                                               | A9NW (SE)                    | 670                          | 5       | 437420 567270 |
| 49     | <b>BGS Recorded Mineral Sites</b><br>Site Name: Westoe Colliery<br>Location: Westoe, South Shields<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 4060<br>Type: Underground<br>Status: <b>Ceased</b><br>Operator: British Coal - North East Group<br>Operator Location: Ryhope Road, Sunderland, SR2 9ry<br>Periodic Type: Carboniferous<br>Geology: Pennine Coal Measures Group<br>Commodity: Coal - Deep<br>Positional Accuracy: Located by supplier to within 10m | A9SW (SE)                    | 838                          | 5       | 437205 566850 |
|        | <b>BGS 1:625,000 Solid Geology</b><br>Description: Westphalian Coal Measures                                                                                                                                                                                                                                                                                                                                                                                                                                      | A13NW (N)                    | 0                            | 5       | 436806 567661 |
|        | <b>Coal Mining Affected Areas</b><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.                                                                                                                                                                                                                                          | A25NW (NE)                   | 0                            | 6       | 438000 569000 |
|        | <b>Mining Instability</b><br>Mining Evidence: Inconclusive Coal Mining<br>Source: Ove Arup & Partners<br>Boundary Quality: As Supplied                                                                                                                                                                                                                                                                                                                                                                            | (NE)                         | 0                            | -       | 438500 569000 |
|        | <b>Potential for Collapsible Ground Stability Hazards</b><br>No Hazard                                                                                                                                                                                                                                                                                                                                                                                                                                            |                              |                              |         |               |
|        | <b>Potential for Compressible Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                                                                                                                                                                           | A8NE (S)                     | 0                            | 5       | 436875 567150 |
|        | <b>Potential for Ground Dissolution Stability Hazards</b><br>No Hazard                                                                                                                                                                                                                                                                                                                                                                                                                                            |                              |                              |         |               |
|        | <b>Potential for Landslide Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                                                                                                                                                                               | A13NE (NE)                   | 0                            | 5       | 436875 567650 |
|        | <b>Potential for Landslide Ground Stability Hazards</b><br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                                                                                                                                                                                    | A13NE (NE)                   | 49                           | 5       | 436875 567650 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                                                                                                                                                                            | A13NE (NE)                   | 0                            | 5       | 436875 567650 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                                                                                                                                                                                 | A13NE (NE)                   | 49                           | 5       | 436875 567650 |
|        | <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                                                                                                                                                              | A13NE (NE)                   | 0                            | 5       | 436875 567650 |
|        | <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                                                                                                                                                             | A13NE (NE)                   | 49                           | 5       | 436875 567650 |
|        | <b>Radon Potential - Radon Affected Areas</b><br>Affected Area: The property is not in a radon affected area, as less than 1% of homes are above the action level<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                                                                                                   | A19SW (NE)                   | 0                            | 5       | 437325 568275 |



## Geological

| Map ID | Details                                                                                                                                                                                                                                               | Quadrant Reference (Compass) | Estimated Distance From Site | Contact | NGR              |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|---------|------------------|
|        | <b>Radon Potential - Radon Protection Measures</b><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 | A19SW (NE)                   | 0                            | 5       | 437325<br>568275 |
|        | <b>Shallow Mining Hazards</b><br>Risk: Low-Moderate<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                     | A18SE (NE)                   | 0                            | 5       | 437112<br>568010 |



## Industrial Land Use

| Map ID | Details                                                                                                                                                                                                                                                                                          | Quadrant Reference (Compass) | Estimated Distance From Site | Contact | NGR              |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|---------|------------------|
| 50     | <b>Contemporary Trade Directory Entries</b><br>Name: Susan Hawes Design<br>Location: 26, Lawe Road, South Shields, Tyne and Wear, NE33 2EX<br>Classification: Wallpapers & Wall Coverings<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address                    | A13NE (NE)                   | 22                           | -       | 436848<br>567636 |
| 51     | <b>Contemporary Trade Directory Entries</b><br>Name: Jadnet Designs<br>Location: 26, Roman Road, South Shields, Tyne and Wear, NE33 2HA<br>Classification: T-Shirts<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address                                          | A13SW (S)                    | 89                           | -       | 436783<br>567498 |
| 52     | <b>Contemporary Trade Directory Entries</b><br>Name: Extract A Mark<br>Location: 10, Salmon Street, South Shields, Tyne and Wear, NE33 2HF<br>Classification: Carpet, Curtain & Upholstery Cleaners<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address            | A13SW (SW)                   | 147                          | -       | 436731<br>567454 |
| 53     | <b>Contemporary Trade Directory Entries</b><br>Name: Soapsuds<br>Location: 147-151, Coston Drive, South Shields, Tyne and Wear, NE33 2DU<br>Classification: Laundries & Launderettes<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address                         | A13SW (W)                    | 204                          | -       | 436593<br>567545 |
| 54     | <b>Contemporary Trade Directory Entries</b><br>Name: Four Seasons<br>Location: 36, Trajan Avenue, South Shields, Tyne and Wear, NE33 2AN<br>Classification: Carpet, Curtain & Upholstery Cleaners<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address              | A13NW (NW)                   | 236                          | -       | 436628<br>567791 |
| 55     | <b>Contemporary Trade Directory Entries</b><br>Name: Supasnaps<br>Location: 2, Denmark Centre, South Shields, Tyne and Wear, NE33 2LR<br>Classification: Photographic Processors<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address                             | A7NE (SW)                    | 474                          | -       | 436450<br>567261 |
| 56     | <b>Contemporary Trade Directory Entries</b><br>Name: Johnson Cleaners Ltd<br>Location: 17, Denmark Centre, South Shields, Tyne and Wear, NE33 2LR<br>Classification: Dry Cleaners<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address                              | A8NW (SW)                    | 488                          | -       | 436487<br>567207 |
| 57     | <b>Contemporary Trade Directory Entries</b><br>Name: L A Autos<br>Location: 57, Beach Road, South Shields, Tyne and Wear, NE33 2QU<br>Classification: Garage Services<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address                                          | A8NE (S)                     | 526                          | -       | 436832<br>567062 |
| 57     | <b>Contemporary Trade Directory Entries</b><br>Name: Warm Protection Ltd<br>Location: 51, Beach Road, South Shields, Tyne and Wear, NE33 2QU<br>Classification: Roller Shutter Manufacturers<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address                 | A8NW (S)                     | 537                          | -       | 436811<br>567050 |
| 57     | <b>Contemporary Trade Directory Entries</b><br>Name: Warm Protection<br>Location: 51, Beach Road, South Shields, Tyne and Wear, NE33 2QU<br>Classification: Roller Shutter Manufacturers<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address                     | A8NW (S)                     | 537                          | -       | 436811<br>567050 |
| 57     | <b>Contemporary Trade Directory Entries</b><br>Name: Warm Protection<br>Location: 51, Beach Road, South Shields, Tyne and Wear, NE33 2QU<br>Classification: Roller Shutter Manufacturers<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address                       | A8NW (S)                     | 537                          | -       | 436811<br>567050 |
| 58     | <b>Contemporary Trade Directory Entries</b><br>Name: The Jewellery Repair Centre<br>Location: 44, Fowler Street, South Shields, Tyne and Wear, NE33 1PG<br>Classification: Jewellery Manufacturers & Repairers<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address | A8NW (SW)                    | 545                          | -       | 436477<br>567143 |



## Industrial Land Use

| Map ID | Details                                                                                                                                                                                                                                                                                            | Quadrant Reference (Compass) | Estimated Distance From Site | Contact | NGR              |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|---------|------------------|
| 58     | <b>Contemporary Trade Directory Entries</b><br>Name: Klick<br>Location: 50, Fowler Street, South Shields, Tyne and Wear, NE33 1PG<br>Classification: Photographic Processors<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address                                     | A8NW (SW)                    | 552                          | -       | 436483<br>567131 |
| 58     | <b>Contemporary Trade Directory Entries</b><br>Name: Photo-Fast<br>Location: 64, Fowler Street, South Shields, Tyne and Wear, NE33 1PG<br>Classification: Photographic Processors<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address                                | A8NW (SW)                    | 584                          | -       | 436485<br>567091 |
| 59     | <b>Contemporary Trade Directory Entries</b><br>Name: Motortune<br>Location: Rear Of, 35, Beach Road, South Shields, Tyne and Wear, NE33 2QU<br>Classification: Car Engine Tuning & Diagnostic Services<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address         | A8NW (S)                     | 552                          | -       | 436740<br>567037 |
| 60     | <b>Contemporary Trade Directory Entries</b><br>Name: Klick Photopoint<br>Location: 24, King Street, South Shields, Tyne and Wear, NE33 1HT<br>Classification: Photographic Processors<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address                            | A7NE (SW)                    | 553                          | -       | 436346<br>567264 |
| 60     | <b>Contemporary Trade Directory Entries</b><br>Name: Klick<br>Location: 24, King Street, South Shields, Tyne and Wear, NE33 1HT<br>Classification: Photographic Processors<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address                                       | A7NE (SW)                    | 553                          | -       | 436346<br>567264 |
| 60     | <b>Contemporary Trade Directory Entries</b><br>Name: Eclipse Technology Uk Ltd<br>Location: 27, Smithy Street, South Shields, Tyne and Wear, NE33 1BT<br>Classification: Computer Manufacturers<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address                | A7NE (SW)                    | 560                          | -       | 436364<br>567228 |
| 61     | <b>Contemporary Trade Directory Entries</b><br>Name: Saft<br>Location: River Dr, South Shields, Tyne & Wear, NE33 2TR<br>Classification: Battery Manufacturers & Supplies<br>Status: Active<br>Positional Accuracy: Manually positioned to the road within the address or location                 | A17SE (NW)                   | 589                          | -       | 436362<br>568024 |
| 61     | <b>Contemporary Trade Directory Entries</b><br>Name: Plant Services (Gh) Ltd<br>Location: River Drive, South Shields, Tyne and Wear, NE33 1LH<br>Classification: Furniture Manufacturers - Home & Office<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address         | A17SE (NW)                   | 596                          | -       | 436382<br>568053 |
| 62     | <b>Contemporary Trade Directory Entries</b><br>Name: Homefair Blinds<br>Location: Fowler St, South Shields, Tyne and Wear, NE33 1PD<br>Classification: Blinds, Awnings & Canopies<br>Status: Active<br>Positional Accuracy: Manually positioned to the road within the address or location         | A8NW (SW)                    | 603                          | -       | 436520<br>567049 |
| 62     | <b>Contemporary Trade Directory Entries</b><br>Name: Flair Blinds<br>Location: 83-85, Fowler Street, South Shields, Tyne and Wear, NE33 1NT<br>Classification: Blinds, Awnings & Canopies<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address                        | A8NW (SW)                    | 604                          | -       | 436547<br>567036 |
| 62     | <b>Contemporary Trade Directory Entries</b><br>Name: Super-Tech International<br>Location: 80-82, Fowler Street, South Shields, Tyne and Wear, NE33 1PD<br>Classification: Mobile Phone Accessories and Car Kits<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address | A8NW (SW)                    | 620                          | -       | 436508<br>567037 |
| 63     | <b>Contemporary Trade Directory Entries</b><br>Name: Decorfair<br>Location: 39-41, King Street, South Shields, Tyne and Wear, NE33 1DA<br>Classification: Wallpapers & Wall Coverings<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address                          | A7NE (SW)                    | 609                          | -       | 436312<br>567214 |



## Industrial Land Use

| Map ID | Details                                                                                                                                                                                                                                                                                              | Quadrant Reference (Compass) | Estimated Distance From Site | Contact | NGR              |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|---------|------------------|
| 64     | <b>Contemporary Trade Directory Entries</b><br>Name: Top Clean<br>Location: 81, Broughton Road, South Shields, Tyne and Wear, NE33 2RR<br>Classification: Dry Cleaners<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address                                             | A8NE (S)                     | 615                          | -       | 436877<br>566977 |
| 65     | <b>Contemporary Trade Directory Entries</b><br>Name: John Carey<br>Location: 8, William Street, South Shields, Tyne and Wear, NE33 1PQ<br>Classification: Garage Services<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address                                          | A7NE (SW)                    | 620                          | -       | 436406<br>567103 |
| 66     | <b>Contemporary Trade Directory Entries</b><br>Name: Frank Lake & Sons Ltd<br>Location: 86, Fowler Street, South Shields, Tyne and Wear, NE33 1PD<br>Classification: Hardware<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address                                    | A8NW (SW)                    | 631                          | -       | 436512<br>567022 |
| 66     | <b>Contemporary Trade Directory Entries</b><br>Name: Frame Clean<br>Location: 100-102, Fowler Street, South Shields, Tyne and Wear, NE33 1PD<br>Classification: Cleaning Services - Commercial<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address                   | A8NW (SW)                    | 664                          | -       | 436517<br>566983 |
| 66     | <b>Contemporary Trade Directory Entries</b><br>Name: Fireplace Centre<br>Location: 100-102, Fowler Street, South Shields, Tyne and Wear, NE33 1PD<br>Classification: Distribution Services<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address                       | A8NW (SW)                    | 664                          | -       | 436517<br>566983 |
| 66     | <b>Contemporary Trade Directory Entries</b><br>Name: The Fireplace Centre<br>Location: 106, Fowler Street, South Shields, Tyne and Wear, NE33 1PZ<br>Classification: Fireplaces & Mantelpieces<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address                   | A8NW (SW)                    | 685                          | -       | 436523<br>566957 |
| 67     | <b>Contemporary Trade Directory Entries</b><br>Name: Tyne Slipway & Engineering Co Ltd<br>Location: River Drive, South Shields, Tyne and Wear, NE33 1LH<br>Classification: Boatbuilders & Repairers<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address              | A17SE (NW)                   | 639                          | -       | 436382<br>568110 |
| 68     | <b>Contemporary Trade Directory Entries</b><br>Name: Dentures Direct<br>Location: 17a, Beach Road, South Shields, Tyne and Wear, NE33 2QA<br>Classification: Medical & Dental Laboratories<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address                       | A8NW (S)                     | 649                          | -       | 436641<br>566955 |
| 68     | <b>Contemporary Trade Directory Entries</b><br>Name: Orchid Games Studios<br>Location: 7 Beach Rd, South Shields, Tyne and Wear, NE33 2QA<br>Classification: Toys, Games & Sporting Goods - Manufacturers<br>Status: Inactive<br>Positional Accuracy: Manually positioned to the address or location | A8NW (S)                     | 673                          | -       | 436608<br>566939 |
| 69     | <b>Contemporary Trade Directory Entries</b><br>Name: South Shields Printing.Com<br>Location: 2, Cookson House, River Drive, South Shields, Tyne and Wear, NE33 1TL<br>Classification: Printers<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address                     | A12SE (W)                    | 664                          | -       | 436153<br>567408 |
| 70     | <b>Contemporary Trade Directory Entries</b><br>Name: Snug Fit Doors & Windows<br>Location: 2-6 Franklin St, South Shields, Tyne and Wear, NE33 1PR<br>Classification: Window Frames - Sales & Service<br>Status: Inactive<br>Positional Accuracy: Manually positioned to the address or location     | A7NE (SW)                    | 688                          | -       | 436404<br>567020 |
| 70     | <b>Contemporary Trade Directory Entries</b><br>Name: Eddie Burke<br>Location: 5, Franklin Street, South Shields, Tyne and Wear, NE33 1PR<br>Classification: Car Body Repairs<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address                                       | A7NE (SW)                    | 690                          | -       | 436436<br>566997 |



## Industrial Land Use

| Map ID | Details                                                                                                                                                                                                                                                                                                                 | Quadrant Reference (Compass) | Estimated Distance From Site | Contact | NGR              |
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| 70     | <b>Contemporary Trade Directory Entries</b><br>Name: Motoreay Services<br>Location: 8, Franklin Street, South Shields, Tyne and Wear, NE33 1PR<br>Classification: Garage Services<br>Status: <b>Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                            | A7NE (SW)                    | 709                          | -       | 436407<br>566993 |
| 71     | <b>Contemporary Trade Directory Entries</b><br>Name: Dean Printing Works<br>Location: 11, Franklin Street, South Shields, Tyne and Wear, NE33 1PR<br>Classification: Printers<br>Status: <b>Active</b><br>Positional Accuracy: Automatically positioned to the address                                                  | A7NE (SW)                    | 708                          | -       | 436444<br>566971 |
| 71     | <b>Contemporary Trade Directory Entries</b><br>Name: Vts<br>Location: 12, Franklin Street, South Shields, Tyne and Wear, NE33 1PR<br>Classification: Garage Services<br>Status: <b>Active</b><br>Positional Accuracy: Automatically positioned to the address                                                           | A7NE (SW)                    | 730                          | -       | 436408<br>566967 |
| 72     | <b>Contemporary Trade Directory Entries</b><br>Name: Currys<br>Location: 87, King Street, South Shields, Tyne and Wear, NE33 1DP<br>Classification: Electrical Goods Sales, Manufacturers & Wholesalers<br>Status: <b>Active</b><br>Positional Accuracy: Automatically positioned to the address                        | A7NE (SW)                    | 728                          | -       | 436197<br>567170 |
| 73     | <b>Contemporary Trade Directory Entries</b><br>Name: Leighton<br>Location: 14, Franklin Street, South Shields, Tyne and Wear, NE33 1PR<br>Classification: Garage Services<br>Status: <b>Active</b><br>Positional Accuracy: Automatically positioned to the address                                                      | A7NE (SW)                    | 739                          | -       | 436412<br>566953 |
| 73     | <b>Contemporary Trade Directory Entries</b><br>Name: R Cars<br>Location: 52-56, Garden Lane, South Shields, Tyne and Wear, NE33 1PS<br>Classification: Car Dealers - Used<br>Status: <b>Active</b><br>Positional Accuracy: Automatically positioned to the address                                                      | A7SE (SW)                    | 787                          | -       | 436399<br>566906 |
| 73     | <b>Contemporary Trade Directory Entries</b><br>Name: Steve'S Auto Sprays<br>Location: 62, Garden Lane, South Shields, Tyne and Wear, NE33 1PS<br>Classification: Car Body Repairs<br>Status: <b>Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                                     | A7SE (SW)                    | 807                          | -       | 436402<br>566881 |
| 73     | <b>Contemporary Trade Directory Entries</b><br>Name: Truewood Furniture & Joinery Ltd<br>Location: 62, Garden Lane, South Shields, Tyne and Wear, NE33 1PS<br>Classification: Furniture Manufacturers - Home & Office<br>Status: <b>Inactive</b><br>Positional Accuracy: Manually positioned to the address or location | A7SE (SW)                    | 807                          | -       | 436402<br>566881 |
| 73     | <b>Contemporary Trade Directory Entries</b><br>Name: Rolls<br>Location: 62, Garden Lane, South Shields, Tyne and Wear, NE33 1PS<br>Classification: Commercial Clearing Services<br>Status: <b>Active</b><br>Positional Accuracy: Automatically positioned to the address                                                | A7SE (SW)                    | 807                          | -       | 436402<br>566881 |
| 74     | <b>Contemporary Trade Directory Entries</b><br>Name: Colourclear Ltd<br>Location: 3-4, Forest Road, South Shields, Tyne and Wear, NE33 1PT<br>Classification: Clothing & Fabrics - Manufacturers<br>Status: <b>Inactive</b><br>Positional Accuracy: Automatically positioned to the address                             | A7NE (SW)                    | 770                          | -       | 436356<br>566953 |
| 74     | <b>Contemporary Trade Directory Entries</b><br>Name: Automotive Maintenance Co<br>Location: 4 Forest Rd, South Shields, Tyne and Wear, NE33 1PT<br>Classification: Garage Services<br>Status: <b>Active</b><br>Positional Accuracy: Manually positioned to the address or location                                      | A7NE (SW)                    | 772                          | -       | 436355<br>566952 |
| 74     | <b>Contemporary Trade Directory Entries</b><br>Name: Vehicle Diagnostics<br>Location: 4 Forest Rd, South Shields, Tyne and Wear, NE33 1PT<br>Classification: Garage Services<br>Status: <b>Active</b><br>Positional Accuracy: Manually positioned to the address or location                                            | A7NE (SW)                    | 772                          | -       | 436355<br>566952 |



## Industrial Land Use

| Map ID | Details                                                                                                                                                                                                                                                                                                                                             | Quadrant Reference (Compass) | Estimated Distance From Site | Contact | NGR              |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|---------|------------------|
| 74     | <b>Contemporary Trade Directory Entries</b><br>Name: Colourclear<br>Location: 3-4 Forest Rd, South Shields, Tyne and Wear, NE33 1PT<br>Classification: Clothing & Fabrics - Manufacturers<br>Status: <b>Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                                                         | A7NE (SW)                    | 788                          | -       | 436338<br>566944 |
| 75     | <b>Contemporary Trade Directory Entries</b><br>Name: Northeast Engineering & Supply Co Ltd<br>Location: Wapping St, South Shields, Tyne & Wear, NE33 1LQ<br>Classification: Marine Engineers<br>Status: <b>Inactive</b><br>Positional Accuracy: Manually positioned to the road within the address or location                                      | A12NW (W)                    | 796                          | -       | 436046<br>567907 |
| 76     | <b>Contemporary Trade Directory Entries</b><br>Name: Currys Digital<br>Location: 111, King Street, South Shields, Tyne and Wear, NE33 1DP<br>Classification: Electrical Goods Sales, Manufacturers & Wholesalers<br>Status: <b>Active</b><br>Positional Accuracy: Automatically positioned to the address                                           | A7NW (SW)                    | 797                          | -       | 436134<br>567140 |
| 77     | <b>Contemporary Trade Directory Entries</b><br>Name: Town Hall Service Station<br>Location: Town Hall Filling Station, Crossgate, South Shields, Tyne and Wear, NE33 5QX<br>Classification: Petrol Filling Stations - 24 Hour<br>Status: <b>Inactive</b><br>Positional Accuracy: Automatically positioned to the address                            | A8SW (S)                     | 815                          | -       | 436514<br>566822 |
| 78     | <b>Contemporary Trade Directory Entries</b><br>Name: C M C Copier Maintenance Co<br>Location: 1, Forest Road, South Shields, Tyne and Wear, NE33 1PT<br>Classification: Photocopiers<br>Status: <b>Active</b><br>Positional Accuracy: Automatically positioned to the address                                                                       | A7SE (SW)                    | 822                          | -       | 436320<br>566914 |
| 79     | <b>Contemporary Trade Directory Entries</b><br>Name: The Direct Group Ltd<br>Location: 7, Broad Landing, South Shields, Tyne and Wear, NE33 1JL<br>Classification: Printers<br>Status: <b>Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                                              | A12SW (W)                    | 838                          | -       | 435997<br>567326 |
| 80     | <b>Contemporary Trade Directory Entries</b><br>Name: D Woodward<br>Location: Car Dismantlers, Oyston Street, South Shields, Tyne and Wear, NE33 1AT<br>Classification: Scrap Metal Merchants<br>Status: <b>Inactive</b><br>Positional Accuracy: Automatically positioned in the proximity of the address                                            | A7NE (SW)                    | 852                          | -       | 436236<br>566943 |
| 81     | <b>Contemporary Trade Directory Entries</b><br>Name: Speciality Mirror Shop<br>Location: 9, St. Hilda Street, South Shields, Tyne and Wear, NE33 1QD<br>Classification: Mirrors & Decorative Glass<br>Status: <b>Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                       | A7SE (SW)                    | 859                          | -       | 436435<br>566807 |
| 81     | <b>Contemporary Trade Directory Entries</b><br>Name: Speciality Mirror Shop<br>Location: 9, St. Hilda Street, South Shields, Tyne and Wear, NE33 1QD<br>Classification: Picture & Picture Frame Renovating & Restoring<br>Status: <b>Active</b><br>Positional Accuracy: Automatically positioned to the address                                     | A7SE (SW)                    | 859                          | -       | 436435<br>566807 |
| 81     | <b>Contemporary Trade Directory Entries</b><br>Name: Bede Furnishings Ltd<br>Location: Unit 1/5, Redhead Buildings, Garden Lane, South Shields, Tyne and Wear, NE33 1PS<br>Classification: Upholstery Manufacturers<br>Status: <b>Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                      | A7SE (SW)                    | 864                          | -       | 436405<br>566816 |
| 81     | <b>Contemporary Trade Directory Entries</b><br>Name: Lawnmower & Power Tool Repair Centre<br>Location: Unit 8, Redhead Buildings, Garden Lane, South Shields, Tyne and Wear, NE33 1PS<br>Classification: Lawnmowers & Garden Machinery - Sales & Service<br>Status: <b>Inactive</b><br>Positional Accuracy: Automatically positioned to the address | A7SE (SW)                    | 864                          | -       | 436405<br>566816 |



## Industrial Land Use

| Map ID | Details                                                                                                                                                                                                                                                                                                                             | Quadrant Reference (Compass) | Estimated Distance From Site | Contact | NGR              |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|---------|------------------|
| 81     | <b>Contemporary Trade Directory Entries</b><br>Name: Ocean Laundry Services<br>Location: Unit 6/7, Redhead Buildings, Garden Lane, South Shields, Tyne and Wear, NE33 1PS<br>Classification: Laundries & Launderettes<br>Status: <b>Active</b><br>Positional Accuracy: Automatically positioned to the address                      | A7SE (SW)                    | 864                          | -       | 436405<br>566816 |
| 81     | <b>Contemporary Trade Directory Entries</b><br>Name: A C Wrought Iron<br>Location: Unit 1-5, Redhead Buildings, Garden Lane, South Shields, Tyne and Wear, NE33 1PS<br>Classification: Wrought Ironwork<br>Status: <b>Active</b><br>Positional Accuracy: Automatically positioned to the address                                    | A7SE (SW)                    | 864                          | -       | 436405<br>566816 |
| 82     | <b>Contemporary Trade Directory Entries</b><br>Name: Levant Office Interiors<br>Location: Unit 313, Tedco Business Works, Henry Robson Way, South Shields, Tyne and Wear, NE33 1RF<br>Classification: Office Furniture & Equipment<br>Status: <b>Active</b><br>Positional Accuracy: Manually positioned to the address or location  | A7SE (SW)                    | 880                          | -       | 436254<br>566892 |
| 82     | <b>Contemporary Trade Directory Entries</b><br>Name: Mcps Ltd<br>Location: Unit 203, Tedco Business Works, Henry Robson Way, South Shields, Tyne and Wear, NE33 1RF<br>Classification: Marine Equipment & Supplies<br>Status: <b>Active</b><br>Positional Accuracy: Automatically positioned to the address                         | A7SE (SW)                    | 917                          | -       | 436247<br>566850 |
| 82     | <b>Contemporary Trade Directory Entries</b><br>Name: Decorum<br>Location: 209 Tedco Business Works, Henry Robson Way, South Shields, Tyne and Wear, NE33 1RF<br>Classification: Sports Equipment Manufacturers & Distributors<br>Status: <b>Active</b><br>Positional Accuracy: Manually positioned to the address or location       | A7SE (SW)                    | 918                          | -       | 436246<br>566850 |
| 83     | <b>Contemporary Trade Directory Entries</b><br>Name: B-Able Ltd<br>Location: 325 Tedco Business Works, Henry Robson Way, South Shields, Tyne and Wear, NE33 1RF<br>Classification: Disability Equipment - Manufacturers & Suppliers<br>Status: <b>Active</b><br>Positional Accuracy: Manually positioned to the address or location | A7SE (SW)                    | 891                          | -       | 436316<br>566834 |
| 83     | <b>Contemporary Trade Directory Entries</b><br>Name: Pneumatic Supplies Ltd<br>Location: Unit 213, Tedco Business Works, Henry Robson Way, South Shields, Tyne and Wear, NE33 1RF<br>Classification: Pneumatic Systems & Equipment<br>Status: <b>Active</b><br>Positional Accuracy: Manually positioned to the address or location  | A7SE (SW)                    | 941                          | -       | 436287<br>566794 |
| 84     | <b>Contemporary Trade Directory Entries</b><br>Name: Pressit<br>Location: Unit 306, Tedco Business Works, Henry Robson Way, South Shields, Tyne and Wear, NE33 1RF<br>Classification: Ironing & Home Laundry Services<br>Status: <b>Active</b><br>Positional Accuracy: Manually positioned to the address or location               | A7SE (SW)                    | 955                          | -       | 436296<br>566772 |
| 84     | <b>Contemporary Trade Directory Entries</b><br>Name: Plastics Center<br>Location: Unit 4, Holman Court, Henry Robson Way, South Shields, Tyne and Wear, NE33 1RL<br>Classification: PVC-U Products - Manufacturers & Suppliers<br>Status: <b>Active</b><br>Positional Accuracy: Automatically positioned to the address             | A7SE (SW)                    | 984                          | -       | 436312<br>566729 |
| 84     | <b>Contemporary Trade Directory Entries</b><br>Name: Tool Repair Centre<br>Location: Unit 4/6, Holman Court, Henry Robson Way, South Shields, Tyne and Wear, NE33 1RL<br>Classification: Tool Sharpening, Repairing & Servicing<br>Status: <b>Inactive</b><br>Positional Accuracy: Automatically positioned to the address          | A7SE (SW)                    | 984                          | -       | 436312<br>566729 |



## Industrial Land Use

| Map ID | Details                                                                                                                                                                                                                                                                                                          | Quadrant Reference (Compass) | Estimated Distance From Site | Contact | NGR              |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|---------|------------------|
| 85     | <b>Contemporary Trade Directory Entries</b><br>Name: Qms Engineering Ltd<br>Location: Unit 12, St. Hilda Ind Est, Station Rd, South Shields, Tyne and Wear, NE33 1RA<br>Classification: Precision Engineers<br>Status: <b>Active</b><br>Positional Accuracy: Manually positioned to the address or location      | A7SE (SW)                    | 964                          | -       | 436150<br>566870 |
| 85     | <b>Contemporary Trade Directory Entries</b><br>Name: Valve Services Ltd<br>Location: 10, Station Road, South Shields, Tyne and Wear, NE33 1ED<br>Classification: Valve Manufacturers & Suppliers<br>Status: <b>Active</b><br>Positional Accuracy: Automatically positioned to the address                        | A7SW (SW)                    | 985                          | -       | 436129<br>566859 |
| 86     | <b>Contemporary Trade Directory Entries</b><br>Name: Stay Press<br>Location: 26 Westoe Rd, South Shields, Tyne and Wear, NE33 4LZ<br>Classification: Ironing & Home Laundry Services<br>Status: <b>Active</b><br>Positional Accuracy: Manually positioned to the address or location                             | A8SW (S)                     | 971                          | -       | 436629<br>566629 |
| 87     | <b>Contemporary Trade Directory Entries</b><br>Name: North Shields Fish Quay Co Ltd<br>Location: Market Office, Fish Quay, North Shields, Tyne & Wear, NE30 1HZ<br>Classification: Ports, Docks & Harbours<br>Status: <b>Active</b><br>Positional Accuracy: Manually positioned within the geographical locality | A17NE (NW)                   | 993                          | -       | 436247<br>568450 |
| 88     | <b>Fuel Station Entries</b><br>Name: Garden Lane Service Station<br>Location: Garden Lane, South SHIELDS, Tyne & Wear, NE33 1PS<br>Brand: Obsolete<br>Premises Type: Not Applicable<br>Status: <b>Obsolete</b><br>Positional Accuracy: Manually positioned to the address or location                            | A7NE (SW)                    | 752                          | -       | 436297<br>567023 |
| 89     | <b>Fuel Station Entries</b><br>Name: Tcs Town Hall<br>Location: Cross Gate, South SHIELDS, Tyne & Wear, NE33 5QX<br>Brand: Total<br>Premises Type: Petrol Station<br>Status: <b>Open</b><br>Positional Accuracy: Located by supplier to within 100m                                                              | A8SW (S)                     | 916                          | -       | 436499<br>566719 |



## Sensitive Land Use

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Quadrant Reference (Compass) | Estimated Distance From Site | Contact | NGR           |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|---------|---------------|
| 90     | <b>Ramsar Sites</b><br>Name: Northumbria Coast<br>Multiple Area: Y<br>Area (m2): 42130.59<br>Source: Natural England<br>Reference: UK11049<br>Designation Date: Not Supplied                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A14NW (E)                    | 477                          | 7       | 437279 567793 |
| 91     | <b>Sites of Special Scientific Interest</b><br>Name: Durham Coast<br>Multiple Area: Y<br>Area (m2): 1368103.3<br>Source: Natural England<br>Reference: 1000255<br>Designation Details: EC Special Protection Area<br>Designation Date: 6th May 1999<br>Date Type: Notified<br>Designation Details: Geological Conservation Review<br>Designation Date: 6th May 1999<br>Date Type: Notified<br>Designation Details: Local Wildlife Trust Reserve<br>Designation Date: 6th May 1999<br>Date Type: Notified<br>Designation Details: National Nature Reserve<br>Designation Date: 6th May 1999<br>Date Type: Notified<br>Designation Details: Nature Conservation Review<br>Designation Date: 6th May 1999<br>Date Type: Notified<br>Designation Details: Ramsar Site<br>Designation Date: 6th May 1999<br>Date Type: Notified<br>Designation Details: Site Of Special Scientific Interest<br>Designation Date: 6th May 1999<br>Date Type: Notified<br>Designation Details: Special Area Of Conservation<br>Designation Date: 6th May 1999<br>Date Type: Notified | A14NW (E)                    | 477                          | 7       | 437279 567793 |
| 92     | <b>Sites of Special Scientific Interest</b><br>Name: Northumberland Shore<br>Multiple Area: Y<br>Area (m2): 128220.42<br>Source: Natural England<br>Reference: 2000134<br>Designation Details: EC Special Protection Area<br>Designation Date: 25th February 1992<br>Date Type: Notified<br>Designation Details: Local Nature Reserve<br>Designation Date: 25th February 1992<br>Date Type: Notified<br>Designation Details: Special Area Of Conservation<br>Designation Date: 25th February 1992<br>Date Type: Notified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | A17NE (N)                    | 904                          | 7       | 436470 568472 |
| 93     | <b>Special Protection Areas</b><br>Name: Northumbria Coast<br>Multiple Area: Y<br>Area (m2): 42130.59<br>Source: Natural England<br>Reference: UK9006131<br>Designation Date: Not Supplied                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | A14NW (E)                    | 477                          | 7       | 437279 567793 |



## Data Currency

| Agency & Hydrological                                                                                                                                                                                                                  | Version                      | Update Cycle                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------------------------|
| <b>Contaminated Land Register Entries and Notices</b><br>South Tyneside Metropolitan Borough Council - Neighbourhood Services<br>North Tyneside Metropolitan Borough Council - Environmental Health Department                         | May 2008<br>September 2007   | Annual Rolling Update<br>Annual Rolling Update |
| <b>Discharge Consents</b><br>Environment Agency - North East Region                                                                                                                                                                    | April 2008                   | Quarterly                                      |
| <b>Enforcement and Prohibition Notices</b><br>Environment Agency - North East Region                                                                                                                                                   | May 2008                     | As notified                                    |
| <b>Integrated Pollution Controls</b><br>Environment Agency - North East Region                                                                                                                                                         | April 2008                   | Quarterly                                      |
| <b>Integrated Pollution Prevention And Control</b><br>Environment Agency - North East Region                                                                                                                                           | April 2008                   | Quarterly                                      |
| <b>Local Authority Integrated Pollution Prevention And Control</b><br>North Tyneside Metropolitan Borough Council - Environmental Health Department<br>South Tyneside Metropolitan Borough Council - Environmental Health Department   | August 2007<br>February 2006 | Annual Rolling Update<br>Annual Rolling Update |
| <b>Local Authority Pollution Prevention and Controls</b><br>North Tyneside Metropolitan Borough Council - Environmental Health Department<br>South Tyneside Metropolitan Borough Council - Environmental Health Department             | August 2007<br>February 2006 | Annual Rolling Update<br>Annual Rolling Update |
| <b>Local Authority Pollution Prevention and Control Enforcements</b><br>North Tyneside Metropolitan Borough Council - Environmental Health Department<br>South Tyneside Metropolitan Borough Council - Environmental Health Department | August 2007<br>February 2006 | Annual Rolling Update<br>Annual Rolling Update |
| <b>Nearest Surface Water Feature</b><br>Ordnance Survey                                                                                                                                                                                | April 2008                   | Quarterly                                      |
| <b>Pollution Incidents to Controlled Waters</b><br>Environment Agency - North East Region                                                                                                                                              | December 1998                | Not Applicable                                 |
| <b>Prosecutions Relating to Authorised Processes</b><br>Environment Agency - North East Region                                                                                                                                         | May 2008                     | As notified                                    |
| <b>Prosecutions Relating to Controlled Waters</b><br>Environment Agency - North East Region                                                                                                                                            | May 2008                     | As notified                                    |
| <b>Registered Radioactive Substances</b><br>Environment Agency - North East Region                                                                                                                                                     | April 2008                   | Quarterly                                      |
| <b>River Quality</b><br>Environment Agency - Head Office                                                                                                                                                                               | November 2001                | Not Applicable                                 |
| <b>River Quality Biology Sampling Points</b><br>Environment Agency - Head Office                                                                                                                                                       | September 2007               | Annually                                       |
| <b>River Quality Chemistry Sampling Points</b><br>Environment Agency - Head Office                                                                                                                                                     | August 2007                  | Annually                                       |
| <b>Substantiated Pollution Incident Register</b><br>Environment Agency - North East Region - Northumbria Area                                                                                                                          | April 2008                   | Quarterly                                      |
| <b>Water Abstractions</b><br>Environment Agency - North East Region                                                                                                                                                                    | April 2008                   | Quarterly                                      |
| <b>Water Industry Act Referrals</b><br>Environment Agency - North East Region                                                                                                                                                          | April 2008                   | Quarterly                                      |
| <b>Groundwater Vulnerability</b><br>Environment Agency - Head Office                                                                                                                                                                   | January 1999                 | Not Applicable                                 |
| <b>Drift Deposits</b><br>Environment Agency - Head Office                                                                                                                                                                              | January 1999                 | Not Applicable                                 |
| <b>Source Protection Zones</b><br>Environment Agency - Head Office                                                                                                                                                                     | April 2008                   | Variable                                       |
| <b>Extreme Flooding from Rivers or Sea without Defences</b><br>Environment Agency - Head Office                                                                                                                                        | April 2008                   | Quarterly                                      |



## Data Currency

| Agency & Hydrological                                                                                                                                                                                | Version                     | Update Cycle                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|------------------------------------------------|
| <b>Flooding from Rivers or Sea without Defences</b><br>Environment Agency - Head Office                                                                                                              | April 2008                  | Quarterly                                      |
| <b>Areas Benefiting from Flood Defences</b><br>Environment Agency - Head Office                                                                                                                      | April 2008                  | Quarterly                                      |
| <b>Flood Water Storage Areas</b><br>Environment Agency - Head Office                                                                                                                                 | April 2008                  | Quarterly                                      |
| <b>Flood Defences</b><br>Environment Agency - Head Office                                                                                                                                            | April 2008                  | Quarterly                                      |
| Waste                                                                                                                                                                                                | Version                     | Update Cycle                                   |
| <b>BGS Recorded Landfill Sites</b><br>British Geological Survey - National Geoscience Information Service                                                                                            | June 1996                   | Not Applicable                                 |
| <b>Historical Landfill Sites</b><br>Environment Agency - North East Region - Northumbria Area                                                                                                        | May 2008                    | As notified                                    |
| <b>Integrated Pollution Control Registered Waste Sites</b><br>Environment Agency - North East Region                                                                                                 | April 2008                  | Quarterly                                      |
| <b>Licensed Waste Management Facilities (Landfill Boundaries)</b><br>Environment Agency - North East Region - Northumbria Area                                                                       | May 2008                    | Quarterly                                      |
| <b>Licensed Waste Management Facilities (Locations)</b><br>Environment Agency - North East Region - Northumbria Area                                                                                 | May 2008                    | Quarterly                                      |
| <b>Local Authority Landfill Coverage</b><br>North Tyneside Metropolitan Borough Council - Environmental Health Department<br>South Tyneside Metropolitan Borough Council - Planning Department       | May 2000<br>May 2000        | Not Applicable<br>Not Applicable               |
| <b>Local Authority Recorded Landfill Sites</b><br>North Tyneside Metropolitan Borough Council - Environmental Health Department<br>South Tyneside Metropolitan Borough Council - Planning Department | May 2000<br>May 2000        | Not Applicable<br>Not Applicable               |
| <b>Registered Landfill Sites</b><br>Environment Agency - North East Region - Northumbria Area                                                                                                        | March 2003                  | Not Applicable                                 |
| <b>Registered Waste Transfer Sites</b><br>Environment Agency - North East Region - Northumbria Area                                                                                                  | March 2003                  | Not Applicable                                 |
| <b>Registered Waste Treatment or Disposal Sites</b><br>Environment Agency - North East Region - Northumbria Area                                                                                     | March 2003                  | Not Applicable                                 |
| Hazardous Substances                                                                                                                                                                                 | Version                     | Update Cycle                                   |
| <b>Control of Major Accident Hazards Sites (COMAH)</b><br>Health and Safety Executive                                                                                                                | April 2008                  | Bi-Annually                                    |
| <b>Explosive Sites</b><br>Health and Safety Executive                                                                                                                                                | February 2008               | Bi-Annually                                    |
| <b>Notification of Installations Handling Hazardous Substances (NIHHS)</b><br>Health and Safety Executive                                                                                            | November 2000               | Not Applicable                                 |
| <b>Planning Hazardous Substance Enforcements</b><br>North Tyneside Metropolitan Borough Council - Development Function<br>South Tyneside Metropolitan Borough Council - Planning Department          | July 2007<br>September 2007 | Annual Rolling Update<br>Annual Rolling Update |
| <b>Planning Hazardous Substance Consents</b><br>North Tyneside Metropolitan Borough Council - Development Function<br>South Tyneside Metropolitan Borough Council - Planning Department              | July 2007<br>September 2007 | Annual Rolling Update<br>Annual Rolling Update |



## Data Currency

| Geological                                                                                                                                      | Version       | Update Cycle   |
|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------|
| <b>BGS Recorded Mineral Sites</b><br>British Geological Survey - National Geoscience Information Service                                        | April 2008    | Bi-Annually    |
| <b>BGS 1:625,000 Solid Geology</b><br>British Geological Survey - National Geoscience Information Service                                       | August 1996   | Not Applicable |
| <b>Brine Compensation Area</b><br>Cheshire Brine Subsidence Compensation Board                                                                  | November 2002 | As notified    |
| <b>Coal Mining Affected Areas</b><br>The Coal Authority - Mining Report Service                                                                 | January 2006  | As notified    |
| <b>Mining Instability</b><br>Ove Arup & Partners                                                                                                | October 2000  | Not Applicable |
| <b>Natural and Mining Cavities</b><br>Peter Brett Associates                                                                                    | December 2005 | Variable       |
| <b>Potential for Collapsible Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                | January 2008  | Annually       |
| <b>Potential for Compressible Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service               | January 2008  | Annually       |
| <b>Potential for Ground Dissolution Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                | January 2008  | Annually       |
| <b>Potential for Landslide Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                  | January 2008  | Annually       |
| <b>Potential for Running Sand Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service               | January 2008  | Annually       |
| <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service | January 2008  | Annually       |
| <b>Radon Potential - Radon Affected Areas</b><br>British Geological Survey - National Geoscience Information Service                            | May 2007      | Annually       |
| <b>Radon Potential - Radon Protection Measures</b><br>British Geological Survey - National Geoscience Information Service                       | May 2007      | Annually       |
| <b>Shallow Mining Hazards</b><br>British Geological Survey - National Geoscience Information Service                                            | August 2002   | Not Applicable |
| Industrial Land Use                                                                                                                             | Version       | Update Cycle   |
| <b>Contemporary Trade Directory Entries</b><br>Thomson Directories                                                                              | February 2008 | Quarterly      |
| <b>Fuel Station Entries</b><br>Catalist Ltd - (Fuel Station Data)                                                                               | June 2008     | Quarterly      |



## Data Currency

| Sensitive Land Use                                                                                                                                       | Version                      | Update Cycle               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------------------|
| <b>Areas of Adopted Green Belt</b><br>North Tyneside Metropolitan Borough Council<br>South Tyneside Metropolitan Borough Council - Planning Department   | March 2002<br>September 1999 | As notified<br>As notified |
| <b>Areas of Unadopted Green Belt</b><br>North Tyneside Metropolitan Borough Council<br>South Tyneside Metropolitan Borough Council - Planning Department | March 2002<br>September 1999 | As notified<br>As notified |
| <b>Areas of Outstanding Natural Beauty</b><br>Natural England                                                                                            | January 2008                 | Annually                   |
| <b>Environmentally Sensitive Areas</b><br>Natural England                                                                                                | January 2008                 | Annually                   |
| <b>Forest Parks</b><br>Forestry Commission                                                                                                               | April 1997                   | Not Applicable             |
| <b>Local Nature Reserves</b><br>Natural England                                                                                                          | January 2008                 | Bi-Annually                |
| <b>Marine Nature Reserves</b><br>Natural England                                                                                                         | October 2007                 | Bi-Annually                |
| <b>National Nature Reserves</b><br>Natural England                                                                                                       | October 2007                 | Bi-Annually                |
| <b>National Parks</b><br>Natural England                                                                                                                 | January 2008                 | Annually                   |
| <b>Nitrate Sensitive Areas</b><br>Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)                                             | December 2003                | Not Applicable             |
| <b>Nitrate Vulnerable Zones</b><br>Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)                                            | May 2007                     | Annually                   |
| <b>Ramsar Sites</b><br>Natural England                                                                                                                   | October 2007                 | Bi-Annually                |
| <b>Sites of Special Scientific Interest</b><br>Natural England                                                                                           | October 2007                 | Bi-Annually                |
| <b>Special Areas of Conservation</b><br>Natural England                                                                                                  | October 2007                 | Bi-Annually                |
| <b>Special Protection Areas</b><br>Natural England                                                                                                       | October 2007                 | 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       |                    |
| Countryside Council for Wales          |                    |
| Scottish Natural Heritage              |                    |
| Natural England                        |                    |
| Health Protection Agency               |                    |
| Ove Arup                               |                    |
| Peter Brett Associates                 |                    |



## Useful Contacts

| Contact | Name and Address                                                                                                                                                                                    | Contact Details                                                                                                                 |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 1       | <b>Environment Agency - National Customer Contact Centre (NCCC)</b><br>PO Box 544, Templeborough, Rotherham, S60 1BY                                                                                | Telephone: 08708 506 506<br>Email: enquiries@environment-agency.gov.uk                                                          |
| 2       | <b>South Tyneside Metropolitan Borough Council - Environmental Health Department</b><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                                            |
| 3       | <b>Health and Safety Executive</b><br>HSE Infoline, Caerphilly Business Park, Caerphilly, CF83 3GG                                                                                                  | Telephone: 08701 545500<br>Fax: 02920 859260<br>Email: hseinformationservices@natbrit.com<br>Website: www.hse.gov.uk            |
| 4       | <b>South Tyneside Metropolitan Borough Council - Planning Department</b><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                                            |
| 5       | <b>British Geological Survey - Enquiry Service</b><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                          |
| 6       | <b>The Coal Authority - Mining Report Service</b><br>200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG                                                                                       | Telephone: 0845 7626848<br>Email: thecoalauthority@coal.gov.uk                                                                  |
| 7       | <b>Natural England</b><br>Northminster House, Northminster Road, Peterborough, Cambridgeshire, PE1 1UA                                                                                              | Telephone: 0845 600 3078<br>Fax: 01733 455103<br>Email: enquiries@naturalengland.org.uk<br>Website: www.naturalengland.org.uk   |
| 8       | <b>North Tyneside Metropolitan Borough Council - Environmental Health Department</b><br>The Killingworth Site, P O Box 113 Station Road, Killingworth, Newcastle-upon-tyne, Tyne And Wear, NE12 6WJ | Telephone: 0191 2192680<br>Fax: 0191 270 1127<br>Website: www.northtyneside.gov.uk                                              |
| -       | <b>Health Protection Agency - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b><br>Chilton, Didcot, Oxfordshire, OX11 0RQ                                                  | Telephone: 01235 822622<br>Fax: 01235 833891<br>Email: radon@hpa.org.uk<br>Website: www.hpa.org.uk                              |
| -       | <b>Landmark Information Group Limited</b><br>The Smith Centre, Henley On Thames, Oxfordshire, RG9 6AB                                                                                               | Telephone: 0870 850 6670<br>Fax: 0870 850 6671<br>Email: customerservices@landmarkinfo.co.uk<br>Website: www.landmarkinfo.co.uk |

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



## APPENDIX III

### Coal Mining Report - 225365

Report Type:- Phase 1: Desk Top Study Report.

Project:- 08-329 – Proposed Residential Development, Former St Aidan's Church, South Shields.

Prepared For:- St Aidan's Court (South Shields) Ltd / Hollywood Developments.

CoalSearchPlus+  
8, Mornington Terrace  
Harrogate  
North Yorkshire  
HG1 5DH

Tel : 01423 529911  
Fax : 01423 529922  
DX 720352 Harrogate



By

David Bellis  
CONSULTING SURVEYORS

# Coal Mining Search Report

Incorporating Cheshire Brine Enquiries



WWW.COALSEARCH.PLUS.COM

19 Jun 08

## Coal Mining Search Report Incorporating Cheshire Brine Enquiries

Page 1 / 3

Serial Number 225365

Client detail :

ARC Environmental Ltd  
The Rivergreen Centre  
Aykley Heads  
Durham  
DH1 5TS

CoalSearchPlus+ by David Bellis Consulting  
Surveyors  
8 Mornington Terrace  
Harrogate  
North Yorkshire  
HG1 5DH  
(DX 720352 Harrogate)

Tel 01423 529911  
Fax 01423 529922

Practice Principal M JPeace BSc PgDip FGS

Property details:

Former St Aidans Church  
St Aidans Road  
South Shields  
Tyne & Wear  
NE33 2JR

Your ref : 08-329

Purchaser :

Vendor :

In accordance with your instructions received 18 Jun 2008 we have inspected plans and records of coal mine workings and have made enquiries with respect to Cheshire brine extraction in relation to the above property and can report as follows :

1. SEAM DETAILS FOR PAST UNDERGROUND COAL MINING : In relation to the property the undermentioned seam(s) have been worked within the likely zone of physical influence on the surface.

| Seam   | Depth (m) | Sect (cm) | Date     | Remarks                       |
|--------|-----------|-----------|----------|-------------------------------|
| Hutton | 155       | 89        | pre 1947 | Subjacent- partial extraction |

2. SEAM DETAILS FOR CURRENT AND FUTURE UNDERGROUND COAL MINING : The undermentioned seam(s) are currently being worked, or licenses to work are being determined, or have been granted to work, within the likely zone of physical influence on the surface in relation to the property.

| Seam | Depth (m) | Sect (cm) | Date | Remarks                                          |
|------|-----------|-----------|------|--------------------------------------------------|
|      |           |           |      | Coal in reserve - no workings currently planned. |

3. UNDERLYING GEOLOGY :

The property is situated in an area of Boulder Clay over Middle Coal Measures, shales and mudstones.

There are no faults or abnormal features relevant to the property.

**Serial Number 225365****4. OPENCAST COAL MINING :**

Past Opencast Workings : The property is not situated within the boundary of a former opencast coal mining site.

Present Opencast Workings : The property is not situated within 200m of the boundary of a currently operating opencast coal mining site.

Future Opencast Workings : The property is not situated within 800m of the boundary of an opencast site for which a license to extract coal by opencast methods has been granted or a license to do so is currently being determined.

**5. SHAFTS, ADITS (MINE ENTRIES) AND ADDITIONAL INFORMATION :**

We have no knowledge of any shafts or adits within 20 metres of the property or the boundary of the property.

There are no tips or lagoons in the vicinity of the property.

There are possible ancient shallow coal mining workings within the likely zone of influence on the surface in the vicinity of the property, for which no accurate plans or records exist.

**6. NOTICES IN RELATION TO FUTURE COAL MINING ACTIVITY :**

We have no knowledge of any intention to work coal by underground methods, within influencing distance on the surface in the vicinity of the property, for which notices have been issued under the Coal Mining Subsidence Act 1991.

**7. PAST COAL MINING RELATED SUBSIDENCE :**

Our investigations have shown no evidence of coal mining related subsidence claims in relation to the property in the past 10 years.

**8. CONCLUSION (COAL MINING) : In the light of the above facts we conclude that in relation to coal mining :**

Old workings are present but all settlement is likely to have completed long ago. In our opinion it is unlikely that coal will be worked in the foreseeable future.

**COAL MINING RISK LEVEL: We recommend that the transaction is treated as :**

If development of the site is intended then it would be wise in our opinion to undertake all necessary enquiries and investigations prior to the commencement of works.

**Please note that the overall coal mining risk level above is based upon an assessment of the detailed information contained in the body of the report. The risk assessment must be used in conjunction with the detailed report.**

**CHESHIRE BRINE EXTRACTION INFORMATION :****Serial Number 225365**

The property lies outside the Cheshire Brine Compensation District as prescribed by the Cheshire Brine Pumping (Compensation for Subsidence) Act 1952.

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With respect to coal mining there is nothing to prevent a claim being made under the provisions of the Coal Mining Subsidence Act 1991 and subsequent legislation, but it must not be inferred that the Coal Authority or their licensees will necessarily accept that any damage has been caused as a result of mining subsidence.

If you require any further information or amplification please contact CoalSearchPlus+ on 01423 529911 or via our website [www.coalsearch.plus.com](http://www.coalsearch.plus.com).

**Note:**

This search report is based upon plans and records currently available from third party organisations and the CoalSearchPlus+ mining record database. Third party organisations reserve the right to vary their proposals and intentions as to their future mining operations without prior notice save as provided in the Coal Mining (subsidence) Act 1991 and the Coal Industry Act 1994.

This is a Coal Mining Search Report and is not to be interpreted as being part of an Environmental Assessment of the property.

We cannot be held responsible for the accuracy of the information provided to us by third party organisations.

The information and/or material supplied is composed from data based in many cases on measurements and records of various standards of reliability and age. We cannot be held responsible for the accuracy of such information.

This report is prepared in accordance with the CoalSearchPlus+ terms and conditions as published on the CoalSearchPlus+ website ([www.coalsearch.plus.com](http://www.coalsearch.plus.com)) on the date of issue of this report.

Date : 19 Jun 2008

Signed : *M. J. Peace*

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## APPENDIX IV

### Site Photographs (Plates 1 to 10)



Plate 1



Plate 2



Plate 3



Plate 4



Plate 5



Plate 6



Plate 7



Plate 8



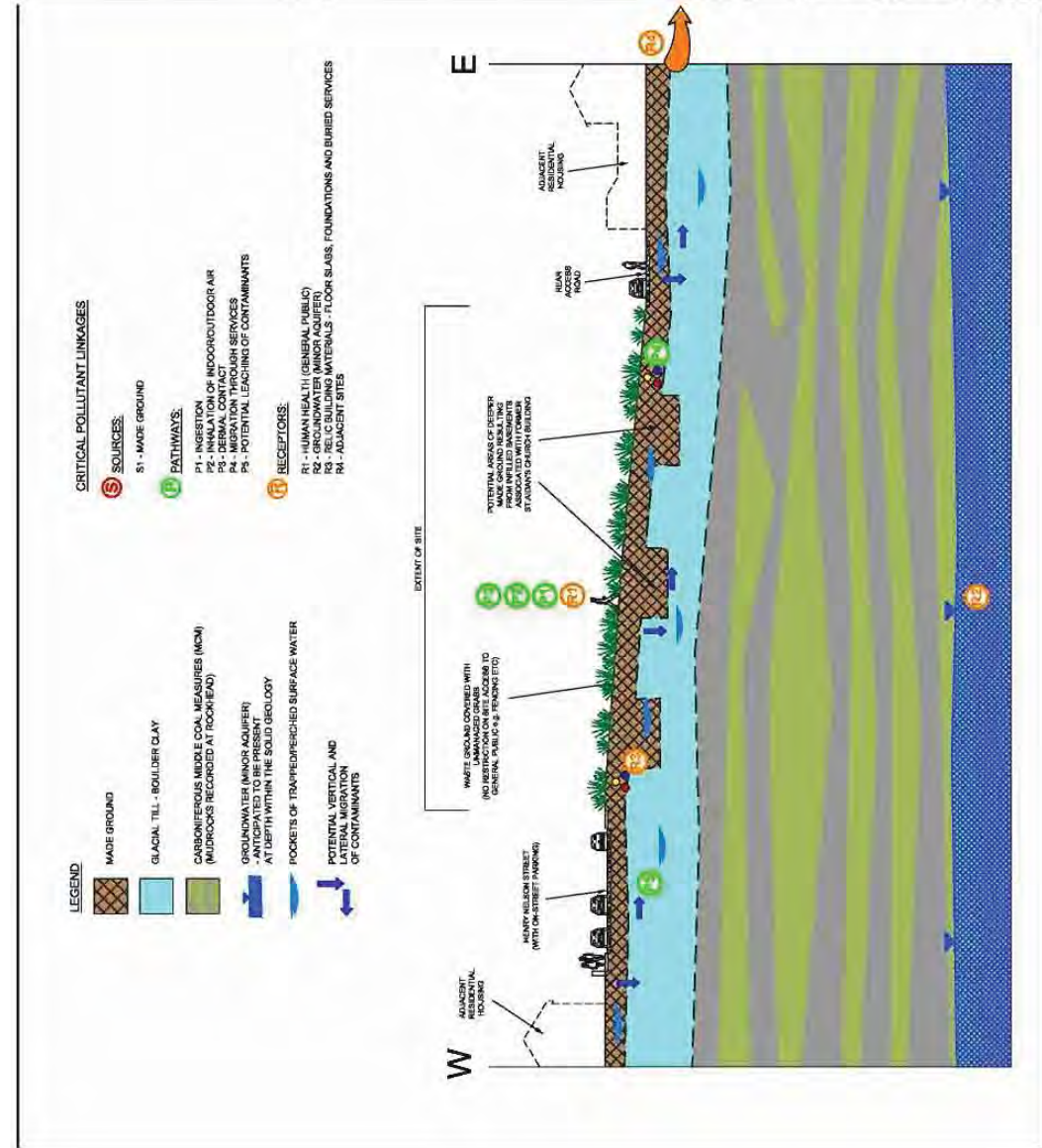
Plate 9



Plate 10



## Preliminary Conceptual Site Model (CSM)



|                                                                                     |                                                                                                                                                                                                   |                                                               |                      |              |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------------|--------------|
|  | ABC ENVIRONMENTAL LTD<br>The Riverside Centre, Abbey Hoods<br>Durham DH1 1TS<br>Tel: 0191 353 7381<br>Fax: 0191 353 7382<br>e-mail: admin@abc-environmental.com<br>web: www.abc-environmental.com |                                                               | © Copyright Reserved |              |
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|                                                                                     | No.                                                                                                                                                                                               | Date                                                          | Description          | Sheet Count  |
|                                                                                     |                                                                                                                                                                                                   |                                                               |                      |              |
|                                                                                     |                                                                                                                                                                                                   |                                                               |                      |              |
|                                                                                     |                                                                                                                                                                                                   |                                                               |                      |              |
| Client:                                                                             |                                                                                                                                                                                                   | ST. ADAM'S COURT (SOUTH SHIELDS) LTD<br>HOLYWOOD DEVELOPMENTS |                      |              |
| Project Title:                                                                      |                                                                                                                                                                                                   | St. Adam's Church<br>St Adair's Road<br>South Shields         |                      |              |
| Drawing Title:                                                                      |                                                                                                                                                                                                   | Conceptual Site Model                                         |                      |              |
| Scale of A3:                                                                        |                                                                                                                                                                                                   | Date:                                                         |                      | Approved By: |
| NTS @ A3                                                                            |                                                                                                                                                                                                   | 23.05.09                                                      |                      | JDM          |
| A3E Ref:                                                                            |                                                                                                                                                                                                   | Dwg no:                                                       |                      | T. Rev:      |
| 08-329                                                                              |                                                                                                                                                                                                   |                                                               |                      |              |