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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**

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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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## 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. An area of Blown Sand is recorded to the east of the site.
Thickness:	Anticipated to be c.>5m in thickness.
Remarks:	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: 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: 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 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 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.

**Table 4.1** Significant / Potentially Contaminative uses highlighted in bold text.

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 <b>demolished</b> .	Generally as c.2000.

##### 4.2 Landfill & Waste Regulation: -

**Table 4.2**

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 bfgl) 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.

bfgl – 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?	Impact on Development
	Y / N	
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 Site Classification: <i>Residential with Plant Uptake</i>
	Transportation Mechanisms	Exposure Medium			
Made Ground (Whole of the site)	Direct contact	SOIL: Ingestion, Dermal Contact & 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: 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: 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: 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

Item	Remarks/Scope
<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

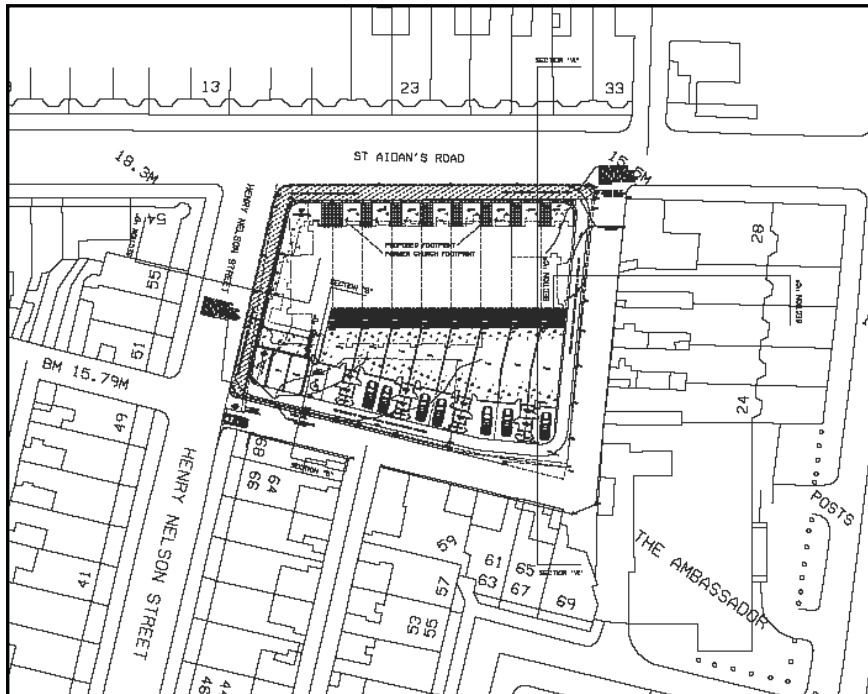


Site Location Plans



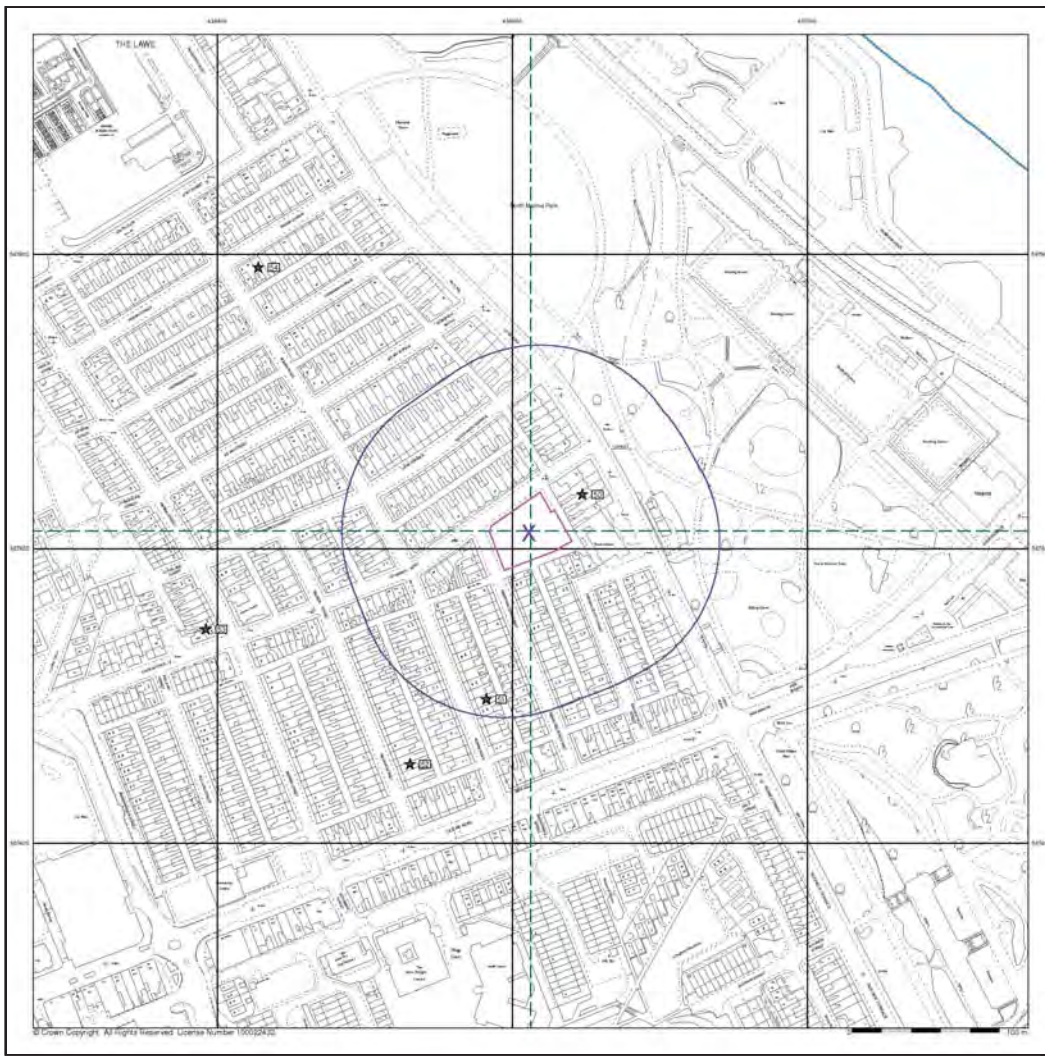
## APPENDIX II

### Envirocheck Report



Proposed Site Layout Plan






**General**

- Specified Site
- Specified Buffer(s)
- Search of Type of Location
- Plot
- Bearing Reference Point
- Map ID

**Agency and Hydrological**

- Contaminated Land Register Entry or Notice
- Discharge Consent
- Interim or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Pollution Incident to Controlled Waters
- Prevention Pending to Addressed Processes
- Prevention Pending to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Subsided Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

**Waste**

- ROG Recorded Landfill Site (County)
- ROG Recorded Landfill Site
- EA Historic Landfill (Burial) Area
- EA Historic Landfill (Region)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill) (Region)
- Licensed Waste Management Facility (County)
- Local Authority Recorded Landfill Site (County)
- Local Authority Recorded Landfill Site
- Registered Landfill Site (County)
- Registered Landfill Site (Over 100m to 100m)
- Registered Landfill Site (Over 100m to 200m)
- Registered Waste Transfer Site (Feature)
- Registered Waste Transfer Site (County)
- Registered Waste Treatment or Disposal Site (County)
- Registered Waste Treatment or Disposal Site

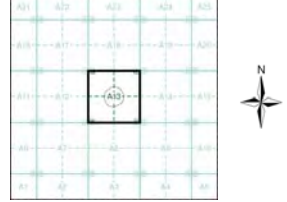
**Geological**

- COMAH Site
- Contaminated Site
- ASSET Site

**Industrial Land Use**

- Coastguard Vessel Embargo Entry
- Fuel Station Entry
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Environment

**Site Sensitivity Map - Segment A13**




**Order Details**

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

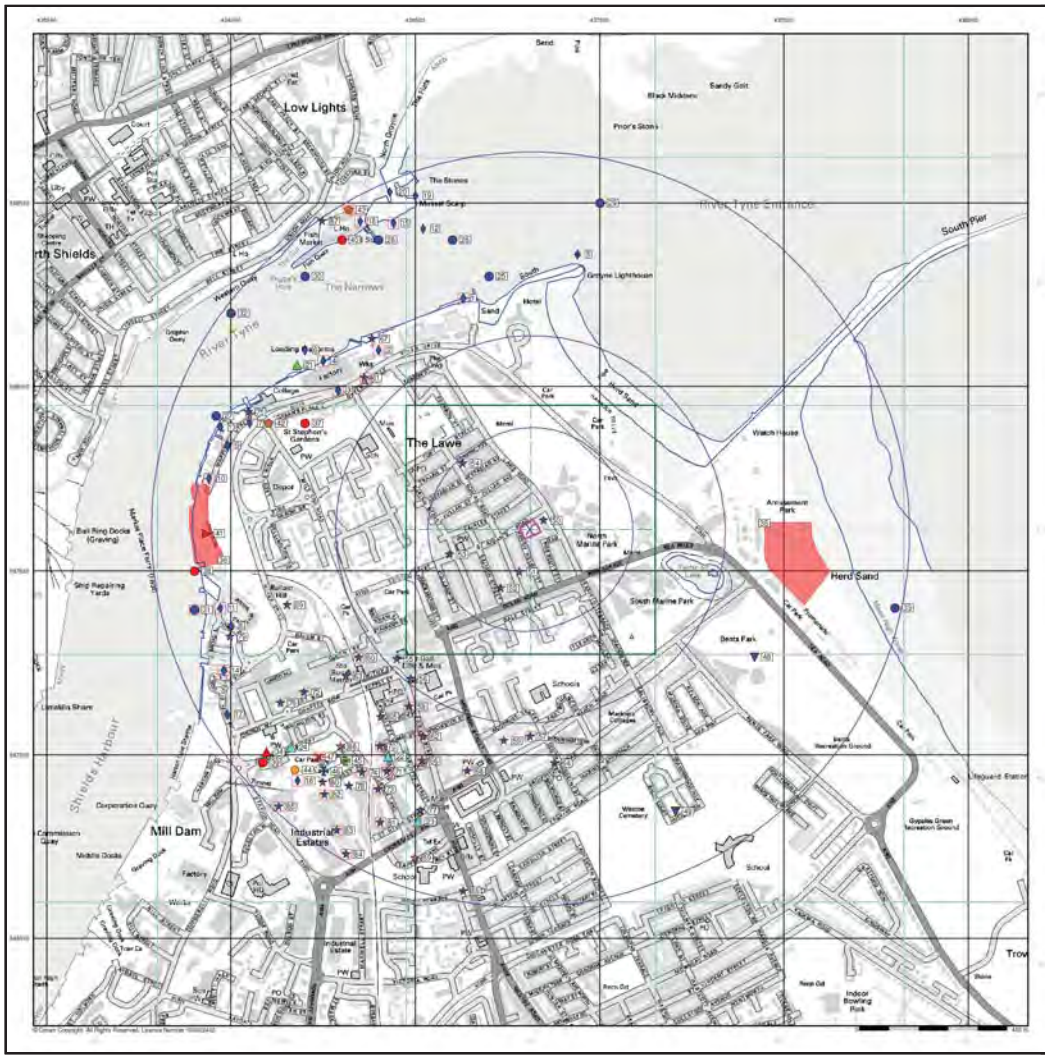
**Site Details**

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



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

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**General**

- Specified Site
- Specified Buffer(s)
- Search of Type of Location
- Plot
- Bearing Reference Point
- Map ID

**Agency and Hydrological**

- Contaminated Land Register Entry or Notice
- Discharge Consent
- Interim or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
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- Prevention Pending to Addressed Processes
- Prevention Pending to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
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- Water Abstraction
- Water Industry Act Referral

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- Local Authority Recorded Landfill Site
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- Registered Landfill Site (Over 100m to 100m)
- Registered Landfill Site (Over 100m to 200m)
- Registered Waste Transfer Site (Feature)
- Registered Waste Transfer Site (County)
- Registered Waste Treatment or Disposal Site (County)
- Registered Waste Treatment or Disposal Site

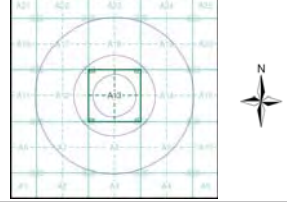
**Geological**

- COMAH Site
- Contaminated Site
- ASSET Site

**Industrial Land Use**

- Coastguard Vessel Embargo Entry
- Fuel Station Entry
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Environment

**Site Sensitivity Map - Slice A**




**Order Details**

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

**Site Details**

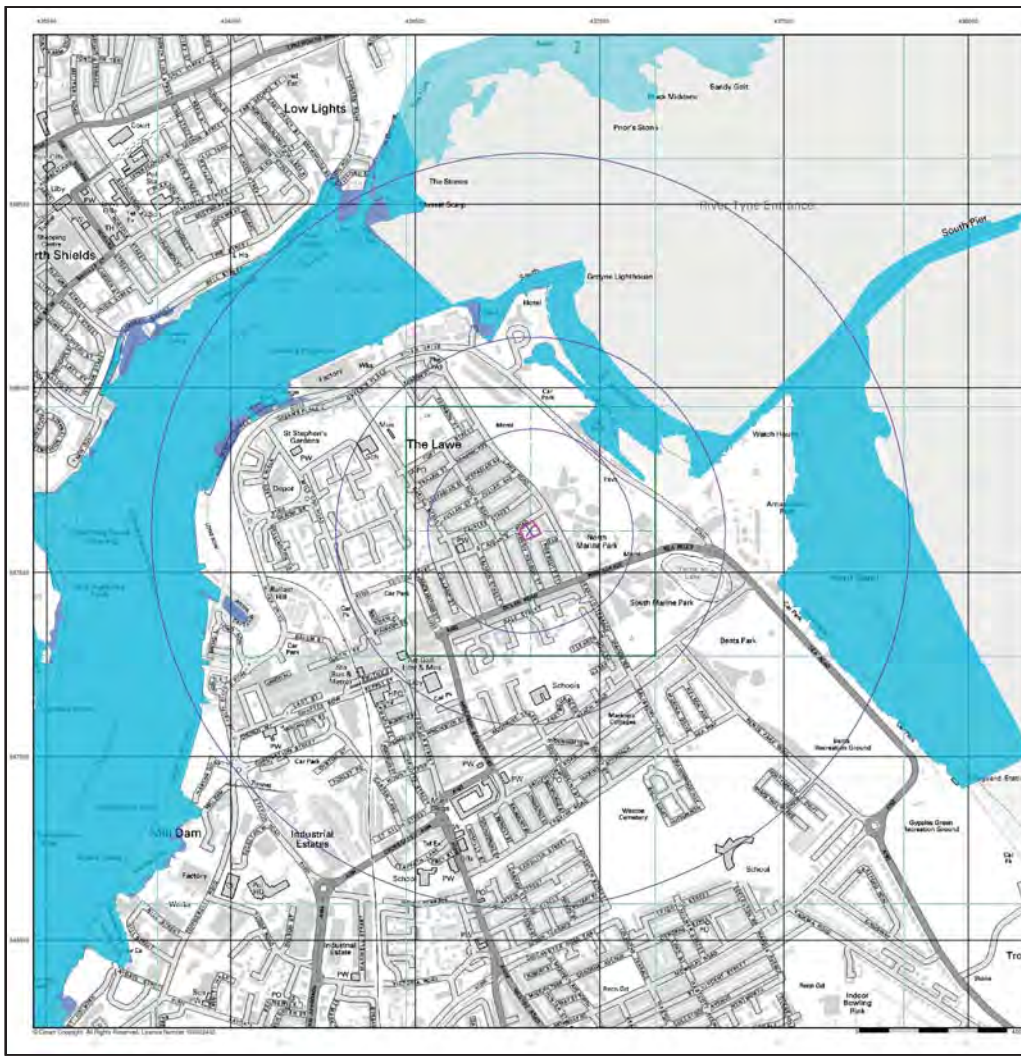
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Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: www.enrichcheck.co.uk

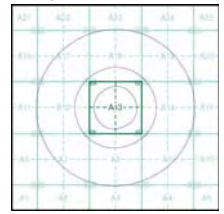
A Landmark Information Group Service v29.0 18-Jun-2008 Page 1 of 3





- General**
- Specified Site
  - Specified Borehole
  - 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 Breasting from Flood Defence
  - Flood Water Storage Areas
  - Flood Defence

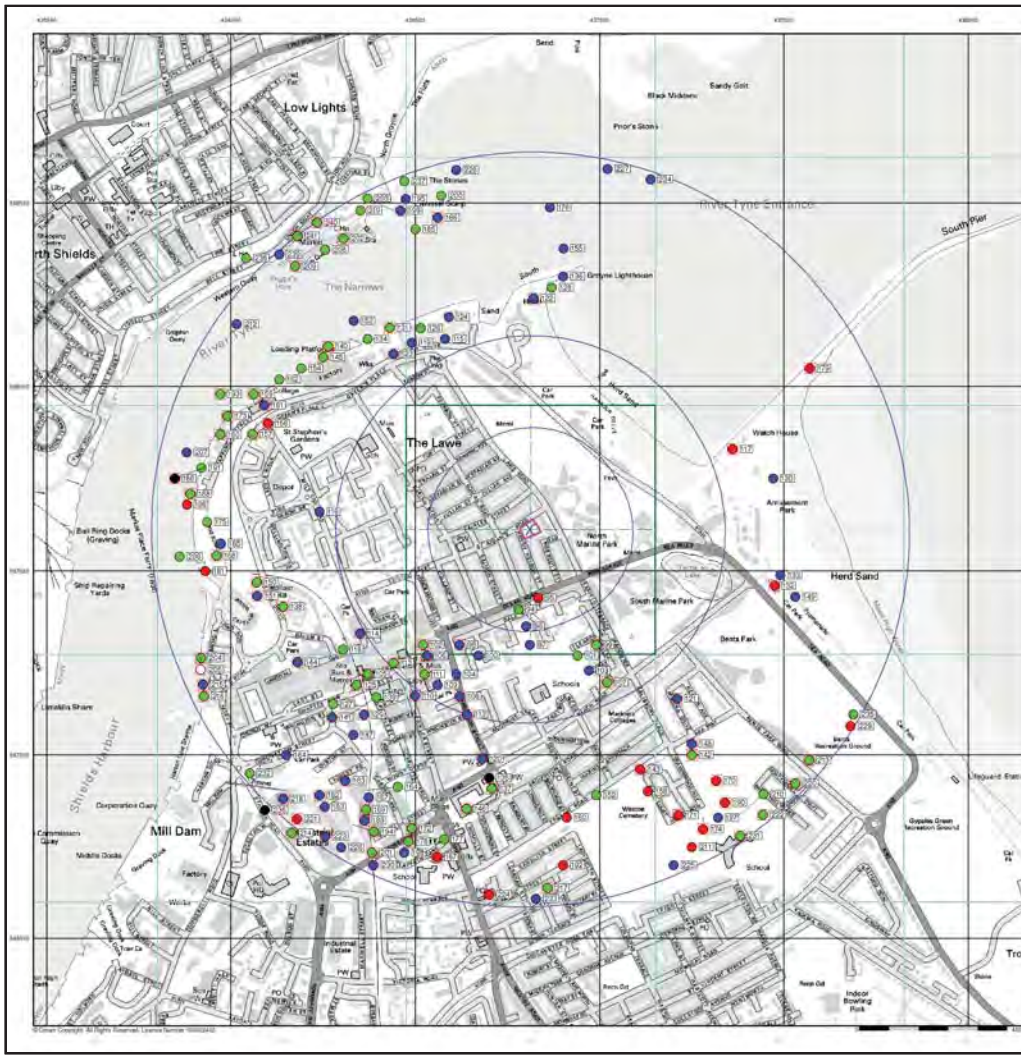
**Flood Map - Slice A**



**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

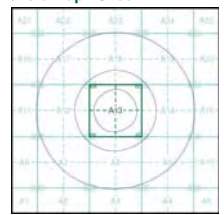


- General**
- Specified Site
  - Specified Borehole
  - X Bearing Reference Point
  - Map ID
  - Symbol of Type at Location
- Agency and Hydrological (Boreholes)**
- BGS Borehole Depth 0 - 10m
  - BGS Borehole Depth 10 - 30m
  - BGS Borehole Depth 30m +
  - Confidential
  - Other

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**



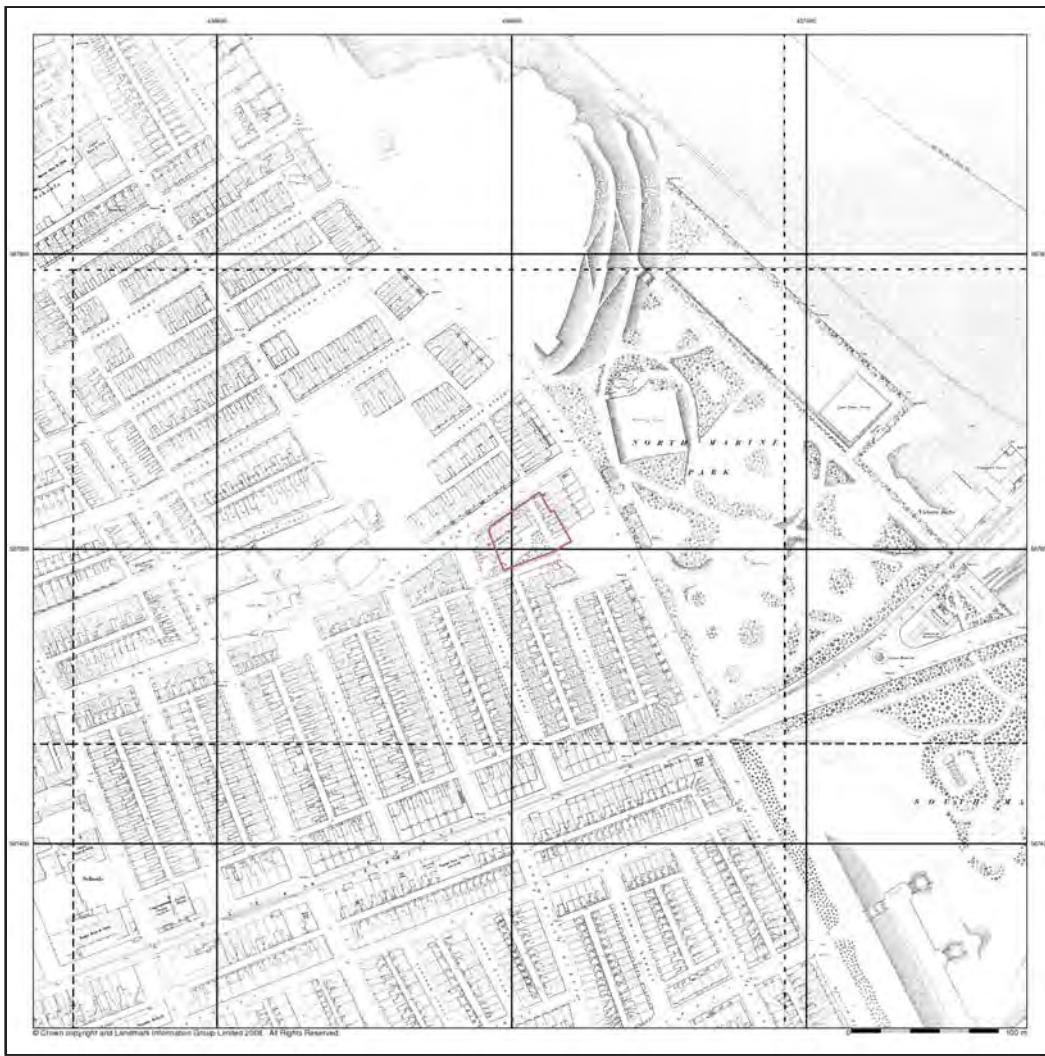
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Order Number: 25646215\_1\_1  
 Customer Ref: 08-329  
 National Grid Reference: 436810, 567610  
 Slice: A  
 Site Area (Ha): 0.17  
 Search Buffer (m): 1000

**Site Details**  
 59a, George Scott Street, South Shields, NE33 2JR







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**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 1896	000_00_032 1896	000_00_033 1896
000_00_036 1896	000_00_037 1896	000_00_038 1896
000_00_041 1896	000_00_042 1896	000_00_043 1896

**Historical Town Plan - Segment A13**

**Order Details**

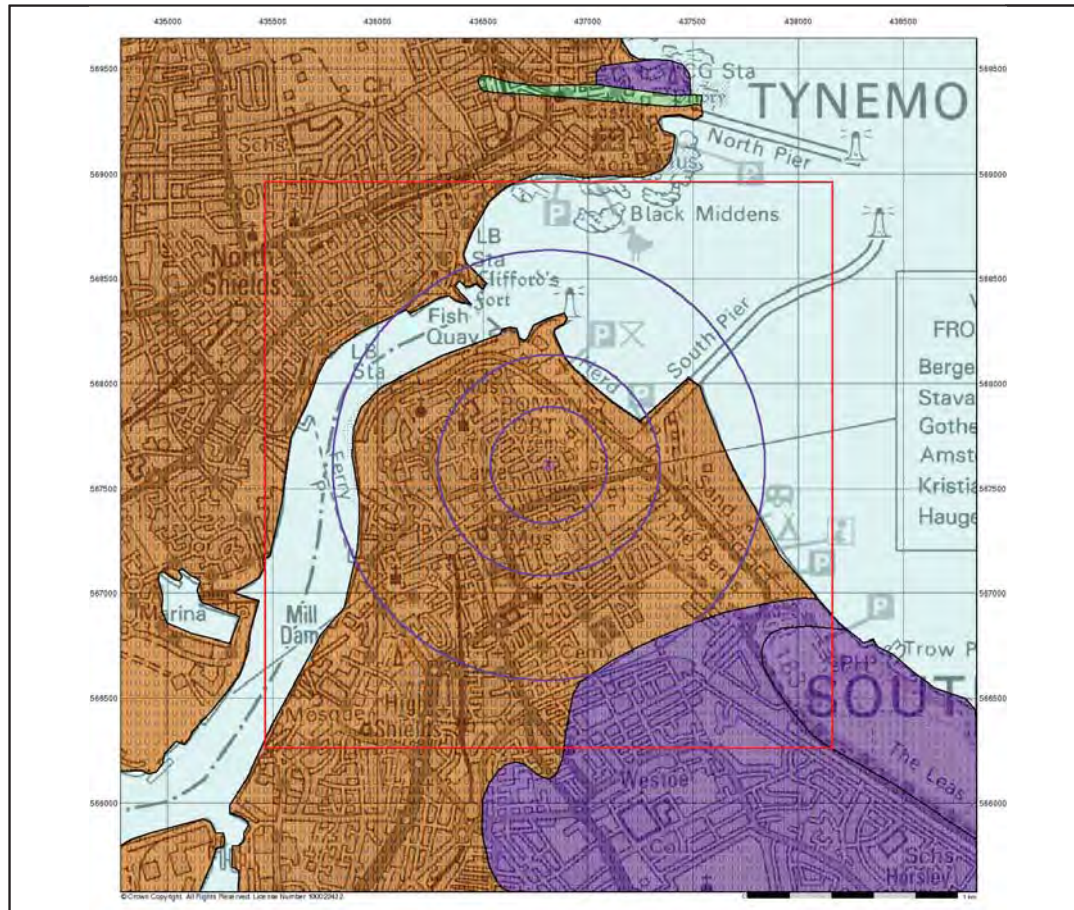
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 Customer Ref: 08-329  
 National Grid Reference: 436810, 567610  
 Slice: A  
 Site Area (Ha): 0.17  
 Search Buffer (m): 0

**Site Details**  
 59a, George Scott Street, South Shields, NE33 2JR

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**Groundwater Vulnerability**

**General**

- Specialised Site
- Stake
- Qualified Buffer(s)
- Map ID
- Bearing Reference Point

**Agency and Hydrological**

**Geological Classes**

- Major Aquifer (Highly Permeable)
- Minor Aquifer (Variably Permeable)
- Non Aquifer (Slightly Permeable)
- Water or Sea
- Drift Deposit

**Soil Classes**

- High (H) 1, 2, 3, U
- Intermediate (I) 1, 2
- Low
- High (H) 1, 2, 3, U
- 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

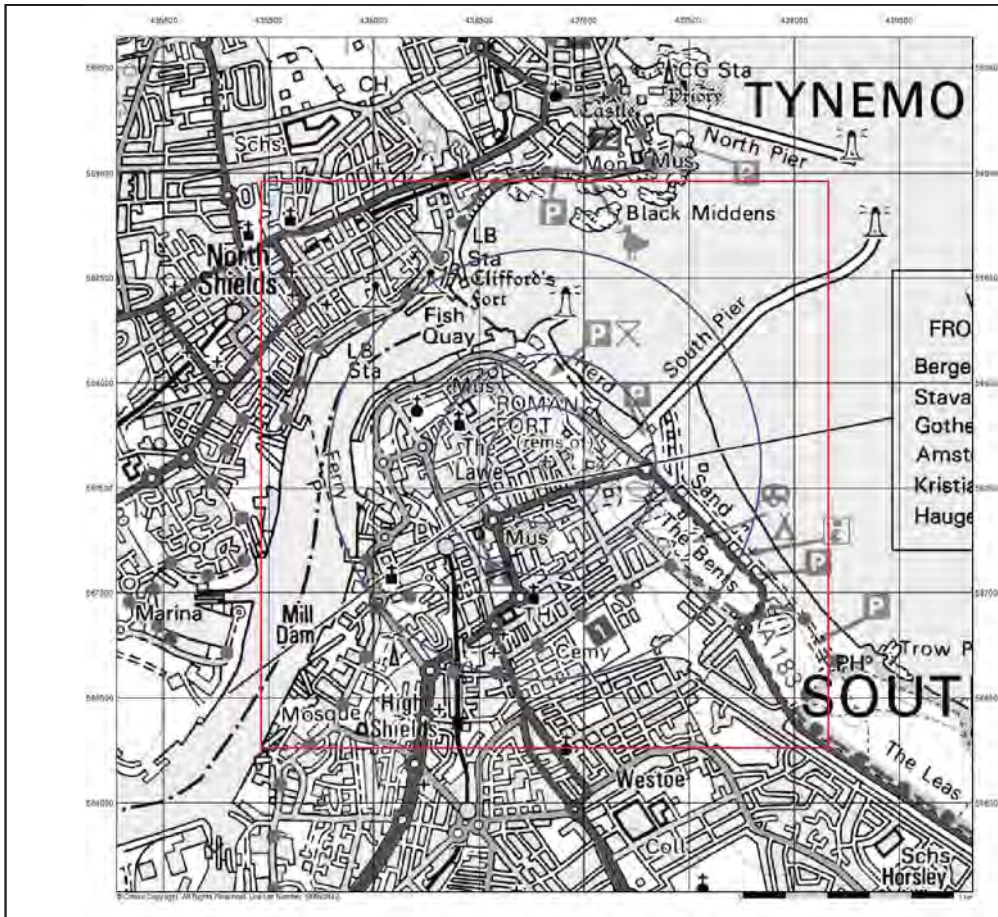
**Site Details**  
 59a, George Scott Street, South Shields, NE33 2JR

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environmental

### Source Protection Zones

**General**

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

**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

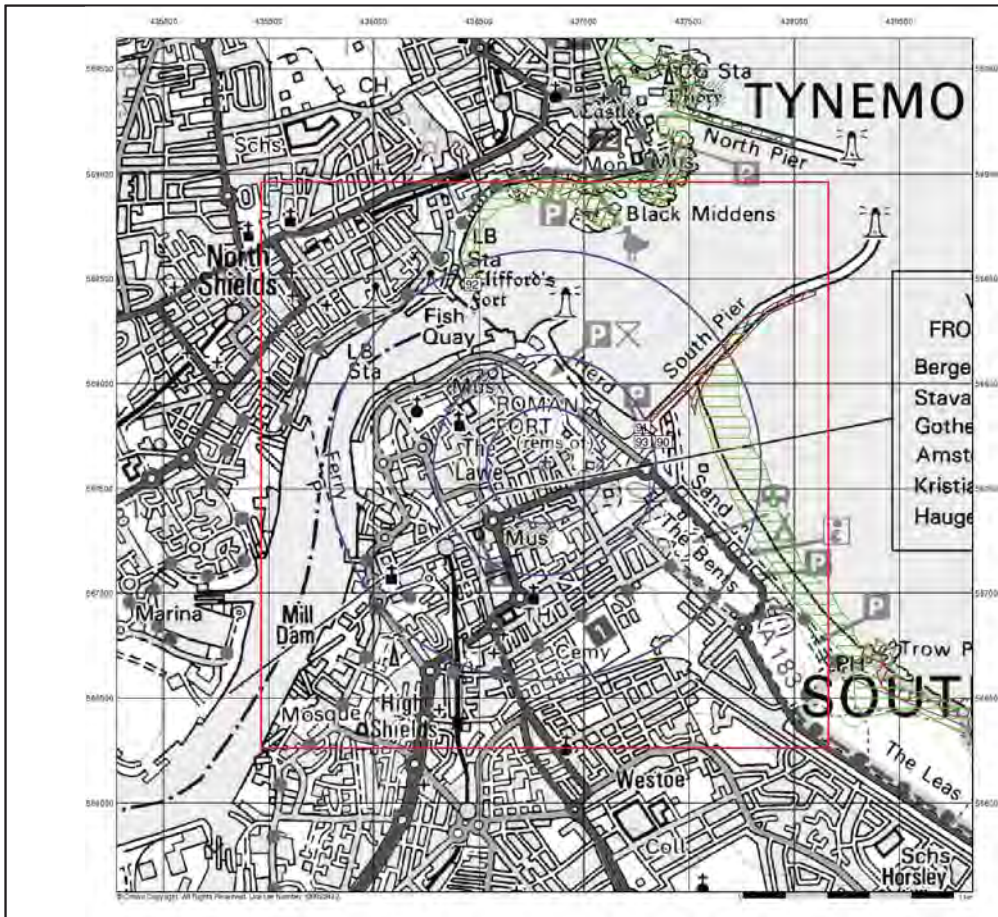
**Site Details**

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 Web: www.enrcheck.co.uk

A Landmark Information Group Service v2.3 18-Jun-2008 Page 2 of 3



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environmental

### Sensitive Land Uses

**General**

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

**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
- Minor 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**

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**LANDMARK**  
Information Group

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



# Historical Mapping Legends

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

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

## Ordnance Survey Plan 1:10,000

Chalk Pit, Clay Pit or Quarry, Gravel Pit, Sand Pit, Disused Pit or Quarry, Refuse or Slag Heap, Lake, Loch or Pond, Dunes, Boulders, Coniferous Trees, Non-Coniferous Trees, Orchard, Scrub, Coppice, Bracken, Heath, Rough Grassland, Marsh, Reeds, Saltings, Building, Glasshouse, Sloping Masonry, Pylon, Electricity Transmission Line, Pole, Cutting, Embankment, Standard Gauge Multiple Track, Standard Gauge Single Track, Siding, Tramway or Mineral Line, Narrow Gauge, Geographical County, Administrative County, County Borough or County of City, Municipal Borough, Urban or Rural District, Burgh or District Council, Borough Burgh or County Constituency, Civil Parish, Boundary Post or Stone, Church, Club House, Fire Engine Station, Foot Bridge, Fountain, Guide Post, Mile Post, Boundary Post or Stone, Church, Club House, Fire Engine Station, Foot Bridge, Fountain, Guide Post, Mile Post, Police Station, Post Office, Public Convenience, Public House, Signal Box, Spring, Telephone Call Box, Telephone Call Post, Well

## 1:10,000 Raster Mapping

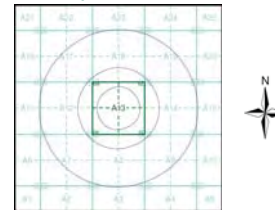
Gravel Pit, Refuse tip or slag heap, Rock, Rock (scattered), Boulders, Boulders (scattered), Shingle, Sand, Sand Pit, Slopes, Top of cliff, General detail, Underground detail, Narrow gauge railway, Single track railway, Multi-track railway, County boundary (England only), District, Unitary, Metropolitan, London Borough boundary, Civil, parish or community boundary, Constituency boundary, Area of wooded vegetation, Non-coniferous trees, Coniferous trees (scattered), Coniferous trees (scattered), Orchard, Rough Grassland, Heath, Scrub, Water feature, Mean high water (springs), Mean low water (springs), Telephone line (where shown), Electricity transmission line (with poles), Bench mark (where shown), Point feature (e.g. Guide Post or Mile Stone), Site of (antiquity), Glasshouse, General Building, Important Building



## 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	1896	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	2006	15

## Historical Map - Slice A



## Order Details

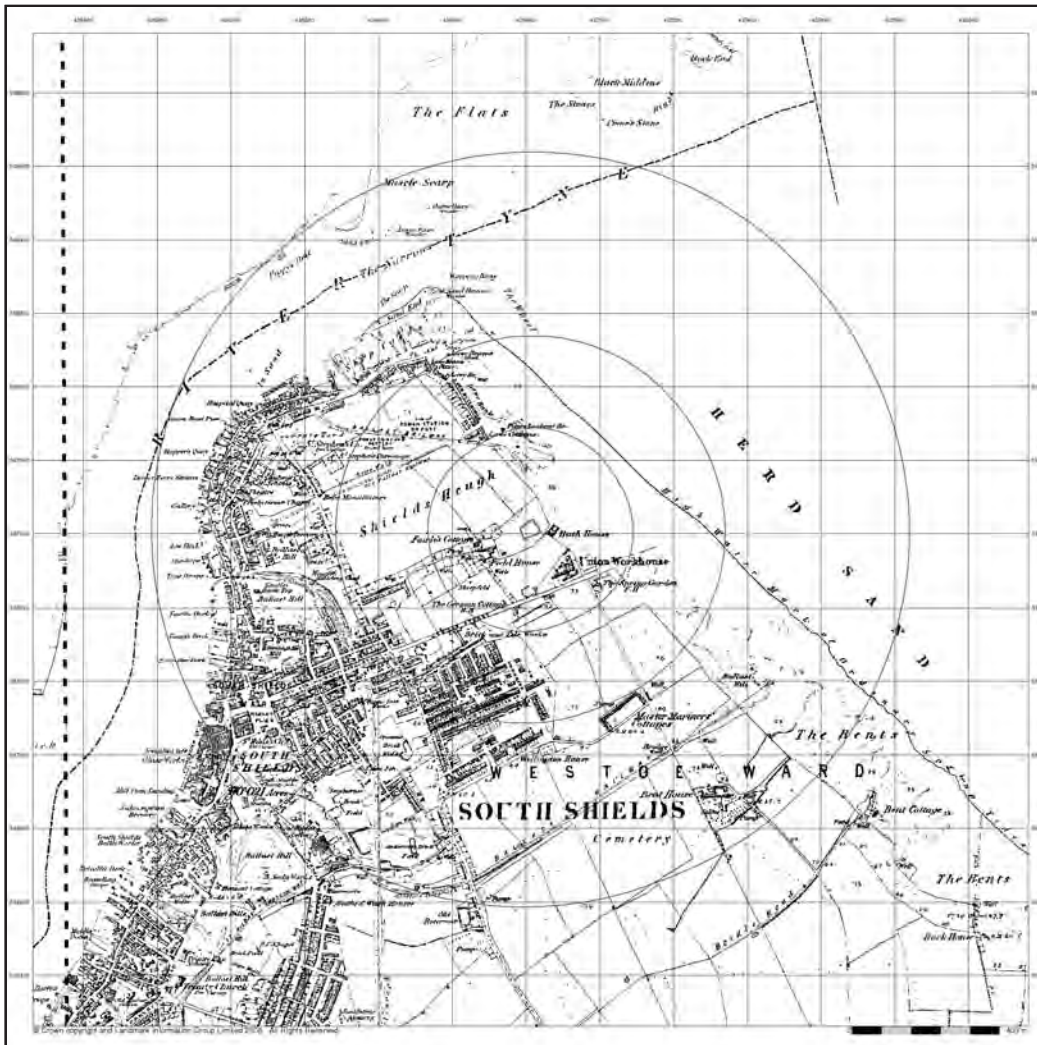
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 Customer Ref: 08-329  
 National Grid Reference: 436810, 567610  
 Slice: A  
 Site Area (Ha): 0.17  
 Search Buffer (m): 1000

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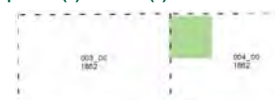
## Durham

## Published 1862

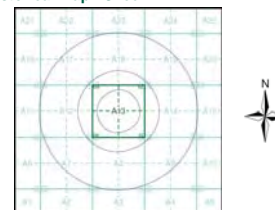
## Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 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

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

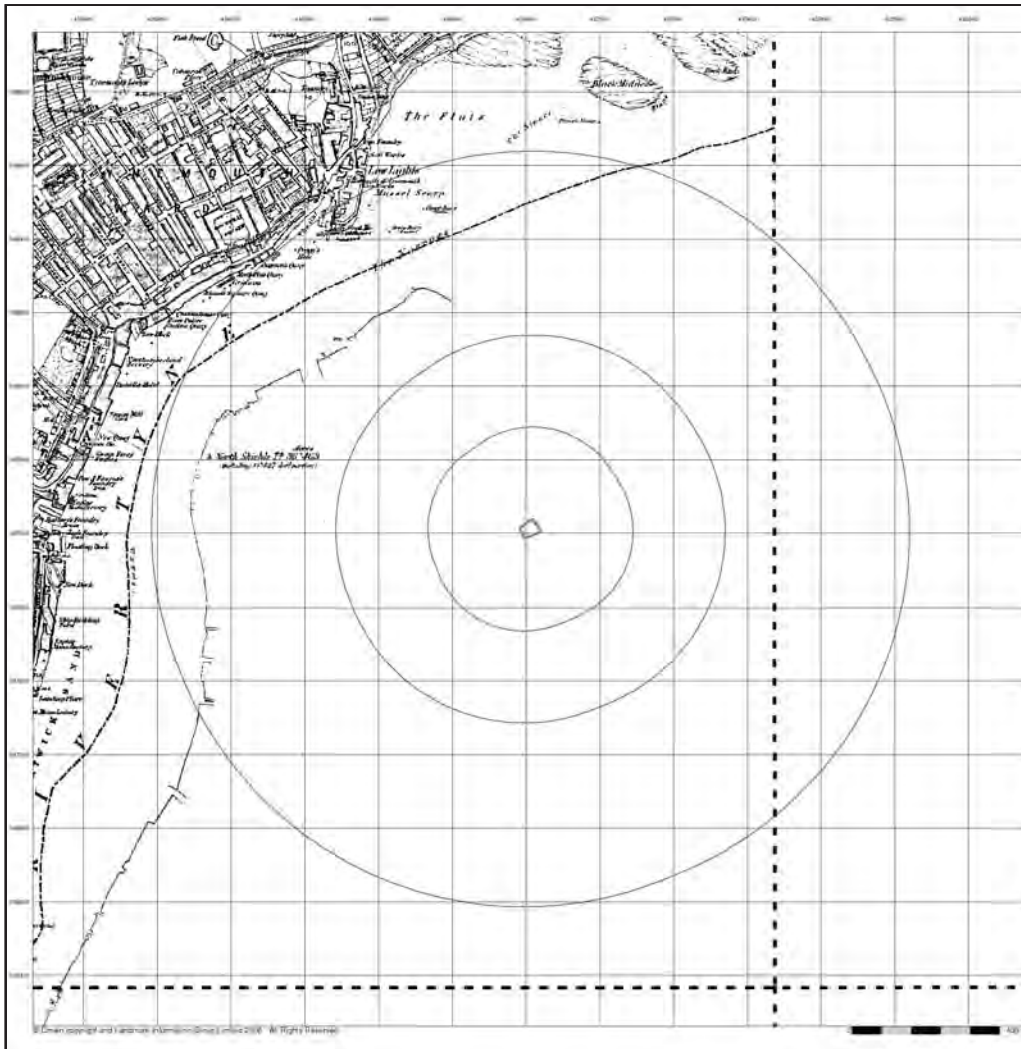
## Site Details

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



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 Web: www.enrichcheck.co.uk





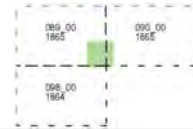
**Northumberland**

Published 1864 - 1865

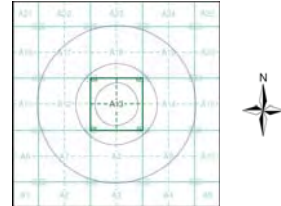
Source map scale - 1:10,560

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**

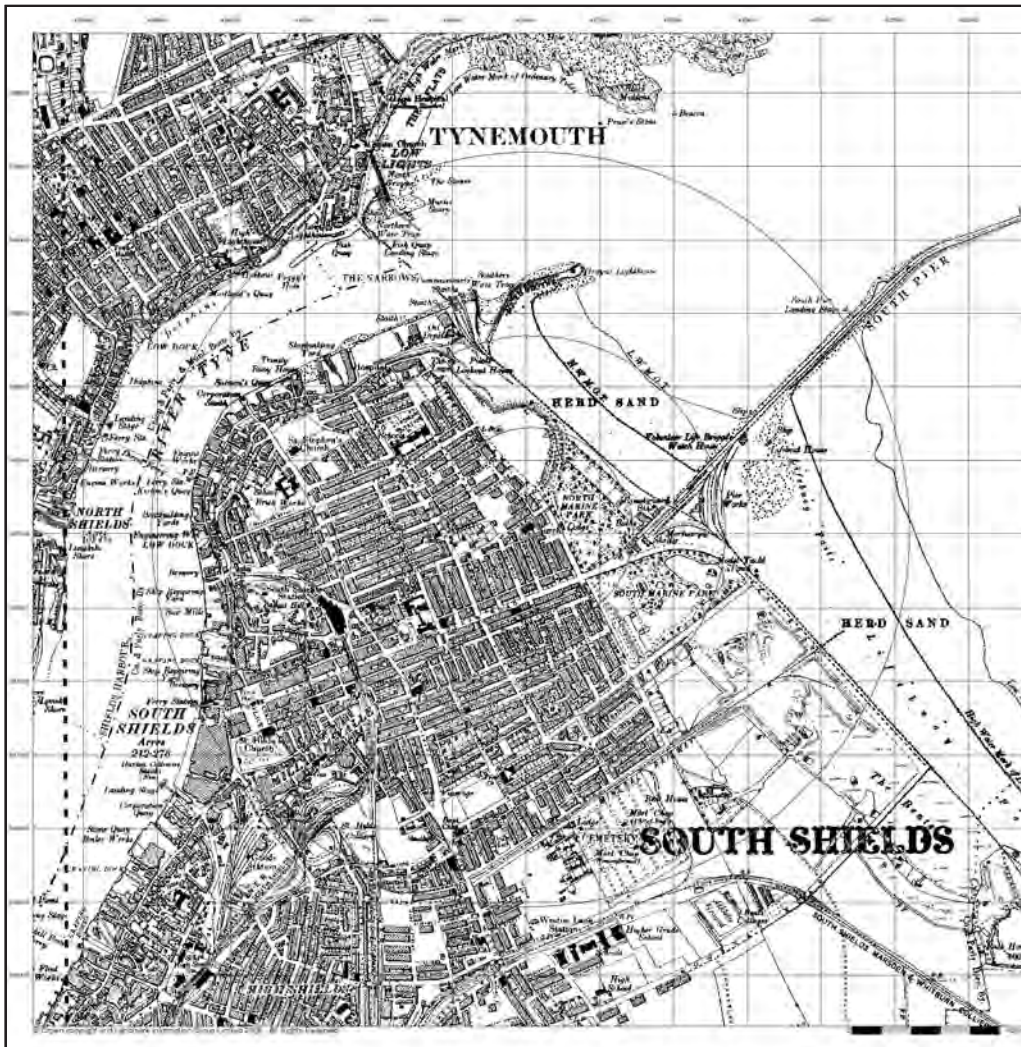
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 Customer Ref: 08-329  
 National Grid Reference: 436810, 567610  
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 Search Buffer (m): 1000

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**Durham**

Published 1898

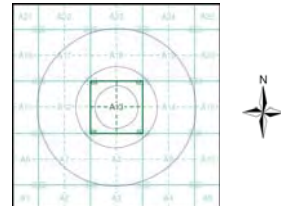
Source map scale - 1:10,560

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  
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**Site Details**

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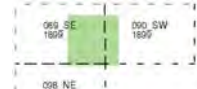


**Northumberland**  
Published 1899

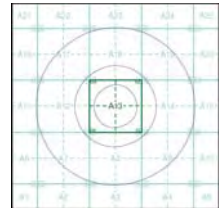
Source map scale - 1:10,560

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**

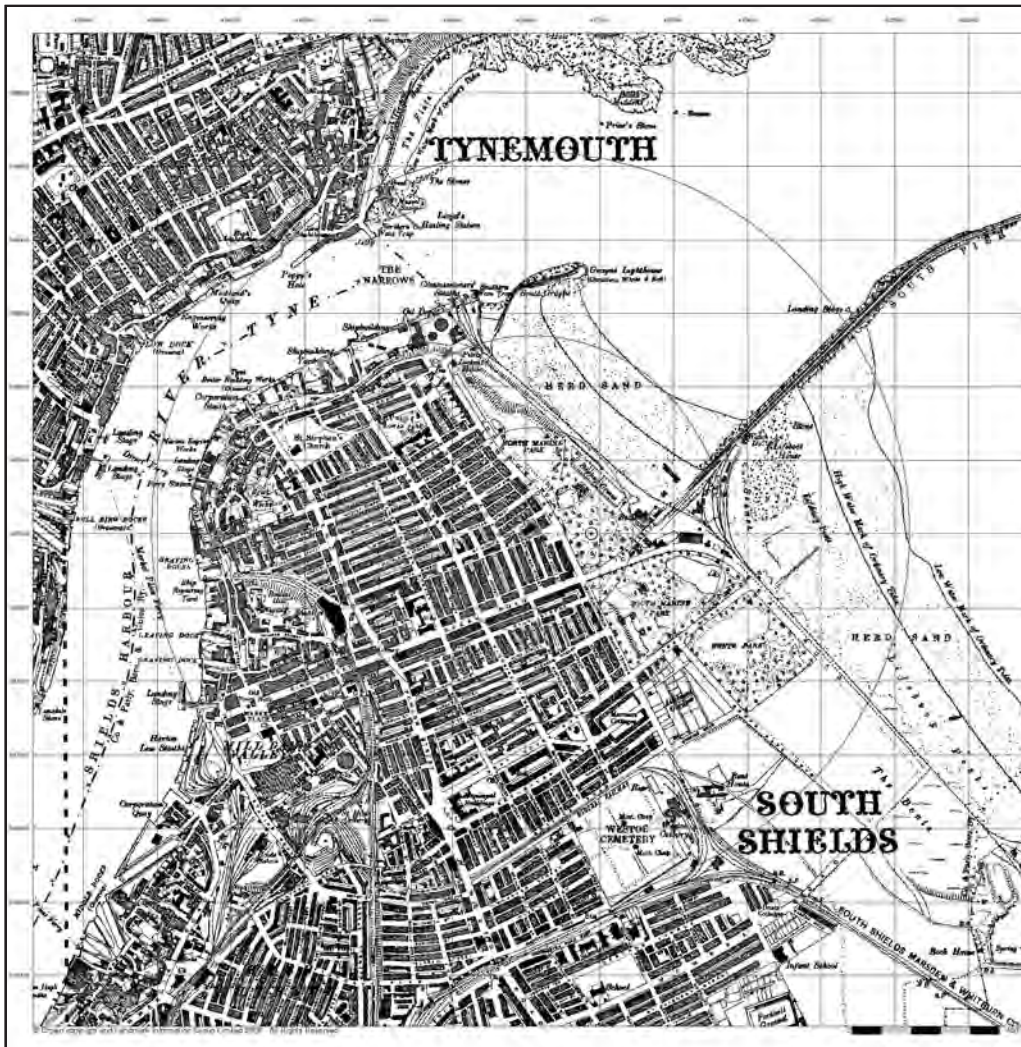
Order Number: 25646215\_1\_1  
Customer Ref: 08-329  
National Grid Reference: 436810, 567610  
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Site Area (Ha): 0.17  
Search Buffer (m): 1000

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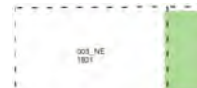


**Durham**  
Published 1921

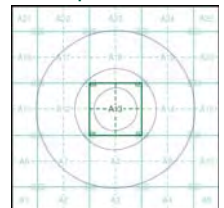
Source map scale - 1:10,560

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**

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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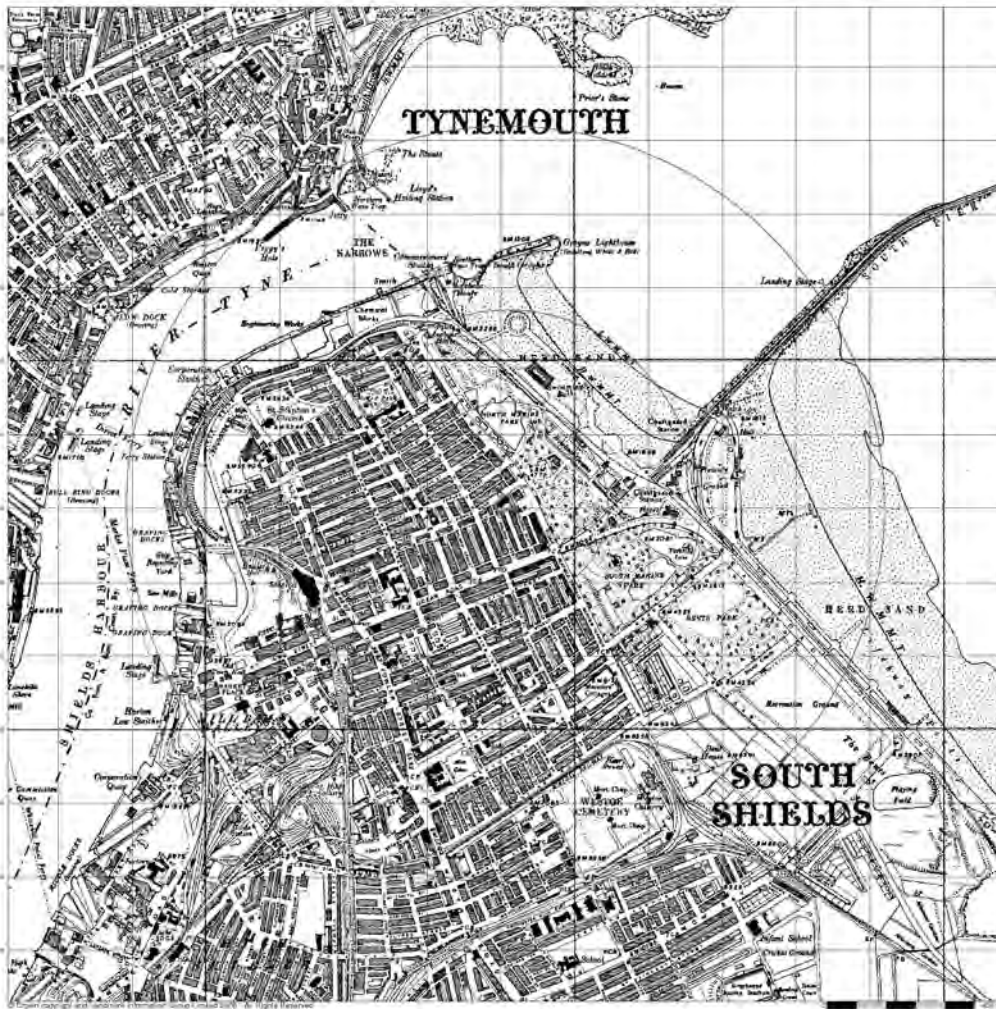


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**Ordnance Survey Plan**

Published 1952

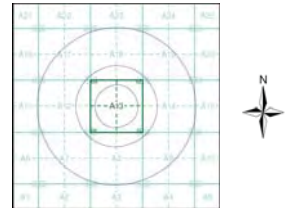
Source map scale - 1:10,560

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**

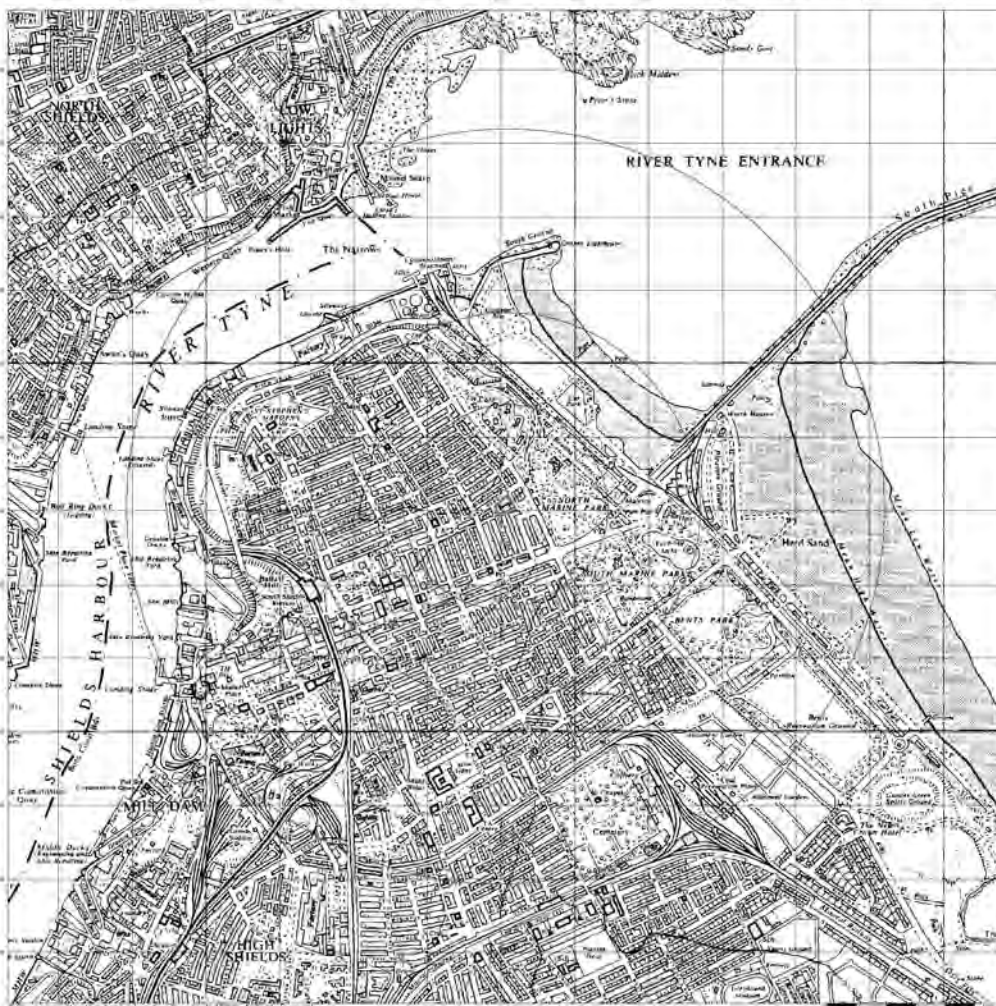
Order Number: 25646215\_1\_1  
 Customer Ref: 08-329  
 National Grid Reference: 436810, 567610  
 Slice: A  
 Site Area (Ha): 0.17  
 Search Buffer (m): 1000

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**Ordnance Survey Plan**

Published 1967

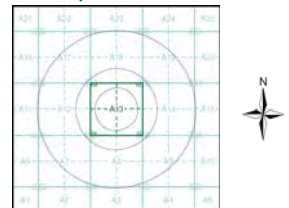
Source map scale - 1:10,560

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  
 Customer Ref: 08-329  
 National Grid Reference: 436810, 567610  
 Slice: A  
 Site Area (Ha): 0.17  
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**Ordnance Survey Plan**  
**Published 1976**  
**Source map scale - 1:10,000**

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

**Map Name(s) and Date(s)**



**Historical Map - Slice A**



**Order Details**

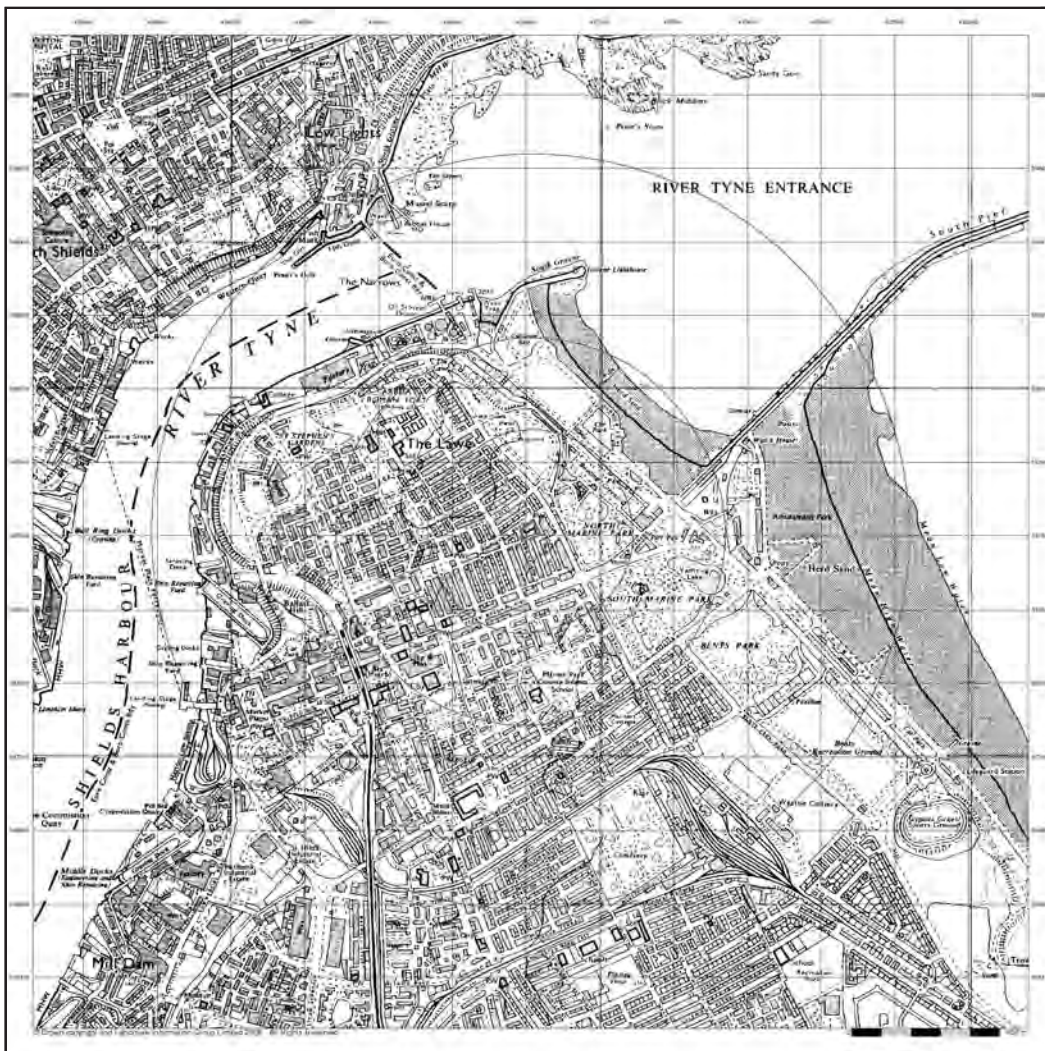
Order Number: 25646215\_1\_1  
 Customer Ref: 08-329  
 National Grid Reference: 436810, 567610  
 Slice: A  
 Site Area (Ha): 0.17  
 Search Buffer (m): 1000

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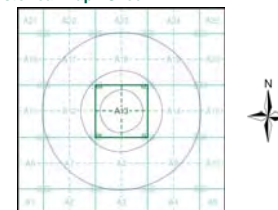
**Ordnance Survey Plan**  
**Published 1986**  
**Source map scale - 1:10,000**

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

**Map Name(s) and Date(s)**



**Historical Map - Slice A**



**Order Details**

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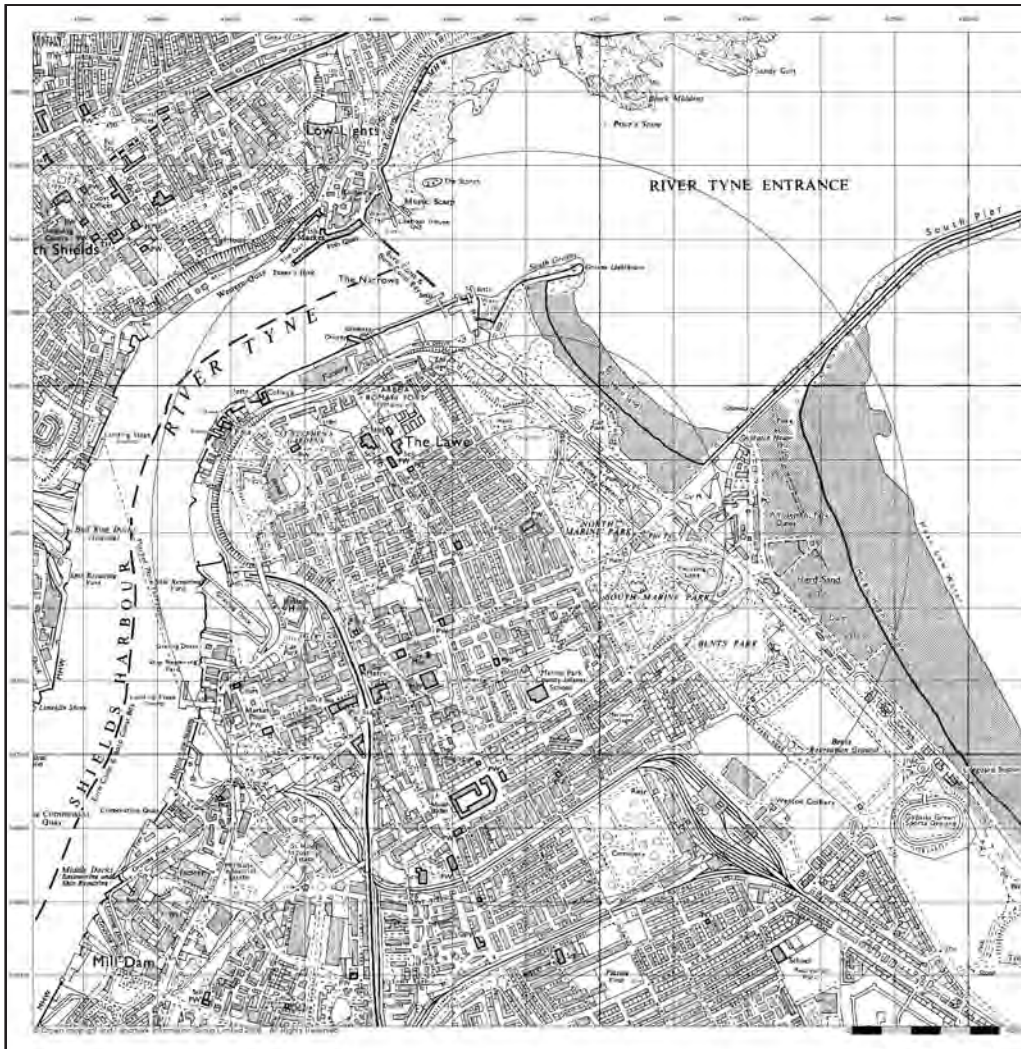
**Site Details**

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



Tel: 0844 844 9952  
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 Web: www.enrichcheck.co.uk





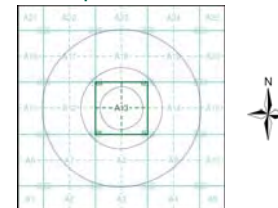
**Ordnance Survey Plan**  
**Published 1993**  
**Source map scale - 1:10,000**

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1954 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

**Site Details**

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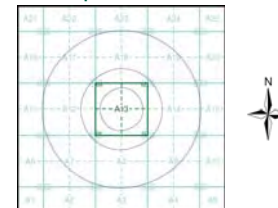
**10K Raster Mapping**  
**Published 2000**  
**Source map scale - 1:10,000**

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  
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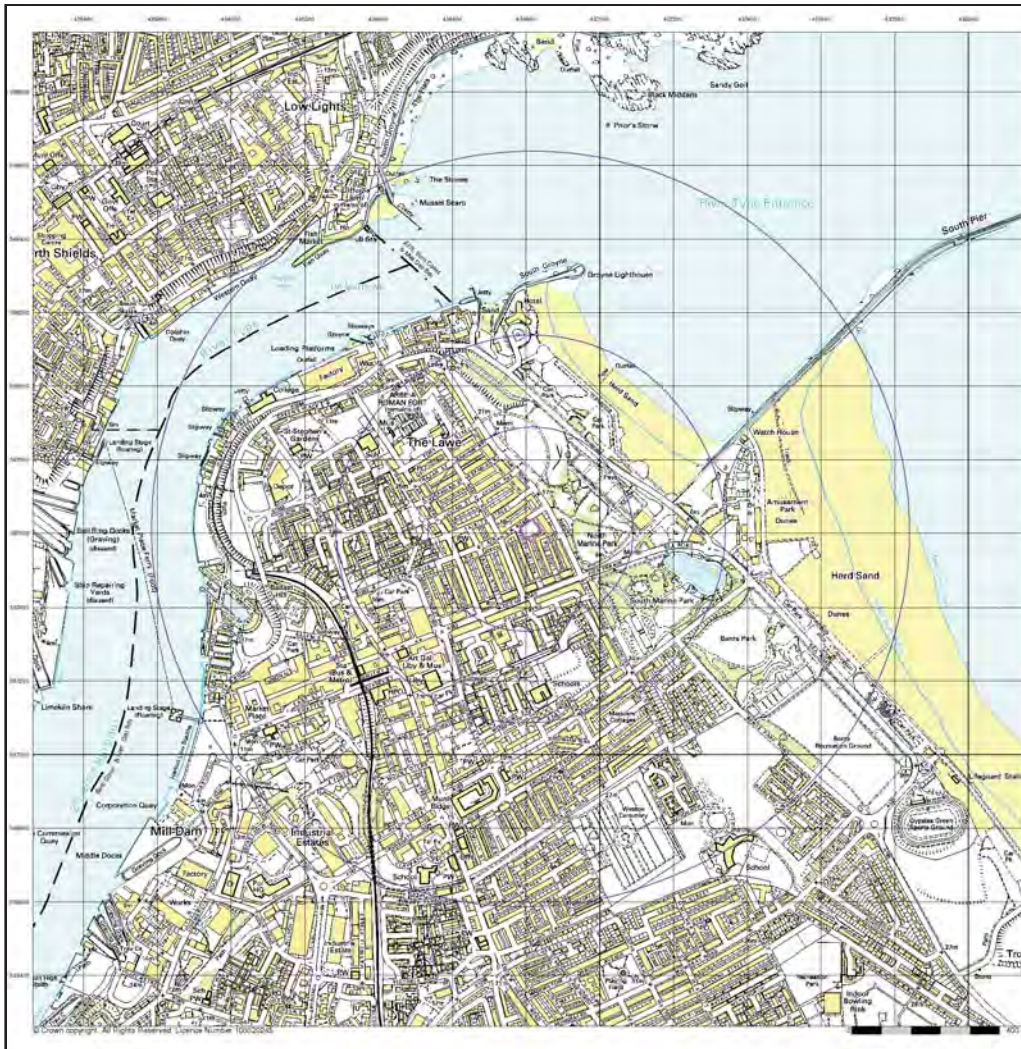
**Site Details**

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





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

### Historical Mapping Legends

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

#### Ordnance 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	Pg
Durham	1:2,500	1858 - 1881	2
Northumberland	1:2,500	1861	3
Durham	1:2,500	1897 - 1898	4
Durham	1:2,500	1915	5
Durham	1:2,500	1941	6
Ordnance Survey Plan	1:1,250	1955 - 1956	7
Ordnance Survey Plan	1:2,500	1956	8
Ordnance Survey Plan	1:1,250	1963 - 1974	9
Ordnance Survey Plan	1:1,250	1969 - 1988	10
Supply of Unpublished Survey Information	1:1,250	1973 - 1975	11
Supply of Unpublished Survey Information	1:1,250	1975	12
Additional SIMs	1:1,250	1977 - 1992	13
Additional SIMs	1:1,250	1989 - 1991	14
Ordnance 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  
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 Slice: A  
 Site Area (Ha): 0.17  
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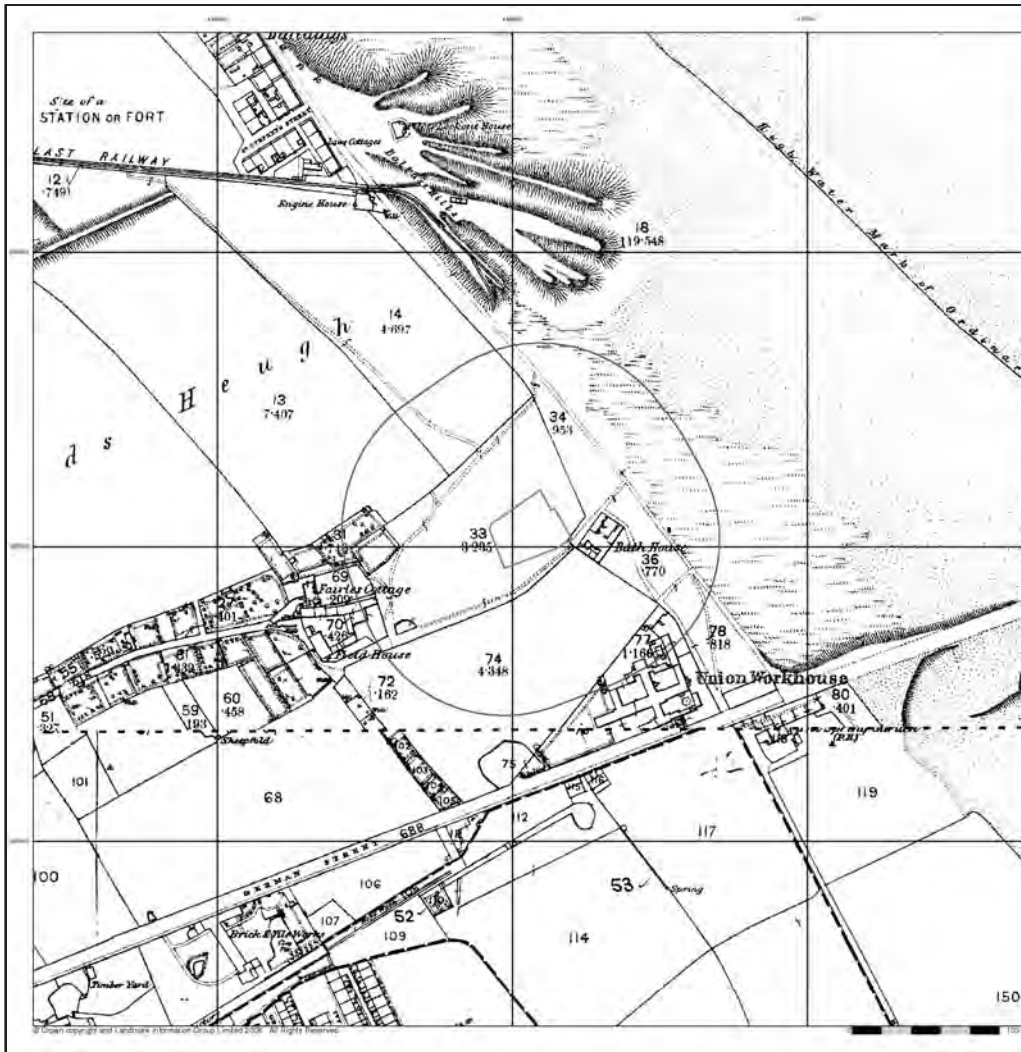
**Site Details**

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A Landmark Information Group Service v29.0 18-Jun-2008 Page 1 of 17

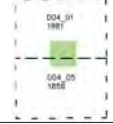




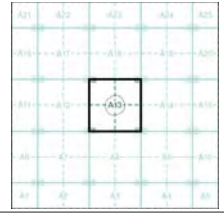
**Durham**  
**Published 1858 - 1881**  
**Source map scale - 1:2,500**

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 1898 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**

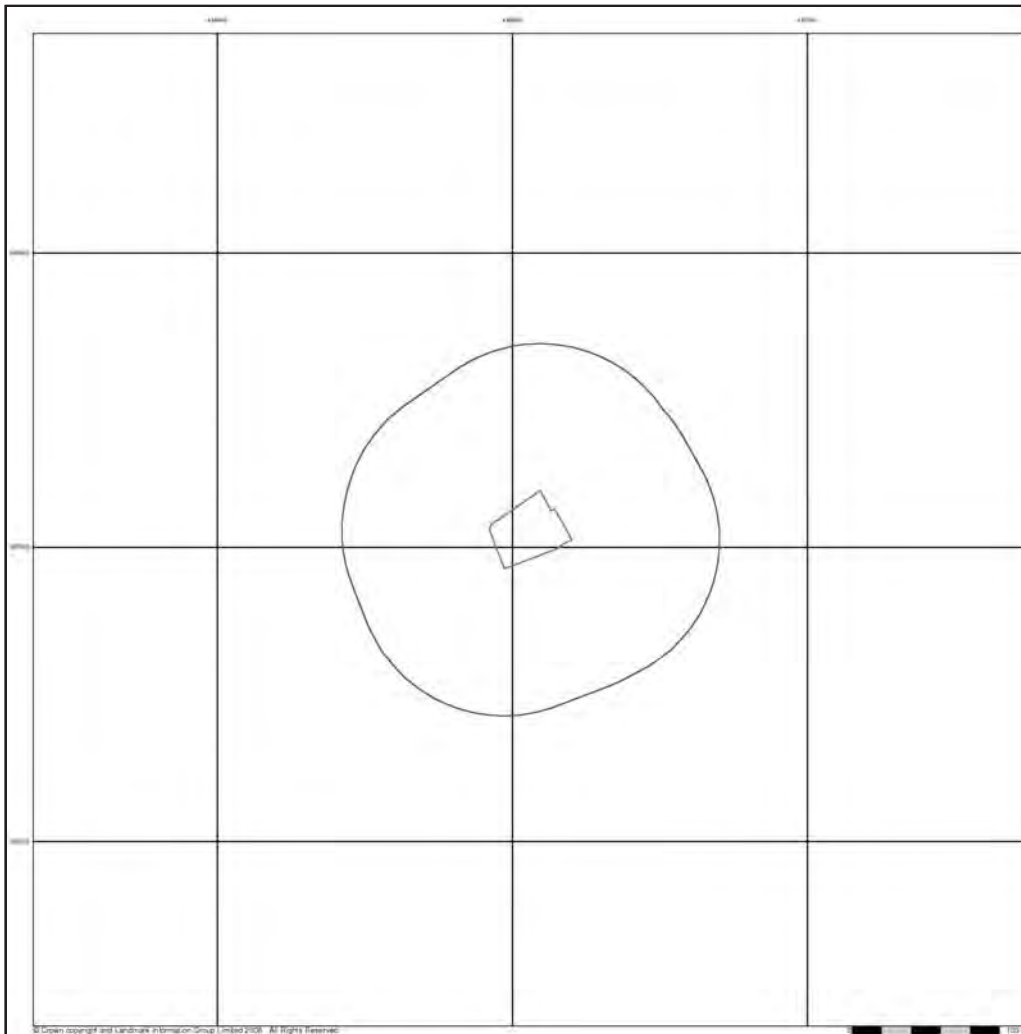


**Order Details**  
 Order Number: 25646215\_1\_1  
 Customer Ref: 08-329  
 National Grid Reference: 436810, 567610  
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**Site Details**  
 59a, George Scott Street, South Shields, NE33 2JR



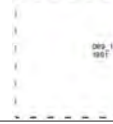
Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: www.enrichcheck.co.uk



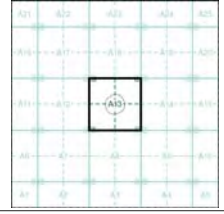
**Northumberland**  
**Published 1861**  
**Source map scale - 1:2,500**

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 1898 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**



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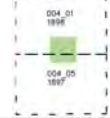
**Durham**

Published 1897 - 1898

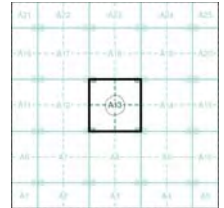
Source map scale - 1:2,500

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 1898 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**

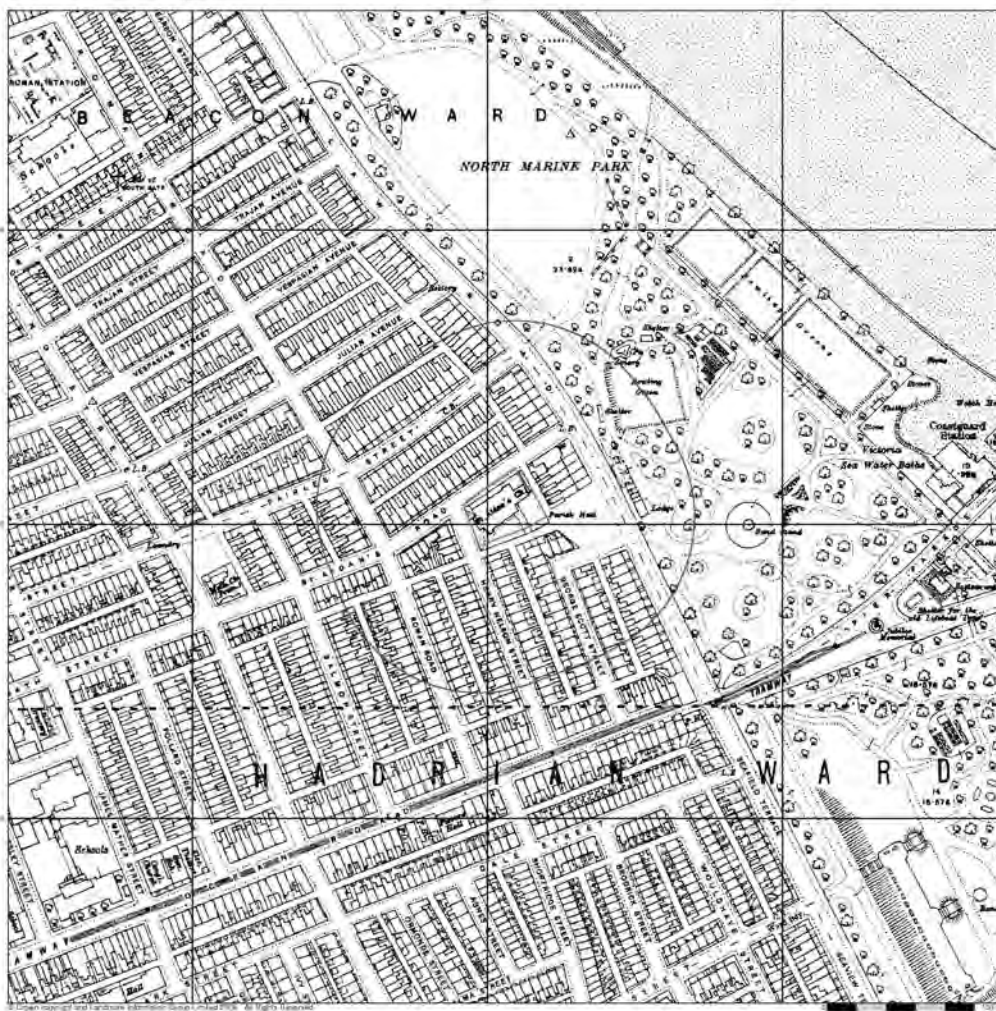
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 Customer Ref: 08-329  
 National Grid Reference: 436810, 567610  
 Slice: A  
 Site Area (Ha): 0.17  
 Search Buffer (m): 100

**Site Details**

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



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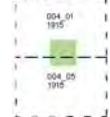
**Durham**

Published 1915

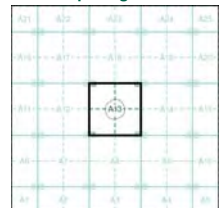
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1898 it covered the whole of what were considered 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**

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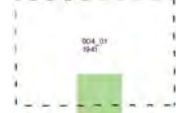




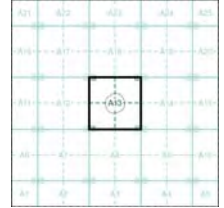
**Durham**  
**Published 1941**  
**Source map scale - 1:2,500**

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 1936 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 1936, 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**

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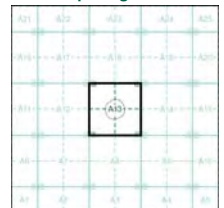
**Ordnance Survey Plan**  
**Published 1955 - 1956**  
**Source map scale - 1:1,250**

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 1936 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 1936, 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  
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 Slice: A  
 Site Area (Ha): 0.17  
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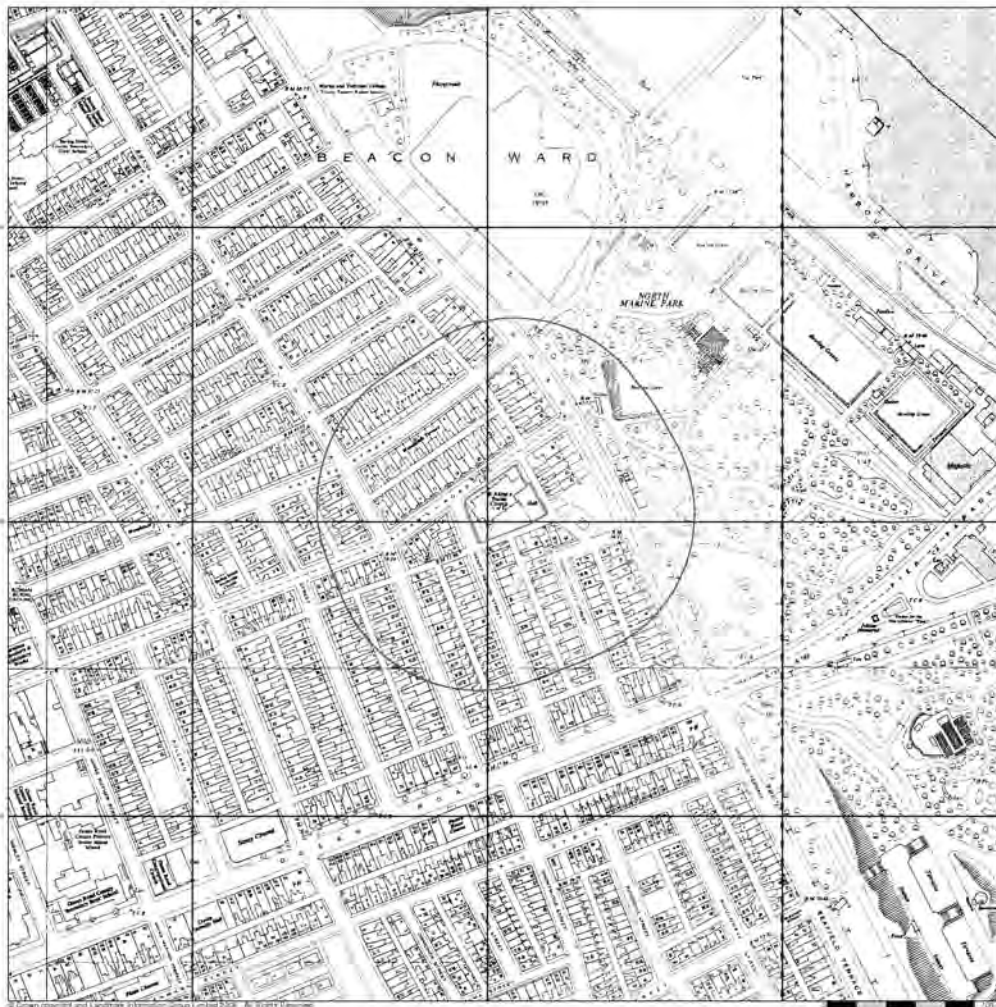
**Site Details**

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



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

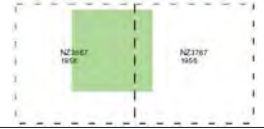




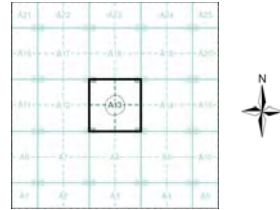
**Ordnance Survey Plan  
Published 1956  
Source map scale - 1:2,500**

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1936 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 1936, 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  
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**Site Details**

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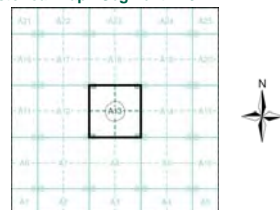
**Ordnance Survey Plan  
Published 1963 - 1974  
Source map scale - 1:1,250**

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**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

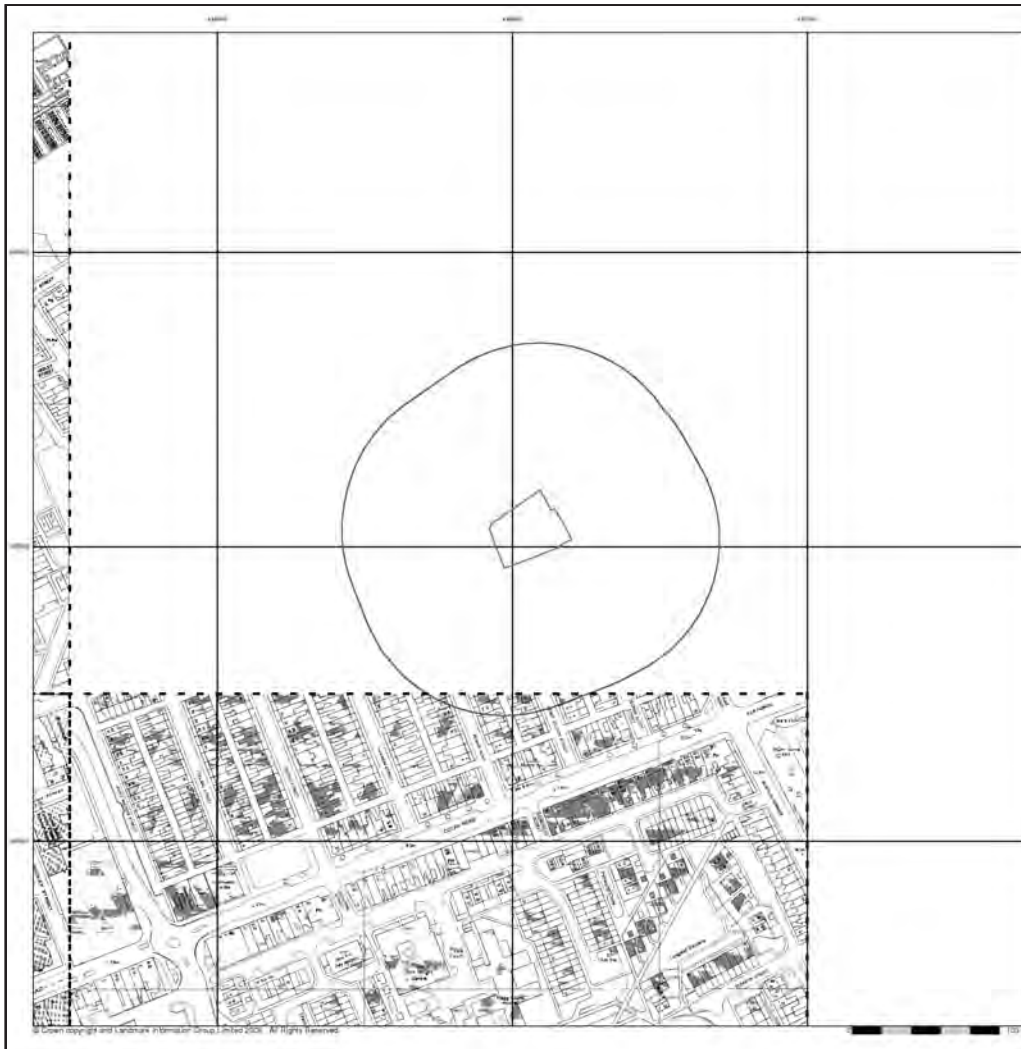
**Site Details**

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Web: www.enirocheck.co.uk





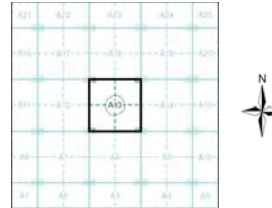
**Ordnance Survey Plan**  
**Published 1969 - 1989**  
**Source map scale - 1:1,250**

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**Map Name(s) and Date(s)**



**Historical Map - Segment A13**



**Order Details**

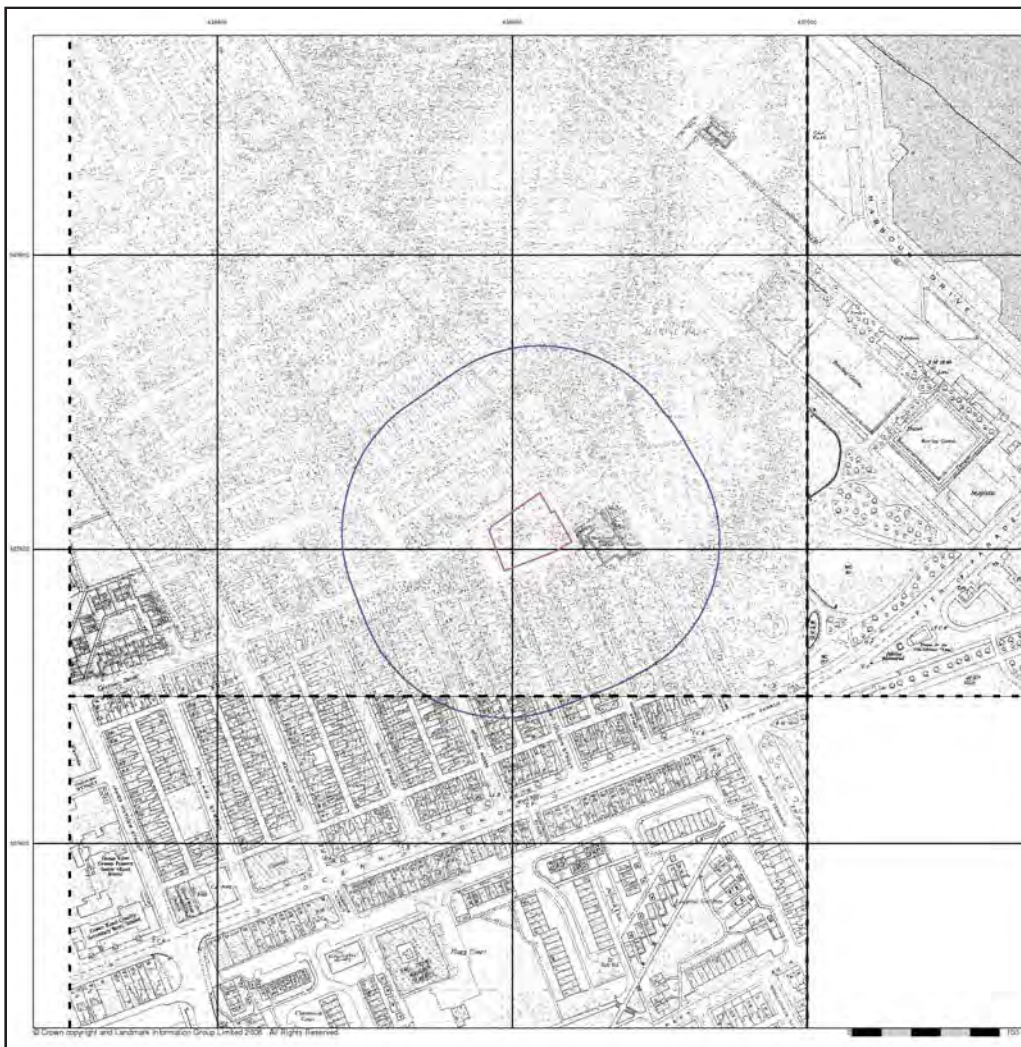
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 Site Area (Ha): 0.17  
 Search Buffer (m): 100

**Site Details**

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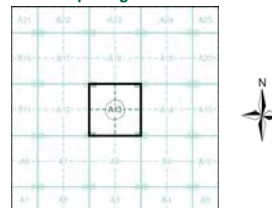
**Supply of Unpublished Survey Information**  
**Published 1973 - 1975**  
**Source map scale - 1:1,250**

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

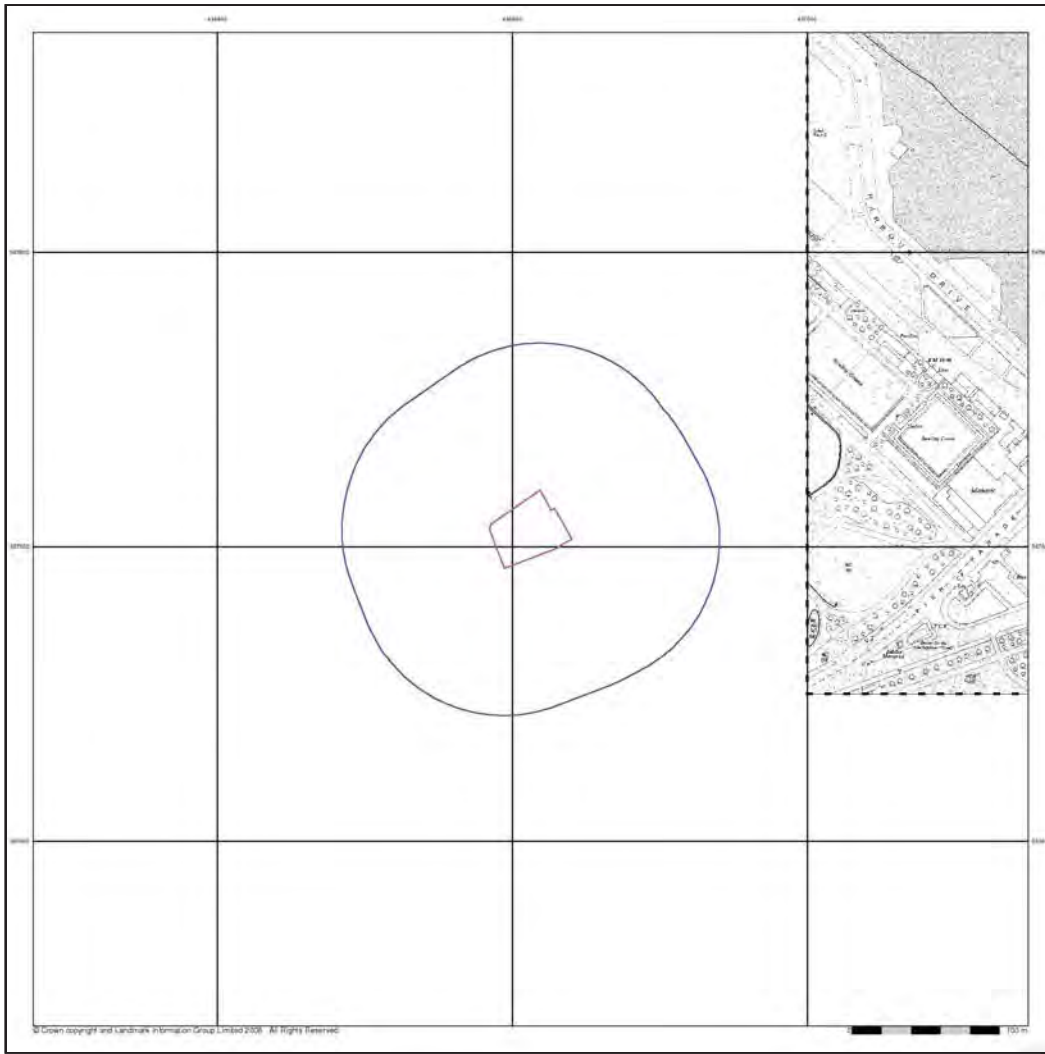
**Site Details**

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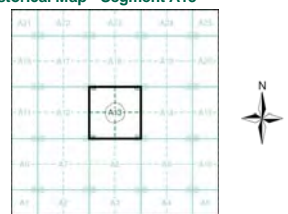
**Supply of Unpublished Survey Information**  
**Published 1975**  
**Source map scale - 1:1,250**

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**

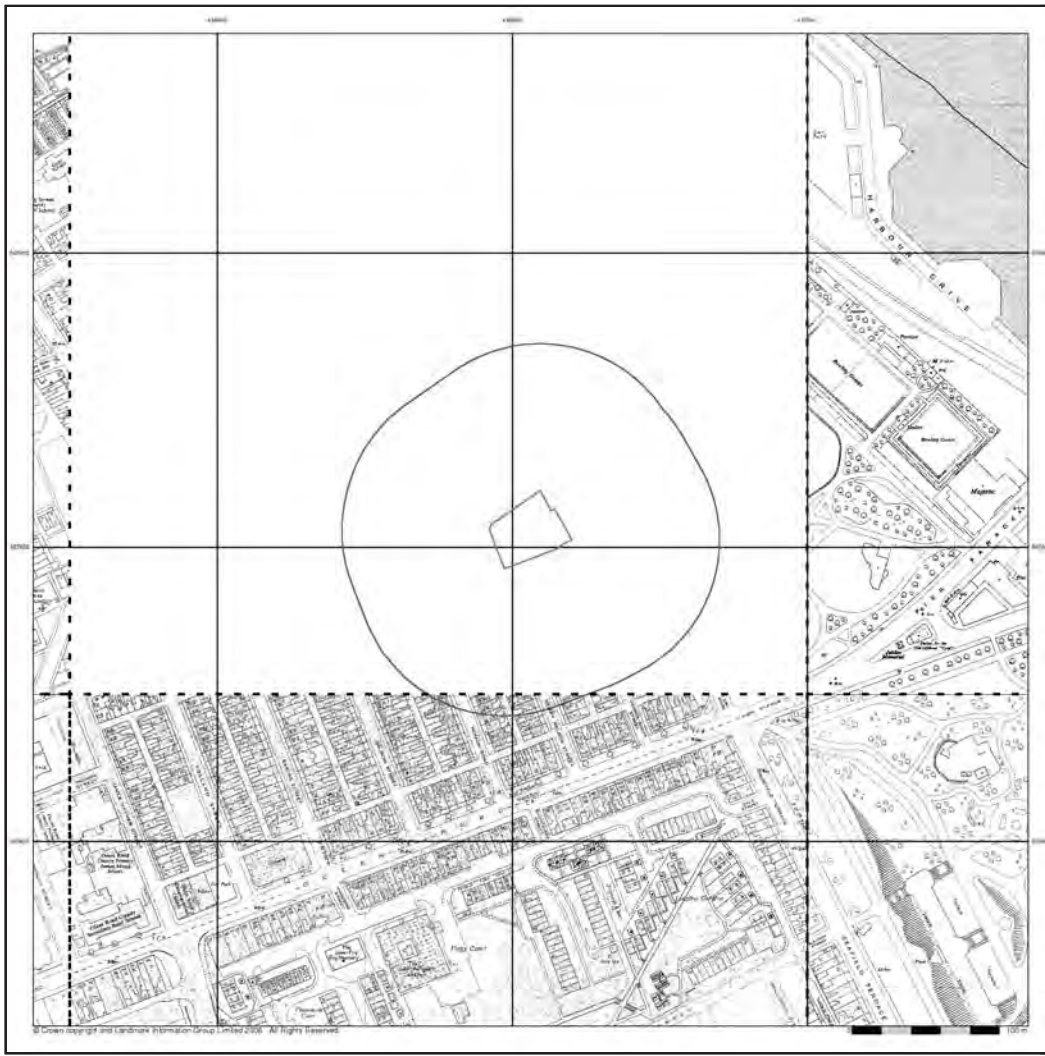


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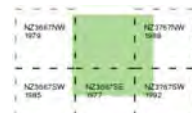
Tel: 0844 844 9952  
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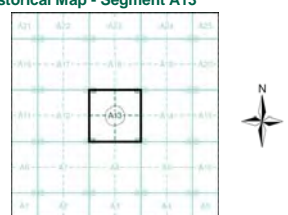
**Additional SIMs**  
**Published 1977 - 1992**  
**Source map scale - 1:1,250**

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**



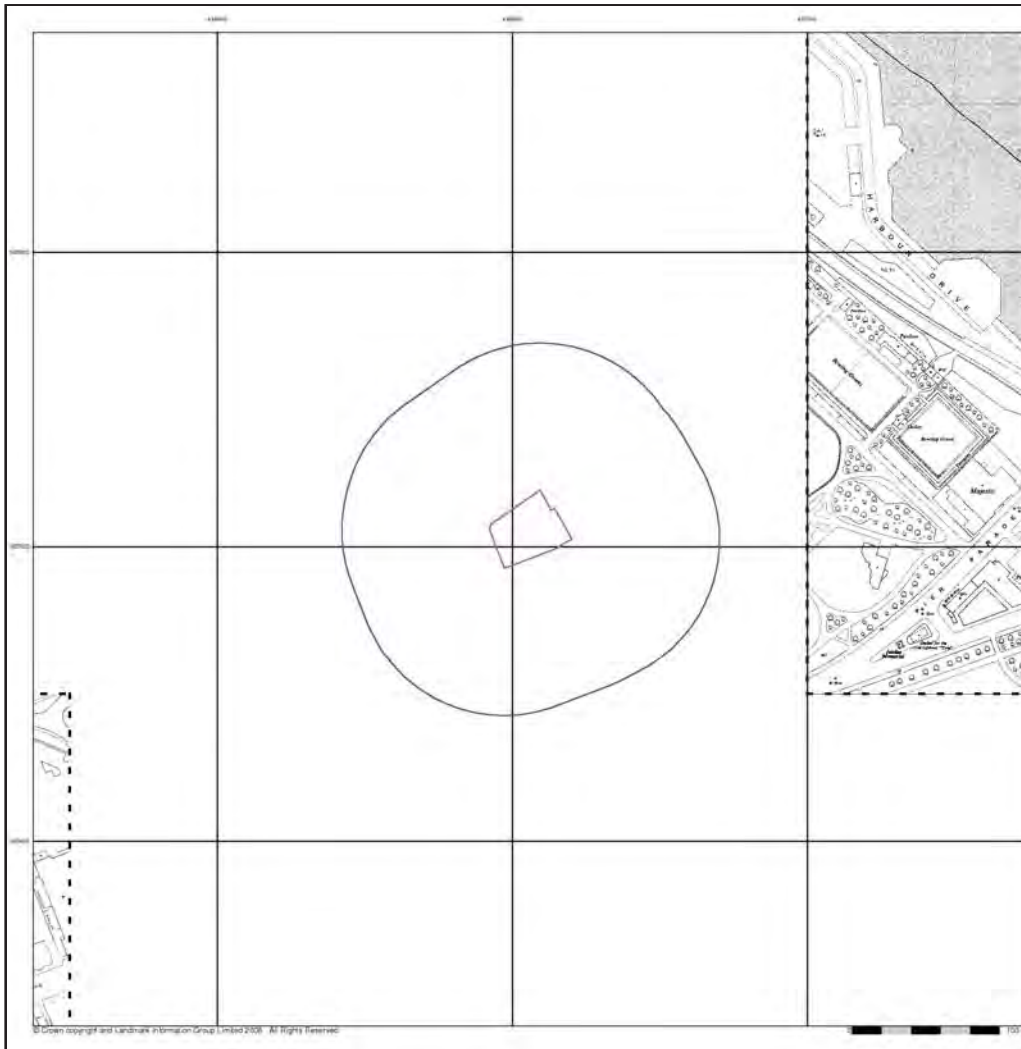
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 Order Number: 25646215\_1\_1  
 Customer Ref: 08-329  
 National Grid Reference: 436810, 567610  
 Slice: A  
 Site Area (Ha): 0.17  
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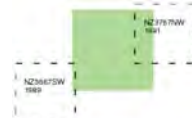
**Additional SIMs**

**Published 1989 - 1991**

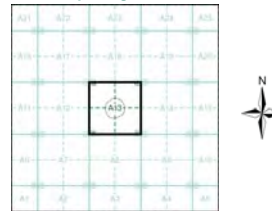
**Source map scale - 1:1,250**

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**

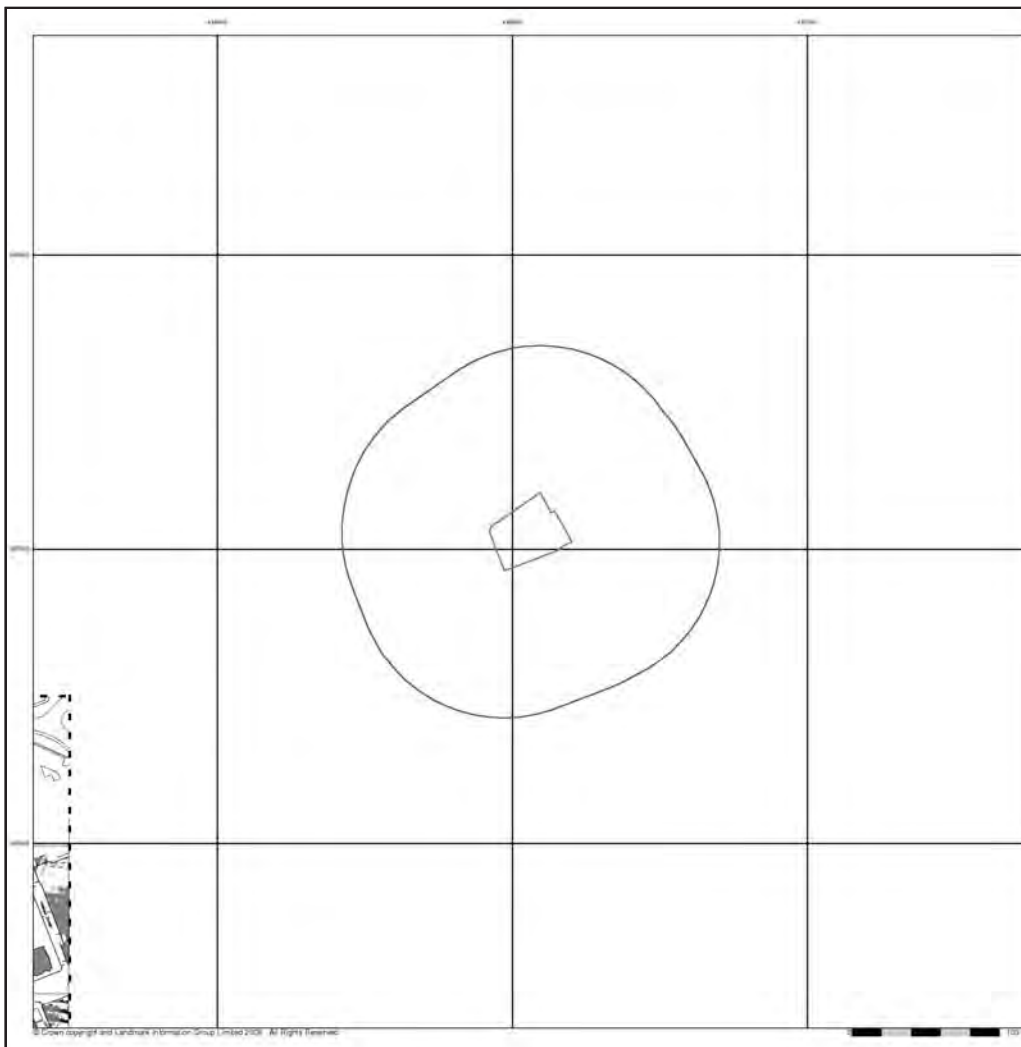
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 Site Area (Ha): 0.17  
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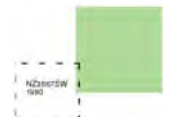
**Ordnance Survey Plan**

**Published 1990**

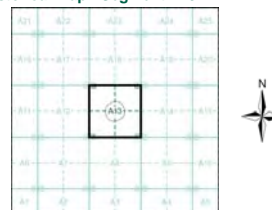
**Source map scale - 1:1,250**

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 1936 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.

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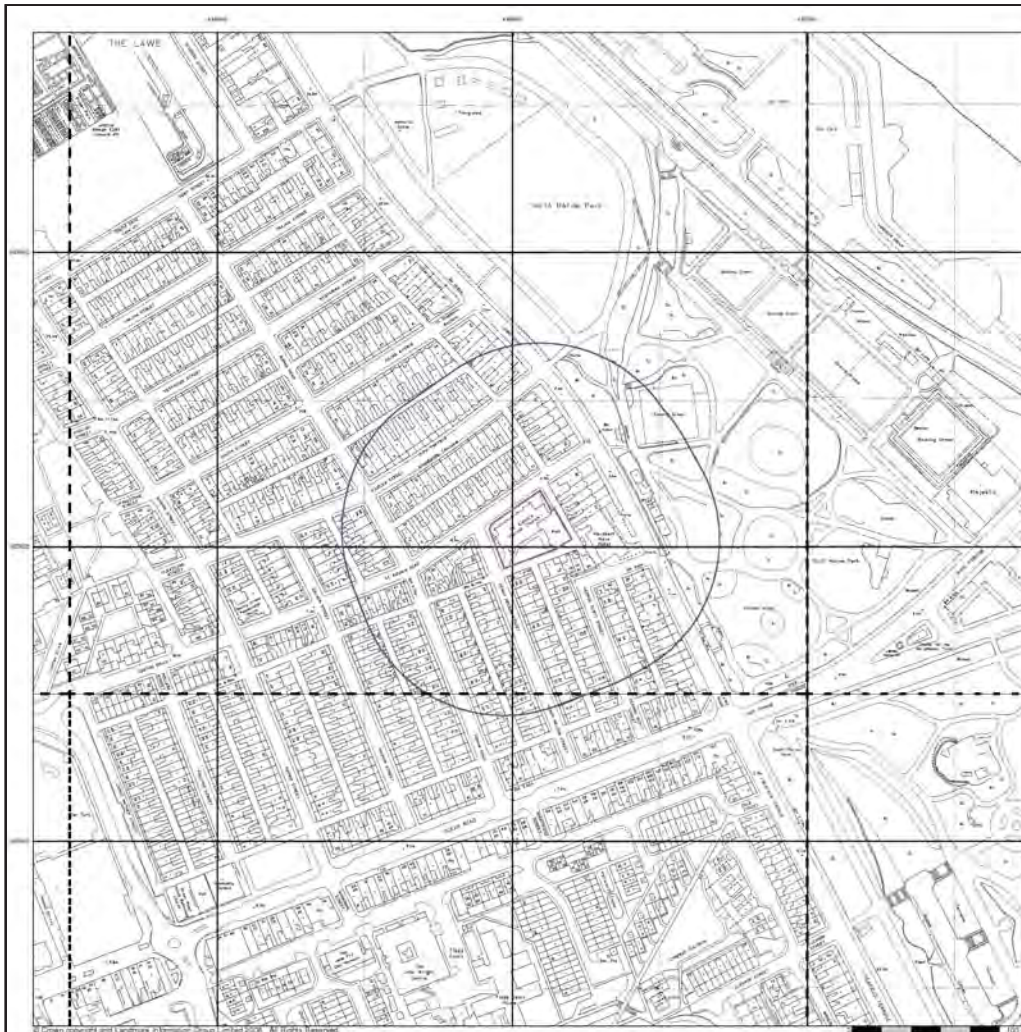
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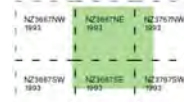




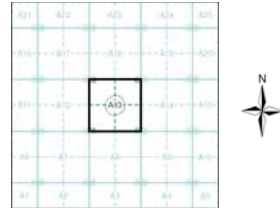
**Large-Scale National Grid Data**  
**Published 1993**  
**Source map scale - 1:1,250**

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1993. 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**

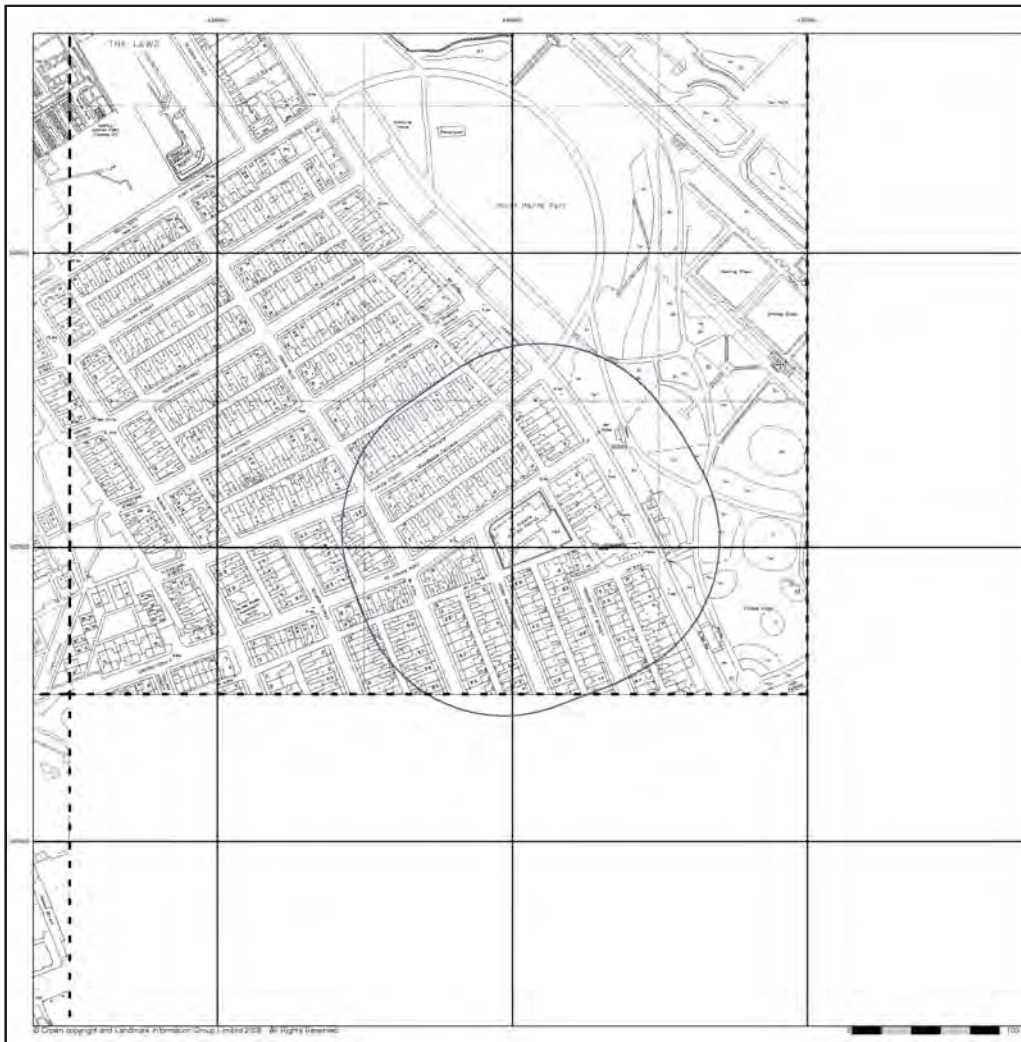
Order Number: 25646215\_1\_1  
 Customer Ref: 08-329  
 National Grid Reference: 436810, 567610  
 Slice: A  
 Site Area (Ha): 0.17  
 Search Buffer (m): 100

**Site Details**

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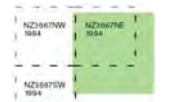
Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: www.enirocheck.co.uk



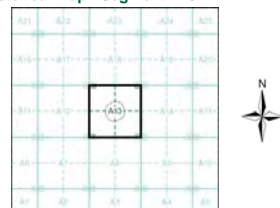
**Large-Scale National Grid Data**  
**Published 1994**  
**Source map scale - 1:1,250**

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1993. 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  
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# 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



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





## Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
2	<p><b>Discharge Consents</b></p> <p>Operator: Plant Services (Gateshead) Ltd  Property Type: Other Mach &amp; Mech Equipment  Location: Plant Services (Gateshead) Ltd, South Shields, Tyne And Wear, Ne33 1th  Authority: Environment Agency, North East Region  Catchment Area: Tyne (Lower)/Team/Don  Reference: 235/1151  Permit Version: 1  Effective Date: 11th November 1992  Issued Date: 11th November 1992  Revocation Date: Not Supplied  Discharge Type: Trade Discharge - Process Water  Discharge: Saline Estuary  Environment: Tyne Estuary  Receiving Water: Tyne Estuary  <b>Status:</b> <b>New Consent, by Application (Water Resources Act 1991, Section 88)</b>  Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	620	1	436400 568100
2	<p><b>Discharge Consents</b></p> <p>Operator: Plant Services (Gateshead) Ltd  Property Type: Other Mach &amp; Mech Equipment  Location: Plant Services (Gateshead) Ltd, South Shields, Tyne And Wear, Ne33 1th  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 235/0224  Permit Version: 1  Effective Date: 2nd October 1985  Issued Date: 2nd October 1985  Revocation Date: 11th November 1992  Discharge Type: Trade Discharge - Process Water  Discharge: Saline Estuary  Environment: Tyne  Receiving Water: Tyne  <b>Status:</b> <b>Authorisation revokedRevoked</b>  Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	620	1	436400 568100
3	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: Sewerage Network - Sewers - Water Company  Location: Wapping Street Cso, Souyh Shields, South Tyneside  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 235/1902  Permit Version: 1  Effective Date: 24th January 2005  Issued Date: 24th January 2005  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Saline Estuary  Environment: Tyne Saline Estuary  Receiving Water: Tyne Saline Estuary  <b>Status:</b> <b>New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	622	1	436290 567990
3	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: Sewerage Network - Sewers - Water Company  Location: Wapping Street Cso, Souyh Shields, South Tyneside  Authority: Environment Agency, North East Region  Catchment Area: Tyne (Lower)/Team/Don  Reference: 235/1641  Permit Version: 1  Effective Date: 7th August 1998  Issued Date: 7th August 1998  Revocation Date: 24th January 2005  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Saline Estuary  Environment: Tyne Saline Estuary  Receiving Water: Tyne Saline Estuary  <b>Status:</b> <b>Authorisation revokedRevoked</b>  Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	622	1	436290 567990



## Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
3	<p><b>Discharge Consents</b></p> <p>Operator: Redundant - Northumbrian Water Ltd  Property Type: Undefined Or Other  Location: River Drive Sewer, South Shields, Tyne And Wear  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 235/X/0077  Permit Version: 1  Effective Date: 28th April 1987  Issued Date: 28th April 1987  Revocation Date: 29th October 1992  Discharge Type: Unspecified  Discharge: Saline Estuary  Environment: Tyne Estuary  Receiving Water: Tyne Estuary  <b>Status:</b> <b>Authorisation revokedRevoked</b>  Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	624	1	436280 567980
4	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: Undefined Or Other  Location: River Drive Sewer, South Shields, Tyne And Wear  Authority: Environment Agency, North East Region  Catchment Area: Tyne (Lower)/Team/Don  Reference: 235/1409  Permit Version: 1  Effective Date: 19th July 1993  Issued Date: 19th July 1993  Revocation Date: 9th March 1999  Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company  Discharge: Saline Estuary  Environment: Tyne Estuary  Receiving Water: Tyne Estuary  <b>Status:</b> <b>Authorisation revokedRevoked</b>  Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	703	1	436250 568070
4	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: Undefined Or Other  Location: River Drive Sewer, South Shields, Tyne And Wear  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 235/1165  Permit Version: 1  Effective Date: 29th October 1992  Issued Date: 29th October 1992  Revocation Date: 19th July 1993  Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company  Discharge: Saline Estuary  Environment: Tyne Estuary  Receiving Water: Tyne Estuary  <b>Status:</b> <b>Authorisation revokedRevoked</b>  Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	703	1	436250 568070
5	<p><b>Discharge Consents</b></p> <p>Operator: Redundant - Northumbrian Water Ltd  Property Type: Undefined Or Other  Location: Union Quay Opposite No.4, North Shields  Authority: Environment Agency, North East Region  Catchment Area: Tyne (Lower)/Team/Don  Reference: 235/X/0281  Permit Version: 1  Effective Date: 16th July 1987  Issued Date: 16th July 1987  Revocation Date: 10th July 1996  Discharge Type: Unspecified  Discharge: Saline Estuary  Environment: Tyne Estuary  Receiving Water: Tyne Estuary  <b>Status:</b> <b>Authorisation revokedRevoked</b>  Positional Accuracy: Located by supplier to within 100m</p>	A18NE (N)	732	1	436940 568360



## Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
6	<p><b>Discharge Consents</b></p> <p>Operator: Plant Services (Gateshead) Ltd  Property Type: Undefined Or Other  Location: Crompton Eternacell Limited, South Shields, Tyne And Wear  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 235/1061  Permit Version: 1  Effective Date: 10th May 1991  Issued Date: 10th May 1991  Revocation Date: 15th February 1994  Discharge Type: Trade Discharge - Process Water  Discharge: Saline Estuary  Environment:  Receiving Water: Tyne Estuary  <b>Status:</b> Authorisation revokedRevoked  Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	761	1	436200 568100
7	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: Sewerage Network - Pumping Station - Water Company  Location: Wapping Street Pumping Station, South Shields, South Tyneside  Authority: Environment Agency, North East Region  Catchment Area: Tyne (Lower)/Team/Don  Reference: 235/1642  Permit Version: 1  Effective Date: 7th August 1998  Issued Date: 7th August 1998  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Pumping Station - Water Company  Discharge: Saline Estuary  Environment:  Receiving Water: Tyne Saline Estuary  <b>Status:</b> New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)  Positional Accuracy: Located by supplier to within 10m</p>	A12NW (W)	789	1	436050 567900
8	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: Sewerage Network - Pumping Station - Water Company  Location: Market Dock Pumping Station, South Shields, South Tyneside  Authority: Environment Agency, North East Region  Catchment Area: Tyne (Lower)/Team/Don  Reference: 235/1639  Permit Version: 1  Effective Date: 20th January 1999  Issued Date: 20th January 1999  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Pumping Station - Water Company  Discharge: Saline Estuary  Environment:  Receiving Water: Tyne Saline Estuary  <b>Status:</b> New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)  Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	827	1	436000 567350
9	<p><b>Discharge Consents</b></p> <p>Operator: Redundant - Northumbrian Water Ltd  Property Type: Undefined Or Other  Location: Wapping Street Outfall A - B3, South Shields  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 235/X/0078  Permit Version: 1  Effective Date: 28th April 1987  Issued Date: 28th April 1987  Revocation Date: 29th October 1992  Discharge Type: Unspecified  Discharge: Saline Estuary  Environment:  Receiving Water: Tyne Estuary  <b>Status:</b> Authorisation revokedRevoked  Positional Accuracy: Located by supplier to within 10m</p>	A12NW (W)	827	1	435990 567840



## Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
9	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: Undefined Or Other  Location: Wapping Street B3 Outfall, South Shields, Tyne And Wear  Authority: Environment Agency, North East Region  Catchment Area: Tyne (Lower)/Team/Don  Reference: 235/1166  Permit Version: 1  Effective Date: 29th October 1992  Issued Date: 29th October 1992  Revocation Date: 9th March 1999  Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company  Discharge: Saline Estuary  Environment:  Receiving Water: Tyne Estuary  <b>Status:</b> Authorisation revokedRevoked  Positional Accuracy: Located by supplier to within 100m</p>	A12NW (W)	871	1	435950 567860
10	<p><b>Discharge Consents</b></p> <p>Operator: Redundant - Northumbrian Water Ltd  Property Type: Undefined Or Other  Location: Wapping Street B4 Outfall, South Shields, Tyne And Wear  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 235/X/0079  Permit Version: 1  Effective Date: 28th April 1987  Issued Date: 28th April 1987  Revocation Date: 29th October 1992  Discharge Type: Unspecified  Discharge: Saline Estuary  Environment:  Receiving Water: Tyne Estuary  <b>Status:</b> Authorisation revokedRevoked  Positional Accuracy: Located by supplier to within 10m</p>	A12NW (W)	837	1	435960 567750
10	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: Sewage Disposal Works - Water Company  Location: Wapping Street Septic Tank, South Shields, South Tyneside  Authority: Environment Agency, North East Region  Catchment Area: Tyne (Lower)/Team/Don  Reference: 235/1643  Permit Version: 1  Effective Date: 7th August 1998  Issued Date: 7th August 1998  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company  Discharge: Saline Estuary  Environment:  Receiving Water: Tyne Saline Estuary  <b>Status:</b> New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)  Positional Accuracy: Located by supplier to within 10m</p>	A12NW (W)	856	1	435940 567750
10	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: Undefined Or Other  Location: Wapping Street B4 Outfall, South Shields, Tyne And Wear  Authority: Environment Agency, North East Region  Catchment Area: Tyne (Lower)/Team/Don  Reference: 235/1167  Permit Version: 1  Effective Date: 29th October 1992  Issued Date: 29th October 1992  Revocation Date: 9th March 1999  Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company  Discharge: Saline Estuary  Environment:  Receiving Water: Tyne Estuary  <b>Status:</b> Authorisation revokedRevoked  Positional Accuracy: Located by supplier to within 100m</p>	A12NW (W)	887	1	435910 567760





## Agency & Hydrological

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



## Agency & Hydrological

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



## Agency & Hydrological

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



## Agency & Hydrological

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





## Agency & Hydrological

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



## Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
23	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Town Hall Service Station  Location: Crossgate, SOUTH SHIELDS, Tyne and Wear, NE33 5QX  Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department  Permit Reference: 005/1.2(D)  Dated: Not Supplied  Process Type: Local Authority Pollution Prevention and Control  Description: PG1/14 Petrol filling station  <b>Status:</b> Permitted  Positional Accuracy: Manually positioned to the address or location</p>	A8SW (S)	824	2	436506 566814
24	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Sutherlands  Location: Coronation Street, SOUTH SHIELDS, Tyne and Wear, NE33 1AS  Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department  Permit Reference: 070/1.4(B)  Dated: Not Supplied  Process Type: Local Authority Air Pollution Control  Description: PG1/14 Petrol filling station  <b>Status:</b> Application Not Yet Authorised  Positional Accuracy: Manually positioned to the road within the address or location</p>	A7NE (SW)	851	2	436162 567017
	<p><b>Nearest Surface Water Feature</b></p>	A13NW (NW)	323	-	436583 567866
25	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Other General Premises  Location: The Groyne, SOUTH SHIELDS  Authority: Environment Agency, North East Region  Pollutant: Oils - Other Oil  Note: No Fish Killed  Incident Date: 8th January 1995  Incident Reference: NT950275  Catchment Area: Lower Tyne  Receiving Water: Saline Estuary  Cause of Incident: Not Given  Incident Severity: Category 3 - Minor Incident  Positional Accuracy: Located by supplier to within 100m</p>	A18NW (N)	673	1	436700 568300
26	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Other General Premises  Location: NORTH SHIELDS  Authority: Environment Agency, North East Region  Pollutant: Not Given  Note: Tyne Estuary  Incident Date: 23rd September 1994  Incident Reference: 235/002493  Catchment Area: Not Given  Receiving Water: No Pollution  Cause of Incident: Other Cause  Incident Severity: Category 3 - Minor Incident  Positional Accuracy: Located by supplier to within 100m</p>	A18NW (N)	793	1	436600 568400
27	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Industrial Premises  Location: South Shields - Plant Discharge  Authority: Environment Agency, North East Region  Pollutant: Not Given  Note: Tyne Estuary  Incident Date: 9th January 1992  Incident Reference: 235/001031  Catchment Area: Not Given  Receiving Water: Saline Estuary  Cause of Incident: Trade Effluent Non-Complying  Incident Severity: Category 2 - Significant Incident  Positional Accuracy: Located by supplier to within 100m</p>	A12NW (W)	836	1	436000 567900
28	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Vessel  Location: NORTH SHIELDS  Authority: Environment Agency, North East Region  Pollutant: Not Given  Note: Tyne Estuary  Incident Date: 29th July 1993  Incident Reference: 235/002018  Catchment Area: Not Given  Receiving Water: Saline Estuary  Cause of Incident: Oil Boat/Ship  Incident Severity: Category 3 - Minor Incident  Positional Accuracy: Located by supplier to within 100m</p>	A17NE (NW)	870	1	436400 568400



## Agency & Hydrological

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



## Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
34	<b>Registered Radioactive Substances</b> Name: Aker Moulty Location: Commercial Road, South Shields, SOUTH SHIELDS, Tyne And Wear, NE33 1RZ Authority: Environment Agency, North East Region Permit Reference: AZ3461 Dated: 25th July 1997 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA Status: <b>Authorisation either revoked or cancelled</b> Positional Accuracy: Unknown	A7NW (SW)	909	1	436100 567000
	<b>Groundwater Vulnerability</b> 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 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 Map Sheet: Sheet 5 Tyne and Tees Scale: 1:100,000	A13NE (NE)	0	1	437091 567933
	<b>Drift Deposits</b> 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 Map Sheet: Sheet 5 Tyne and Tees Scale: 1:100,000	A13NE (NE)	0	1	436885 567660
	<b>Extreme Flooding from Rivers or Sea without Defences</b> None				
	<b>Flooding from Rivers or Sea without Defences</b> None				
	<b>Areas Benefiting from Flood Defences</b> None				
	<b>Flood Water Storage Areas</b> None				
	<b>Flood Defences</b> None				





## Waste

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
35	<b>Historical Landfill Sites</b> Licence Holder: Not Supplied Location: The Promenade, South Shields Name: Herd Sand Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD03495 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Industrial, Commercial and Household Waste Type: EA Waste Ref: Not Supplied Regis Ref: Not Supplied WRC Ref: 4500/0274 BGS Ref: Not Supplied Other Ref: 1300/ST032, ST 28	A14NW (E)	607	1	437446 567629
36	<b>Historical Landfill Sites</b> Licence Holder: Mowlem Northern Limited Location: Wapping Street, The Lawe, South Shield, Tyne and Wear Name: Brigham and Cowans Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD06263 First Input Date: 21st October 1986 Last Input Date: 1st December 1986 Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: YO1/L/MOW001 WRC Ref: 4500/0082 BGS Ref: Not Supplied Other Ref: TW 151 ST, ST 047	A12SW (W)	810	1	435979 567529
37	<b>Licensed Waste Management Facilities (Locations)</b> Licence Number: 0 Location: River Drive, South Shields, Tyne & Wear, NE33 1LH Operator Name: Velva Liquids ( North Shields ) Ltd Operator Location: River Drive, South Shields, Tyne & Wear, NE3 1LH Authority: Environment Agency - North East Region, Northumbria Area Site Category: Special Waste Transfer Stations <b>Licence Status: Surrendered</b> Issued: 21st July 1977 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 31st March 1994 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A12NE (NW)	652	1	436200 567900
38	<b>Licensed Waste Management Facilities (Locations)</b> Licence Number: 0 Location: South Shields, Tyne & Wear, NE33 Operator Name: Mowlem Northern Ltd Operator Location: Saltmeadows Road, East Gateshead Ind Est, Gateshead, Tyne & Wear, NE8 3AH Authority: Environment Agency - North East Region, Northumbria Area Site Category: Landfills Taking Non-biodegradable Wastes (Not Construction) <b>Licence Status: Surrendered</b> Issued: 21st October 1986 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 31st March 1994 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A12SW (W)	892	1	435900 567500



## Waste

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
39	<b>Licensed Waste Management Facilities (Locations)</b> Licence Number: 67536 Location: Oyston Street, South Shields, Tyne & Wear, NE33 1AT Operator Name: Woodward David Operator Location: 108 Hardie Drive, West Boldon, East Boldon, Tyne & Wear, NE36 OJL Authority: Environment Agency - North East Region, Northumbria Area Site Category: Metal Recycling Sites (Mixed) <b>Licence Status: Surrendered</b> Issued: 27th April 1995 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 8th February 2002 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	909	1	436100 567000
40	<b>Licensed Waste Management Facilities (Locations)</b> Licence Number: 67550 Location: Fish Quay, Clifford Fort Moat, North Shields, Tyne & Wear, NE30 1JE Operator Name: North Tyneside Council - Head Of Environment Operator Location: 55 Fish Quay, North Shields, Tyne & Wear, NE30 1JA Authority: Environment Agency - North East Region, Northumbria Area Site Category: Household, Commercial And Industrial Transfer Stations <b>Licence Status: Modified</b> Issued: 25th March 1993 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	922	1	436300 568400
	<b>Local Authority Landfill Coverage</b> Name: South Tyneside Metropolitan Borough Council - Has no landfill data to supply		0	4	436429 568317
	<b>Local Authority Landfill Coverage</b> Name: North Tyneside Metropolitan District Council - Has supplied landfill data		783	8	436429 568317
41	<b>Registered Landfill Sites</b> Licence Holder: Mowlem Northern Ltd Licence Reference: TW 151 ST Site Location: Brigham & Cowan Dry Dock Yard, South Shields, Tyne And Wear Licence Easting: 435930 Licence Northing: 567600 Operator Location: Saltmeadows Road, Easr Gateshead Industrial Estate, GATESHEAD, Tyne and Wear, NE8 3AH Authority: Environment Agency - North East Region, Northumbria Area Site Category: Landfill Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Licence known to be surrenderedSurrendered Date: 21st October 1986 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Tyne And Wear, Renfrew C -Rubble * Tyne And Wear, Renfrew Di -Coh.Inorg * Tyne And Wear, Renfrew Dii -Coh.Inorg * Tyne And Wear, Renfrew E -Fric.Inorg * Prohibited Waste: Waste N.O.S	A12SW (W)	855	1	435930 567600



## Waste

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



## Waste

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





## Hazardous Substances

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



## Geological

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
48	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Herd Sand            Location: Herd Sand, Westoe, South Shields, Tyne &amp; Wear            Source: British Geological Survey, National Geoscience Information Service            Reference: 12015            Type: Opencast            Status: <b>Ceased</b>            Operator: Unknown Operator            Operator Location: Not Supplied            Periodic Type: Quaternary            Geology: Blown Sand            Commodity: Sand            Positional Accuracy: Located by supplier to within 10m</p>	A9NW (SE)	670	5	437420 567270
49	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Westoe Colliery            Location: Westoe, South Shields            Source: British Geological Survey, National Geoscience Information Service            Reference: 4060            Type: Underground            Status: <b>Ceased</b>            Operator: British Coal - North East Group            Operator Location: Ryhope Road, Sunderland, SR2 9ny            Periodic Type: Carboniferous            Geology: Pennine Coal Measures Group            Commodity: Coal - Deep            Positional Accuracy: Located by supplier to within 10m</p>	A9SW (SE)	838	5	437205 566850
	<p><b>BGS 1:625,000 Solid Geology</b></p> <p>Description: Westphalian Coal Measures</p>	A13NW (N)	0	5	436806 567661
	<p><b>Coal Mining Affected Areas</b></p> <p>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.</p>	A25NW (NE)	0	6	438000 569000
	<p><b>Mining Instability</b></p> <p>Mining Evidence: Inconclusive Coal Mining            Source: Ove Arup &amp; Partners            Boundary Quality: As Supplied</p>	(NE)	0	-	438500 569000
	<p><b>Potential for Collapsible Ground Stability Hazards</b></p> <p>No Hazard</p>				
	<p><b>Potential for Compressible Ground Stability Hazards</b></p> <p>Hazard Potential: No Hazard            Source: British Geological Survey, National Geoscience Information Service</p>	A8NE (S)	0	5	436875 567150
	<p><b>Potential for Ground Dissolution Stability Hazards</b></p> <p>No Hazard</p>				
	<p><b>Potential for Landslide Ground Stability Hazards</b></p> <p>Hazard Potential: Very Low            Source: British Geological Survey, National Geoscience Information Service</p>	A13NE (NE)	0	5	436875 567650
	<p><b>Potential for Landslide Ground Stability Hazards</b></p> <p>Hazard Potential: Low            Source: British Geological Survey, National Geoscience Information Service</p>	A13NE (NE)	49	5	436875 567650
	<p><b>Potential for Running Sand Ground Stability Hazards</b></p> <p>Hazard Potential: Very Low            Source: British Geological Survey, National Geoscience Information Service</p>	A13NE (NE)	0	5	436875 567650
	<p><b>Potential for Running Sand Ground Stability Hazards</b></p> <p>Hazard Potential: Low            Source: British Geological Survey, National Geoscience Information Service</p>	A13NE (NE)	49	5	436875 567650
	<p><b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b></p> <p>Hazard Potential: Very Low            Source: British Geological Survey, National Geoscience Information Service</p>	A13NE (NE)	0	5	436875 567650
	<p><b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b></p> <p>Hazard Potential: No Hazard            Source: British Geological Survey, National Geoscience Information Service</p>	A13NE (NE)	49	5	436875 567650
	<p><b>Radon Potential - Radon Affected Areas</b></p> <p>Affected Area: The property is not in a radon affected area, as less than 1% of homes are above the action level            Source: British Geological Survey, National Geoscience Information Service</p>	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> Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A19SW (NE)	0	5	437325 568275
	<b>Shallow Mining Hazards</b> Risk: Low-Moderate Source: British Geological Survey, National Geoscience Information Service	A18SE (NE)	0	5	437112 568010



## Industrial Land Use

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





### Industrial Land Use

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



### Industrial Land Use

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



## Industrial Land Use

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



## Industrial Land Use

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





## Industrial Land Use

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
81	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Ocean Laundry Services Location: Unit 67, Redhead Buildings, Garden Lane, South Shields, Tyne and Wear, NE33 1PS Classification: Laundries &amp; Launderettes Status: <b>Active</b> Positional Accuracy: Automatically positioned to the address</p>	A7SE (SW)	864	-	436405 566816
81	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: A C Wrought Iron Location: Unit 1-5, Redhead Buildings, Garden Lane, South Shields, Tyne and Wear, NE33 1PS Classification: Wrought Ironwork Status: <b>Active</b> Positional Accuracy: Automatically positioned to the address</p>	A7SE (SW)	864	-	436405 566816
82	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Levant Office Interiors Location: Unit 313, Tedco Business Works, Henry Robson Way, South Shields, Tyne and Wear, NE33 1RF Classification: Office Furniture &amp; Equipment Status: <b>Active</b> Positional Accuracy: Manually positioned to the address or location</p>	A7SE (SW)	880	-	436254 566892
82	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Mcps Ltd Location: Unit 203, Tedco Business Works, Henry Robson Way, South Shields, Tyne and Wear, NE33 1RF Classification: Marine Equipment &amp; Supplies Status: <b>Active</b> Positional Accuracy: Automatically positioned to the address</p>	A7SE (SW)	917	-	436247 566850
82	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Decorum Location: 209 Tedco Business Works, Henry Robson Way, South Shields, Tyne and Wear, NE33 1RF Classification: Sports Equipment Manufacturers &amp; Distributors Status: <b>Active</b> Positional Accuracy: Manually positioned to the address or location</p>	A7SE (SW)	918	-	436246 566850
83	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: B-Able Ltd Location: 325 Tedco Business Works, Henry Robson Way, South Shields, Tyne and Wear, NE33 1RF Classification: Disability Equipment - Manufacturers &amp; Suppliers Status: <b>Active</b> Positional Accuracy: Manually positioned to the address or location</p>	A7SE (SW)	891	-	436316 566834
83	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Pneumatic Supplies Ltd Location: Unit 213, Tedco Business Works, Henry Robson Way, South Shields, Tyne and Wear, NE33 1RF Classification: Pneumatic Systems &amp; Equipment Status: <b>Active</b> Positional Accuracy: Manually positioned to the address or location</p>	A7SE (SW)	941	-	436287 566794
84	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Pressit Location: Unit 306, Tedco Business Works, Henry Robson Way, South Shields, Tyne and Wear, NE33 1RF Classification: Ironing &amp; Home Laundry Services Status: <b>Active</b> Positional Accuracy: Manually positioned to the address or location</p>	A7SE (SW)	955	-	436296 566772
84	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Plastics Center Location: Unit 4, Holman Court, Henry Robson Way, South Shields, Tyne and Wear, NE33 1RL Classification: PVC-U Products - Manufacturers &amp; Suppliers Status: <b>Active</b> Positional Accuracy: Automatically positioned to the address</p>	A7SE (SW)	984	-	436312 566729
84	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Tool Repair Centre Location: Unit 4/6, Holman Court, Henry Robson Way, South Shields, Tyne and Wear, NE33 1RL Classification: Tool Sharpening, Repairing &amp; Servicing Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address</p>	A7SE (SW)	984	-	436312 566729



## Industrial Land Use

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



## Sensitive Land Use

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
90	<b>Ramsar Sites</b> Name: Northumbria Coast Multiple Area: Y Area (m2): 42130.59 Source: Natural England Reference: UK11049 Designation Date: Not Supplied	A14NW (E)	477	7	437279 567793
91	<b>Sites of Special Scientific Interest</b> Name: Durham Coast Multiple Area: Y Area (m2): 1368103.3 Source: Natural England Reference: 1000255 Designation Details: EC Special Protection Area Designation Date: 6th May 1999 Date Type: Notified Designation Details: Geological Conservation Review Designation Date: 6th May 1999 Date Type: Notified Designation Details: Local Wildlife Trust Reserve Designation Date: 6th May 1999 Date Type: Notified Designation Details: National Nature Reserve Designation Date: 6th May 1999 Date Type: Notified Designation Details: Nature Conservation Review Designation Date: 6th May 1999 Date Type: Notified Designation Details: Ramsar Site Designation Date: 6th May 1999 Date Type: Notified Designation Details: Site Of Special Scientific Interest Designation Date: 6th May 1999 Date Type: Notified Designation Details: Special Area Of Conservation Designation Date: 6th May 1999 Date Type: Notified	A14NW (E)	477	7	437279 567793
92	<b>Sites of Special Scientific Interest</b> Name: Northumberland Shore Multiple Area: Y Area (m2): 128220.42 Source: Natural England Reference: 2000134 Designation Details: EC Special Protection Area Designation Date: 25th February 1992 Date Type: Notified Designation Details: Local Nature Reserve Designation Date: 25th February 1992 Date Type: Notified Designation Details: Special Area Of Conservation Designation Date: 25th February 1992 Date Type: Notified	A17NE (N)	904	7	436470 568472
93	<b>Special Protection Areas</b> Name: Northumbria Coast Multiple Area: Y Area (m2): 42130.59 Source: Natural England Reference: UK9006131 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> South Tyneside Metropolitan Borough Council - Neighbourhood Services North Tyneside Metropolitan Borough Council - Environmental Health Department	May 2008 September 2007	Annual Rolling Update Annual Rolling Update
<b>Discharge Consents</b> Environment Agency - North East Region	April 2008	Quarterly
<b>Enforcement and Prohibition Notices</b> Environment Agency - North East Region	May 2008	As notified
<b>Integrated Pollution Controls</b> Environment Agency - North East Region	April 2008	Quarterly
<b>Integrated Pollution Prevention And Control</b> Environment Agency - North East Region	April 2008	Quarterly
<b>Local Authority Integrated Pollution Prevention And Control</b> North Tyneside Metropolitan Borough Council - Environmental Health Department South Tyneside Metropolitan Borough Council - Environmental Health Department	August 2007 February 2006	Annual Rolling Update Annual Rolling Update
<b>Local Authority Pollution Prevention and Controls</b> North Tyneside Metropolitan Borough Council - Environmental Health Department South Tyneside Metropolitan Borough Council - Environmental Health Department	August 2007 February 2006	Annual Rolling Update Annual Rolling Update
<b>Local Authority Pollution Prevention and Control Enforcements</b> North Tyneside Metropolitan Borough Council - Environmental Health Department South Tyneside Metropolitan Borough Council - Environmental Health Department	August 2007 February 2006	Annual Rolling Update Annual Rolling Update
<b>Nearest Surface Water Feature</b> Ordnance Survey	April 2008	Quarterly
<b>Pollution Incidents to Controlled Waters</b> Environment Agency - North East Region	December 1998	Not Applicable
<b>Prosecutions Relating to Authorised Processes</b> Environment Agency - North East Region	May 2008	As notified
<b>Prosecutions Relating to Controlled Waters</b> Environment Agency - North East Region	May 2008	As notified
<b>Registered Radioactive Substances</b> Environment Agency - North East Region	April 2008	Quarterly
<b>River Quality</b> Environment Agency - Head Office	November 2001	Not Applicable
<b>River Quality Biology Sampling Points</b> Environment Agency - Head Office	September 2007	Annually
<b>River Quality Chemistry Sampling Points</b> Environment Agency - Head Office	August 2007	Annually
<b>Substantiated Pollution Incident Register</b> Environment Agency - North East Region - Northumbria Area	April 2008	Quarterly
<b>Water Abstractions</b> Environment Agency - North East Region	April 2008	Quarterly
<b>Water Industry Act Referrals</b> Environment Agency - North East Region	April 2008	Quarterly
<b>Groundwater Vulnerability</b> Environment Agency - Head Office	January 1999	Not Applicable
<b>Drift Deposits</b> Environment Agency - Head Office	January 1999	Not Applicable
<b>Source Protection Zones</b> Environment Agency - Head Office	April 2008	Variable
<b>Extreme Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	April 2008	Quarterly





## Data Currency

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



## Data Currency

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



## Data Currency

Sensitive Land Use	Version	Update Cycle
<b>Areas of Adopted Green Belt</b> North Tyneside Metropolitan Borough Council South Tyneside Metropolitan Borough Council - Planning Department	March 2002 September 1999	As notified As notified
<b>Areas of Unadopted Green Belt</b> North Tyneside Metropolitan Borough Council South Tyneside Metropolitan Borough Council - Planning Department	March 2002 September 1999	As notified As notified
<b>Areas of Outstanding Natural Beauty</b> Natural England	January 2008	Annually
<b>Environmentally Sensitive Areas</b> Natural England	January 2008	Annually
<b>Forest Parks</b> Forestry Commission	April 1997	Not Applicable
<b>Local Nature Reserves</b> Natural England	January 2008	Bi-Annually
<b>Marine Nature Reserves</b> Natural England	October 2007	Bi-Annually
<b>National Nature Reserves</b> Natural England	October 2007	Bi-Annually
<b>National Parks</b> Natural England	January 2008	Annually
<b>Nitrate Sensitive Areas</b> Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2003	Not Applicable
<b>Nitrate Vulnerable Zones</b> Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	May 2007	Annually
<b>Ramsar Sites</b> Natural England	October 2007	Bi-Annually
<b>Sites of Special Scientific Interest</b> Natural England	October 2007	Bi-Annually
<b>Special Areas of Conservation</b> Natural England	October 2007	Bi-Annually
<b>Special Protection Areas</b> 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> PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
2	<b>South Tyneside Metropolitan Borough Council - Environmental Health Department</b> Central Library Building, Prince George Square, South Shields, Tyne And Wear, NE33 2PE	Telephone: 0191 427 1717 Fax: 0191 427 7171 Website: www.s-tyneside-mbc.gov.uk
3	<b>Health and Safety Executive</b> HSE Infoline, Caerphilly Business Park, Caerphilly, CF83 3GG	Telephone: 08701 545500 Fax: 02920 859260 Email: hseinformationservices@natbrit.com Website: www.hse.gov.uk
4	<b>South Tyneside Metropolitan Borough Council - Planning Department</b> Town Hall & Civic Offices, Westoe Road, South Shields, Tyne & Wear, NE33 2RL	Telephone: 0191 427 1717 Fax: 0191 427 7171 Website: www.s-tyneside-mbc.gov.uk
5	<b>British Geological Survey - Enquiry Service</b> British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
6	<b>The Coal Authority - Mining Report Service</b> 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0845 7626848 Email: thecoalauthority@coal.gov.uk
7	<b>Natural England</b> Northminster House, Northminster Road, Peterborough, Cambridgeshire, PE1 1UA	Telephone: 0845 600 3078 Fax: 01733 455103 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
8	<b>North Tyneside Metropolitan Borough Council - Environmental Health Department</b> The Killingworth Site, P O Box 113 Station Road, Killingworth, Newcastle-upon-tyne, Tyne And Wear, NE12 6WJ	Telephone: 0191 2192680 Fax: 0191 270 1127 Website: www.northtyneside.gov.uk
-	<b>Health Protection Agency - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b> Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@hpa.org.uk Website: www.hpa.org.uk
-	<b>Landmark Information Group Limited</b> The Smith Centre, Henley On Thames, Oxfordshire, RG9 6AB	Telephone: 0870 850 6670 Fax: 0870 850 6671 Email: customerservices@landmarkinfo.co.uk 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, Morningson 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

Serial Number 225365

Client detail :

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

CoalSearchPlus+ by David Bellis Consulting  
Surveyors  
8 Morningson 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.

---

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)







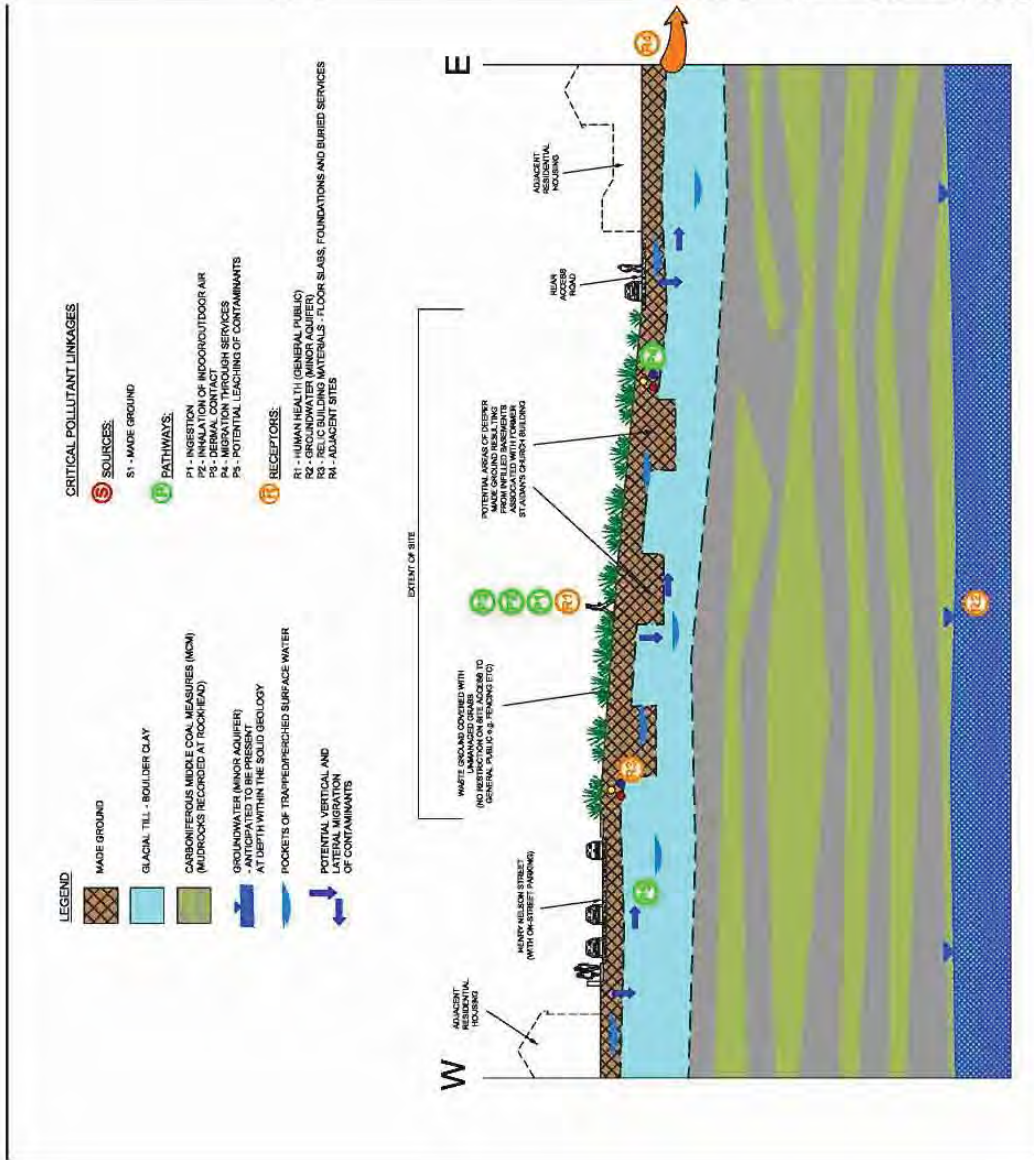





# APPENDIX V

## Preliminary Conceptual Site Model (CSM)

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.





**ARC ENVIRONMENTAL LTD**  
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No.	Date	Description	Drawn	Checked	Scale	Author	Project No.

**Client:** ST. AIDANS COURT (SOUTH SHIELDS) LTD  
**HOLLYWOOD DEVELOPMENTS**

**Project Title:**  
 St. Aidan's Church  
 St Aidan's Road  
 South Shields

**Drawn:** TBC

**Conceptual Site Model**

Scale	Date	Drawn By	Approved By
NTS @ A3	23.06.09	PJD	JJM

Job Ref: 08-329