

Muse Developments Ltd., South
Tyneside Council and Nexus

South Shields Interchange

Geo-Environmental Desk Study
Report

REP/239812-00/19/001

Rev B | 3 July 2015

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Photograph 5 Offices in southwest corner of site. Facing West.

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Landmark Envirocheck Report

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1 Introduction

- Muse Developments propose to redevelop an area of South Shields to the south of Keppel Street.
- The development will comprise a Public Transport Interchange, comprising a new bus station, a new metro platform, an Interchange building with retail units, a passenger drop-off area and separate retail unit with office accommodation at first and second floors.
- As part of the proposed development, the existing South Shields Metro Station building is being demolished and replaced with public realm.
- Arup has been commissioned by Muse Developments to provide multi-disciplinary services to inform the redevelopment of the site.
- As part of these services Arup was commissioned to undertake a geo-environmental desk study for the site.
- The aim of the study was to determine the ground conditions at the site and to identify any potential ground related constraints, including those related to contamination, which may impact on the proposed development.
- The desk study comprised a site walkover survey and review of readily available information on the history, ground conditions and environmental setting of the site.
- This report presents the findings of the desk study together with a preliminary contamination risk assessment and preliminary ground related engineering considerations for the proposed development. Recommendations are also given for further work.
- This report takes into account the specific instructions and requirements of Muse Developments. It is not intended for and should not be relied on by any third party and no responsibility is undertaken to any third party.

2 Site Description

2.1 Site Location

- The site is located between Keppel Street and Burrow Street in South Shields, South Tyneside and is centred at an approximate National Grid Reference of NZ 364 672, Figure 1.
- The site is located within the Town Centre area of South Shields, Figure 2, and comprises part of the Metro railway embankment and an area of predominantly retail buildings and areas of open formerly developed land. The site is bounded to the:
 - North by Keppel Street
 - East by retail/residential buildings fronting onto Fowler Street, beyond which are further retail and residential buildings
 - South by car parks and retail units
 - West by the Metro corridor embankment, beyond which are retail units
- The site red line boundary also includes the existing Metro Station building north of Keppel Street.

2.2 Site Description

The following site description is based upon a site walkover survey of the site, undertaken on 16 October 2014.

- The site is broadly rectangular in shape and covers an area of approximately 1.3 hectares. It is approximately 130m in an east-west direction by 100m in a north-south direction.
- The site comprises the Metro railway embankment, buildings of commercial and possible residential use, including a General Post Office, public highways, footpaths and open land.
- Burrow Street, William Street and Albemarle Street are present on the site and comprise single carriageway urban roads.
- A General Post Office [Photograph 1] is located in the northwest corner of the site, facing onto Keppel Street. It comprises a two to three storey building with a parking area the rear. A canopied area is also present to the rear of the building.
- To the east of the post office are a number of two to three storey buildings with commercial uses. A courtyard is present behind these buildings which is accessed from Albemarle Street [Photograph 2]. At the time of the site walkover, this courtyard was used for car parking and refuse bin storage.
- To the west of the post office building, a pedestrian footpath, approximately 3.0m wide, is present between the post office and Metro embankment [Photograph 3]. At the northern end, the footpath is accessed through a portal in a mass concrete wall. The footpath is bounded to the west by a red-brick retaining wall approximately 1.8m in height, which retains the toe of the Metro rail embankment and to the east by the post office building. No signs of distress were noted on the retaining wall.

- The Metro railway embankment is heavily vegetated with trees and shrubs [Photograph 3]. At the time of the site walkover survey, there was evidence of litter being present across the embankment and localised areas of fly-tipping. A yellow pipe was noted protruding from the northern end of the embankment retaining wall leading to a gas access cover [Photograph 4].
- In the southwest corner of the site, offices and small workshops are present, possibly associated with a garage previously present on this site [Photograph 5]. An open yard is present to the rear of the buildings, adjoining the railway embankment [Photograph 6]. The Yard is bounded to the west by the red brick wall retaining the toe of the metro embankment slope. The red brick wall joins a masonry retaining wall in the south of the car park. At the time of the walkover survey, the offices and workshops were in use by what appeared to be car maintenance companies and a therapy centre.
- To the east of the office building, an area of vacant land, enclosed by a low height wooden barrier is present between Albemarle Street and Burrow Street [Photograph 7]. The area is generally flat, with a very gentle slope downwards from south to north. The ground surface comprised coarse gravel-sized to cobble-sized demolition rubble.
- To the east of the vacant land are a number of two to three storey buildings which have commercial uses ranging from jewellers, beauty and hair salons, therapeutic services and restaurants [Photograph 8].

2.3 Proposed Development

- It is understood that the proposed development will comprise the construction of a new public transport interchange. At the time of writing, the proposed development comprised:
 - a new bus station forecourt,
 - a new Interchange building including retail units.
 - a new platform on the existing Metro railway embankment,
 - a passenger drop-off area
 - a separate retail unit with office accommodation at first and second floors
 - retaining structures to support the Metro embankment.
- As part of the proposed works, it is understood that the existing Metro Station building shall be demolished and replaced with an area of public realm.
- At the time of writing, proposed landscaping around the Interchange had not been finalised. For the purposes of this desk study it has been assumed that the landscaping will comprise predominantly hard landscaping. Localised areas of soft landscaping and areas of unsurfaced embankment may remain in areas following the development.

3 Site History

- The history of the site has been established by a review of the following sources:
- Historical OS maps contained within a Landmark Envirocheck Report obtained for a neighbouring site [1], Appendix A.
- Historical maps held by Arup [2].
- The historical maps obtained as part of the Envirocheck Report are dated 1856 to 2013 and are at scales of 1:1,250, 1:2,500, 1:10,000 and 1:10,560.
- In summary:
 - The site has been developed since the earliest published OS Map, dated 1856.
 - At this time, a railway embankment was present in the location of the existing Metro railway embankment and Albemarle Street and Burrow Street were partially developed with housing.
 - The site is shown to be fully developed with housing by 1897, which is shown until maps published in 1951. After this, areas of the site are shown to have been cleared and the site subsequently redeveloped with retail land uses including a garage, a post office and buildings described as a works.
 - A number of potentially historical contaminative land uses are indicated to have been present on the site. These include buildings described as works, a garage and railway infrastructure.
 - Additional potentially contaminative land uses are indicated to have been present in the vicinity of the site, including St. Hilda’s Colliery, a coal depot, two brick fields, an Iron works, an engineering works, a gas works and a battery factory.
- Details of the site history are summarised in Table 3.1.

Table 3.1 – Summary of the site history based on historical maps.

Map Date(s)	Scale	The site	Adjacent areas
1756	c. 1:25,000	The site is shown to be undeveloped.	Settlement marked as South Shields present to the west of the site.
1807	c. 1:5,000	The site is shown to be undeveloped.	To the west of the site, South Shields has expanded.
1856	1:2,500	The site is shown to be partially developed. In the east of the site, Albemarle Street and Burrow Street are partially developed with housing. In the west of the site, a railway corridor on an embankment is present. This embankment extends to the location of the current South Shields Metro Station building to the north.	To the north of the site East Smithy Street, Keppel Street and Queen Street are fully developed with commercial buildings and houses. The area to the east of the site is fully developed with housing. To the south of the site, Oyston’s Brick Field is shown approximately 50m from the site. A gasworks with three gas holders, a pottery works and a soap and candle factory, Swinburne Brick Field and St. Hilda’s Colliery are shown between

Map Date(s)	Scale	The site	Adjacent areas
			150m and 300m southwest of the site. To the west of the site, beyond the rail corridor, the Phoenix Iron Works are shown. The area beyond the Iron works is fully developed with housing and commercial buildings.
1862	1:10,560	No significant changes shown.	No significant changes shown.
1897 - 1898	1:2,500 & 1:10,560	The site is shown to be fully developed with housing. Albemarle Street, Burrow Street and William Street are shown.	Oyston's Brick Field is no longer shown to the south of the site, with buildings now shown in the location. Swinburne's Brick Field is also no longer shown, in the location a number of railway lines on embankment are shown. The gas works to the west of the site has expanded in size with four gasholders shown. The Phoenix Iron works are no longer shown to the west of the site.
1915	1:2,500	There are no significant changes shown.	The gas works are now marked as an engineering works. A tunnel is shown to run northwest-southeast beneath the engineering works, joining the main railway. Garden Lane Junction is marked on the railway approximately 150m south of the site.
1921	1:10,560	There are no significant changes shown.	There are no significant changes shown.
1938	1:10,560	There are no significant changes shown.	There are no significant changes shown.
1951	1:10,560	There are no significant changes shown.	A number of buildings around the engineering works to the southwest of the site are shown to have been cleared.
1956	1:1,250	An area between Keppel Street and Albemarle Street in the northwest corner of the site is shown to be vacant. A public house is marked on the site. Houses are no longer shown in the west of the site, adjacent to the railway embankment.	Only one gas holder associated with the gas works remains shown. The engineering works shown approximately 200m southwest of the site is marked as a Battery factory. A public house is marked on the eastern boundary of the site.
1963	1:1,250	A garage is shown to be present between Albemarle Street and Burrow Street. Buildings described as a Works are shown adjacent to	To the north of the site, a new underbridge is shown. Keppel Street is shown to pass under the railway.

Map Date(s)	Scale	The site	Adjacent areas
		the railway embankment in the west of the site. These appear to be similar to those seen during the site walkover, Section 2. The railway embankment is no longer shown in the location of the current South Shields Metro Station building. Buildings are now shown in this location.	The engineering works to the southwest is now shown as warehouses and has reduced in size. The Garden Lane Railway Junction is no longer shown.
1967	1:10,560	There are no significant changes shown.	St. Hilda's Colliery is no longer shown 250m southwest of the site.
1969	1:1,250	A Post Office is now shown between Albemarle Street and Keppel Street in the northwest corner of the site.	To the south of the site, buildings have been cleared from Charlotte Street. The warehouse to the southwest is now shown as an engineering works.
1976	1:10,000	There are no significant changes shown.	There are no significant changes shown.
1985	1:1,250	There are no significant changes shown.	South Shields Metro station is shown in its present day location perpendicular to King Street and Queen Street, immediately to the north of the site. To the south of the site, the railway corridor has reduced in width and follows a more north-south direction. An industrial estate is shown in the location of the previous St. Hilda's Colliery.
1989	1:1,250	There are no significant changes shown.	To the north of the site, Keppel Street is marked as a bus station and has been widened to three lanes.
1993	1:1,250 & 1:10,000	There are no significant changes shown.	A garage is shown 50m to the southwest of the site. A depot is shown adjacent to the gas holder approximately 100m southwest of the site.
2006	1:10,000	There are no significant changes shown.	To the west of the site, beyond the Metro embankment, a new large building is shown adjacent to the gasholder.
2013	1: 10,000	There are no significant changes shown.	There are no significant changes shown.

- Since the last available OS Map the garage between Albemarle Street and Burrow Street has been demolished. The area now comprises an area of open ground surfaced with crushed demolition rubble, Section 2.

4 Ground Conditions

4.1 Introduction

- The geology and ground conditions at the site have been established through a review of the readily available published geological information. The following information was reviewed:
 - British Geological Survey (BGS) 1:10,560 Solid and Drift Geological Map Sheet NZ36NE [3].
 - BGS “Onshore GeoIndex” database [4].
 - Coal Authority Mining Report for the site [5], Appendix B.
- The published geology indicates the northwest of the site to be underlain by undifferentiated Glacial Till with the southeast of the site indicated to be underlain by alluvium overlying Glacial Till. The glacial till is in turn underlain by the Carboniferous Middle Coal Measures at depth.
- The published geology indicates no made ground to be present on the site. Available boreholes, however, indicate made ground to be present across the wider area associated with the railway infrastructure and the surrounding historical industry in the area, as might be anticipated from the topography and history of the site.
- Details of the ground conditions indicated by the various data sources are summarised below.

4.2 Published Geology

- The north-western area of the site is indicated to be underlain by Glacial Till and undifferentiated drift deposits. The south-eastern area is indicated to be underlain by Alluvium deposits. The alluvial deposits are indicated to relate to an infilled ‘valley feature’ trending southwest to northeast within the glacial till [3].
- Laminated clay is indicated to be present to the southeast of the site.
- The superficial deposits are underlain by Carboniferous Middle Coal Measures, which comprise an interbedded sequence of mudstones, siltstones and coal seams.
- Rock head contours indicate rock head to be present at a depth of approximately 22m beneath the southern area of the site, falling to 30m beneath the northern area of the site.
- The shallowest coal seam beneath the site is indicated to the High Main, which is shown sub cropping approximately 100m northeast of the site and dipping approximately to the southwest. This would indicate the seam to be present at a depth of between 30m to 40m beneath the site.
- To the south of the site, a roughly circular area of made ground is indicated to be present. The location is similar to that of Oyston’s Brick Field noted in the published historical maps, Section 3.

4.3 Historical Boreholes

- Four historical boreholes have been obtained from the BGS on or within 250m of the site [4], Appendix C. The locations of the borehole records are presented in Figure 3.
- Three of the boreholes, NZ36NE493-495, were located on or close to the western side of the Metro railway embankment. The boreholes record up to 8.8m of both granular and cohesive made ground associated with the embankment construction. This was underlain in turn by a thin layer of soft to firm clay, medium dense to dense sand and gravel and stiff glacial till. The estimated depth to the glacial till outside the area of the Metro embankment is approximately 4.0m. The sand and gravel appears to be glacial in origin. Material described as peat was recorded directly beneath the made ground in one of the boreholes.
- Within the embankment, the made ground is indicated to comprise an upper layer of granular made ground comprising loose black ash with gravel of clinker, brick and concrete. This was underlain in BH 493 by cohesive made ground generally comprising soft, dark grey sandy silty clays, and in BH 494 by medium dense sand and gravel. This is consistent with the forms of embankment construction previously identified at other locations of the Metro infrastructure.
- Traces of white material was noted in BH 493 and 494, within the cohesive and granular made ground, which is referred to as white chemical waste. It is considered that this material could alternatively comprise chalk, originating from ships ballast, which is known to have been used in historic embankment construction in the area.
- The record of the fourth borehole (NZ36NE197B), located approximately 100m east of the site, indicates approximately 2m of made ground, comprising ash fill, overlying 6.8m of alluvial deposits comprising brown fissured clay and fine to medium grained brown sand, overlying glacial till. The glacial till was encountered at a depth of 9.0m.
- None of the borehole records prove a depth of rock head.
- The ground conditions indicated by the boreholes are in line with that indicated by the published geology

4.4 Mining

- A Coal Authority Mining Report [5] obtained for the site, Appendix B, indicates the following:
 - The site is in the likely zone of influence of recorded underground workings in two seams at depths of 120m to 170m. The seams were last worked in 1916 and it is indicated that movements relating to this should have now ceased.
 - There are no records of mine entries on the site, or within 20m of the site boundary.
 - There are no records of any recorded opencast coal mining on or in the vicinity of the site.

- There are no records of mine gas emissions requiring action by the Coal Authority within the boundary of the property.
- The Coal Authority has not received a damage note or claim for properties on the site, or any property within 50m, since 31 October 1994.
- The published geology, section 4.2, indicates the shallowest coal seam beneath the site to be the High Main, at an estimated depth of 30 to 40m.
- The Envirocheck Report [1], Appendix A, has two records of BGS Recorded Mineral Sites within 250m of the site. These records relate to the brick fields shown on the historical map from 1856, Section 3. They are detailed as follows:
 - A record relating to Oyston's Brick Field located approximately 50m south of the site. It is described as an opencast site for common clay and shale which has ceased operations.
 - A record relating to Swinburne's Brick Field located approximately 200m south of the site. It is described as an opencast site for common clay and shale which has ceased operations.

5 Environmental Setting

Information regarding the environmental setting of the site has been obtained from the Landmark Envirocheck Report [1]. The report includes information regarding potentially sensitive or contaminative land uses, hydrology and hydrogeology, abstraction and discharge consents, pollution incidents and radon risk. The information provided by the report is summarised below.

5.1 Potentially Sensitive Land Uses

- None of the following sensitive designated land uses are indicated within 500m of the site:
 - Areas of Adopted or Unadopted ‘Green Belt’,
 - Areas of ‘Outstanding Natural Beauty’,
 - Environmentally Sensitive Areas,
 - National or Forest Parks,
 - Local or National Nature Reserves,
 - Nitrate Sensitive or Nitrate Vulnerable Zones,
 - RAMSAR Sites,
 - Sites of ‘Special Scientific Interest’,
 - Special Areas of Conservation,
 - Special Protection Areas.

5.2 Potentially Contaminative Current/ Recent Land Uses

- The Envirocheck Report [1] provides information on potentially contaminative current and recent land uses, through information obtained from regulatory databases and trade directories.
- One active ‘Contemporary Trade’ directory entry is reported to exist within the site boundary. This entry appears to relate to a garage, which was formerly present on the site, Section 2.
- There are a total of 49 other ‘Contemporary Trade’ directory entries within 250m of the site. 16 of these are active and include potentially contaminative land uses such as garage services, a printers and an engineering materials shop.
- There are no records relating to landfill sites within 250m of the site. The closest records of landfill sites are for a registered historic landfill site located approximately 500m northwest of the site. These records indicate that the landfill was very large (input volume greater than or equal to 250,000) and received deposited waste including inert waste. The last input date is recorded as 1 December 1986.
- There is one active Fuel Station Entry within 500m of the site. It relates to a petrol station located approximately 250m southeast of the site. This petrol

station is also referred to by a Local Authority Pollution Prevention and Control record.

- An additional Local Authority Pollution Prevention and Control within 250m of the site relates to the respraying of road vehicles.
- There is one record of a Registered Waste Treatment or Disposal site within 500m of the site, located approximately 150m southwest of the site. It is described as a Scrapyard for Motor Vehicles and is classified as very small (< 10,000 tonnes per annum).
- The gas holder present approximately 100m southwest of the site, Section 3, appears to hold the following designations:
 - Two Hazardous substance consents for the storage of liquefied extremely flammable gas and natural gas.
 - One active Control of Major Accident Hazards (COMAH) site. It is a Lower Tier control for Transco and is described as having 'Ceased to be supplied under COMAH Regulations'.
 - One active Notification of Installations Handling Hazardous Substances (NIHHS) designation, registered to Transco.
- In addition, further searches and enquiries were undertaken to establish further details relating to the former garage on the site
 - A web-based search was undertaken to understand the nature of the former garage. The garage is understood to have been formerly known as Streamline Garages and comprised a car showroom and mechanics workshop. The business closed in 2002 and the building was left unoccupied until it was later acquired by South Tyneside Council who commissioned demolition works on the site in 2013.
 - Verbal consultation with the Contaminated Land department of South Tyneside Council has indicated that three fuel tanks were present on the site. South Tyneside Council commissioned the demolition of the garage, and provided a copy of the demolition completion report [9] (enclosed in Appendix D) which identified the following:
 - The removal of asbestos containing material and appropriate disposal off-site.
 - Demolition of the buildings on site.
 - Excavation of former foundations. Some foundations were left in place, where their removal would have removed support from the adjacent footpath.
 - Capping of drains.
 - Placement of recycled stone capping across the site.
 - Some live services were identified (see plans in report)
 - No tanks were specifically identified in the report.

5.3 Hydrology and Hydrogeology

- The closest surface water course to the site is the River Tyne, located approximately 325m northwest of the site, which flows to the northeast to

enter the North Sea approximately 1000m north of the site. It is tidal in the vicinity of the site.

- The site is indicated to be underlain by a ‘Secondary A’ bedrock aquifer. This categorisation is applied to permeable layers of rock capable of supporting water supplies at a local rather than a strategic scale, and in some cases form an important source of base flow to rivers.
- The northern area of the site is underlain by superficial deposits classified as unproductive strata. These strata have low permeability and negligible significance for water supply or water base flow. The southern area of the site is underlain by superficial deposits classified as a ‘Secondary A’ aquifer. No Source Protection Zones are indicated to be present within 500m of the site.
- No water abstraction licenses or discharge consents are indicated within 250m of the site.
- The site does not lie on an area identified by the Environment Agency to be at risk of flooding from rivers or sea without defences. The site is not indicated to be in an area under the influence of river or sea flood defences.

5.4 Radon

- The Envirocheck Report [1] indicates that the site to be in a lower probability radon area, where less than 1% of homes would be above the action level.
- This indicates that no radon protective measures will be required in any new development. This is consistent with the BRE guidance on Radon protection [6].

6 Contamination Risk Assessment

6.1 Introduction

- Ground contamination can present a risk to site development through the potential risk to human health, controlled waters and the wider environment, as well as presenting commercial risks and liabilities associated with any requirements for remediation of the site. Ground contamination is regulated through Part 2A of the Environmental Protection Act (1990), planning and various other pieces of legislation relating to water resources and pollution control.
- A preliminary qualitative contamination risk assessment has been carried out for the proposed development, based on the findings of the desk study.
- The proposed development comprises a new public transport interchange incorporating a new bus station forecourt, a new Metro platform in the location of the existing Metro railway embankment and an Interchange building with retail units. At the time of writing, it has been assumed that the landscaping proposals for the development will comprise predominantly hard landscaping.
- A preliminary contamination risk assessment has been carried out in line with UK guidance adopting the source-pathway-receptor assessment principle based on a conceptual site model developed for the site, as set out below. This approach allows the significance of how the contamination may affect human health, the development or the wider environment (the “receptor”), and how the receptors may be exposed to the contamination (the “pathway”). A pathway must exist for the source to present a risk to any given receptor. The magnitude of any such risk is assessed by considering the vulnerability of the receptor and the possible impact of the source.
- In line with the Environment Agency’s CLR 11 document [7], the conceptual model for the site is set out with contamination sources identified as part of the Hazard Identification. The potential receptors and pathways are identified as part of the Hazard Assessment. The potential receptors for unacceptable risks, due to the presence of pollutant linkages, are identified as part of the Risk Estimation, with the acceptability of these risks discussed in the Risk Evaluation.

6.2 Hazard Identification

- The desk study has identified no significant past or present contaminative land uses on the site. The site has historically been developed since the earliest OS Map published 1856 although works, a garage and railway infrastructure have been present locally.
- Historical potentially contaminative land uses have been identified in the vicinity of the site, including St. Hilda’s Colliery, a coal depot, two brick fields, Iron works, engineering works, gas works and a battery factory. Based on the indicated locations of these land uses and the topography of the site and its surroundings, it is unlikely that contamination from these land uses will be present on site.

- Based on the findings of the desk study it is considered that there is a low likelihood of significant widespread contamination being present on the site. The potential exists, however, for localised contamination of soil or groundwater to be present on site associated with a number of the past and present land uses. These are summarised in Table 6.1.

Table 6.1: Potential contamination sources on site

Source	Area of site	Potential Contaminants
Made Ground (associated with previous developments)	Potentially across site.	<p>Nature of any contaminants present will be dependent on the nature and source of material placed or used on the site.</p> <p>A range of contaminants could potentially be present including metals, inorganics, asbestos, fuel hydrocarbons, polyaromatic hydrocarbons (PAHs).</p> <p>Soil gases, such as methane and carbon dioxide may also be generated by any localised deeper areas of made ground.</p>
Made Ground (associated with railway infrastructure)	Railway embankment.	<p>Metro railway embankments commonly comprise ballast of mixed source including colliery spoil. “Chemical waste”, or possible chalk residues, were identified locally within the embankment.</p> <p>Prior to the development of the Metro, the railways will have been used by locomotives carrying natural resources. Accidents or spillages of materials may have introduced contaminants to the wider area.</p> <p>A range of contaminants, potentially including metals, inorganics, asbestos, fuel hydrocarbons, PAHs and aggressive/caustic conditions.</p>
Railway Activities	Railway embankment.	<p>Prior to the development of the Metro, the railways will have been used by locomotives carrying natural resources. Accidents or spillages of materials may have introduced contaminants to the wider area.</p> <p>A range of contaminants, potentially including metals, inorganics, fuel hydrocarbons and PAHs</p>

Source	Area of site	Potential Contaminants
Garage	Southeast corner of the site.	The site walkover identified that the area of the previous garage was surfaced with demolition rubble. No evidence of any tanks related to the garage was noted in the desk study, however further investigation may be required to confirm the absence of any potential tanks. A range of contaminants, potentially including metals, inorganics, fuel hydrocarbons and PAHs.
Works	Southwest corner of the site.	It is thought that the works marked in the southwest corner of the site relate to work shops and car maintenance facilities. It is unclear whether this has been the case throughout the site history or what other industries may have been present.
Car Parks	Southern boundary of the site.	Localised spillages associated with parked vehicles may have occurred. A range of contaminants, potentially including fuel hydrocarbons and PAHs.
Potential shallow mineworkings.	Potentially beneath entire site at circa 30m depth or more.	Mine workings can potentially generate mine gas such as carbon dioxide or methane.

6.3 Hazard Assessment

- Based on the nature of the proposed development it is considered that there is a potential for a number of receptors to be exposed to any localised ground contamination that may be present on the site.
- The potential receptors and exposure pathways identified as part of the risk assessment are summarised in Table 6.2.

Table 6.2: Summary of potential receptors and their associated exposure pathways.

Receptor	Potential Pathways
Construction Workers	Inhalation of dust or gas, direct dermal contact and ingestion of any contaminated soils, dust or groundwater, particularly during excavations that encounter any made ground.
Site End-Users, including those working on the site, members of the public and maintenance workers	Inhalation of dust and gas, direct dermal contact and ingestion of contaminated soils, dust or shallow groundwater. Accumulation of gas within confined spaces. Exposure likely to be most significant in areas of soft landscaping, where localised made ground is present. Maintenance workers including those working on the Metro embankment are most likely to be exposed.
Adjacent Site-Users, including adjacent residents.	Inhalation of dust, most notably during construction works and from areas of soft landscaping after construction. The likelihood of exposure after construction is likely to be significantly lower than during construction.

Receptor	Potential Pathways
Vegetation in any localised areas of planting	Direct root uptake. It should be noted that no evidence of distressed vegetation has been noted on site during the site walkover.
Building Materials (e.g. buried concrete or water supply pipes)	Direct contact with any aggressive contaminants within soil or groundwater. This could potentially result in degradation of building materials such as buried concrete or tainting of water supplies. Exposure is likely to be most significant where made ground is present.
Controlled Waters (Middle Coal Measures and River Tyne)	Leaching of any mobile soil contaminants and vertical groundwater migration into underlying aquifer. This is likely to be limited by the thick deposits of relatively low permeability glacial till deposits overlying the aquifer. Surface run-off during development, leaching of any mobile soil contaminants, and lateral migration into the river. The river, however, is at significant distance from the site and significant attenuation is anticipated in the intervening distance. It has been assumed that there is a low potential for significant concentrations or volumes of soil mine gas.

6.4 Risk Assessment

- The risks posed to each of the identified potential receptors have been assessed through a preliminary qualitative risk assessment. The risks have been estimated in line with the guidance provided in CIRIA Report C552, “Contaminated Land Risk Assessment – a guide to good practice” [8].
- The risk assessment has assumed generally low levels of soil contamination, with the potential for some localised areas of more significant contamination to be present, as identified in Section 6.2. It has been assumed that there is a low potential for significant volumes of soil or mine gas.
- Table 6.3 summarises the possible source-pathway-receptor relationships and provides an estimate for the magnitude and probability of the risk posed, in line with CIRIA C552. The risks are evaluated in Section 6.5.
- In summary it is considered that the potential risks posed by contamination to construction workers, site end-users, adjacent land users, building materials, plants and controlled waters is generally very low to moderate.
- The actual level of risk will be controlled by the nature and levels of any contamination present and how these are distributed across the site in relation to the proposed layout and areas of soft landscaping. As a result, the findings of this risk assessment should therefore be reviewed in light of findings of an appropriately designed development specific ground investigation.

Table 6.3 Risk Assessment

Receptor	Source	Potential Pathway	Consequence of Risk	Probability of Risk	Classification of Risk	Potential Mitigation Measures
Construction workers	General soil and groundwater contamination	Direct dermal contact with soils or water / ingestion of soils, dust or water / inhalation of dust or vapours	Minor	Likely	Low risk	Risks to construction workers should be minimised through adoption of appropriate best practice including adoption of good hygiene, provision of PPE, confined spaces best practice, dust dampening and good site housekeeping. Should any asbestos be identified during investigation, appropriate specialist advice should be sought and an appropriate asbestos management strategy developed.
	Asbestos	Inhalation of dust	Medium	Low likelihood to Likely	Moderate/Low risk to Moderate Risk	
	Soil and Mine Gas	Accumulation in confined spaces – inhalation	Medium	Unlikely	Low risk	
Site End-users	General soil and groundwater contamination	Direct dermal contact with soils or water / ingestion of soils, dust or water / inhalation of dust or vapours	Mild	Low likelihood	Low risk	If required, risks can be further reduced by removal, capping or treatment of any localised contamination within areas of soft landscaping, including embankment flanks if necessary. Any residual risks for maintenance workers, including on the embankment to appropriately identified and proactively managed. Should any asbestos be identified during investigation, appropriate specialist advice should be sought and an appropriate asbestos management strategy developed. Should investigation identify a potential gas risk, this could be mitigated through installation of gas remedial measures if necessary.
	Asbestos	Inhalation of dust	Medium	Low likelihood	Moderate/Low risk	
	Soil and Mine Gas	Accumulation in confined spaces – inhalation	Medium	Unlikely	Low risk	

Receptor	Source	Potential Pathway	Consequence of Risk	Probability of Risk	Classification of Risk	Potential Mitigation Measures
Adjacent Site-users	Any general soil and groundwater contamination	Inhalation of dust/vapours during construction	Minor	Low likelihood	Very low risk	Good site practices such as dust dampening and good housekeeping should be adopted, which will further reduce risk.
		Inhalation of dust/vapours after construction	Minor	Unlikely	Very low risk	Any measures adopted to protect site end-users will further reduce risk.
	Asbestos	Inhalation of dust	Medium	Low likelihood	Moderate/Low risk	Should any asbestos be identified during investigation, appropriate specialist advice should be sought.
Building Materials	Aggressive Ground Conditions	Direct contact	Mild	Likely	Moderate/Low risk	Should investigation identify a potential risk, this could be mitigated through appropriate selection of construction materials.
Vegetation – To be confirmed in final landscaping plans	General soil and groundwater contamination	Root uptake	Minor	Likely	Low risk	If required, placement of clean topsoil and subsoil in areas of soft landscaping will further reduce risk.
Controlled Waters – Secondary A aquifer	General soil and groundwater contamination	Leaching and migration	Mild	Low likelihood	Low risk	Removal or treatment of any localised areas of significant contamination encountered will further reduce risk.
Controlled Waters – River Tyne	General soil and groundwater contamination	Leaching and migration	Medium	Unlikely	Low Risk	Ensure appropriate control of run-off during siteworks. Ensure that any proposed piling appropriately considers ground and groundwater conditions.

6.5 Risk Evaluation

- Based on the findings of the desk study, it is considered that widespread contamination is unlikely to be present on the site. Localised areas of contamination may, however, be present in areas associated with areas of made ground and historic land uses.
- There is the potential for unrecorded mine workings to be present under the site which have the potential to produce mine gas. In view of the likely depths of any workings and the nature of the overlying materials, it is anticipated that volumes and flows of any such gas are likely to be low.
- The risk assessment carried out has indicated the potential risk posed by contamination to the proposed development to range from very low to moderate, with the greatest risks related to any asbestos contaminated soils that may be present locally. Should asbestos contaminated materials be identified, appropriate specialists should be contacted to investigate, assess and identify an appropriate mitigation strategy.
- Based on the findings of the desk study, it is considered that significant remedial works are unlikely to be required on the site and that the identified risks can be mitigated through appropriate design of the development including construction materials and landscaped areas, together with the adoption of appropriate health and safety and environmental controls during construction. Localised remedial measures may be necessary if localised contamination is encountered.

7 Engineering Considerations

7.1 Proposed Development

- It is understood that the proposed development will comprise the construction of a new public transport interchange. At the time of writing, the proposed development comprised:
 - a new bus station forecourt,
 - a new Interchange building including retail units.
 - a new platform on the existing Metro railway embankment,
 - a passenger drop-off area;
 - a separate retail unit with office accommodation at first and second floors;
 - possible works to retaining structures supporting the Metro embankment.
- As part of the proposed works, it is understood that the existing Metro Station building shall be demolished and replaced with an area of public realm.
- At the time of writing, proposed landscaping around the Interchange had not been finalised. For the purposes of this desk study it has been assumed that the landscaping will comprise predominantly hard landscaping. Localised areas of soft landscaping and areas of unsurfaced embankment may remain in areas following the development.

7.2 Ground Conditions

- The north-western area of the site is indicated to be underlain by glacial till and undifferentiated drift deposits. The south-eastern area is indicated to be underlain by alluvium deposits. The alluvial deposits are indicated to relate to an infilled 'valley feature' trending southwest to northeast within the glacial till [3].
- Laminated clay is indicated to be present to the southeast of the site.
- The superficial deposits are underlain by Carboniferous Middle Coal Measures, which comprise an interbedded sequence of mudstones, siltstones and coal seams.
- Rock head contours indicate rock head to be present at a depth of approximately 22m beneath the southern area of the site, falling to 30m beneath the northern area of the site.
- The published geology indicates no made ground to be present on the site. Available boreholes, however, indicate made ground to be present across the wider area associated with the railway infrastructure and the surrounding historical industry in the area. This is as anticipated given the topography and history of the site.
- Available borehole records indicate the ground conditions indicated to be in line with the published geology.

7.3 Mining

- The shallowest coal seam beneath the site is indicated to be the High Main seam which is shown sub cropping approximately 100m northeast of the site and dipping approximately to the southwest. This would indicate the seam to be present at a depth of between 30m to 40m beneath the site.
- A Coal Authority Mining Report recorded mining to have taken place beneath the site at depths of 120m to 170m. The seams were last worked in 1916 and any surface movements relating to this should have now ceased.
- There is the possibility that unrecorded workings may be present within the High Main seam.
- It is generally accepted that the risk of surface settlement associated with coal workings is low, where the seam is at a depth of greater than 30m below ground level. In addition, the High Main seam is overlain by a competent sandstone layer, known as the High Main Post, which is known to restrict the migration of voids associated with collapse into old workings.
- As a result of the above it is considered that potential risk posed to the proposed development by mine working is low.

7.4 Earthworks

- Based on current development proposals, it is anticipated that earthworks will be required to reprofile the existing Metro embankment, in connection with the realignment of the existing track and platform construction.
- It is anticipated that the reprofiling works would comprise excavation of existing embankment materials in a controlled manner and placement of engineered granular fill to achieve the required profile.
- Retention will be required to facilitate the required embankment profile and allow construction of the adjoining interchange building.
- Some earthworks work are anticipated associated interchange and retail buildings. Based on our current understanding of the scheme this is, however, anticipated to be limited.

7.5 Retaining Structures

- Retaining structures may be required to accommodate the embankment reprofiling.
- Based on our current understanding of the scheme, it is anticipated that this might be likely to comprise a cantilever retaining structure comprising an embedded concrete pile structure and cast in situ stem wall.
- The exact form of any retaining structures will be dependent on the layout and requirements of the development.

7.6 Foundations

- The foundations of the existing buildings on site are unknown at the time of writing, but based on the indicated ground conditions are anticipated to comprise conventional spread foundations.

- The exact form and layout of the foundations will be dependent on the form of the proposed development.
- For low rise/lightly loaded structures it is anticipated that shallow spread foundations taken down through any made ground, to found on competent in situ strata would be appropriate. Piled foundations may be required for more heavily loaded structures. This will be dependent on the exact loads and strength of the near surface in situ soils.
- Foundations for the new platform structure are likely to comprise a combination of pile foundations and shallow spread foundations, located within reengineered embankment fill.
- Obstructions associated with past development may be present within the ground. It is anticipated that, if present, these could be dealt with by appropriate investigation and excavation prior to foundation construction.

7.7 Contamination

- Based on the findings of the desk study, it is considered that widespread contamination is unlikely to be present on the site. Localised areas of contamination may, however, be present in areas associated with areas of made ground and historic land uses.
- The risk assessment carried out has indicated the potential risk posed by contamination to the proposed development to range from very low to moderate, with the greatest risks related to any asbestos contaminated soils that may be present locally.
- It is considered that the identified risks could be mitigated through appropriate design of the development including construction materials, and landscaped areas, together with the adoption of appropriate health and safety and environmental controls during construction and implementation of localised remedial measures, if necessary.
- Based on the findings of the desk study, it is considered that significant remedial works are unlikely to be required.

7.8 Ground Gas

- Based on current available information, it is considered that the potential risk posed by soil and mine gas is low.
- Appropriate assessment of the levels of any soil gas present will need to be carried out as part of a development specific ground investigation.

8 Recommendations for Future Work

It is recommended that the following further ground related work is undertaken prior to development:

- Walk over survey of the Metro embankment – in particular identify any evidence of existing slope instability.
- A development specific ground investigation - the exact scope of the investigation will be dependent on the findings of any further desk study carried out and the final development proposals. The investigation is likely to comprise:
 - A number of boreholes to confirm the ground conditions with depth and provide a parameters for design of retaining walls and piles foundations.
 - Installation of instruments in the boreholes to enable monitoring of levels of any soil gas present and groundwater levels.
 - A number of trial pits within the area of the proposed building development to determine the nature and vertical/lateral variation in composition of the near surface soils and enable samples to be taken for geotechnical and contamination testing. To meet current guide lines pits will need to be excavated on an approximate 25m grid.
 - The scope of investigation within the Metro embankment will be dependent on the exact details of the proposed development and available access.
 - Programme of laboratory geotechnical and contamination testing.

9 References

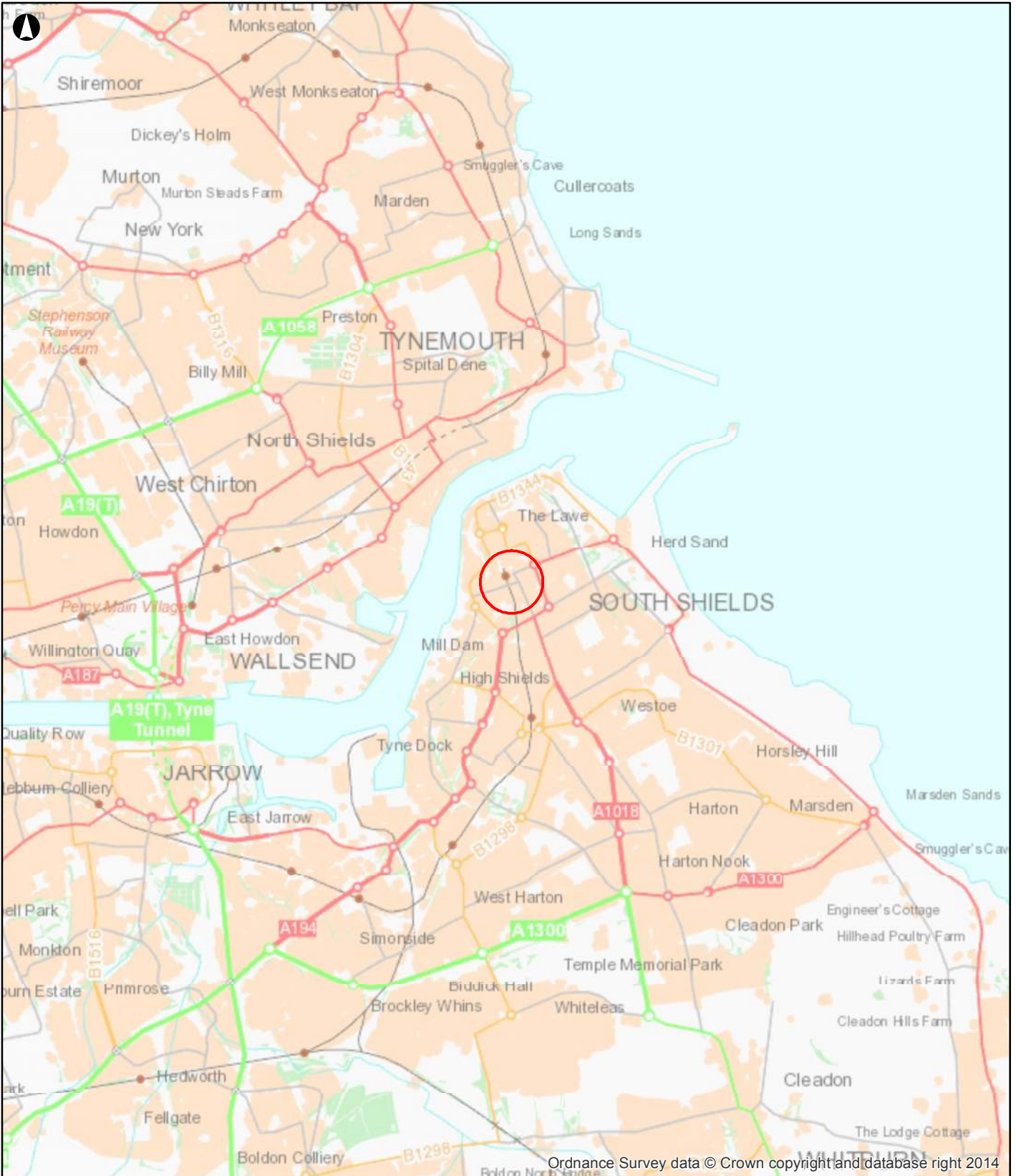
- [1] Landmark Information Group Ltd., *Envirocheck Report for South Shields Metro Station, Ref: 47921799_1_1*, 26 July 2013.
- [2] Map of Horseley Hill Estate, 1768.
- [3] British Geological Survey (BGS), *Solid and Drift Geology Map 1:10,560 Sheet NZ36NE*.
- [4] British Geological Survey (BGS), *Onshore GeoIndex*; <http://mapapps2.bgs.ac.uk/geoindex/home.html>. Accessed 10 October 2014.
- [5] Coal Authority, *Non-Residential Coal Authority Mining Report for Site in South Shields, South Tyneside. Ref: 61265992_1*.
- [6] Scivyer CR, 2007. *Radon: Guidance on protective measures for new buildings, BRE Report 211*. BRE Press, Bracknell.
- [7] Environment Agency, 2004. *Model Procedures for the management of land contamination, CLR11*. Environment Agency.
- [8] Rudland DJ, Lancefield RM, Mayell PN, 2001. *Contaminated Land Risk Assessment – A guide to good practice (C552)*. CIRIA, London.
- [9] Owen Pugh Ltd., 2014. *Streamline & Tyneside Garages, South Tyneside. Post Construction Health & Safety File*.

Figures

Figure 1 Site Location Plan

Figure 2 Site Layout Plan

Figure 3 Historical Borehole Plan



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Legend

Site Location

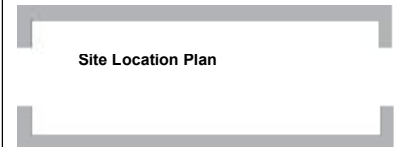
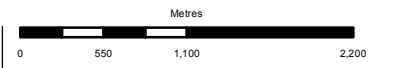
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Issue	Date	By	Chkd	Appd

ARUP

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Client
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Job Title
South Shields Interchange

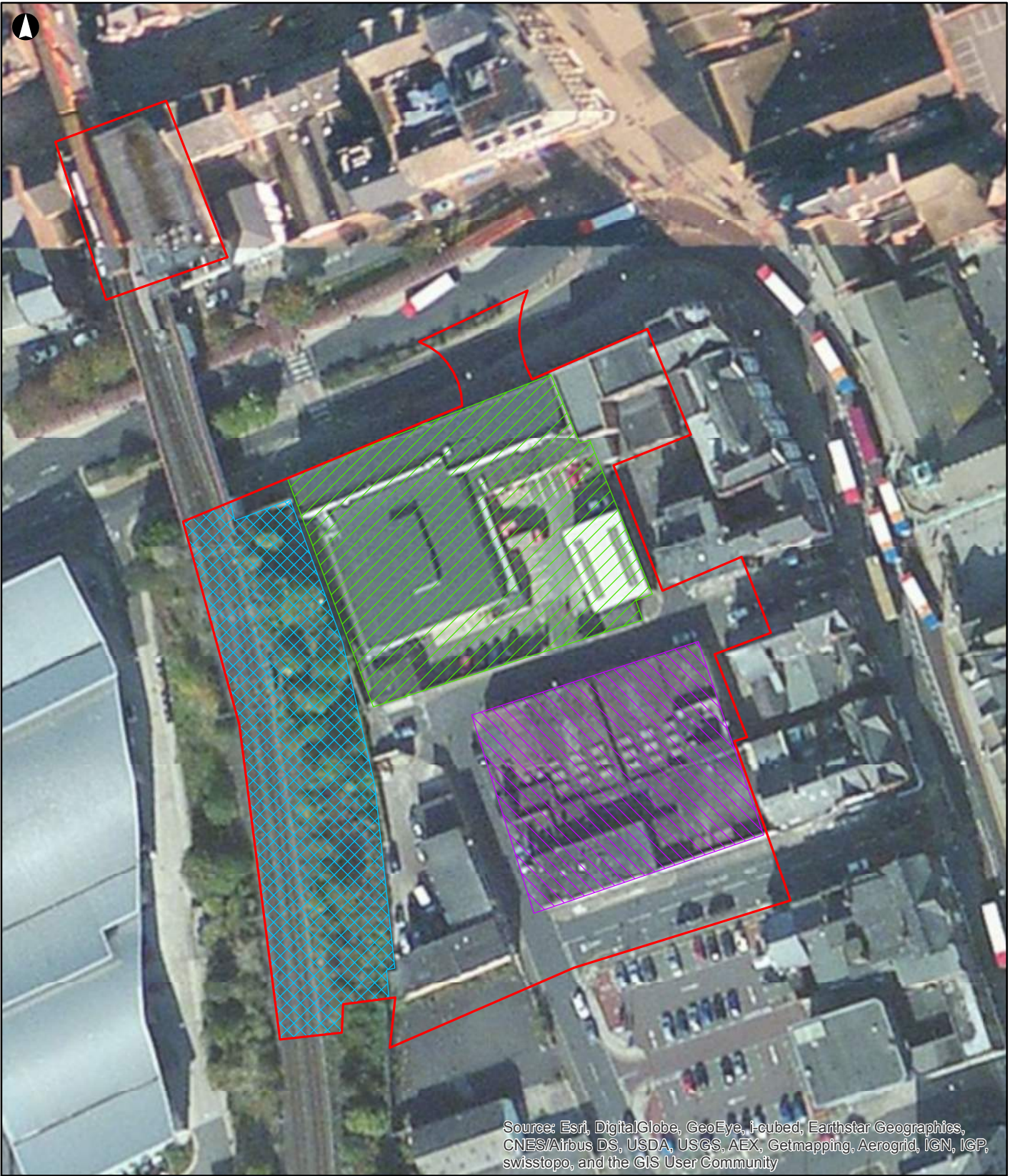


Scale at A4

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Job No 231912-00	Drawing Status For Issue
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Drawing No Figure 1	Issue F3
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Source: Esri, DigitalGlobe, GeoEye, i-cubed, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

Legend

- Site Boundary
- Open Ground (Demolished Garage)
- Post Office
- Metro Embankment

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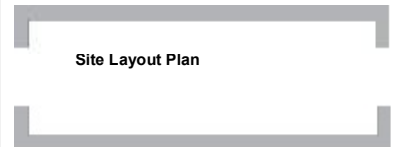
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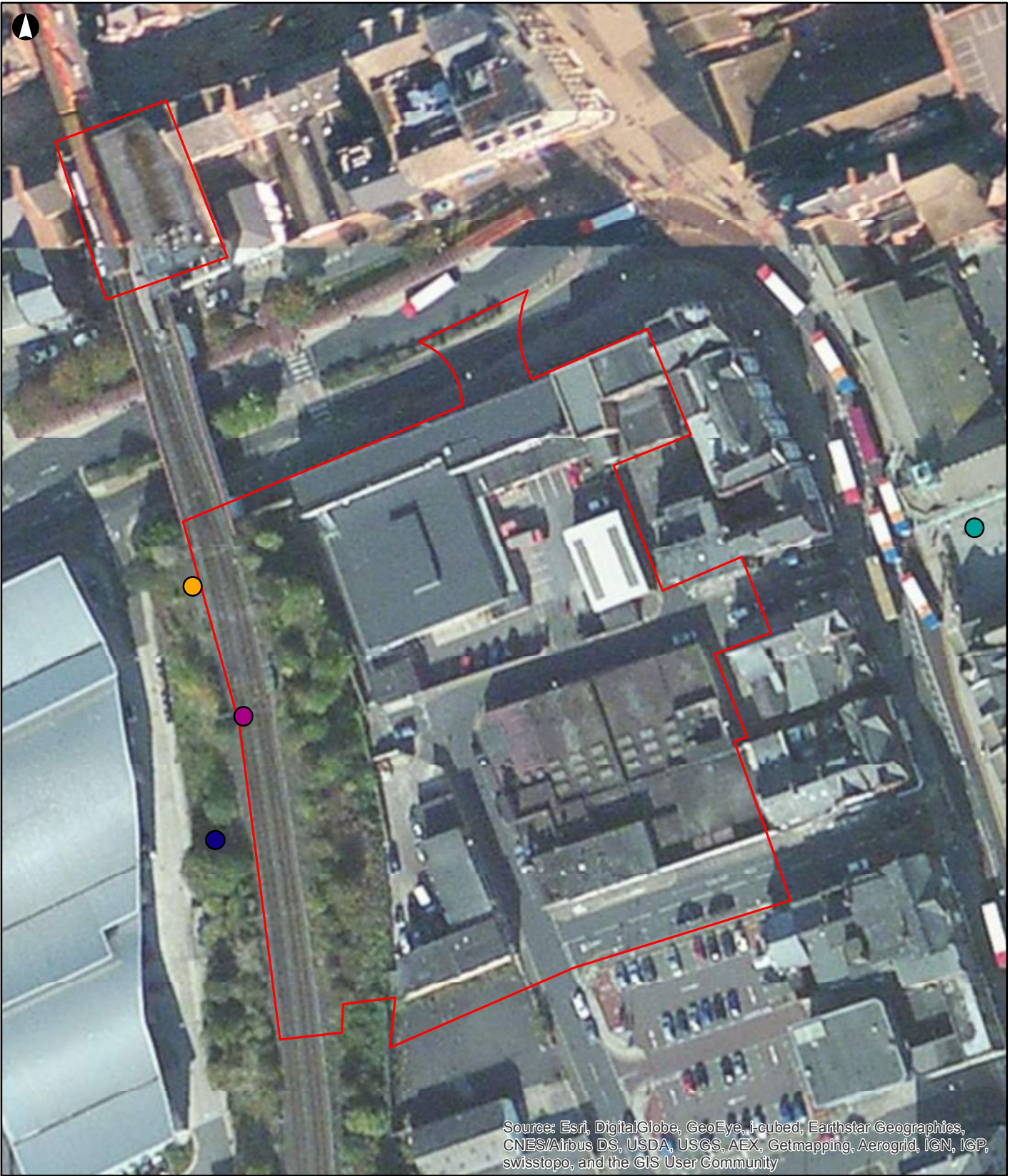
Job Title
South Shields Interchange



Scale at A4

1:1,000

Job No 231912-00	Drawing Status For Issue
Drawing No Figure 2	Issue F3



Source: Esri, DigitalGlobe, GeoEye, i-cubed, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

Legend

- NZ36NE493
- NZ36NE494
- NZ36NE495
- NZ36NE197B

Site Boundary

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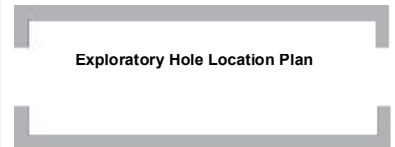
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Issue	Date	By	Chkd	Appd

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Job Title
South Shields Interchange



Exploratory Hole Location Plan

Scale at A4

1:1,000

Job No 231912-00	Drawing Status For Issue
Drawing No Figure 3	Issue F3

Photographs



Photograph 1 Post Office Building. Facing West on Keppel Street.



Photograph 2 Courtyard to rear of Keppel Street shops. Facing Northeast.



Photograph 3 Footpath between Post Office and Metro Embankment. Facing South.



Photograph 4 Yellow pipe protruding from embankment retaining wall. Facing North.



Photograph 5 Offices in southwest corner of site. Facing West.



Photograph 6 Rear yard of offices and workshops. Red brick retaining wall joins masonry wall. Facing South.



Photograph 7 Vacant land between Albemarle Street and Burrow Street. Facing South.



Photograph 8 Retail units on Burrow Street. Facing West.

Appendix A

Landmark Envirocheck Report

Appendix B

Historical Borehole Logs

Appendix C

Coal Authority Report



Issued by:

The Coal Authority, Property Search Services, 200 Lichfield Lane, Berry Hill, Mansfield, Nottinghamshire, NG18 4RG
Website: www.groundstability.com Phone: 0845 762 6848 DX 716176 MANSFIELD 5

**LANDMARK INFORMATION GROUP
LIMITED
SOWTON INDUSTRIAL ESTATE
ABBAY COURT
UNIT 5/7 EAGLE WAY
EXETER
DEVON
EX2 7HY**

Our reference: **51000649851001**
Your reference: **61265992_1|**
Date of your enquiry: **17 October 2014**
Date we received your enquiry: **17 October 2014**
Date of issue: **17 October 2014**

This report is for the property described in the address below and the attached plan.

Non-Residential Coal Authority Mining Report

SITE AT SOUTH SHIELDS, SOUTH TYNESIDE, TYNE & WEAR,

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

Coal mining	See comments below
Brine Compensation District	No

Information from the Coal Authority

Underground coal mining

Past

The property is in the likely zone of influence from workings in 2 seams of coal at 120m to 170m depth, and last worked in 1916.

Any ground movement from these coal workings should have stopped by now.

Present

The property is not in the likely zone of influence of any present underground coal workings.

Future

The property is not in an area for which the Coal Authority is determining whether to grant a licence to remove coal using underground methods.

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

The property is not in an area that is likely to be affected at the surface from any planned future workings.

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

No notice of the risk of the land being affected by subsidence has been given under section 46 of the Coal Mining Subsidence Act 1991.

Mine entries

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

Coal mining geology

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

Opencast coal mining

Past

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

Present

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

Future

The property is not within 800 metres of the boundary of an opencast site for which the Coal Authority is determining whether to grant a licence to remove coal by opencast methods.

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

Coal mining subsidence

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

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

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

Mine gas

There is no record of a mine gas emission requiring action by the Coal Authority within the boundary of the property.

Hazards related to coal mining

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

Withdrawal of support

The property is not in an area for which a notice of entitlement to withdraw support has been published.

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

Working facilities orders

The property is not in an area for which an Order has been made under the provisions of the Mines (Working Facilities and Support) Acts 1923 and 1966 or any statutory modification or amendment thereof.

Payments to owners of former copyhold land

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

Information from the Cheshire Brine Subsidence Compensation Board

The property lies outside the Cheshire Brine Compensation District.

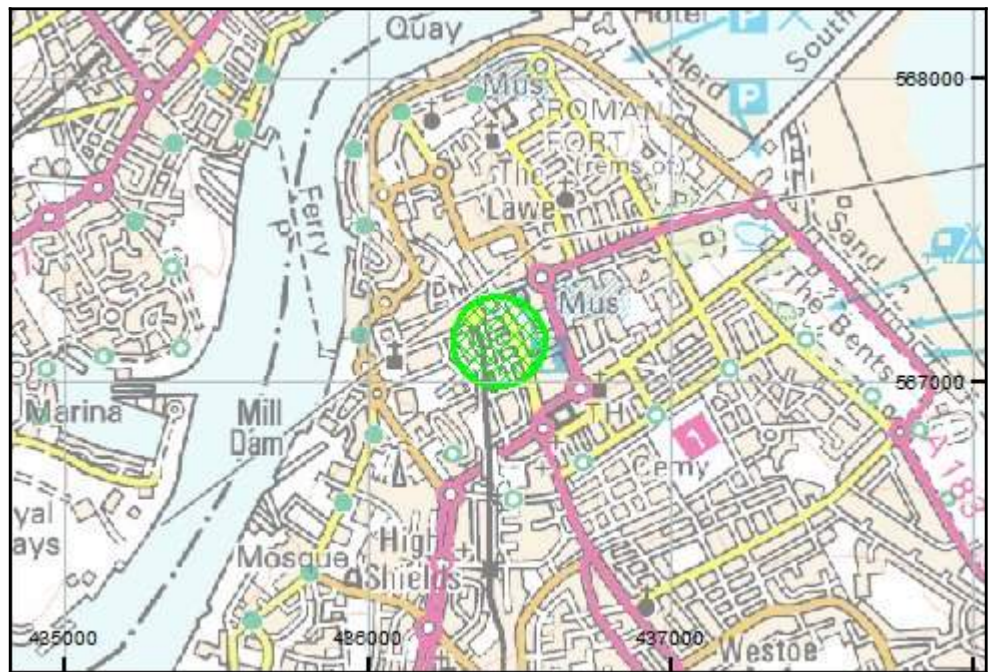
Additional Remarks

This report is prepared in accordance with the Law Society's Guidance Notes 2006, the User Guide 2006 and the Coal Authority and Cheshire Brine Board's Terms and Conditions 2006. The Coal Authority owns the copyright in this report. The information we have used to write this report is protected by our database right. All rights are reserved and unauthorised use is prohibited. If we provide a report for you, this does not mean that copyright and any other rights will pass to you. However, you can use the report for your own purposes.

Location map



Approximate position of property



Enquiry boundary

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Key

Approximate position of enquiry boundary shown



Appendix D

Demolition Completion Report
for Garage formerly on site.

STREAMLINE & TYNESIDE GARAGES

SOUTH TYNESIDE

POST CONSTRUCTION

HEALTH & SAFETY FILE

INDEX**SECTION**

- 1) Project Location
- 2) Key Positions
- 3) Project Description
- 4) Residual Significant Risks
- 5) Key Structural Principles
- 6) H&S Info for Maintenance
- 7) Location and Nature of Utilities
- 8) As built Drawings
- 9) Asbestos Information
- 10) Waste Transfer Notes

1) PROJECT LOCATION

Site - Streamline and Tyneside Garages

Address - William St, South Tyneside

Client - South Tyneside MBC

2 KEY POSTIONS

Client

South Tyneside MBC
Paul Quinn 0191 4247633
Town Hall & Civic Offices

Principal Contractor

Owen Pugh Contracts Ltd
Keith Bulmer 0191 250 0315
Cramlington Road
NE23 7PR

Cost Management

South Tyneside MBC
Paul Quinn 0191 4271717
Town Hall & Civic Offices

Designer

South Tyneside MBC
Paul Quinn 0191 4271717
Town Hall & Civic Offices

CDMC

South Tyneside MBC
Michael Taylor 0191 4271717
Town Hall & Civic Offices

2) PROJECT DESCRIPTION

The works involved the removal of asbestos containing material (ACM) prior to demolition, the demolition of the properties, segregating of the wastes and removal to registered waste transfer stations and landfills. The grubbing up most foundations, retaining walls and the capping off of all drains from the properties, those walls and foundations left insitu were to maintain the integrity of the adjacent footpaths.

Recycled stone was imported and spread over the two sites to required levels.

The gable wall to no 8 Burrow St exposed during the works was treated by means of wall anchors and proprietary render system (Parex). The outer skin off brickwork was taken down by hand and the Client decided the rest of the brickwork was to remain in place and the remaining works were carried out as per revised drawing S(G)-005 Rev C.

Part of the roof to the Snugfit building which adjoined the former Tyneside Garage was renewed following the demolition of the forecourt canopy.

Both sites were enclosed using Birdsmouth fence to restrict general access.

Tyneside Car Sales

Founds left in situ, adjacent William St



Foundations left in situ, adjacent William St



Approximate position of pot end to old electric cable



Streamline Garage

Founds left in situ adjacent Burrow St



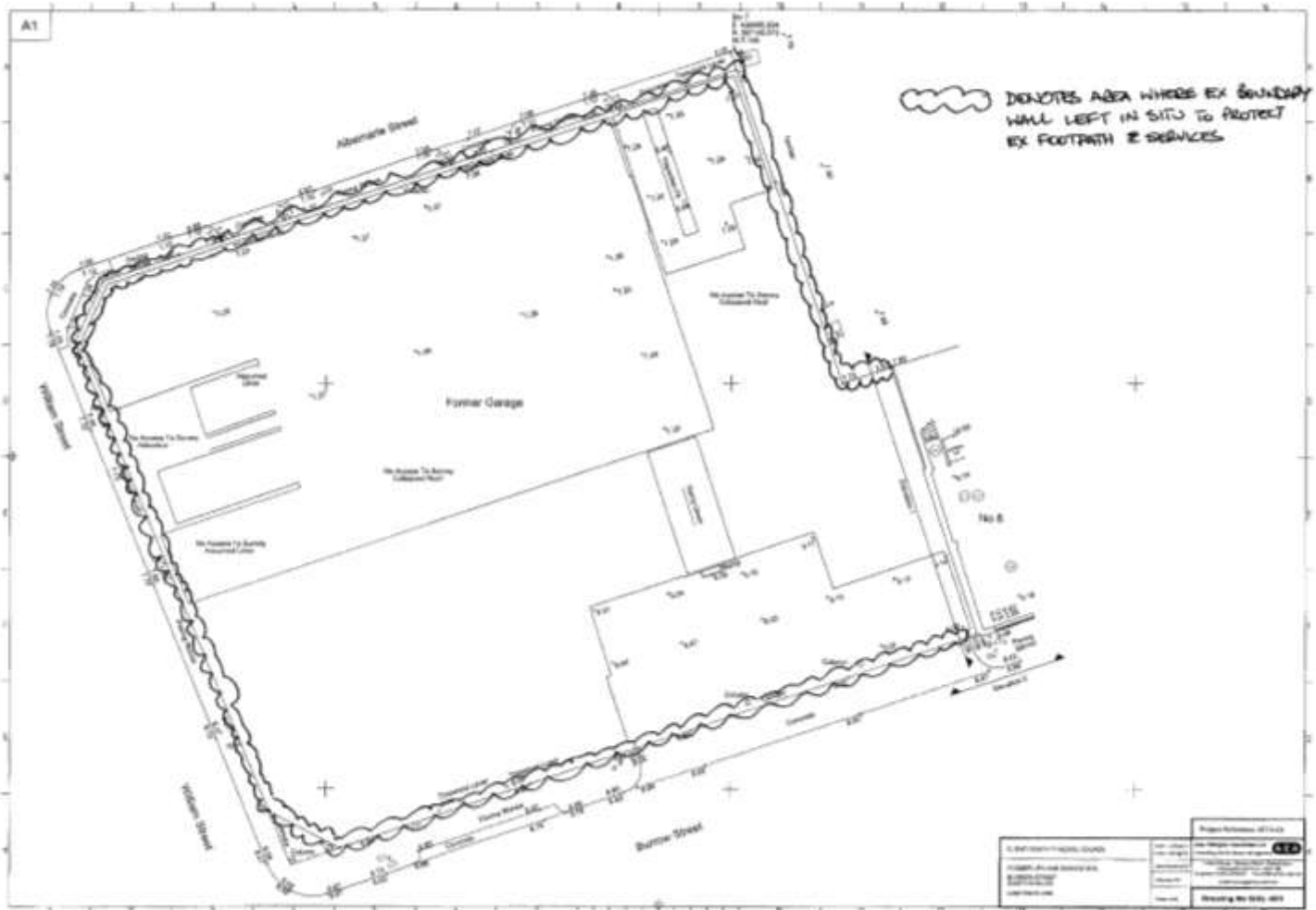
Foundations left in situ adjacent William St

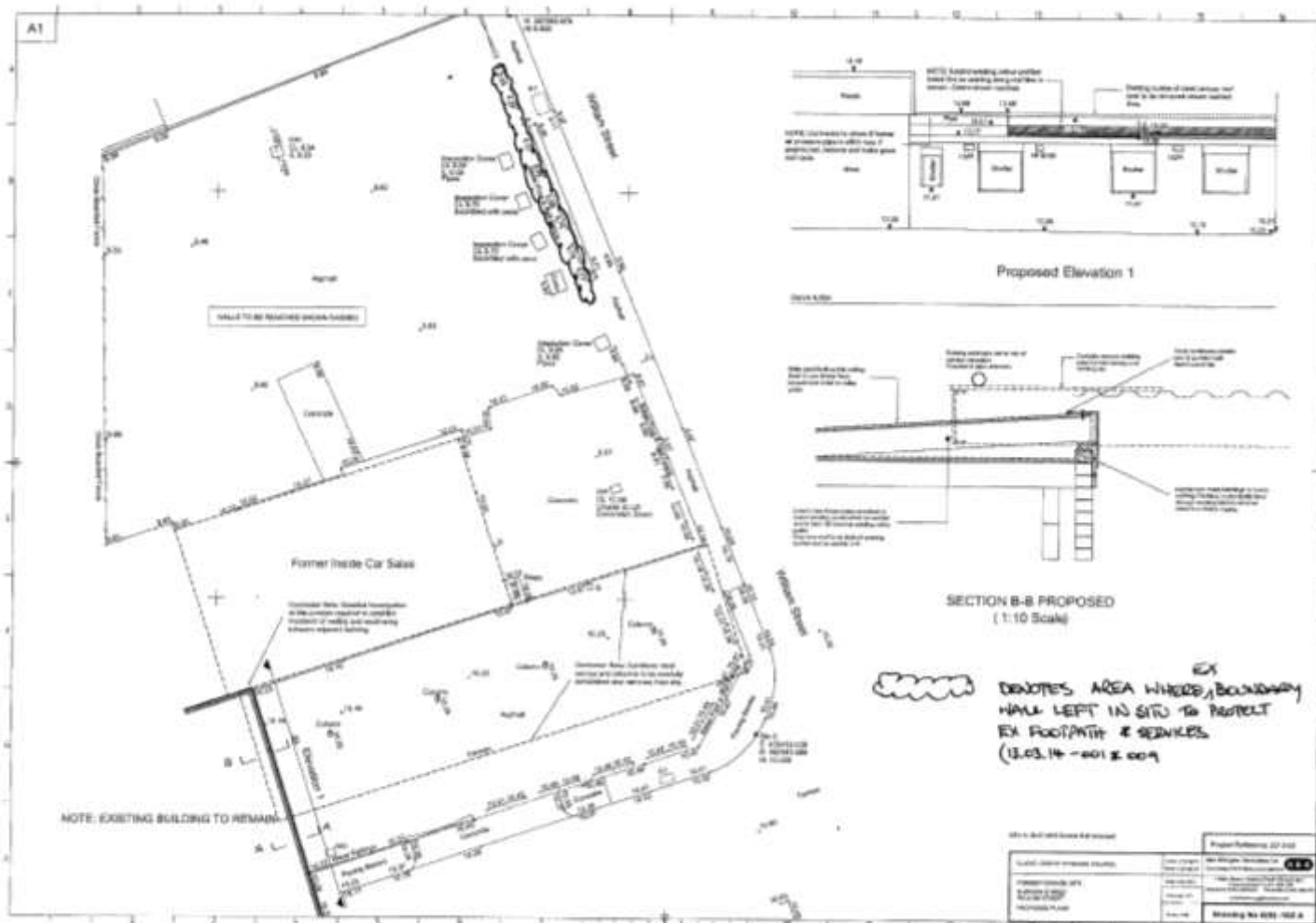




Foundations left in situ to Albermarle St and adjacent back lane







3) RESIDUAL SIGNIFICANT RISKS

- All asbestos was removed from the properties and records of clearances and disposal are attached. (Clearance certs and Waste Consignment Notes-see Section 8 Asbestos)
- There is an electric cable which has been pot ended within the Tyneside garage plot which is still live. This is a very old service feed into the site. See plan and photos attached.
- There are two manholes within the Tyneside garage site (see attached plan).
The remains of an outlet chamber along the west side of the Streamline site which has been plugged and buried. To break it out completely would have jeopardised the footpath and adjacent services.

Refer to section 6 Utilities.

4) KEY STRUCTURAL PRINCIPLES

N/A

5) H&S INFO FOR MAINTENANCE

Warranties

PAREX

Render Systems & Façade Solutions

Warranty Certificate



Project: - The Old Streamline Garage, William Street, South Shields, NE33 1PQ

Client: - Owen Pugh Contractors Ltd

Applicator: - NDC Developments

Period of Cover: - 10 Years **Commencement Date:** - 1st October 2014

Material Defects and Design Guarantee

- ↓ 10 year cover.
- ↓ Protects against any failure in the system that has been caused by defective material components.
- ↓ Provided on all Parex supplied render systems materials.
- ↓ Any damage to the system must be repaired by a Parex registered application company and installed in accordance with the recommendations and details set out in the Parex Commercial and Repair Manual, using Parex manufactured materials or approved materials when part of a render system.
- ↓ Parex must approve any repairs prior to commencement.
- ↓ Parex must be advised of any defects as soon as they become known about, first by telephone and then confirmed in writing. Failure to report a defect when found may result in this warranty being null and void.
- ↓ Should an inspection be required at any time Parex will require free and safe access to the property and or defective area to be provided by the property owner.

This warranty is offered on the understanding that the application company named above has followed and adhered to the Parex specification and recommended systems of applications and their operatives are competent applicators in the Parex products and systems. Parex Ltd shall not be liable for any consequential or other damages resulting from or in connection with the application of their products or procedures.

Parex Ltd, Holly Lane Industrial Estate, Althorpe, Warwickshire, CV9 2QZ.
Tel: 01827 711 755 Fax: 01827 711 330 / www.parex.co.uk

Certificate Number - 14102102513



HCL Safety Limited

CONTRACTS DIVISION



Our Ref.: CONT0159

Date: 22/09/14

Compass Developments NE Limited
9 Trafalgar Court
South Nelson Road
South Nelson Industrial Estate
Cramlington
Northumberland
NE23 1WF

For the attention of: Stephen O'Neill

RE: Burrow Street – South Shields

We confirm all the anchors on the above project have been installed as per the manufacturer's instructions.

All anchors are covered by the manufacturer regarding a product guarantee.

HCL guarantee the workmanship.

We trust this meets with your approval and should you require any further information please do not hesitate to contact the office below.

Yours faithfully

A handwritten signature in black ink, appearing to be 'ET', written over a horizontal line.

PP
Mr Ernie Tuck
General Manager
HCL Safety Limited – Contracts Division

HCL, Unit 3a, Riverside Industrial Estate, Langley Park, Durham DH17 9TU
Tel: +44 (0)191 373 6047 Fax: +44 (0)191 373 6729
Website: www.hclsafety.com

HCL Safety Ltd is part of the Latchways plc Group. Registered Office: Hopson Park, Devizes, Wiltshire SN10 2JP Reg. No. 2691132 in England & Wales

6) LOCATION AND NATURE OF UTILITIES



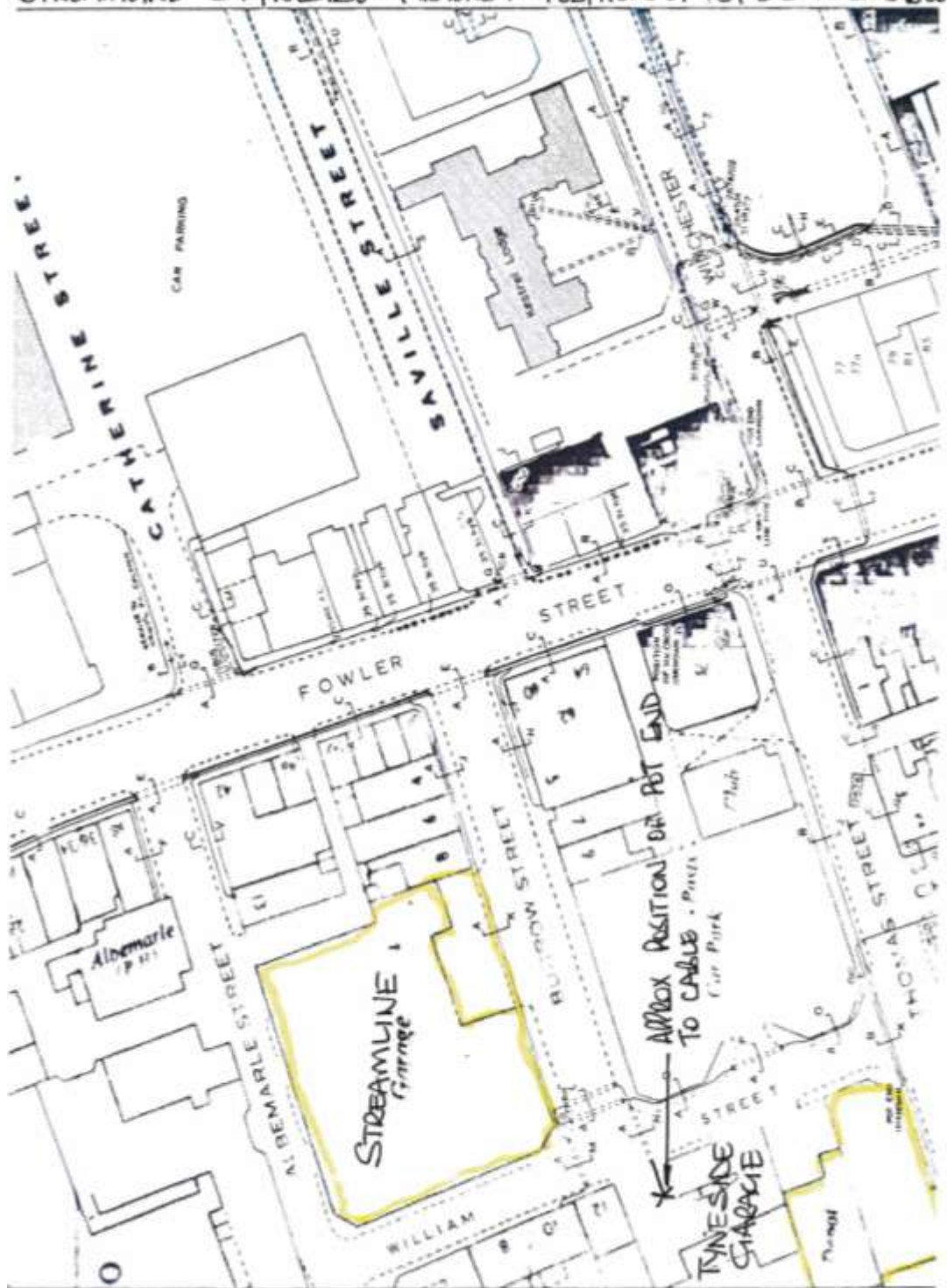
Streamline

Ex MH left in situ adjacent William St, outlet wall left in with outlet blanked off



Ex Cable

STREAMLINE & TYNESIDE GARAGES :- POSITION OF POT END TO EX CABLE





7) ASBUILT DRAWINGS

8) ASBESTOS INFORMATION





9) WASTE TRANSFER NOTES

The Hazardous Waste Regulations 2005: Consignment Note ME25792 Environment Agency

PRODUCER'S/HOLDER'S/CONSIGNOR'S COPY (Date as appropriate)

PART A: Notification details

1. Consignment note code: 03N387107314

2. The waste described below is to be removed from (name, address, postcode, telephone, e-mail, fax/mobile): SARSTRIP UK LTD
STREAMLINE AND TINE SAIL
WILLIAM ST, SOUTH SHIELDS NE33 1PB

3. Permit code (where applicable): 03N387

4. The waste will be taken to (name, address and postcode): ANGEL LANDFILL SITE
OFF HUNTSMAN DRIVE
PORTRAITANE, TOSSIDE
The waste producer and/or consignee must also provide (name, address, telephone, e-mail, fax/mobile): N/A TS2 1UE

PART B: Description of the waste

1. The process giving rise to the waste(s) was: Asbestos Removal for the process giving rise to the waste: US-551

2. WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EMC identified)

Description of waste	List of wastes (EMC code(s) digit(s))	Quantity (kg)	The chemical/biological components in the waste and their concentrations are:		Physical form (gas, liquid, solid, powder, sludge or mixed)	Hazard code(s)	Container type, number and size
			Component	Concentration (% or mg/kg)			
<u>Fibrous asbestos</u>	<u>170601</u>	<u>Approx 2 tonnes</u>	<u>Fibres</u>	<u>> 0.1%</u>	<u>SOLID</u>	<u>H7</u>	<u>12up</u>
			<u>Asbestos</u>				

The information given below is to be completed for each EMC identified

EMC code	UN identification number(s)	Proper shipping name(s)	UN class(es)	Packing group(s)	Special handling requirements
<u>170601</u>	<u>2812</u>	<u>Fibrous asbestos</u>	<u>9</u>	<u>II</u>	<u>EX</u>

PART C: Carrier's certificate

If more than one carrier is used, please attach schedule for subsequent carriers. If schedule of carriers is attached tick here:

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

Where this note comprises part of a multiple collection the round number and collection number are: 1

1. Carrier name: K. Johnson
On behalf of (name, address, postcode, telephone, e-mail, fax/mobile): WASTE RE-CYCLING LOGISTICS LTD
14 LINGINGTON LANE, SUNDERLAND
CH4N 338 1GN
N 55 6 3 W

2. Carrier registration no. (UK): SRUBDA

Vehicle registration no. (or mode of transport if not road): N 55 6 3 W

Date: 11/03/2014 Time: 0630

PART D: Consignor's certificate

I certify that the information in A, B and C has been completed and is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and Wales) Regulations 2011.

3. Consignor name: A. Bell
On behalf of (name, address, postcode, telephone, e-mail, fax/mobile): SARSTRIP UK LTD
326 MURTON LANE
EASTAHLAND CO DURHAM

Date: 11/03/2014 Time: 0630

PART E: Consignee's certificate

Individual EMC code(s) received: 170601 Quantity of each EMC code received (kg): 2500 EMC code accepted/rejected: ✓ Waste management operation (R or D code): D05

1. I received this waste at the address given in A4 on: Date 11/03/2014 Time 0730

2. Vehicle registration no. (or mode of transport if not road): N 55 6 3 W Name: [Signature]
On behalf of (name, address, postcode, telephone, e-mail, fax/mobile): [Signature]

3. Where waste is rejected please provide details: N/A

I certify that waste permit/exempt waste operation number: BR01500004

authorises the management of the waste described in B at the address given in A4.

Where the consignment forms part of a multiple collection, as identified in Part C, I certify that the total number of consignments forming the collection are: 1

Date: 11/03/2014 Time: 0730

HWCN03V111



Sak Ship
02/03/14

Port Clarence Site
Off Huntsman Drive
Middlebrough TS2 1UE
tel. 01642 546836 fax. 01642 546835

ADVICE/WASTE TRANSFER NOTE TICKET NO:

CUSTOMER: NAL001 Alex Seales Limited Wellington Lane Deptford Sunderland Tyne & Wear NE15 0DU		HAULIER: NAL001 Alex Seales Limited Wellington Lane Deptford Sunderland		
ORDER NO: 02520421214		VEH. TYPE: SKIP skip Lorry		
SOURCE: 02520421214 02 Newcastle Upon Tyne		VEH. REG NO: N456RN		
WASTE TYPE: 1706 - Insulation Materials		CARRIER NO: CB/1813416RS		
WASTE CATEGORY: 170601 - Insulation materials contained		TRANSFER NO: 02520421214		
CONTAINER: L170601 - Insulation materials contained		GRID REF: Job No. 1 L102/02520421214		
	WEIGHT KG'S	SEQ. NO	DATE	TIME
GROSS				
TARE	1180	109309	11/03/2014	07:30
NET	5000	MRAAR	11/03/2014	07:30
	2580		MEASURE	
PRINT NAME:	SIGNATURE ON BEHALF OF CUSTOMER:	SIGNATURE FOR AUGEAN:		
	<i>[Signature]</i>	<i>[Signature]</i>		

Form HW601v111

The Hazardous Waste Regulations 2005: Consignment Note



PRODUCER'S/HOLDER'S/CONSIGNOR'S COPY (Delete as appropriate)

PART A: Notification details

1. Consignment note code: **DTJ43E7103316**

2. The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):
**Safe St-Up UK Ltd, Steamline
of Tyne Soil, William Street,
South Shields, Tyne & Wear,**

3. Producer code (where applicable): **DTJ43E7103316**

4. The waste will be taken to (name, address and postcode):
**AUGUSTIONDELL, Off Muntersman
Drive, PO 1 116, Evesham,
TESSICK, TS21UE**

5. The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):
N/A

PART B: Description of the waste

1. The process giving rise to the waste(s) was: **Asbestos Removal** SAC, for the process giving rise to the waste: **WST 2051**

2. WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EMC identified)

Description of waste	List of waste (EMC code(s) digit)	Quantity (kg)	The chemical/biological components in the waste and their concentrations are:		Physical form (gas, liquid, solid, powder, sludge or mixed)	Hazard (code(s))	Container type, number and size
			Component	Concentration (% or mg/kg)			
Asbestos	170605	Asbestos & rubble	Asbestos	70-11	Solid	477	2240

The information given below is to be completed for each EMC identified

EMC code	UN identification number(s)	Proper shipping name(s)	UN class(es)	Packing group(s)	Special handling requirements
170605	2590	Asbestos	9	III	R2

PART C: Carrier's certificate

(If more than one carrier is used, please attach schedule for subsequent carriers, if schedule of carriers is attached tick here:)

I certify that I have collected the consignment and that the details in A2, A4 and B1 are correct and I have been advised of any specific handling requirements.

Where this note comprises part of a multiple collection the round number and collection number are:

Round number: **1**

1. Carrier name: **K Jansen**

On behalf of (name, address, postcode, telephone, e-mail, facsimile):
Waste Recycling Logistic, Dept Rec

Junckland, SK4 6DD

2. Carrier registration no./license for operation:
CS 17435F NON

3. Vehicle registration no. for mode of transport, if not road:
NX56 BUN

4. Date: **14/03/2014** Time: **0700**

PART D: Consignor's certificate

I certify that the information in A, B and C has been completed and is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and Wales) Regulations 2011.

Consignor name: **P. S. STAY**

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

Safe St-Up UK Ltd,

52 B Muntersman Drive,

Off Muntersman Drive,

PO 1 116, Evesham,

Signature: **[Signature]**

Date: **14/03/2014** Time: **0700**

PART E: Consignee's certificate

Individual EMC code(s) received	Quantity of each EMC code received (kg)	EMC code accepted/rejected	Waste management operation (B or D code)
170605	2180	✓	D05

1. I received this waste at the address given in A4 on: Date: **14/03/2014** Time: **0800**

2. Vehicle registration no. (or mode of transport if not road):

NX56 BUN

3. Where waste is received please provide details:

I certify that waste permit/consent/waste operation number:

AV14021CV002

authorises the management of the waste described in B at the address given in A4.

Where the consignment forms part of a multiple collection, as identified in Part C, I certify that the total number of consignments forming the collection are:

Name: **[Signature]**

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

AS PV

Signature: **[Signature]**

Date: **14/03/2014** Time: **0823**



*Safe Skip
02238713314*

Port Clarence Site
Of Huntsman Drive
Middlebrough TS2 1UE
tel. 01642 546836 fax. 01642 546835

ADVICE/WASTE TRANSFER NOTE TICKET NO: 456800 Permit : BV140210V007

CUSTOMER: W&L001 Alex Scales Limited Wellington Lane Deptford Sunderland Tyne & Wear SR4 8BA		HAULIER: W&L001 Alex Scales Limited Wellington Lane Deptford Sunderland		
ORDER NO: DJW56712314 SOURCE: 247 Newcastle Upon Tyne		VEH. TYPE: SKIP Skip Lorry VEH. REG NO: NX56LN CARRIER NO: CB/1803416R TRANSFER NO: DJW56712314		
WASTE TYPE: 1705 - Insulation Materials				
WASTE CATEGORY: L170605 - Construction Mat. containing a LFT Regn No. : 01707-0/00-160X				
CONTAINER: GRID REF: 341 - 40 Job No. : 1080704700624				
	WEIGHT KG'S	SEQ. NO	DATE	TIME
GROSS	4180	115012	14/03/2014	08:26
TARE	930	PSMFL	14/03/2014	08:23
NET	2180			
		MEASURE		2.18 Tonne
PRINT NAME: PC-WEIGHTMAN/14	SIGNATURE ON BEHALF OF CUSTOMER: <i>[Signature]</i>		SIGNATURE FOR AUGEAN: <i>[Signature]</i>	

202-1001
OPC

Owen Pugh and Company Ltd
DUTY OF CARE : WASTE TRANSFER NOTE

14253

SECTION A - DESCRIPTION OF WASTE

- Describe the waste being transferred - EWC Code: 1.7.0.9.0.4
EWC Description: MIXED DEMO & CONCRETE
SIC Code: 4311
- How is the waste contained? 8W 6W Skip
Other Please describe: _____
- What is the quantity of waste (number of loads, weight, etc?) 2000

SECTION B - PRODUCER OF WASTE

- Name of company: OWEN PUGH & CO
- Address of company: CRAMLINGTON RD DUDLEY
- Location of waste (if different to above): WILLIAM ST - SOUTH SHIELDS
- I confirm that the waste management hierarchy has been applied to the waste in Section A as required by Regulation 12 of the Waste (England & Wales) Regulations 2011 Please tick to confirm
- I certify below that the waste in Section A will be transferred to the carrier detailed in Section C
Date of transfers FROM 24/2/14 TO 23/2/15
Full Name: John ADLEBY Signed: [Signature] Date: 24/2/14
(BLOCK CAPITALS)

SECTION C - WASTE CARRIER

- Name and address of company: Owen Pugh & Co Ltd, Cramlington Road, Dudley, Northumberland, NE23 7PR
- Registered Waste Carrier: [Signature] Registration No: CB/YN5574QD
Issued by: Environment Agency North East Region
Signed: _____

SECTION D - WASTE DISPOSAL

- Trading name and address: OWEN PUGH AGGREGATES
- Address to which waste is delivered: MARSDEN QUARRY WHITBYEN
- Waste management licence No.: B0511 910
- Full name (BLOCK CAPITALS): R HUGGETT
Signed: [Signature] Representing: OWEN PUGH

Copies to: Pink - Producer / Green - Carrier / Yellow - Disposal Site

Marsden Quarry
Yellow Copy.

Owen Pugh and Company Ltd
DUTY OF CARE : WASTE TRANSFER NOTE

14254

SECTION A - DESCRIPTION OF WASTE

- Describe the waste being transferred - EWC Code: 1.7.0.3.0.2
EWC Description: TARMAC
SIC Code: 4311
- How is the waste contained? 8W 6W Skip
Other Please describe: _____
- What is the quantity of waste (number of loads, weight, etc?) 2000

SECTION B - PRODUCER OF WASTE

- Name of company: OWEN PUGH & CO
- Address of company: CRAMLINGTON RD DUDLEY
- Location of waste (if different to above): WILLIAM ST - SOUTH SHIELDS (141002)
- I confirm that the waste management hierarchy has been applied to the waste in Section A as required by Regulation 12 of the Waste (England & Wales) Regulations 2011 Please tick to confirm
- I certify below that the waste in Section A will be transferred to the carrier detailed in Section C
Date of transfers FROM 6/3/14 TO 5/3/15
Full Name: JOHN APPREST Signed: [Signature] Date: 6/3/14
(BLOCK CAPITALS)

SECTION C - WASTE CARRIER

- Name and address of company: Owen Pugh & Co Ltd, Cramlington Road, Dudley, Northumberland, NE23 7PR
- Registered Waste Carrier Registration No: CB/YN6574QD
Issued by: Environment Agency North East Region
Signed: [Signature]

SECTION D - WASTE DISPOSAL

- Trading name and address: OWEN PUGH AGGREGATES
- Address to which waste is delivered: HAYHOLE ROAD
- Waste management licence No.: NP3999VC
- Full name (BLOCK CAPITALS): TREVOR DODDS
Signed: T. Dodds Representing: O.P.A

Copies to: Pink - Producer / Green - Carrier / Yellow - Disposal Site

Owen Pugh and Company Ltd
DUTY OF CARE : WASTE TRANSFER NOTE

14255

SECTION A - DESCRIPTION OF WASTE

1. Describe the waste being transferred - EWC Code: 1.7.0.9.0.4
EWC Description: MIXED DEMO/CONCRETE
SIC Code: 4311
2. How is the waste contained? 8W 6W Skip
Other Please describe: _____
3. What is the quantity of waste (number of loads, weight, etc?) 3000

SECTION B - PRODUCER OF WASTE

1. Name of company: OWEN PUGH & CO
2. Address of company: CRAMLINGTON RD DUDLEY
3. Location of waste (if different to above): WILLIAM ST SOUTH SHIELDS
4. I confirm that the waste management hierarchy has been applied to the waste in Section A as required by Regulation 12 of the Waste (England & Wales) Regulations 2011 (Waste flow to confirm)
5. I certify below that the waste in Section A will be transferred to the carrier detailed in Section C
- Date of transfers FROM 27/3/14 TO 26/3/15
- Full Name: JOHN APPREST Signed: [Signature] Date: 27/3/14
(BLOCK CAPITALS)

SECTION C - WASTE CARRIER

1. Name and address of company: Owen Pugh & Co Ltd, Cramlington Road, Dudley, Northumberland, NE23 7PR
- Registered Waste Carrier Registration No: CB/YN5574QD
- Issued by: Environment Agency North East Region
- Signed: [Signature]

SECTION D - WASTE DISPOSAL

1. Trading name and address: OWEN PUGH AGGREGATES
2. Address to which waste is delivered: HAYHOLE ROAD
3. Waste management licence No.: NP3999VC
4. Full name (BLOCK CAPITALS): TREVOR DODDS
Signed: T. Dodds Representing: O.P.A

Copies to: Pink - Producer / Green - Carrier / Yellow - Disposal Site


Owen Pugh and Company Ltd
DUTY OF CARE : WASTE TRANSFER NOTE

14256

SECTION A - DESCRIPTION OF WASTE

- Describe the waste being transferred - EWC Code: 1.7.0.1.0.7
EWC Description: DEMOLITION HARDWARE
SIC Code: 4311
- How is the waste contained? 8W 6W Skip
Other Please describe: _____
- What is the quantity of waste (number of loads, weight, etc?) 3000m

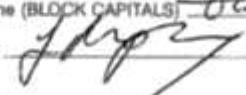
SECTION B - PRODUCER OF WASTE

- Name of company: OWEN PUGH & CO
- Address of company: CRAMLINGTON RD DUDLEY
- Location of waste (if different to above): WILIAM ST - SOUTH SHIELDS
- I confirm that the waste management hierarchy has been applied to the waste in Section A as required by Regulation 12 of the Waste (England & Wales) Regulations 2011 (please tick to confirm)
- I certify below that the waste in Section A will be transferred to the carrier detailed in Section C
Date of transfers FROM 31/3/14 TO 30/3/15
Full Name: JOHN APPRENT Signed:  Date: 31/3/14
(BLOCK CAPITALS)

SECTION C - WASTE CARRIER

- Name and address of company: Owen Pugh & Co Ltd, Cramlington Road, Dudley, Northumberland, NE23 7PR
- Registered Waste Carrier Registration No: CB7YN5574QD
Issued by: Environment Agency North East Region
Signed: _____

SECTION D - WASTE DISPOSAL

- Trading name and address: OWEN PUGH AGGREGATES
- Address to which waste is delivered: MARSDEN QUARRY, WHITBURN
- Waste management licence No.: BU 5119 1Q
- Full name (BLOCK CAPITALS): OWEN PUGH J. MURPHY
Signed:  Representing: OWEN PUGH

Copies to: Pink - Producer / Green - Carrier / Yellow - Disposal Site

Owen Pugh and Company Ltd
DUTY OF CARE : WASTE TRANSFER NOTE

14257

SECTION A - DESCRIPTION OF WASTE

1. Describe the waste being transferred - EWC Code: L.7.0.1.0.7
EWC Description: DEMO BRICK
SIC Code: 4311
2. How is the waste contained? 8W 6W Skip
Other Please describe: _____
3. What is the quantity of waste (number of loads, weight, etc?) 2000-

SECTION B - PRODUCER OF WASTE

1. Name of company: OWEN PUGH & CO
2. Address of company: CRAMLINGTON RD DUDLEY
3. Location of waste (if different to above): WILLIAM ST - SOUTH SHIELDS
4. I confirm that the waste management hierarchy has been applied to the waste in Section A as required by Regulation 12 of the Waste (England & Wales) Regulations 2011 Please tick in column A
5. I certify below that the waste in Section A will be transferred to the carrier detailed in Section C
- Date of transfers FROM 31/3/14 TO 30/3/15
- Full Name: JOHN ARREBY Signed: [Signature] Date: 31/3/14
(BLOCK CAPITALS)

SECTION C - WASTE CARRIER

1. Name and address of company: Owen Pugh & Co Ltd, Cramlington Road, Dudley, Northumberland, NE23 7PR
- Registered Waste Carrier Registration No: CB/YN5574QD
- Issued by: Environment Agency North East Region
- Signed: _____

SECTION D - WASTE DISPOSAL

1. Trading name and address [Signature]
2. Address to which waste is delivered: MARSHEN SEAMILL
3. Waste management licence No.: _____
4. Full name (BLOCK CAPITALS) JOHN NARRIS
Signed: [Signature] Representing: OWEN PUGH

Copies to: Pink - Producer / Green - Carrier / Yellow - Disposal Site

141002.

Owen Pugh and Company Ltd
DUTY OF CARE : WASTE TRANSFER NOTE

14380

SECTION A - DESCRIPTION OF WASTE

- Describe the waste being transferred - EWC Code: 1 7 0 9 0 4
EWC Description: DEMO/CONSI WASTE
SIC Code: 4311
- How is the waste contained? BW 6W Skip
Other Please describe: _____
- What is the quantity of waste (number of loads, weight, etc?) 10

SECTION B - PRODUCER OF WASTE

- Name of company: OWEN PUGH
- Address of company: GRAMINGTON RD DUDLEY.
- Location of waste (if different to above): WILLIAM ST SOUTH SHIELDS
- I confirm that the waste management hierarchy has been applied to the waste in Section A as required by Regulation 12 of the Waste (England & Wales) Regulations 2011
- I certify below that the waste in Section A will be transferred to the carrier detailed in Section C
Date of transfers FROM 11-2-14 TO 11-2-15
Full Name: STEVEN SMITH Signed: [Signature] Date: 11-2-14
(BLOCK CAPITALS)

SECTION C - WASTE CARRIER

- Name and address of company: Owen Pugh & Co Ltd, Gramington Road, Dudley, Northumberland, NE23 7PR
- Registered Waste Carrier Registration No: CB/YN5574QD
Issued by: Environment Agency North East Region
Signed: [Signature]

SECTION D - WASTE DISPOSAL

- Trading name and address: IMPETUS
- Address to which waste is delivered: DAVY BANK WALLSEND.
- Waste management licence No.: EPR/CB34340DY
- Full name (BLOCK CAPITALS) _____
Signed: [Signature] Representing: _____

Copies to: Pink - Producer / Green - Carrier / Yellow - Disposal Site

Owen Pugh and Company Ltd
DUTY OF CARE : WASTE TRANSFER NOTE

14385

SECTION A - DESCRIPTION OF WASTE

1. Describe the waste being transferred - EWC Code: 1.7.0.4.0.5
EWC Description: SCRAP METAL
SIC Code: 6311
2. How is the waste contained? 8W 6W Skip
Other Please describe: _____
3. What is the quantity of waste (number of loads, weight, etc?) 5

SECTION B - PRODUCER OF WASTE

1. Name of company: OWEN PUGH
2. Address of company: CRAMLINGTON RD DUDLEY
3. Location of waste (if different to above): WILLIAM ST SOUTH SHEFFS
4. I confirm that the waste management hierarchy has been applied to the waste in Section A as required by Regulation 12 of the Waste (England & Wales) Regulations 2011 Please tick to confirm
5. I certify below that the waste in Section A will be transferred to the carrier detailed in Section C
Date of transfers FROM 21-2-14 TO 21-2-15
Full Name: JOHN ARLEY Signed: [Signature] Date: 21-2-14
(BLOCK CAPITALS)

SECTION C - WASTE CARRIER

1. Name and address of company: Owen Pugh & Co Ltd, Cramlington Road, Dudley, Northumberland, NE23 7PR
- Registered Waste Carrier Registration No: CB/YN5574QD
Issued by: Environment Agency North East Region
- Signed: [Signature]

SECTION D - WASTE DISPOSAL

1. Trading name and address: JABB METALS
2. Address to which waste is delivered: STATION RD WALKER
3. Waste management licence No.: EA/ML 67476
4. Full name (BLOCK CAPITALS) _____
Signed: [Signature] Representing: _____

Copies to: Pink - Producer / Green - Carrier / Yellow - Disposal Site

Owen Pugh and Company Ltd
DUTY OF CARE : WASTE TRANSFER NOTE

14389

SECTION A - DESCRIPTION OF WASTE

- Describe the waste being transferred - EWC Code: 1-7-0-2-0-1
EWC Description: WOOD
SIC Code: 4211
- How is the waste contained? BW 6W Skip
Other Please describe: _____
- What is the quantity of waste (number of loads, weight, etc?) 10

SECTION B - PRODUCER OF WASTE

- Name of company: OWEN PUGH
- Address of company: CRAMLINGTON RD DUDLEY
- Location of waste (if different to above): WILLIAM ST SOUTH SHIELDS
- I confirm that the waste management hierarchy has been applied to the waste in Section A as required by Regulation 12 of the Waste (England & Wales) Regulations 2011 Please tick to confirm
- I certify below that the waste in Section A will be transferred to the carrier detailed in Section C
Date of transfers FROM 7-3-14 TO 7-3-15
Full Name: D.M. BURST Signed: [Signature] Date: 7-3-14
(BLOCK CAPITALS)

SECTION C - WASTE CARRIER

- Name and address of company: Owen Pugh & Co Ltd, Cramlington Road, Dudley, Northumberland, NE23 7PR
- Registered Waste Carrier Registration No: CB/YN55740D
Issued by: Environment Agency North East Region
Signed: [Signature]

SECTION D - WASTE DISPOSAL

- Trading name and address: ELLINGTON WOOD PROCESSOR
- Address to which waste is delivered: ELLINGTON ROAD LAMPF, (SITA)
- Waste management licence No.: _____
- Full name (BLOCK CAPITALS) J THOMAS
Signed: [Signature] Representing: SITA

Copies to: Pink - Producer / Green - Carrier / Yellow - Disposal Site

Owen Pugh and Company Ltd
DUTY OF CARE : WASTE TRANSFER NOTE

14391

SECTION A - DESCRIPTION OF WASTE

1. Describe the waste being transferred - EWC Code: 1-7-0-1-0-2
EWC Description: BRICKS
SIC Code: 4311
2. How is the waste contained? 8W 6W Skip
Other Please describe: _____
3. What is the quantity of waste (number of loads, weight, etc?) 10

SECTION B - PRODUCER OF WASTE

1. Name of company: OWEN PUGH
2. Address of company: CRAMLINGTON RD DUDLEY
3. Location of waste (if different to above): WILLIAM ST SOUTH SHIELDS
4. I confirm that the waste management hierarchy has been applied to the waste in Section A as required by Regulation 12 of the Waste (England & Wales) Regulations 2011
5. I certify below that the waste in Section A will be transferred to the carrier detailed in Section C
- Date of transfers FROM 13-3-14 TO 13-3-15
- Full Name: LEONARD REED Signed: [Signature] Date: 13-3-14
(BLOCK CAPITALS)

SECTION C - WASTE CARRIER

1. Name and address of company: Owen Pugh & Co Ltd, Cramlington Road, Dudley, Northumberland, NE23 7PR
- Registered Waste Carrier Registration No: CB/YN5574QD
- Issued by: Environment Agency North East Region
- Signed: [Signature]

SECTION D - WASTE DISPOSAL

1. Trading name and address LAKEIDE RECLAMATION
2. Address to which waste is delivered: FALLING
3. Waste management licence No.: _____
4. Full name (BLOCK CAPITALS) _____
Signed: [Signature] Representing: _____

Copies to: Pink - Producer / Green - Carrier / Yellow - Disposal Site

Appendix A

Landmark Envirocheck Report

Index Map

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

Slice

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

Segment

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

Quadrant

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

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

Client Details

C Novis, Ove Arup & Partners International Ltd, Central Square, Forth Street, Newcastle Upon Tyne, NE1 3PL

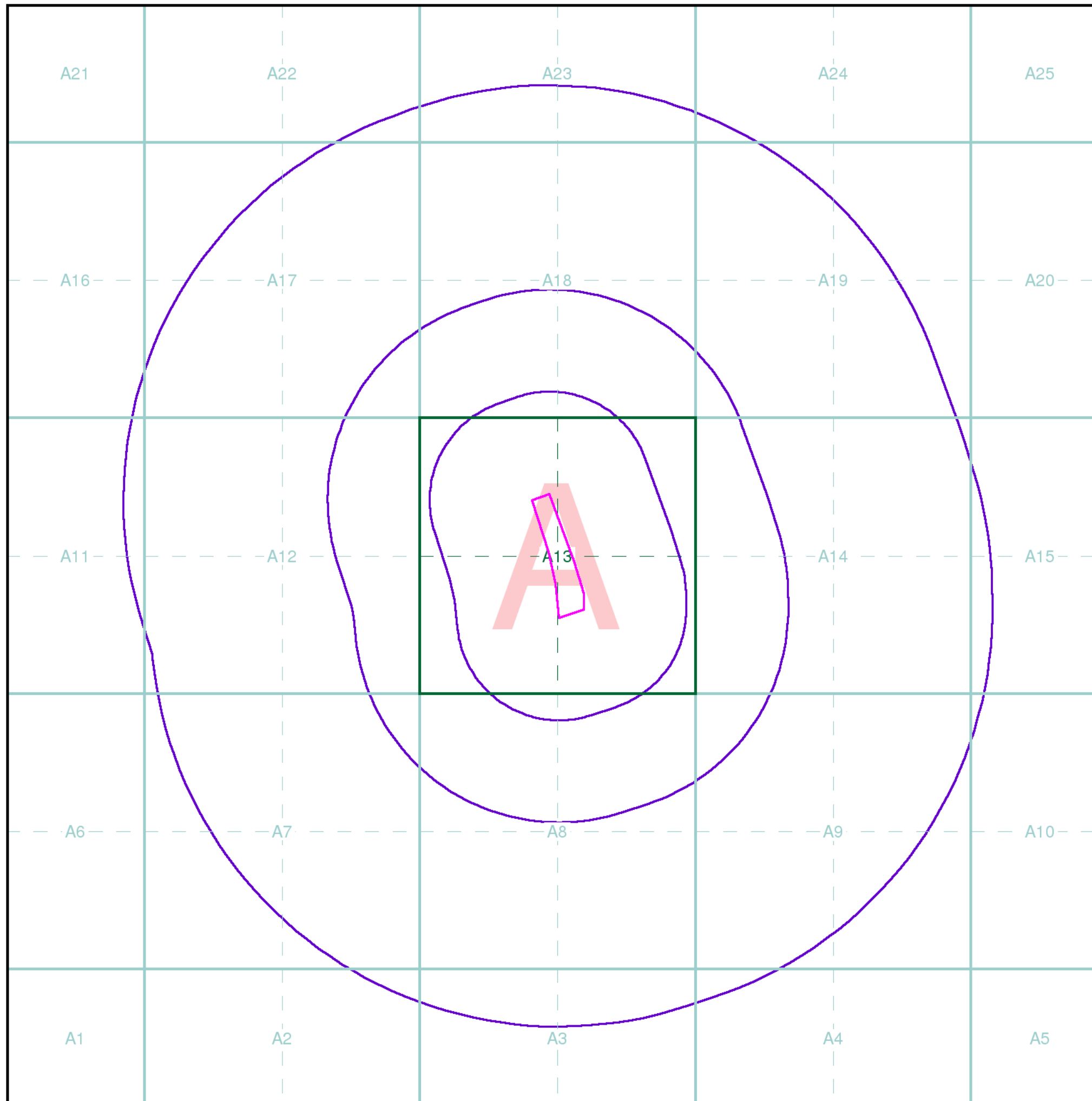
Order Details

Order Number: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436350, 567180
 Site Area (Ha): 1.63
 Search Buffer (m): 1000

Site Details

27, East Smithy Street, South Shields, NE33 1BT

Full Terms and Conditions can be found on the following link:
<http://www.landmarkinfo.co.uk/Terms/Show/430>



Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

47921799_1_1

Customer Reference:

South Shields Metro

National Grid Reference:

436340, 567190

Slice:

A

Site Area (Ha):

1.63

Search Buffer (m):

1000

Site Details:

27, East Smithy Street

South Shields

NE33 1BT

Client Details:

C Novis

Ove Arup & Partners International Ltd

Central Square

Forth Street

Newcastle Upon Tyne

NE1 3PL

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	35
Hazardous Substances	41
Geological	42
Industrial Land Use	76
Sensitive Land Use	-
Data Currency	91
Data Suppliers	95
Useful Contacts	96

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 v47.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1			13	92
Enforcement and Prohibition Notices					
Integrated Pollution Controls	pg 27				6
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 28		2	1	12
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 30			Yes	
Pollution Incidents to Controlled Waters	pg 30			4	16
Prosecutions Relating to Authorised Processes	pg 33				1
Prosecutions Relating to Controlled Waters					
Registered Radioactive Substances	pg 33			1	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 34	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 34	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 34	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 34		Yes	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
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 35			1	2
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 35				1
Licensed Waste Management Facilities (Locations)	pg 35			3	5
Local Authority Recorded Landfill Sites					
Registered Landfill Sites	pg 38			1	1
Registered Waste Transfer Sites	pg 39				1
Registered Waste Treatment or Disposal Sites	pg 39		1		3

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)	pg 41		1		
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)	pg 41		1		
Planning Hazardous Substance Consents	pg 41		2		1
Planning Hazardous Substance Enforcements					
Geological					
BGS 1:625,000 Solid Geology	pg 42	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 42	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 72		3	3	3
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
Brine Compensation Area			n/a	n/a	n/a
Coal Mining Affected Areas	pg 74	Yes	n/a	n/a	n/a
Mining Instability	pg 74	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 74	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 74	Yes	Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 74	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 74	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 75	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 76	4	52	33	81
Fuel Station Entries	pg 90		1	1	

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
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					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>Discharge Consents</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 Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NE (NW)	320	1	435970 567400
2	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Others 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: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A12NE (W)	364	1	435930 567230
2	<p>Discharge Consents</p> <p>Operator: Redundant - Northumbrian Water Ltd Property Type: Trade (Unknown/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: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12NE (W)	374	1	435920 567230
3	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: Harton Low Staithes Cso Near Grass Field And Footpath To, Ferry Terminal, 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: 1st December 2010 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Saline Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12SE (W)	413	1	435920 567100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: Harton Low Staithees Cso Near Grass Field And Footpath To, Ferry Terminal, South Shields, South Tyneside Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1908 Permit Version: 2 Effective Date: 2nd December 2010 Issued Date: 25th January 2005 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Saline Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12SE (W)	413	1	435920 567100
3	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: Harton Low Staithees Cso Near Grass Field And Footpath To, Ferry Terminal, 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: Receiving Water: Tyne Saline Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12SE (W)	413	1	435920 567100
3	<p>Discharge Consents</p> <p>Operator: Redundant - Northumbrian Water Ltd Property Type: Trade (Unknown/Other) Location: Harton Low Staithees North - B6, South Shields Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0134 Permit Version: 1 Effective Date: 5th June 1987 Issued Date: 5th June 1987 Revocation Date: 10th December 1992 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12SE (W)	419	1	435910 567110
3	<p>Discharge Consents</p> <p>Operator: Redundant - Northumbrian Water Ltd Property Type: Trade (Unknown/Other) Location: Harton Low Staithees 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: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12SE (W)	419	1	435910 567110

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: King Street Cso, South Shields, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1904 Permit Version: 1 Effective Date: 24th January 2005 Issued Date: 24th January 2005 Revocation Date: 1st April 2010 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12SE (W)	425	1	435910 567090
3	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Harton Low Staithes Pumping Station, South Shields, South Tyneside Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1638 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 Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12SE (W)	425	1	435910 567090
3	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: Harton Low Staithes Cso, South Shields, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1169 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 Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12SE (W)	425	1	435910 567090
3	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: King Street Cso, South Shields, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1170 Permit Version: 1 Effective Date: 7th September 1992 Issued Date: 7th September 1992 Revocation Date: 24th January 2005 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A12SE (W)	425	1	435910 567090

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	<p>Discharge Consents</p> <p>Operator: Redundant - Northumbrian Water Ltd Property Type: Sewerage Network - Sewers - Water Company Location: Harton Low Staithees Cso, South Shields, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0022 Permit Version: 1 Effective Date: 18th February 1987 Issued Date: 18th February 1987 Revocation Date: 7th September 1992 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12SE (W)	425	1	435910 567090
4	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: Tudor Road Cso Near Police Hq & Magistrates Ct, Tudor Road, South Shields, Tyne & Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1905 Permit Version: 1 Effective Date: 24th January 2005 Issued Date: 24th January 2005 Revocation Date: 1st December 2010 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12SE (SW)	524	1	435840 566910
4	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Coronation Street Pumping Station, South Shields, Tyne & 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: Receiving Water: Tyne Estuary Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 10m</p>	A12SE (SW)	524	1	435840 566910
4	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Coronation Street Pumping Station, South Shields, Tyne & 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: Receiving Water: Tyne Estuary Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 10m</p>	A12SE (SW)	524	1	435840 566910

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: Harton Low Staithes (Mill Dam) Cso, South Shields, South Tyneside Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1907 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: Receiving Water: Tyne Saline Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12SE (SW)	524	1	435840 566910
4	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: Tudor Road Cso Near Police Hq & Magistrates Ct, Tudor Road, South Shields, Tyne & Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1905 Permit Version: 2 Effective Date: 2nd December 2010 Issued Date: 24th January 2005 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12SE (SW)	524	1	435840 566910
4	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Harton Low Staithes Pumping Station, South Shields, South Tyneside Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1638 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 Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12SE (SW)	524	1	435840 566910
4	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: Harton Low Staithes (Mill Dam) Cso, South Shields, South Tyneside Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1636 Permit Version: 1 Effective Date: 19th January 1999 Issued Date: 19th January 1999 Revocation Date: 24th January 2005 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Saline Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12SE (SW)	524	1	435840 566910

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Trade (Unknown/Other) Location: Harton Low Staithes (Mill Dam), South Shields, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1408 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: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A12SE (SW)	524	1	435840 566910
4	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Coronation Street Pumping Station, South Shields, Tyne & 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: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12SE (SW)	524	1	435840 566910
4	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Coronation Street Pumping Station, South Shields, Tyne & 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: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12SE (SW)	524	1	435840 566910
4	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Trade (Unknown/Other) Location: Harton Low Staithes (Mill Dam), South Shields, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1172 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: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12SE (SW)	524	1	435840 566910

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: Tudor Road Cso Near Police Hq & Magistrates Ct, Tudor Road, South Shields, Tyne & Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1171 Permit Version: 1 Effective Date: 2nd September 1992 Issued Date: 2nd September 1992 Revocation Date: 24th January 2005 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12SE (SW)	524	1	435840 566910
4	<p>Discharge Consents</p> <p>Operator: Redundant - Northumbrian Water Ltd Property Type: Trade (Unknown/Other) Location: Harton Low Staithes (Mill Dam), South Shields, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0082 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 Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12SE (SW)	524	1	435840 566910
4	<p>Discharge Consents</p> <p>Operator: Redundant - Northumbrian Water Ltd Property Type: Trade (Unknown/Other) Location: Harton Low Staithes (Mill Dam), South Shields, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0023 Permit Version: 1 Effective Date: 18th February 1987 Issued Date: 18th February 1987 Revocation Date: 2nd September 1992 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12SE (SW)	524	1	435840 566910
4	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Coronation St Cso, 10 Coronation St, South Shields, Newcastle Upon Tyne, Ne33 1az Authority: Environment Agency, North East Region Catchment Area: South Tyne; Allen; Nent Reference: Eprbp3720xy Permit Version: 1 Effective Date: 14th June 2010 Issued Date: 14th June 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Tyne Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12SE (SW)	527	1	435837 566907

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Trade (Unknown/Other) Location: Dalton Lane Police Station, Mill Dam, South Shields, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1383 Permit Version: 1 Effective Date: 20th April 1993 Issued Date: 20th April 1993 Revocation Date: 9th March 1999 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A12SE (SW)	551	1	435820 566880
5	<p>Discharge Consents</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 Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	572	1	435910 567760
5	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Trade (Unknown/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 Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	572	1	435910 567760
5	<p>Discharge Consents</p> <p>Operator: Redundant - Northumbrian Water Ltd Property Type: Trade (Unknown/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 Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	572	1	435910 567760

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Trade (Unknown/Other) Location: Dalton Lane Depot, Mill Dam, South Shields, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1380 Permit Version: 1 Effective Date: 29th April 1993 Issued Date: 29th April 1993 Revocation Date: 29th September 1998 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A7NE (SW)	573	1	435810 566840
7	<p>Discharge Consents</p> <p>Operator: Redundant - Northumbrian Water Ltd Property Type: Trade (Unknown/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 Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	625	1	435960 567860
7	<p>Discharge Consents</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 Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	630	1	435950 567860
7	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Trade (Unknown/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 Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	630	1	435950 567860

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	<p>Discharge Consents</p> <p>Operator: South Tyneside College Property Type: Trade (Unknown/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: Receiving Water: River Tyne Saline Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A17NE (NW)	654	1	435970 567900
8	<p>Discharge Consents</p> <p>Operator: Places For People Property Type: Sewerage Network - Pumping Station - Others Location: Smiths Dock Sewage Pumping Station, Smiths Dock, North Shields, Tyne & Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/2010 Permit Version: 1 Effective Date: 25th July 2007 Issued Date: 25th July 2007 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (W)	729	1	435560 567430
9	<p>Discharge Consents</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: 2 Effective Date: 1st April 2010 Issued Date: 1st April 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Saline Estuary Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A18NW (N)	731	1	436251 568067
9	<p>Discharge Consents</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: 31st March 2010 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Saline Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A18NW (N)	734	1	436250 568070

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	Discharge Consents 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: Receiving Water: Tyne Saline Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m	A18NW (N)	734	1	436250 568070
9	Discharge Consents Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Others 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: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m	A18NW (N)	734	1	436250 568070
9	Discharge Consents Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Others 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: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m	A18NW (N)	734	1	436250 568070
9	Discharge Consents Operator: Redundant - Northumbrian Water Ltd Property Type: Sewerage Network - Sewers - Others 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: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m	A18NW (N)	734	1	436250 568070

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Trade (Unknown/Other) Location: An Outfall At Bull Ring Docks, North Shields, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1354 Permit Version: 1 Effective Date: 6th November 1995 Issued Date: 6th November 1995 Revocation Date: 3rd August 2000 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12NW (NW)	738	1	435570 567520
10	<p>Discharge Consents</p> <p>Operator: Redundant - Northumbrian Water Ltd Property Type: Trade (Unknown/Other) Location: An Outfall At Bull Ring Docks, North Shields, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0059 Permit Version: 1 Effective Date: 9th April 1987 Issued Date: 9th April 1987 Revocation Date: 6th November 1995 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12NW (NW)	738	1	435570 567520
10	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Burdon Main Row Pumping Station, North Shields, Tyne & Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1753 Permit Version: 1 Effective Date: 21st February 2000 Issued Date: 21st February 2000 Revocation Date: 21st December 2006 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Saline Estuary Environment: Receiving Water: River Tyne Saline Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12NW (W)	745	1	435560 567510
10	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Burdon Main Row Pumping Station, North Shields, Tyne & Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1753 Permit Version: 1 Effective Date: 21st February 2000 Issued Date: 21st February 2000 Revocation Date: 21st December 2006 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: River Tyne Saline Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12NW (W)	745	1	435560 567510

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	<p>Discharge Consents</p> <p>Operator: Plant Services (Gateshead) Ltd Property Type: Other Mach & Mech Equipment Location: Plant Services (Gateshead) Ltd, South Shields, Tyne And Wear, Ne33 1lh 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: Receiving Water: Tyne Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A18NE (N)	764	1	436400 568100
12	<p>Discharge Consents</p> <p>Operator: Plant Services (Gateshead) Ltd Property Type: Other Mach & Mech Equipment Location: Plant Services (Gateshead) Ltd, South Shields, Tyne And Wear, Ne33 1lh 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: Receiving Water: Tyne Estuary Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 10m</p>	A18NW (N)	770	1	436310 568110
13	<p>Discharge Consents</p> <p>Operator: Plant Services (Gateshead) Ltd Property Type: Trade (Unknown/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 Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A18NW (N)	770	1	436200 568100
14	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: Burdon Main Row, Smiths Dock, North Shields, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/2006 Permit Version: 1 Effective Date: 21st December 2006 Issued Date: 21st December 2006 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A17SW (NW)	782	1	435590 567690

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	<p>Discharge Consents</p> <p>Operator: Redundant - Northumbrian Water Ltd Property Type: Trade (Unknown/Other) Location: Howdon Road/Coach Lane - A14/102, North Shields, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0061 Permit Version: 1 Effective Date: 9th April 1987 Issued Date: 9th April 1987 Revocation Date: 10th February 1994 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A17SW (NW)	788	1	435600 567720
14	<p>Discharge Consents</p> <p>Operator: Redundant - Northumbrian Water Ltd Property Type: Trade (Unknown/Other) Location: Howdon Road/Coach Lane - A14/102, North Shields, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0034 Permit Version: 1 Effective Date: 11th February 1987 Issued Date: 11th February 1987 Revocation Date: 8th July 1992 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A17SW (NW)	788	1	435600 567720
15	<p>Discharge Consents</p> <p>Operator: Port Of Tyne Authority Property Type: Sewage Disposal Works - Other Location: Offices Of Lep International/Fred O, North Shields, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1120 Permit Version: 1 Effective Date: 23rd April 1992 Issued Date: 23rd April 1992 Revocation Date: 5th December 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A12NW (W)	782	1	435500 567300
15	<p>Discharge Consents</p> <p>Operator: Port Of Tyne Authority Property Type: Sewage Disposal Works - Other Location: Offices Of Lep International/Fred O, North Shields, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/B/0248 Permit Version: 1 Effective Date: 7th June 1979 Issued Date: 7th June 1979 Revocation Date: 1st April 1992 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12NW (W)	782	1	435500 567300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Trade (Unknown/Other) Location: Harton Low Staithes (Middle Dock) S, South Shields, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1174 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 Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A7NW (SW)	791	1	435670 566630
16	<p>Discharge Consents</p> <p>Operator: Redundant - Northumbrian Water Ltd Property Type: Trade (Unknown/Other) Location: Harton Low Staithes (Middle Dock) S, South Shields, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0083 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 Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	791	1	435670 566630
16	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: East Holborn Pumping Station, South Shields, South Tyneside Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1646 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 Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	796	1	435670 566620
16	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: East Holborn East Cso, South Shields, South Tyneside Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1645 Permit Version: 1 Effective Date: 7th August 1998 Issued Date: 7th August 1998 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Saline Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	796	1	435670 566620

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: East Holborn West Cso, South Shields, South Tyneside Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1644 Permit Version: 1 Effective Date: 7th August 1998 Issued Date: 7th August 1998 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Saline Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	796	1	435670 566620
16	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: East Holborn Septic Tank, South Shields, South Tyneside Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1647 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 Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	796	1	435670 566620
17	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Trade (Unknown/Other) Location: An Outfall At Ferry Landing/Duke St, Newcastle Upon Tyne Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1355 Permit Version: 1 Effective Date: 6th November 1995 Issued Date: 6th November 1995 Revocation Date: 14th January 1998 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m</p>	A17SW (NW)	801	1	435550 567650
18	<p>Discharge Consents</p> <p>Operator: Redundant - Northumbrian Water Ltd Property Type: Trade (Unknown/Other) Location: Ferry Landing Duke Street, North Shields, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0060 Permit Version: 1 Effective Date: 9th April 1987 Issued Date: 9th April 1987 Revocation Date: 6th November 1995 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m</p>	A17SW (NW)	806	1	435610 567770

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Trade (Unknown/Other) Location: An Outfall At Ferry Landing/Borough, North Shields Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1352 Permit Version: 1 Effective Date: 6th November 1995 Issued Date: 6th November 1995 Revocation Date: 14th January 1998 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A17SW (NW)	818	1	435630 567820
19	<p>Discharge Consents</p> <p>Operator: Redundant - Northumbrian Water Ltd Property Type: Trade (Unknown/Other) Location: Adjacent Ferry Landing Borough Road, North Shields, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0057 Permit Version: 1 Effective Date: 9th April 1987 Issued Date: 9th April 1987 Revocation Date: 6th November 1995 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A17SW (NW)	818	1	435630 567820
19	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: New Quay Cso, North Shields, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1903 Permit Version: 2 Effective Date: 5th July 2010 Issued Date: 5th July 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A17NW (NW)	840	1	435660 567890
19	<p>Discharge Consents</p> <p>Operator: Redundant - Northumbrian Water Ltd Property Type: Trade (Unknown/Other) Location: Borough Road, North Shields, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0058 Permit Version: 1 Effective Date: 9th April 1987 Issued Date: 9th April 1987 Revocation Date: 10th February 1994 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A17NW (NW)	840	1	435670 567900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	<p>Discharge Consents</p> <p>Operator: Redundant - Northumbrian Water Ltd Property Type: Trade (Unknown/Other) Location: Prudhoe Street/Borough Road - A16/1, North Shields Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0035 Permit Version: 1 Effective Date: 11th February 1987 Issued Date: 11th February 1987 Revocation Date: 8th July 1992 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A17NW (NW)	840	1	435660 567890
19	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: New Quay Cso, North Shields, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1903 Permit Version: 1 Effective Date: 24th January 2005 Issued Date: 24th January 2005 Revocation Date: 5th July 2010 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A17NW (NW)	850	1	435630 567870
19	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: New Quay Cso, North Shields, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1033 Permit Version: 1 Effective Date: 9th November 1990 Issued Date: 9th November 1990 Revocation Date: 24th January 2005 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A17NW (NW)	850	1	435630 567870
19	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: Bedford Street Sso, North Shields, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1049 Permit Version: 1 Effective Date: 9th November 1990 Issued Date: 9th November 1990 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Transferred from Water Act 1989 Positional Accuracy: Located by supplier to within 10m</p>	A17NW (NW)	850	1	435630 567870

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: Howdon Road Cso, Wallsend, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1899 Permit Version: 2 Effective Date: 5th July 2010 Issued Date: 5th July 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tyne, Tributary Of Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	822	1	435480 567140
20	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Trade (Unknown/Other) Location: Outfall At Dock Road South, North Shields, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1348 Permit Version: 1 Effective Date: 6th November 1995 Issued Date: 6th November 1995 Revocation Date: 3rd August 2000 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	822	1	435480 567140
20	<p>Discharge Consents</p> <p>Operator: Redundant - Northumbrian Water Ltd Property Type: Trade (Unknown/Other) Location: Outfall At Dock Road South, North Shields, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0053 Permit Version: 1 Effective Date: 9th April 1987 Issued Date: 9th April 1987 Revocation Date: 6th November 1995 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	822	1	435480 567140
21	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Pilot Street Pumping Station South Shields Watersports Centre, River Drive, South Shields, Tyne & Wear, Ne33 1lh Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/0076 Permit Version: 2 Effective Date: 1st April 2010 Issued Date: 31st March 2010 Revocation Date: 1st December 2010 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A19NW (NE)	834	1	436725 568072

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Pilot Street Pumping Station South Shields Watersports Centre, River Drive, South Shields, Tyne & Wear, Ne33 1lh Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/0076 Permit Version: 3 Effective Date: 2nd December 2010 Issued Date: 31st March 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A19NW (NE)	834	1	436725 568072
22	<p>Discharge Consents</p> <p>Operator: Redundant - Northumbrian Water Ltd Property Type: Trade (Unknown/Other) Location: South Of T Young Clive Street, North Shields, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/X/0055 Permit Version: 1 Effective Date: 9th April 1987 Issued Date: 9th April 1987 Revocation Date: 30th December 1996 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A17NE (NW)	899	1	435700 568010
22	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Ltd Property Type: Undefined Or Other Location: Shepherds Quay, NORTH SHIELDS Authority: Environment Agency, North East Region Catchment Area: Not Given Reference: 235/1350 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Crude Effluent Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A17NE (NW)	909	1	435690 568015
22	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Trade (Unknown/Other) Location: Shepherds Quay, North Shields Authority: Environment Agency, North East Region Catchment Area: Not Given Reference: 235/1350 Permit Version: 1 Effective Date: 30th December 1996 Issued Date: 30th December 1996 Revocation Date: 14th January 1998 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A17NE (NW)	913	1	435690 568020

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Pumping Station - Water Company 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: Receiving Water: Tyne Estuary Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m</p>	A18NE (N)	903	1	436600 568200
23	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Pilot Street Pumping Station South Shields Watersports Centre, River Drive, South Shields, Tyne & Wear, Ne33 1lh Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/0076 Permit Version: 2 Effective Date: 1st April 2010 Issued Date: 31st March 2010 Revocation Date: 1st December 2010 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A23SE (N)	950	1	436629 568240
23	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Pilot Street Pumping Station South Shields Watersports Centre, River Drive, South Shields, Tyne & Wear, Ne33 1lh Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/0076 Permit Version: 2 Effective Date: 1st April 2010 Issued Date: 31st March 2010 Revocation Date: 1st December 2010 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A23SE (N)	950	1	436629 568240
23	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Pilot Street Pumping Station South Shields Watersports Centre, River Drive, South Shields, Tyne & Wear, Ne33 1lh Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/0076 Permit Version: 3 Effective Date: 2nd December 2010 Issued Date: 31st March 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A23SE (N)	950	1	436629 568240

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Pilot Street Pumping Station South Shields Watersports Centre, River Drive, South Shields, Tyne & Wear, Ne33 1lh Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/0076 Permit Version: 3 Effective Date: 2nd December 2010 Issued Date: 31st March 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A23SE (N)	950	1	436629 568240
23	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Pilot Street Pumping Station South Shields Watersports Centre, River Drive, South Shields, Tyne & Wear, Ne33 1lh 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: 31st March 2010 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Status: Transferred from Water Act 1989 Positional Accuracy: Located by supplier to within 100m</p>	A23SE (N)	950	1	436630 568240
23	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Pilot Street Pumping Station South Shields Watersports Centre, River Drive, South Shields, Tyne & Wear, Ne33 1lh 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: 31st March 2010 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Status: Transferred from Water Act 1989 Positional Accuracy: Located by supplier to within 10m</p>	A23SE (N)	950	1	436630 568240
23	<p>Discharge Consents</p> <p>Operator: Redundant - Northumbrian Water Ltd Property Type: Sewerage Network - Pumping Station - Water Company Location: Pilot Street Pumping Station South Shields Watersports Centre, River Drive, South Shields, Tyne & Wear, Ne33 1lh 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: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A23SE (N)	950	1	436630 568240

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Ltd Property Type: Undefined Or Other Location: North East Of Rubber Co Outfall, NORTH SHIELDS Authority: Environment Agency, North East Region Catchment Area: Not Given Reference: 235/1351 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Crude Effluent Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A17NE (NW)	918	1	435725 568055
24	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Trade (Unknown/Other) Location: North East Of Rubber Co Outfall, North Shields Authority: Environment Agency, North East Region Catchment Area: Not Given Reference: 235/1351 Permit Version: 1 Effective Date: 6th November 1996 Issued Date: 6th November 1996 Revocation Date: 14th January 1998 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A17NE (NW)	925	1	435720 568060
24	<p>Discharge Consents</p> <p>Operator: Redundant - Northumbrian Water Ltd Property Type: Trade (Unknown/Other) Location: North East Of Rubber Co Outfall, North Shields Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/X/0056 Permit Version: 1 Effective Date: 9th April 1987 Issued Date: 9th April 1987 Revocation Date: 6th November 1996 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A17NE (NW)	925	1	435720 568060
25	<p>Discharge Consents</p> <p>Operator: Unknown, Property Type: Trade (Unknown/Other) Location: Port Of Tyne - Albert Edward Dock E, North Shields Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0304 Permit Version: 1 Effective Date: 24th July 1987 Issued Date: 24th July 1987 Revocation Date: 3rd May 1991 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	926	1	435400 567040

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	<p>Discharge Consents</p> <p>Operator: Redundant - Northumbrian Water Ltd Property Type: Trade (Unknown/Other) Location: Bedford Street - Smiths Repair Yard, North Shields Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0278 Permit Version: 1 Effective Date: 16th July 1987 Issued Date: 16th July 1987 Revocation Date: 10th February 1994 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A17NE (NW)	935	1	435760 568100
26	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: Bedford Street Cso, North Shields, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1910 Permit Version: 1 Effective Date: 25th January 2005 Issued Date: 25th January 2005 Revocation Date: 4th July 2010 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A17NE (NW)	957	1	435750 568120
26	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: Bedford Street Sso, North Shields, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1032 Permit Version: 1 Effective Date: 9th November 1990 Issued Date: 9th November 1990 Revocation Date: 25th January 2005 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A17NE (NW)	957	1	435750 568120
26	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: Bedford Street Sso, North Shields, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1049 Permit Version: 1 Effective Date: 9th November 1990 Issued Date: 9th November 1990 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Transferred from Water Act 1989 Positional Accuracy: Located by supplier to within 10m</p>	A17NE (NW)	957	1	435750 568120

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
27	<p>Discharge Consents</p> <p>Operator: Port Of Tyne Authority Property Type: Trade (Unknown/Other) Location: Outfall No 12, Tyne Commission, North Shields Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1076 Permit Version: 1 Effective Date: 21st May 1991 Issued Date: 21st May 1991 Revocation Date: 11th September 2001 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne (Tidal) Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A12SW (W)	953	1	435400 566940
27	<p>Discharge Consents</p> <p>Operator: Unknown, Property Type: Trade (Unknown/Other) Location: Outfall No 12, Tyne Commission, North Shields Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0307 Permit Version: 1 Effective Date: 24th July 1987 Issued Date: 24th July 1987 Revocation Date: 21st May 1991 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	953	1	435400 566940
28	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Trade (Unknown/Other) Location: An Outfall At Ice Factory Liddle St, North Shields, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1349 Permit Version: 1 Effective Date: 6th November 1995 Issued Date: 6th November 1995 Revocation Date: 3rd August 2000 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A17NE (NW)	954	1	435840 568170
28	<p>Discharge Consents</p> <p>Operator: Redundant - Northumbrian Water Ltd Property Type: Trade (Unknown/Other) Location: Adjacent Ice Factory Liddel Street, North Shields Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0054 Permit Version: 1 Effective Date: 9th April 1987 Issued Date: 9th April 1987 Revocation Date: 6th November 1995 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A17NE (NW)	958	1	435850 568180

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	<p>Discharge Consents</p> <p>Operator: Tynemouth Ice Limited Property Type: Trade (Unknown/Other) Location: Tynemouth Ice Factory, Bell Street, North Shields Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1718 Permit Version: 1 Effective Date: 4th November 1999 Issued Date: 4th November 1999 Revocation Date: 31st March 2004 Discharge Type: Trade Discharges - Cooling Water Discharge: Saline Estuary Environment: Receiving Water: River Tyne Saline Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A22SE (NW)	970	1	435910 568220
30	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: Howdon Road Cso, Wallsend, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1899 Permit Version: 1 Effective Date: 24th January 2005 Issued Date: 24th January 2005 Revocation Date: 5th July 2010 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tyne, Tributary Of Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A11SE (W)	989	1	435310 567140
30	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: Howdon Road Cso, Wallsend, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/X/0033 Permit Version: 1 Effective Date: 11th February 1987 Issued Date: 11th February 1987 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Transferred from COPA 1974 Positional Accuracy: Located by supplier to within 100m</p>	A11SE (W)	989	1	435310 567140
31	<p>Discharge Consents</p> <p>Operator: Port Of Tyne Authority Property Type: Trade (Unknown/Other) Location: Outfall No 4, Tyne Commission Quay, North Shields, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1074 Permit Version: 1 Effective Date: 21st May 1991 Issued Date: 21st May 1991 Revocation Date: 11th September 2001 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne (Tidal) Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A7NW (SW)	997	1	435390 566760

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	<p>Discharge Consents</p> <p>Operator: Unknown, Property Type: Trade (Unknown/Other) Location: Outfall No 4, Tyne Commission Quay, North Shields, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0299 Permit Version: 1 Effective Date: 24th July 1987 Issued Date: 24th July 1987 Revocation Date: 21st May 1991 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	997	1	435390 566760
32	<p>Integrated Pollution Controls</p> <p>Name: Crompton Eternacell 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 Status: Application since found to be exempt from IPCExempt Positional Accuracy: Unknown</p>	A18NW (N)	710	1	436228 568044
33	<p>Integrated Pollution Controls</p> <p>Name: Tyne Dock Engineering Ltd Location: Po Box 7 Hill Street, SOUTH SHIELDS, Tyne And Wear, NE33 1RN Authority: Environment Agency, North East Region Permit Reference: BD4295 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 6.5 A (A) Coating processes and Printing within Miscellaneous Industries Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the road within the address or location</p>	A7SE (SW)	790	1	435796 566471
33	<p>Integrated Pollution Controls</p> <p>Name: Tyne Dock Engineering Ltd Location: P O Box 7, Hill Street, SOUTH SHIELDS, Tyne And Wear, NE33 1RN Authority: Environment Agency, North East Region Permit Reference: AU6889 Dated: 11th September 1996 Process Type: IPC new application Description: 6.5 A (A) Coating processes and Printing within Miscellaneous Industries Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the road within the address or location</p>	A7SE (SW)	794	1	435796 566466
34	<p>Integrated Pollution Controls</p> <p>Name: Tyne Dock Engineering Ltd Location: PO Box 7, Hill Street, SOUTH SHIELDS, Tyne and Wear, NE33 1RN Authority: Environment Agency, North East Region Permit Reference: BF5926 Dated: 1st March 2000 Process Type: IPC minor (non-substantial) variation to previous variation Description: 6.5 A (A) Coating processes and Printing within Miscellaneous Industries Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the road within the address or location</p>	A7NE (SW)	805	1	435718 566536
35	<p>Integrated Pollution Controls</p> <p>Name: A And P Tyne Ltd Location: North Shields Dry Dock, NORTH SHIELDS, Tyne And Wear, NE29 6TD Authority: Environment Agency, North East Region Permit Reference: AU7052 Dated: 19th September 1996 Process Type: IPC new application Description: 6.5 A (A) Coating processes and Printing within Miscellaneous Industries Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the road within the address or location</p>	A16SE (W)	996	1	435323 567594

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	<p>Integrated Pollution Controls</p> <p>Name: A And P Tyne Ltd Location: North Shields Dry Dock, NORTH SHIELDS, TYNE AND WEAR, NE29 6EH Authority: Environment Agency, North East Region Permit Reference: BC3510 Dated: 30th October 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 6.5 A (A) Coating processes and Printing within Miscellaneous Industries Status: Application has met the requirements for authorisation (but not yet authorised)Not Yet Authorised Positional Accuracy: Manually positioned to the road within the address or location</p>	A16SE (W)	997	1	435323 567599
36	<p>Local Authority Pollution Prevention and Controls</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 Status: Authorised Positional Accuracy: Manually positioned to the road within the address or location</p>	A13SE (SE)	67	2	436425 566991
37	<p>Local Authority Pollution Prevention and Controls</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 Status: Application Not Yet Authorised Positional Accuracy: Manually positioned to the road within the address or location</p>	A13SW (SW)	187	2	436162 567017
38	<p>Local Authority Pollution Prevention and Controls</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: STC/EPR/005 Dated: 8th September 1999 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Manually positioned to the address or location</p>	A8NE (SE)	261	2	436506 566814
39	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: J R Selby Location: Commercial Road, SOUTH SHIELDS, Tyne and Wear, NE33 1RQ Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department Permit Reference: 028/6.5(B) Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/34 Respraying of road vehicles Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the address or location</p>	A7NE (SW)	556	2	435951 566647
40	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Reg Vardy Plc Location: Tudor Road, SOUTH SHIELDS, Tyne and Wear, NE33 4PQ Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department Permit Reference: 021/6.5(B) Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the address or location</p>	A8SW (S)	570	2	436124 566512
41	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Be Modern Ltd Location: Western Approach, SOUTH SHIELDS, Tyne and Wear, NE33 5QZ Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department Permit Reference: PPC/08/13 Dated: 1st July 1994 Process Type: Local Authority Pollution Prevention and Control Description: PG6/2 Manufacture of timber and wood-based products Status: Permitted Positional Accuracy: Automatically positioned to the address</p>	A8SW (S)	588	2	436184 566472

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
41	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Be Modern Ltd Location: Western Approach, SOUTH SHIELDS, Tyne and Wear, NE33 5QZ Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department Permit Reference: PPC/08/13 Dated: 1st July 1994 Process Type: Local Authority Pollution Prevention and Control Description: PG1/12 Combustion of fuel manufactured from/or comprised of, solid waste in appliances between 0.4-3MW thermal input Status: Permitted Positional Accuracy: Automatically positioned to the address</p>	A8SW (S)	588	2	436184 566472
42	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Mcnulty Offshore Constuction Ltd Location: Commercial Road, SOUTH SHIELDS, Tyne and Wear, NE33 1RZ Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department Permit Reference: PPC/08/3 Dated: 23rd May 1994 Process Type: Local Authority Pollution Prevention and Control Description: PG6/23 Coating of metal and plastic Status: Permitted Positional Accuracy: Located by supplier to within 100m</p>	A7NE (SW)	683	2	435887 566533
43	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Tyne Auto Bodies Location: Hill Street, Commercial Road, SOUTH SHIELDS, Tyne an Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department Permit Reference: 029/6.4(B) Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/34 Respraying of road vehicles Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the road within the address or location</p>	A7SE (SW)	780	2	435842 566443
44	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Jennings Accident Repair Centre Location: Commercial Road, SOUTH SHIELDS, Tyne and Wear, NE33 1RW Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department Permit Reference: 015/6.5(b) Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/34 Respraying of road vehicles Status: Authorisation certificate surrendered by operatorSurrendered Positional Accuracy: Automatically positioned to the address</p>	A7SE (SW)	831	2	435790 566421
45	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Posh Wash North East Ltd Location: 168 Sunderland Road, South Shields, Ne33 4hn Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department Permit Reference: STC/EPR/052 Dated: 1st September 2007 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Located by supplier to within 100m</p>	A8SE (S)	850	2	436500 566200
46	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Collingwood Garage Location: 16 New Quay, NORTH SHIELDS, Tyne and Wear, NE29 6LQ Authority: North Tyneside Metropolitan Borough Council, Environmental Health Department Permit Reference: 0110073 Dated: 20th December 1994 Process Type: Local Authority Air Pollution Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the road within the address or location</p>	A17SW (NW)	855	3	435617 567862
47	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: The North Eastern Rubber Company Location: 35-37 Clive Street, North Shields, NE29 Authority: North Tyneside Metropolitan Borough Council, Environmental Health Department Permit Reference: NT00111 Dated: 9th November 1999 Process Type: Local Authority Air Pollution Control Description: PG6/29 Di-isocyanate processes Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the address or location</p>	A17NW (NW)	877	3	435666 567950

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
47	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: The North Eastern Rubber Company Location: 35-37 Clive Street, North Shields, NE29 6LY Authority: North Tyneside Metropolitan Borough Council, Environmental Health Department Permit Reference: NI00111 Dated: 8th October 2002 Process Type: Local Authority Air Pollution Control Description: PG6/23 Coating of metal and plastic Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the address or location</p>	A17NW (NW)	878	3	435665 567950
47	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: The Great British Bollard Co Location: PO Box 6, 35-37 Clive Street, North Shields, NEWCASTLE UPON TYNE, Tyne and Wear, NE29 6LY Authority: North Tyneside Metropolitan Borough Council, Environmental Health Department Permit Reference: 0111111 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/28 Rubber processes Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the address or location</p>	A17NW (NW)	880	3	435665 567952
	Nearest Surface Water Feature	A12NE (NW)	331	-	435964 567419
48	<p>Pollution Incidents to Controlled Waters</p> <p>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</p>	A12NE (NW)	388	1	435900 567395
48	<p>Pollution Incidents to Controlled Waters</p> <p>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</p>	A12NE (NW)	389	1	435900 567400
49	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Other General Premises Location: SOUTH SHIELDS Authority: Environment Agency, North East Region Pollutant: Not Given Note: Tyne Estuary Incident Date: 23rd October 1992 Incident Reference: 235/001584 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</p>	A12NE (W)	482	1	435800 567300
50	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Vessel Location: S Shields Ferry Landing Authority: Environment Agency, North East Region Pollutant: Not Given Note: Tyne Estuary Incident Date: 28th February 1992 Incident Reference: 235/001126 Catchment Area: Not Given Receiving Water: Saline Estuary Cause of Incident: Oil Boat/Ship Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m</p>	A12NE (W)	497	1	435800 567200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
51	Pollution Incidents to Controlled Waters Property Type: Other General Premises Location: SOUTH SHIELDS Authority: Environment Agency, North East Region Pollutant: Not Given Note: Tyne Est Incident Date: 2nd September 1990 Incident Reference: 235/000280 Catchment Area: Not Given Receiving Water: Saline Estuary Cause of Incident: Sewage - Other Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A12SE (W)	549	1	435800 567000
52	Pollution Incidents to Controlled Waters 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	A17NE (NW)	641	1	436000 567900
53	Pollution Incidents to Controlled Waters Property Type: Other General Premises Location: SOUTH SHIELDS Authority: Environment Agency, North East Region Pollutant: Not Given Note: Tyne Incident Date: 7th September 1992 Incident Reference: 235/001507 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	A7NE (SW)	690	1	435700 566800
53	Pollution Incidents to Controlled Waters Property Type: Vessel Location: West Dock Authority: Environment Agency, North East Region Pollutant: Not Given Note: Tyne Tidal Incident Date: 29th September 1993 Incident Reference: 235/002126 Catchment Area: Not Given Receiving Water: Saline Estuary Cause of Incident: Oil Boat/Ship Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	692	1	435700 566795
54	Pollution Incidents to Controlled Waters Property Type: Other General Premises Location: NORTH SHIELDS Authority: Environment Agency, North East Region Pollutant: Not Given Note: Tyne Incident Date: 1st September 1994 Incident Reference: 235/002471 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	A17SE (NW)	751	1	435700 567800
55	Pollution Incidents to Controlled Waters Property Type: Other General Premises Location: River Tyne, Royal Keys Development Shields Authority: Environment Agency, North East Region Pollutant: Other Sewage Note: No Fish Killed Incident Date: 29th August 1995 Incident Reference: NT950184 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	A7NW (SW)	866	1	435600 566600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
56	Pollution Incidents to Controlled Waters Property Type: Industrial: Other Location: Rear Of North East Rubber Company, NORTH SHIELDS Authority: Environment Agency, North East Region Pollutant: Miscellaneous - Urban Runoff Note: Pollution Found; No Fish Killed Incident Date: 16th August 1996 Incident Reference: NT960235 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	A17NW (NW)	892	1	435600 567900
57	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Surface Water Outfall Location: SOUTH SHIELDS, Tyne And Wear Authority: Environment Agency, North East Region Pollutant: Chemicals - Acid Note: Pollution Found; No Fish Killed Incident Date: 1st October 1996 Incident Reference: NT960270 Catchment Area: Lower Tyne Receiving Water: Coastal Water Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7SE (S)	906	1	436000 566200
58	Pollution Incidents to Controlled Waters 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	A17NE (N)	919	1	436000 568200
59	Pollution Incidents to Controlled Waters Property Type: Miscellaneous Premises: Unknown Location: Jarrow / South Shields Authority: Environment Agency, North East Region Pollutant: Not Given Note: River Tyne Incident Date: 23rd May 1992 Incident Reference: 235/001314 Catchment Area: Not Given Receiving Water: Saline Estuary Cause of Incident: Other Oil Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7SW (SW)	920	1	435600 566500
60	Pollution Incidents to Controlled Waters Property Type: Other General Premises Location: Albert Edward Dock, NORTH SHIELDS Authority: Environment Agency, North East Region Pollutant: Miscellaneous - Other Note: No Fish Killed Incident Date: 5th September 1995 Incident Reference: NT950183 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)	958	1	435400 566900
61	Pollution Incidents to Controlled Waters Property Type: Highway/Car Park Location: SOUTH SHIELDS Authority: Environment Agency, North East Region Pollutant: Not Given Note: Tyne Estuary Incident Date: 4th October 1992 Incident Reference: 235/001562 Catchment Area: Not Given Receiving Water: No Pollution Cause of Incident: Oil General Spillage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9SE (SE)	967	1	437200 566500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
62	Pollution Incidents to Controlled Waters 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	A23SW (N)	968	1	436200 568300
63	Pollution Incidents to Controlled Waters Property Type: Vessel Location: Adjacent Albert Edward Dock Authority: Environment Agency, North East Region Pollutant: Not Given Note: Tyne Estuary Incident Date: 3rd November 1990 Incident Reference: 235/000362 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	A7NW (W)	977	1	435400 566800
63	Pollution Incidents to Controlled Waters Property Type: Demolition Location: Quayside Of Albert Edward Dock, NORTH SHIELDS Authority: Environment Agency, North East Region Pollutant: Oils - Black Fuel Oil Note: Pollution Found; No Fish Killed Incident Date: 18th September 1996 Incident Reference: NT960259 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	A7NW (SW)	978	1	435400 566795
64	Pollution Incidents to Controlled Waters Property Type: Miscellaneous Premises: Unknown Location: NORTH SHIELDS Authority: Environment Agency, North East Region Pollutant: Not Given Note: Not Supplied Incident Date: 11th August 1993 Incident Reference: 235/002049 Catchment Area: Not Given Receiving Water: No Pollution Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	999	1	435800 568200
65	Prosecutions Relating to Authorised Processes Location: Eldon Street, South Shield, NEWCASTLE, Tyne & Wear, NE33 5BY Prosecution Text: EA News Release 13/06/1997, Failure to ensure the proper disposal of waste from the business. Prosecution Act: EPA90 Hearing Date: 13th June 1997 Verdict: Guilty Fine: 2400 Costs: 3202 Positional Accuracy: Manually positioned to the road within the address or location	A7SE (SW)	955	1	435909 566188
66	Registered Radioactive Substances Name: Aker Mcnulty 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: Authorisation either revoked or cancelledCancelled Positional Accuracy: Unknown	A13SW (SW)	251	1	436100 567000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
67	Registered Radioactive Substances Name: Mcnulty Offshore Construction Ltd Location: Commercial Road, South Shields, SOUTH SHIELDS, Tyne And Wear, NE33 1RZ Authority: Environment Agency, North East Region Permit Reference: CC7412 Dated: 2nd September 2008 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Application has been authorised and any conditions apply to the operator Positional Accuracy: Manually positioned to the road within the address or location	A7NE (SW)	554	1	435953 566648
	Groundwater Vulnerability 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	A13SW (SE)	0	1	436343 567187
	Drift Deposits 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	A13SW (SE)	0	1	436343 567187
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SW (SE)	0	4	436343 567187
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	A13SW (SE)	0	4	436343 567187
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SE (SE)	0	4	436420 567143
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13NW (NW)	240	1	436045 567369
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
68	Historical Landfill Sites 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	A17SE (NW)	365	1	435979 567529
69	Historical Landfill Sites Licence Holder: West Dock Location: Commercial Road, South Shields, Costerphine Town, Tyne & Wear Name: West Dock Operator Location: Commercial Road, South Shields, Costerphine Town, Tyne & Wear Boundary Accuracy: As Supplied Provider Reference: EAHLD35707 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Not Supplied Type: EA Waste Ref: 67611 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: Not Supplied	A7SE (SW)	892	1	435684 566440
70	Historical Landfill Sites Licence Holder: Borough Of South Tyneside Location: Laygate, South Shield, Tyne and Wear Name: West Holborn Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD06264 First Input Date: 1st March 1983 Last Input Date: 31st March 1983 Specified Waste Not Supplied Type: EA Waste Ref: 0 Regis Ref: YO1/L/BOR015 WRC Ref: 4500/0293 BGS Ref: Not Supplied Other Ref: TW 104 ST, ST 038	A7SE (SW)	898	1	435676 566441
71	Licensed Waste Management Facilities (Landfill Boundaries) Name: Aker Mc Nulty Ltd Licence Number: 67611 Location: West Dock, Commercial Road, Costerphine Town, South Shields, Tyne & Wear, NE33 1RZ Licence Holder: Aker Mc Nulty Ltd Authority: Environment Agency - North East Region, North East Area Site Category: Landfills Taking Non-biodegradable Wastes (Not Construction) Max Input Rate: Not Supplied Licence Status: Inactive Issued: 25th July 1997 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A7SE (SW)	892	1	435684 566440
72	Licensed Waste Management Facilities (Locations) Licence Number: 67536 Location: Oyston Street, South Shields, Tyne & Wear, NE33 1AT Operator Name: Woodward David Operator Location: Not Supplied Authority: Environment Agency - North East Region, North East Area Site Category: Metal Recycling Sites (Mixed) Licence Status: Surrendered 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	A13SW (SW)	251	1	436100 567000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
73	<p>Licensed Waste Management Facilities (Locations)</p> <p>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-biodegradeable Wastes (Not Construction) Licence Status: Surrendered 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</p>	A12NE (NW)	420	1	435900 567500
73	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 64533 Location: South Shields, Tyne & Wear, NE33 Operator Name: Mowlem Northern Ltd Operator Location: Not Supplied Authority: Environment Agency - North East Region, North East Area Site Category: Landfills Taking Non-biodegradeable Wastes (Not Construction) Licence Status: Surrendered 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</p>	A12NE (NW)	420	1	435900 567500
74	<p>Licensed Waste Management Facilities (Locations)</p> <p>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 Licence Status: Surrendered 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</p>	A18NW (N)	574	1	436200 567900
74	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 64441 Location: River Drive, South Shields, Tyne & Wear, NE33 1LH Operator Name: Velva Liquids (North Shields) Ltd Operator Location: Not Supplied Authority: Environment Agency - North East Region, North East Area Site Category: Special Waste Transfer Stations Licence Status: Surrendered 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</p>	A18NW (N)	574	1	436200 567900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
75	Licensed Waste Management Facilities (Locations) Licence Number: 67552 Location: 3 Cone Street, South Shields, Tyne & Wear, NE33 1RE Operator Name: K J Baker & P Baker Operator Location: Not Supplied Authority: Environment Agency - North East Region, North East Area Site Category: Metal Recycling Sites (Mixed) Licence Status: Surrendered Issued: 27th January 1994 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 29th March 2006 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	643	1	435800 566700
76	Licensed Waste Management Facilities (Locations) Licence Number: 67498 Location: 111 Chichester Road, South Shields, Tyne & Wear, NE33 4HE Operator Name: Arthurs Raymond Operator Location: Not Supplied Authority: Environment Agency - North East Region, North East Area Site Category: Metal Recycling Sites (Mixed) Licence Status: Surrendered Issued: 23rd February 1992 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 23rd December 1994 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A3NE (S)	949	1	436500 566100
77	Licensed Waste Management Facilities (Locations) Licence Number: 67557 Location: Land/premises At, Appleby Street, North Shields, Tyne & Wear, NE29 6TE Operator Name: C & M Environmental Services Ltd Operator Location: Not Supplied Authority: Environment Agency - North East Region, North East Area Site Category: Metal Recycling Sites (Mixed) Licence Status: Expired Issued: 6th September 1996 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	A17SW (NW)	958	1	435400 567700
	Local Authority Landfill Coverage Name: South Tyneside Metropolitan Borough Council - Has no landfill data to supply		0	6	436343 567187
	Local Authority Landfill Coverage Name: North Tyneside Metropolitan District Council - Has supplied landfill data		609	3	435662 567364

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
78	<p>Registered Landfill Sites</p> <p>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</p> <p>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 Dated: 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 -FRICT.Inorg * Prohibited Waste: Waste N.O.S</p>	A17SE (NW)	447	1	435930 567600
79	<p>Registered Landfill Sites</p> <p>Licence Holder: South Tyneside Borough Council Licence Reference: TW 104 ST Site Location: Old Electricity Works, West Holburn, Laygate, South Shields, Tyne And Wear Licence Easting: 435650 Licence Northing: 566400 Operator Location: Town Hall, South Shields, Tyne And Wear 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 Dated: 23rd February 1983 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: Max.Waste Permitted By Licence Rock From Clay Substratum Tyne And Wear C -Rubble Tyne And Wear Di -Coh.Inorg Tyne And Wear Dii -Coh.Inorg Tyne And Wear E -FRICT.Inorg</p>	A7SW (SW)	945	1	435650 566400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
80	<p>Registered Waste Transfer Sites</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>	A18NW (N)	603	1	436100 567900
81	<p>Registered Waste Treatment or Disposal Sites</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 & Assoc.Parts Prohibited Waste: Spec.Waste (Epa'90:S62/1996 Regs)N.O.S Waste N.O.S.</p>	A13SW (SW)	146	1	436230 566950
82	<p>Registered Waste Treatment or Disposal Sites</p> <p>Licence Holder: K J & P Baker t/a Baker Bros Licence Reference: TW 362 ST Site Location: 3 Cone Street, SOUTH SHIELDS, Tyne and Wear, NE33 1RE Operator Location: As Site Address 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: 20th December 2000 Preceded By: TW 362 ST Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Maximum Waste Permitted By Licence Metal Waste/Scrap Metal (As In Post'98 E.A.Lics And Equivalent To 23.00.00) Motor Vehicle Batteries Prohibited Waste: Degradable Household/Commercial/Industrial Waste (As In Post'98 E.A.Lics And Equivalent To 22.09.00) Inert Materials (As In Post'98 E.A.Lics And Equivalent To 21.00.00) Other Waste/Waste Not Otherwise Specified Special Waste (As In Epa 1990:S62 Of 1996 Regs) Not Otherwise Specified</p>	A7NE (SW)	572	1	435900 566680

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
82	<p>Registered Waste Treatment or Disposal Sites</p> <p>Licence Holder: K J & P Baker t/a Baker Bros Licence Reference: TW 362 ST Site Location: 3 Cone Street, SOUTH SHIELDS, Tyne and Wear, NE33 1RE Operator Location: As Site Address 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: Record supersededSuperseded Dated: 27th January 1994 Preceded By: Not Given Licence: Superseded By: TW 362 ST Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Scrap Metal As In S.M.Dealers Act'64 Prohibited Waste: Asbestos Clinical Wastes Flammable Solvents Liable To Cause Environmental Hazards Medical (Misuse Of Drugs Act '71) Percussive/Explosive/Similar Waste Poisonous, Noxious, Polluting Wastes Spec.Waste (Epa'90:S62/1996 Regs) Transf./Capacitors Assumed/Cont. Pcb's Waste N.O.S.</p>	A7NE (SW)	572	1	435900 566680
83	<p>Registered Waste Treatment or Disposal Sites</p> <p>Licence Holder: R Arthurs Licence Reference: TW 273 ST Site Location: Chichester Metals, 111 Chichester Road, SOUTH SHIELDS, Tyne and Wear, NE33 4HE Operator Location: 2 Dunnock Drive, Ayton, Washington, Tyne And Wear 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: Licence known to be surrenderedSurrendered Dated: 23rd January 1992 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: Asbestos Haz.Items Normally Assoc.With Vehicles Normally Less Than Oils Petrol Scrap Metal As In S.M.Dealers Act '64 Such As Batteries Prohibited Waste: Asbestos Capac'Rs/Transformers Cont. Pcb/Pct'S Clinical Wastes Flammable Solvents Liable To Cause Environmental Hazards Liquid/Sludge Wastes Medical (Misuse Of Drugs Act) Percussive/Explosive Waste Radioactive Wastes Special Wastes</p>	A3NE (S)	880	1	436500 566170

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
84	<p>Control of Major Accident Hazards Sites (COMAH)</p> <p>Name: Transco Plc Location: South Shields Holder Station, Oyston Street, SOUTH SHIELDS, Tyne & Wear, NE33 1AT Reference: Not Supplied Type: Lower Tier Status: Record Ceased To Be Supplied Under COMAH Regulations Positional Accuracy: Manually positioned to the address or location</p>	A13SW (S)	65	5	436309 566984
85	<p>Notification of Installations Handling Hazardous Substances (NIHHS)</p> <p>Name: Transco. Location: Oyston Street, South Shields, Tyne & Wear, Ne33 1At Status: Active Positional Accuracy: Manually positioned to the address or location</p>	A13SW (S)	61	5	436316 566985
86	<p>Planning Hazardous Substance Consents</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 Substance: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not) Maximum Quantity: 0 Application date: 14th March 2001 Decision: Unknown at time of reportUnknown Positional Accuracy: Manually positioned to the address or location</p>	A13SW (S)	58	6	436309 566994
86	<p>Planning Hazardous Substance Consents</p> <p>Name: British Gas Northern Engineering Location: Gas Holder, Oyston Street, South Shields, Tyne & Wear, Ne33 2ht Authority: South Tyneside Metropolitan Borough Council, Planning Department Application Ref: ST/SC/92/02 Hazardous Substance: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not) Maximum Quantity: 60 Application date: 19th October 1992 Decision: Deemed Consent GrantedGranted Positional Accuracy: Manually positioned to the address or location</p>	A13SW (S)	65	6	436303 566989
87	<p>Planning Hazardous Substance Consents</p> <p>Name: F Lakes & Son Location: Havelock Street, South Shields, Tyne & Wear, Ne33 5dz Authority: South Tyneside Metropolitan Borough Council, Planning Department Application Ref: St/Sc/92/04/Dm Hazardous Substance: Unknown at time of report Maximum Quantity: 25 Application date: 20th November 1992 Decision: New application refusedRefused Positional Accuracy: Manually positioned to the road within the address or location</p>	A7SE (SW)	997	6	435829 566185

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Westphalian Coal Measures	A13SW (SE)	0	4	436343 567187
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SW (SE)	0	7	436343 567187
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SE (SE)	0	7	436420 567143
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SW (S)	0	7	436343 567144
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13SW (S)	2	7	436311 567042
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SW (S)	9	7	436322 567099
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SE (SE)	16	7	436458 567107

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A13SE (S)	24	7	436390 567025
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13SE (S)	24	7	436404 567029
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13SE (S)	26	7	436384 567022
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13SW (S)	36	7	436343 567000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13SE (S)	37	7	436349 567000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A13SW (S)	40	7	436331 567000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13SE (SE)	45	7	436453 567047
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13SE (SE)	47	7	436455 567048
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A13SW (S)	60	7	436286 567047
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13SE (SE)	73	7	436482 567056
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13SE (SE)	78	7	436463 567001
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13SE (SE)	80	7	436466 567000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13SE (S)	81	7	436353 566956
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A13SE (SE)	103	7	436512 567065
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13SE (SE)	103	7	436510 567040
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13SE (SE)	116	7	436524 567043
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A13SW (S)	142	7	436267 566915
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A13SW (SW)	144	7	436205 566990

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A13SE (SE)	150	7	436548 567000
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A13SW (S)	158	7	436241 566921
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A13SW (SW)	164	7	436208 566952
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A13SW (SW)	193	7	436152 567056
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A8NW (S)	216	7	436331 566821
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A13SE (E)	219	7	436627 567105

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A13SE (E)	226	7	436634 567093
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A13SW (SW)	228	7	436199 566862
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A13SW (SW)	239	7	436134 566922
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A13SW (SW)	240	7	436177 566868
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A8NW (S)	265	7	436218 566805
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A13SW (SW)	270	7	436110 566909

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SE (W)	281	7	436000 567187
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14SW (E)	283	7	436689 567125
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14SW (SE)	288	7	436691 567000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A13SW (SW)	311	7	436073 566891
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8NW (S)	313	7	436190 566766
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NW (S)	313	7	436184 566769

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A14SW (E)	315	7	436720 567141
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A12SE (W)	322	7	436000 567148
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A14SW (E)	330	7	436735 567140
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A8NW (S)	332	7	436177 566753
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A12SE (W)	338	7	436000 567091
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A12SE (W)	344	7	435977 567148

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A12SE (W)	345	7	436000 567055
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8NE (SE)	349	7	436655 566810
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A12SE (SW)	350	7	436000 567000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8NW (S)	360	7	436224 566698
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SE (SW)	362	7	436000 566936
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8NW (SW)	369	7	436038 566836

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A12SE (SW)	372	7	436000 566905
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SE (W)	379	7	435940 567148
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A12SE (SW)	381	7	435975 566942
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NW (SW)	382	7	436032 566821
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A12SE (SW)	383	7	436000 566876
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SE (SW)	385	7	435960 566971

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A12SE (SW)	391	7	436000 566859
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A12SE (SW)	394	7	435950 566990
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A12SE (W)	397	7	435929 567122
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A12SE (SW)	404	7	435946 567000
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A12SE (W)	409	7	435917 567122
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A7NE (SW)	417	7	436000 566807

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	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A7NE (SW)	424	7	436000 566793
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A14SW (E)	426	7	436836 566993
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A7NE (SW)	431	7	436000 566782
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A14SW (E)	432	7	436833 567171
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A14SW (E)	434	7	436839 567000
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A7NE (SW)	440	7	435989 566782

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A14SW (E)	442	7	436843 567174
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A14SW (E)	444	7	436850 567139
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A7NE (SW)	445	7	435986 566778
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A14SW (E)	470	7	436887 567139
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A7NE (SW)	473	7	435968 566753
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A7NE (SW)	474	7	435955 566768

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A7NE (SW)	499	7	435959 566718
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A14SW (E)	506	7	436911 567000
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A8NW (S)	512	7	436123 566576
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A14SW (E)	518	7	436920 566974
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A14SW (E)	526	7	436932 567000
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A14SW (E)	530	7	436935 567000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A14SW (E)	532	7	436938 567004
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9NW (SE)	579	7	436692 566552
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A14SW (E)	591	7	437000 567124
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14SW (E)	592	7	437000 567036
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A14SW (E)	593	7	437000 567138
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A14SW (E)	594	7	437000 567187

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8SW (S)	594	7	436331 566443
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14SW (E)	594	7	437000 567000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14NW (E)	606	7	437000 567224
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14SW (SE)	610	7	437000 566908
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8SE (S)	616	7	436497 566439
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A7NE (SW)	617	7	436000 566527

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A17SE (NW)	623	7	435950 567852
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A9NW (SE)	627	7	437000 566848
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A19SW (NE)	632	7	436905 567629
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A18NW (N)	637	7	436279 567975
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A9NW (SE)	643	7	437000 566803
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A17NE (NW)	646	7	436000 567906

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A18NW (N)	660	7	436343 568000
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A18NW (N)	660	7	436337 568000
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A9NW (SE)	665	7	436986 566726
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A18NW (N)	671	7	436202 568000
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A8SW (S)	671	7	436086 566419
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A9NW (SE)	672	7	437000 566737

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A7SE (SW)	673	7	436000 566461
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A8SE (S)	675	7	436380 566362
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A14NW (NE)	695	7	437000 567515
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A9NE (SE)	697	7	437043 566769
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A9NW (SE)	712	7	437000 566660
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A8SW (S)	714	7	436309 566324

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A8SW (S)	714	7	436306 566324
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A8SW (S)	714	7	436303 566324
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A8SW (S)	715	7	436329 566322
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A7SE (SW)	715	7	436000 566412
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A12NW (W)	721	7	435558 567365
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A12NW (W)	726	7	435556 567357

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8SE (S)	729	7	436410 566310
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NW (W)	732	7	435548 567322
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A12NW (W)	733	7	435548 567322
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7SE (SW)	734	7	435962 566412
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9NW (SE)	760	7	436986 566562
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9NW (SE)	760	7	436996 566574

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9NW (SE)	761	7	437000 566577
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A9NW (SE)	764	7	436964 566532
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9NW (SE)	765	7	436966 566533
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9NW (SE)	768	7	437000 566567
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8SW (S)	774	7	436030 566331
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8SW (S)	783	7	436040 566316

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A7SE (S)	798	7	436000 566318
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A7SE (S)	800	7	436000 566316
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A7SE (S)	803	7	435994 566316
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A12SW (W)	808	7	435492 567153
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A9SW (SE)	809	7	436927 566436
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A14SE (E)	809	7	437218 567111

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A14SE (E)	810	7	437219 567136
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 90 - 120 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A14SE (E)	811	7	437219 567017
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 90 - 120 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A14SE (E)	814	7	437221 567000
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A9NE (SE)	815	7	437132 566681
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A12NW (W)	821	7	435470 567201
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 90 - 120 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A9NE (SE)	821	7	437129 566664

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A9NE (SE)	821	7	437067 566563
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A8SE (S)	830	7	436652 566263
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A9SW (SE)	831	7	437000 566473
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A14NE (E)	832	7	437214 567304
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A19NW (NE)	835	7	436969 567883
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A19NW (NE)	844	7	436850 568000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14SE (E)	845	7	437252 567135
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14NE (E)	847	7	437228 567309
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9NE (SE)	848	7	437142 566630
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SW (W)	848	7	435465 567096
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SW (NE)	850	7	437000 567856
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A12SW (W)	852	7	435445 567162

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A14NE (E)	857	7	437248 567263
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SW (W)	860	7	435439 567153
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A12SW (W)	860	7	435439 567153
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14SE (E)	865	7	437269 566969
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SW (W)	873	7	435446 567070
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A17NE (NW)	892	7	435698 568000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9SW (SE)	900	7	436958 566344
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SW (W)	907	7	435403 567101
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SW (W)	914	7	435438 566953
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A14SE (E)	914	7	437321 567135
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9SW (SE)	918	7	436908 566287
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A17NE (NW)	922	7	435709 568047

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14SE (E)	924	7	437332 567123
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SW (W)	928	7	435429 566907
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SW (W)	930	7	435375 567117
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A17NW (NW)	932	7	435639 568000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14SE (E)	935	7	437342 567134
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19NW (NE)	945	7	437000 568000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 90 - 120 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A14SE (E)	945	7	437353 567095
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A12SW (W)	947	7	435374 567055
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A15SW (E)	960	7	437367 567153
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 90 - 120 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A3NE (S)	960	7	436668 566130
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 90 - 120 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A4NW (S)	968	7	436694 566132
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 90 - 120 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A15SW (E)	968	7	437368 566926

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9SW (SE)	973	7	436952 566250
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A4NW (S)	976	7	436749 566142
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A3NE (S)	987	7	436673 566105
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7NW (SW)	988	7	435399 566762
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A10NW (SE)	1000	7	437360 566750
88	BGS Recorded Mineral Sites Site Name: Oyston'S Brick Field Location: , South Shields, South Tyneside Source: British Geological Survey, National Geoscience Information Service Reference: 120993 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Quaternary Geology: Glaciolacustrine Deposits, Devensian Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A13SE (S)	45	4	436410 567010

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
89	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Swinburne'S Brick Field Location: , South Shields, South Tyneside Source: British Geological Survey, National Geoscience Information Service Reference: 120994 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Quaternary Geology: Glaciolacustrine Deposits, Devensian Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m</p>	A13SW (S)	182	4	436305 566860
90	<p>BGS Recorded Mineral Sites</p> <p>Site Name: South Sheilds Brick And Tile Works Location: , South Shields, Tyne And Wear Source: British Geological Survey, National Geoscience Information Service Reference: 95987 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Quaternary Geology: Till, Devensian Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m</p>	A13NE (NE)	241	4	436589 567316
91	<p>BGS Recorded Mineral Sites</p> <p>Site Name: St Hilda'S Colliery Location: , South Shields, Tyne And Wear Source: British Geological Survey, National Geoscience Information Service Reference: 128036 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: High Main Coal (Northumberland And Durham) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A8NW (SW)	282	4	436173 566815
92	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Anderson'S Brick Field Location: , South Shields, South Tyneside Source: British Geological Survey, National Geoscience Information Service Reference: 120995 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Quaternary Geology: Glaciolacustrine Deposits, Devensian Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m</p>	A8NE (S)	306	4	436455 566750
93	<p>BGS Recorded Mineral Sites</p> <p>Site Name: St Stephen'S Brick Works Location: , South Shields, Tyne And Wear Source: British Geological Survey, National Geoscience Information Service Reference: 99016 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Quaternary Geology: Till, Devensian Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m</p>	A18SW (NW)	398	4	436093 567675
94	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Ballast Hills Brick Field Location: , South Shields, South Tyneside Source: British Geological Survey, National Geoscience Information Service Reference: 120996 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Quaternary Geology: Till, Devensian Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m</p>	A8SW (SW)	667	4	436030 566450

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
95	BGS Recorded Mineral Sites Site Name: Westoe Location: , Westoe, South Shields, Tyne And Wear Source: British Geological Survey, National Geoscience Information Service Reference: 95988 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: Grindstone Post Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A8SW (S)	775	4	436310 566262
96	BGS Recorded Mineral Sites Site Name: Westoe Colliery Location: , Westoe, South Shields Source: British Geological Survey, National Geoscience Information Service Reference: 4060 Type: Underground Status: Ceased Operator: British Coal - North East Group Operator Location: British Coal - North East Group, Ryhope Road, Sunderland, Sr2 9ry Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A9NE (E)	823	4	437205 566850
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas 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.	A13SW (SE)	0	8	436343 567187
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13SW (SE)	0	-	436343 567187
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	4	436420 567143
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	4	436343 567187
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	4	436343 567144
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	4	436343 567187
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	8	4	436322 567099
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	46	4	436453 567047
	Potential for Ground Dissolution Stability Hazards No Hazard				
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	4	436343 567187
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	4	436343 567187

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	4	436420 567143
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	4	436343 567144
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	16	4	436458 567107
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	4	436343 567144
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	4	436343 567187
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	46	4	436453 567047
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	4	436343 567187
	Radon Potential - Radon Affected Areas Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	4	436343 567187

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
97	Contemporary Trade Directory Entries Name: Klick Photopoint Location: 24, King Street, South Shields, Tyne and Wear, NE33 1HT Classification: Photographic Processors Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (N)	0	-	436346 567264
97	Contemporary Trade Directory Entries 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	A13NE (NE)	0	-	436364 567228
97	Contemporary Trade Directory Entries Name: Klick Location: 24, King Street, South Shields, Tyne and Wear, NE33 1HT Classification: Photographic Processors Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (N)	0	-	436346 567264
98	Contemporary Trade Directory Entries 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	A13SE (SE)	0	-	436406 567103
99	Contemporary Trade Directory Entries Name: Decorflair 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	A13NW (NW)	4	-	436312 567214
100	Contemporary Trade Directory Entries 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	A13SE (S)	33	-	436404 567020
100	Contemporary Trade Directory Entries Name: The Window Fitter Warehouse Location: 2-8, Franklin Street, South Shields, Tyne and Wear, NE33 1PR Classification: Window Frames - Sales & Service Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (S)	34	-	436404 567020
101	Contemporary Trade Directory Entries Name: Sutherlands Location: Coronation St, South Shields, Tyne & Wear, NE33 1AZ Classification: Tyre Dealers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13SW (S)	54	-	436296 567022
102	Contemporary Trade Directory Entries Name: Motoreay Services Location: 8, Franklin Street, South Shields, Tyne and Wear, NE33 1PR Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (S)	60	-	436407 566993
102	Contemporary Trade Directory Entries 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	A13SE (SE)	66	-	436436 566997
102	Contemporary Trade Directory Entries Name: Vts Location: 12, Franklin Street, South Shields, Tyne and Wear, NE33 1PR Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (S)	85	-	436408 566967
102	Contemporary Trade Directory Entries Name: Dean Printing Works Location: 11, Franklin Street, South Shields, Tyne and Wear, NE33 1PR Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	92	-	436444 566971

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
102	Contemporary Trade Directory Entries Name: Leighton Location: 14, Franklin Street, South Shields, Tyne and Wear, NE33 1PR Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (S)	99	-	436412 566953
103	Contemporary Trade Directory Entries Name: Photo-Fast Location: 64, Fowler Street, South Shields, Tyne and Wear, NE33 1PG Classification: Photographic Processors Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	77	-	436485 567091
103	Contemporary Trade Directory Entries Name: Photo Fast Location: 64, Fowler Street, South Shields, Tyne and Wear, NE33 1PG Classification: Photographic Processors Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	77	-	436485 567091
103	Contemporary Trade Directory Entries Name: The Jewellery Repair Centre Location: 44, Fowler Street, South Shields, Tyne and Wear, NE33 1PG Classification: Jewellery Manufacturers & Repairers Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (E)	80	-	436477 567143
103	Contemporary Trade Directory Entries Name: Klick Location: 50, Fowler Street, South Shields, Tyne and Wear, NE33 1PG Classification: Photographic Processors Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (E)	82	-	436483 567131
104	Contemporary Trade Directory Entries Name: Colourclear Ltd Location: 3-4, Forest Road, South Shields, Tyne and Wear, NE33 1PT Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (S)	83	-	436356 566953
104	Contemporary Trade Directory Entries Name: Automotive Maintenance Co Location: 4 Forest Rd, South Shields, Tyne and Wear, NE33 1PT Classification: Garage Services Status: Active Positional Accuracy: Manually positioned to the address or location	A13SE (S)	85	-	436355 566952
104	Contemporary Trade Directory Entries Name: Vehicle Diagnostics Location: 4 Forest Rd, South Shields, Tyne and Wear, NE33 1PT Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13SE (S)	85	-	436355 566952
104	Contemporary Trade Directory Entries Name: Colourclear Location: 3-4 Forest Rd, South Shields, Tyne and Wear, NE33 1PT Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13SW (S)	93	-	436338 566944
105	Contemporary Trade Directory Entries Name: Supasnaps Location: 2, Denmark Centre, South Shields, Tyne and Wear, NE33 2LR Classification: Photographic Processors Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	92	-	436450 567261
106	Contemporary Trade Directory Entries 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	A13SE (SE)	101	-	436508 567037
106	Contemporary Trade Directory Entries 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	A13SE (SE)	108	-	436512 567022

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
106	Contemporary Trade Directory Entries Name: Re-Design 4 U Location: 84-86, Fowler Street, South Shields, Tyne and Wear, NE33 1PD Classification: Recycling Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	108	-	436512 567022
106	Contemporary Trade Directory Entries Name: Homefair Blinds Location: 4 Fowler St, South Shields, Tyne And Wear, NE33 1PD Classification: Blinds, Awnings & Canopies Status: Active Positional Accuracy: Manually positioned within the geographical locality	A13SE (SE)	109	-	436512 567022
106	Contemporary Trade Directory Entries 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	A13SE (SE)	131	-	436517 566983
106	Contemporary Trade Directory Entries 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	A13SE (SE)	131	-	436517 566983
106	Contemporary Trade Directory Entries Name: Flair Blinds Ltd Location: 83, Fowler Street, South Shields, Tyne and Wear, NE33 1NT Classification: Blinds, Awnings & Canopies Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (SE)	139	-	436547 567036
107	Contemporary Trade Directory Entries Name: Johnson Cleaners (Uk) Ltd Location: 17, Denmark Centre, South Shields, Tyne and Wear, NE33 2LR Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (E)	108	-	436487 567207
108	Contemporary Trade Directory Entries Name: C M C Location: 1, Forest Road, South Shields, Tyne and Wear, NE33 1PT Classification: Photocopiers Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (S)	125	-	436320 566914
109	Contemporary Trade Directory Entries Name: Currys Location: 87, King Street, South Shields, Tyne and Wear, NE33 1DP Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (W)	127	-	436197 567170
110	Contemporary Trade Directory Entries Name: R Cars Location: 52-56, Garden Lane, South Shields, Tyne and Wear, NE33 1PS Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (S)	140	-	436399 566906
110	Contemporary Trade Directory Entries Name: Rolls Location: 62, Garden Lane, South Shields, Tyne and Wear, NE33 1PS Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (S)	164	-	436402 566881
110	Contemporary Trade Directory Entries Name: Steve'S Auto Sprays Location: 62, Garden Lane, South Shields, Tyne and Wear, NE33 1PS Classification: Car Body Repairs Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13SE (S)	165	-	436402 566881
110	Contemporary Trade Directory Entries Name: Truewood Furniture & Joinery Ltd Location: 62, Garden Lane, South Shields, Tyne and Wear, NE33 1PS Classification: Furniture Manufacturers - Home & Office Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13SE (S)	165	-	436402 566881

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
111	<p>Contemporary Trade Directory Entries</p> <p>Name: D Woodward Location: Car Dismantlers, Oyston Street, South Shields, Tyne and Wear, NE33 1AT Classification: Scrap Metal Merchants Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address</p>	A13SW (SW)	146	-	436236 566943
112	<p>Contemporary Trade Directory Entries</p> <p>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</p>	A13SE (SE)	151	-	436523 566957
112	<p>Contemporary Trade Directory Entries</p> <p>Name: The Heating Efficiency Showroom Location: 108-110, Fowler Street, South Shields, Tyne and Wear, NE33 1PZ Classification: Fireplaces & Mantelpieces Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13SE (SE)	158	-	436528 566953
113	<p>Contemporary Trade Directory Entries</p> <p>Name: Home Style Location: Fowler St, South Shields, Tyne And Wear, NE33 1NU Classification: Cookers - Sales & Service Status: Active Positional Accuracy: Manually positioned within the geographical locality</p>	A13SE (SE)	160	-	436558 566998
114	<p>Contemporary Trade Directory Entries</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 & Equipment Status: Active Positional Accuracy: Manually positioned to the address or location</p>	A13SW (S)	172	-	436254 566892
114	<p>Contemporary Trade Directory Entries</p> <p>Name: B-Able Ltd Location: Unit 201, Tedco Business Works, Henry Robson Way, South Shields, Tyne And Wear, NE33 1RF Classification: Disability Equipment - Manufacturers & Suppliers Status: Active Positional Accuracy: Manually positioned to the address or location</p>	A13SW (S)	211	-	436246 566852
115	<p>Contemporary Trade Directory Entries</p> <p>Name: M I Dickson Ltd Location: 107, King Street, South Shields, Tyne and Wear, NE33 1DP Classification: Meat Product Manufacturers & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A13SW (W)	190	-	436128 567181
115	<p>Contemporary Trade Directory Entries</p> <p>Name: Currys Digital Location: 111, King Street, South Shields, Tyne and Wear, NE33 1DP Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13SW (W)	196	-	436134 567140
116	<p>Contemporary Trade Directory Entries</p> <p>Name: Decorum Location: 209 Tedco Business Works, Henry Robson Way, South Shields, Tyne and Wear, NE33 1RF Classification: Sports Equipment Manufacturers & Distributors Status: Active Positional Accuracy: Manually positioned to the address or location</p>	A8NW (S)	212	-	436246 566850
116	<p>Contemporary Trade Directory Entries</p> <p>Name: Maxi Flow Location: Unit 208, Tedco Business Works, Henry Robson Way, South Shields, Tyne and Wear, NE33 1RF Classification: Engineering Materials Status: Active Positional Accuracy: Manually positioned to the address or location</p>	A8NW (S)	212	-	436246 566850
117	<p>Contemporary Trade Directory Entries</p> <p>Name: Bede Furnishings Ltd Location: Unit 1/5, Redhead Buildings, Garden Lane, South Shields, Tyne and Wear, NE33 1PS Classification: Upholstery Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	228	-	436405 566816

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
117	Contemporary Trade Directory Entries 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: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	228	-	436405 566816
117	Contemporary Trade Directory Entries Name: Ocean Laundry Services Location: Unit 6/7, Redhead Buildings, Garden Lane, South Shields, Tyne and Wear, NE33 1PS Classification: Laundries & Launderettes Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	228	-	436405 566816
117	Contemporary Trade Directory Entries Name: A C Wrought Iron Location: Unit 1-5, Redhead Buildings, Garden Lane, South Shields, Tyne and Wear, NE33 1PS Classification: Wrought Ironwork Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	228	-	436405 566816
117	Contemporary Trade Directory Entries Name: Speciality Mirror Shop Location: 9, St. Hilda Street, South Shields, Tyne and Wear, NE33 1QD Classification: Mirrors & Decorative Glass Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	246	-	436435 566807
117	Contemporary Trade Directory Entries Name: Speciality Mirror Shop Location: 9, St. Hilda Street, South Shields, Tyne and Wear, NE33 1QD Classification: Picture & Picture Frame Renovating & Restoring Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (S)	246	-	436435 566807
118	Contemporary Trade Directory Entries Name: Newlife Cleaning Systems Ltd Location: 7, Beach Road, South Shields, Tyne and Wear, NE33 2QA Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (SE)	231	-	436608 566939
118	Contemporary Trade Directory Entries 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	A13SE (SE)	231	-	436608 566939
118	Contemporary Trade Directory Entries Name: At Your Service Location: 7, Beach Road, South Shields, Tyne and Wear, NE33 2QA Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	231	-	436608 566939
118	Contemporary Trade Directory Entries Name: South Shields Printing Location: 13, Beach Road, South Shields, Tyne and Wear, NE33 2QA Classification: Printers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13SE (SE)	243	-	436628 566950
118	Contemporary Trade Directory Entries 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	A13SE (SE)	253	-	436641 566955
119	Contemporary Trade Directory Entries 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: Inactive Positional Accuracy: Manually positioned to the address or location	A8NE (SE)	261	-	436506 566814

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
120	Contemporary Trade Directory Entries Name: Pressit Location: Unit 306, Tedco Business Works, Henry Robson Way, South Shields, Tyne and Wear, NE33 1RF Classification: Ironing & Home Laundry Services Status: Active Positional Accuracy: Manually positioned to the address or location	A8NW (S)	270	-	436296 566772
120	Contemporary Trade Directory Entries Name: The Plastics Centre Location: Unit 4, Holman Court, Henry Robson Way, South Shields, Tyne and Wear, NE33 1RL Classification: PVC-U Products - Manufacturers & Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (S)	309	-	436312 566729
120	Contemporary Trade Directory Entries Name: Tool Repair Centre Location: Unit 4/6, Holman Court, Henry Robson Way, South Shields, Tyne and Wear, NE33 1RL Classification: Tool Sharpening, Repairing & Servicing Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	310	-	436312 566729
121	Contemporary Trade Directory Entries Name: Valve Services Ltd Location: 10, Station Road, South Shields, Tyne and Wear, NE33 1ED Classification: Valve Manufacturers & Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (SW)	281	-	436129 566859
122	Contemporary Trade Directory Entries Name: The Direct Group Ltd Location: 7, Broad Landing, South Shields, Tyne and Wear, NE33 1JL Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	284	-	435997 567326
123	Contemporary Trade Directory Entries Name: Washington Patterns Ltd Location: Unit 8, St. Hilda Industrial Estate, Station Road, South Shields, Tyne and Wear, NE33 1RA Classification: Wood Products, Except Furniture - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (SW)	306	-	436112 566841
123	Contemporary Trade Directory Entries Name: Wizz Print Location: Unit 5, St. Hilda Industrial Estate, Station Road, South Shields, Tyne and Wear, NE33 1RA Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (SW)	309	-	436132 566815
123	Contemporary Trade Directory Entries Name: Templetown Canopies Ltd Location: Unit 4, St. Hilda Industrial Estate, Station Road, South Shields, Tyne and Wear, NE33 1RA Classification: Glass Fibre Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (SW)	311	-	436137 566808
123	Contemporary Trade Directory Entries Name: G W Foreman Location: Unit 2, St. Hilda Industrial Estate, Station Road, South Shields, Tyne and Wear, NE33 1RA Classification: Metal Workers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (SW)	316	-	436144 566795
123	Contemporary Trade Directory Entries Name: Halfords Autocentre Location: Station Rd, South Shields, Tyne and Wear, NE33 1ED Classification: Garage Services Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A8NW (SW)	331	-	436108 566808
124	Contemporary Trade Directory Entries 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	A14SW (E)	332	-	436740 567037

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
125	Contemporary Trade Directory Entries Name: Soapsuds Location: 147-151, Coston Drive, South Shields, Tyne and Wear, NE33 2DU Classification: Laundries & Launderettes Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	338	-	436593 567545
126	Contemporary Trade Directory Entries Name: Aa Service Centre Location: Station Road, South Shields, Tyne and Wear, NE33 1ED Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (SW)	382	-	436038 566814
127	Contemporary Trade Directory Entries Name: Harlow Printing Ltd Location: 7-21, Maxwell Street, South Shields, Tyne and Wear, NE33 4PU Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (S)	403	-	436363 566633
128	Contemporary Trade Directory Entries Name: Warm Protection Ltd Location: 51, Beach Road, South Shields, Tyne and Wear, NE33 2QU Classification: Roller Shutter Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	403	-	436811 567050
128	Contemporary Trade Directory Entries Name: Warm Protection Location: 51, Beach Road, South Shields, Tyne and Wear, NE33 2QU Classification: Roller Shutter Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	403	-	436811 567050
128	Contemporary Trade Directory Entries Name: Warm Protection Location: 51, Beach Road, South Shields, Tyne and Wear, NE33 2QU Classification: Blinds, Awnings & Canopies Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (E)	403	-	436811 567050
128	Contemporary Trade Directory Entries Name: L A Autos Location: 57, Beach Road, South Shields, Tyne and Wear, NE33 2QU Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (E)	424	-	436832 567062
129	Contemporary Trade Directory Entries Name: South Tyneside Auto Electrics Location: 1 Maxwell St, South Shields, Tyne and Wear, NE33 4PU Classification: Electronic Engineers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8NW (S)	418	-	436314 566620
130	Contemporary Trade Directory Entries Name: N P S Services Location: 14, Maxwell Street, South Shields, Tyne and Wear, NE33 4PU Classification: Wrought Ironwork Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	448	-	436334 566589
130	Contemporary Trade Directory Entries Name: Euro Hire & Sales Ltd Location: Maxwell St, South Shields, Tyne and Wear, NE33 4PU Classification: Corrosion Prevention & Control Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8NE (S)	461	-	436352 566576
130	Contemporary Trade Directory Entries Name: Toney Minchella Ltd Location: 18-20, Maxwell Street, South Shields, Tyne and Wear, NE33 4PU Classification: Ice Cream Manufacturers & Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (S)	472	-	436337 566565
130	Contemporary Trade Directory Entries Name: M A P Engineering (Ne) Ltd Location: Maxwell St, South Shields, Tyne & Wear, NE33 4PU Classification: Mechanical Engineers Status: Active Positional Accuracy: Manually positioned to the address or location	A8NW (S)	497	-	436336 566540

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
130	Contemporary Trade Directory Entries Name: Tyneside Tyre Services Location: 26, Maxwell Street, South Shields, Tyne and Wear, NE33 4PU Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (S)	497	-	436336 566540
131	Contemporary Trade Directory Entries Name: The Plastic Trim Centre Location: Crown House, 4, Western Approach, South Shields, Tyne and Wear, NE33 5QU Classification: Builders' Merchants Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (S)	474	-	436222 566580
132	Contemporary Trade Directory Entries Name: Top Clean Location: 81, Broughton Road, South Shields, Tyne and Wear, NE33 2RR Classification: Laundries & Launderettes Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (E)	475	-	436877 566977
133	Contemporary Trade Directory Entries Name: Ironing Maids Location: 26 Westoe Rd, South Shields, Tyne and Wear, NE33 4LZ Classification: Ironing & Home Laundry Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8NE (SE)	481	-	436629 566629
133	Contemporary Trade Directory Entries Name: N Print & Design Local Location: 41, Westoe Road, South Shields, Tyne and Wear, NE33 4LU Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (SE)	498	-	436673 566635
133	Contemporary Trade Directory Entries Name: Gas Trade Centre Ltd Location: 48-50, Westoe Road, South Shields, Tyne and Wear, NE33 4NA Classification: Boilers - Servicing, Replacements & Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (SE)	526	-	436646 566587
134	Contemporary Trade Directory Entries Name: Jadnet Designs Location: 26, Roman Road, South Shields, Tyne and Wear, NE33 2HA Classification: T-Shirts Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	485	-	436783 567498
135	Contemporary Trade Directory Entries Name: Mill Dam Location: Mill Dam, South Shields, Tyne and Wear, NE33 1EQ Classification: Garage Services Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A12SE (SW)	495	-	435884 566864
136	Contemporary Trade Directory Entries Name: Crown Location: Crown House, 4 Western Approach, South Shields, Tyne and Wear, NE33 5QU Classification: PVC-U Products - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8NW (S)	498	-	436249 566548
136	Contemporary Trade Directory Entries Name: Arndale Engineering Location: D-E, Unit, Western Approach, South Shields, Tyne and Wear, NE33 5NN Classification: Nuts, Bolts & Fixings Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (S)	521	-	436285 566519
136	Contemporary Trade Directory Entries Name: Ats Euromaster Ltd Location: Western Approach, South Shields, Tyne & Wear, NE33 5QU Classification: Tyre Dealers Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A8SW (S)	543	-	436244 566504

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
137	Contemporary Trade Directory Entries Name: Able Handyman And Decorating Services Location: 25, Trajan Street, South Shields, Tyne and Wear, NE33 2AW Classification: Glass Fibre Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (N)	514	-	436571 567791
138	Contemporary Trade Directory Entries Name: Performance Cars Location: 29-35, Maxwell Street, South Shields, Tyne and Wear, NE33 4PU Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	524	-	436371 566513
138	Contemporary Trade Directory Entries Name: Maxwell Street Motors Location: 32, Maxwell Street, South Shields, Tyne and Wear, NE33 4PU Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	547	-	436332 566490
138	Contemporary Trade Directory Entries Name: Gary Tuck Workshops Ltd Location: 37-38, Maxwell Street, South Shields, Tyne and Wear, NE33 4PU Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (S)	568	-	436364 566469
139	Contemporary Trade Directory Entries Name: Four Seasons Location: 36, Trajan Avenue, South Shields, Tyne and Wear, NE33 2AN Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	544	-	436628 567791
140	Contemporary Trade Directory Entries Name: Malac Trading Ltd Location: Commercial Rd, South Shields, Tyne and Wear, NE33 1RP Classification: Marine Engineers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A7NE (SW)	546	-	435956 566656
141	Contemporary Trade Directory Entries Name: Harkers Mot Location: Tudor Road, South Shields, Tyne and Wear, NE33 4PQ Classification: Mot Testing Centres Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (S)	562	-	436128 566519
141	Contemporary Trade Directory Entries Name: Tudor Road Garage Location: Tudor Rd, South Shields, Tyne & Wear, NE33 4PQ Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8NW (S)	575	-	436092 566522
141	Contemporary Trade Directory Entries Name: Tyneside Car Sales Ltd Location: Tudor Road, South Shields, Tyne and Wear, NE33 5RD Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	584	-	436126 566496
141	Contemporary Trade Directory Entries Name: Tyneside Car Sales Location: Tudor Road, South Shields, Tyne and Wear, NE33 5RD Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	584	-	436126 566496
142	Contemporary Trade Directory Entries Name: Sealane Inshore Ltd Location: Wapping Street, South Shields, Tyne and Wear, NE33 1LQ Classification: Marine Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	572	-	435943 567786
143	Contemporary Trade Directory Entries Name: Henderson Motors Location: Maxwell St, South Shields, Tyne and Wear, NE33 4PU Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8SE (S)	573	-	436354 566464

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
143	Contemporary Trade Directory Entries Name: G & N'S Location: Maxwell St, South Shields, Tyne & Wear, NE33 4PU Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8SE (S)	583	-	436354 566454
143	Contemporary Trade Directory Entries Name: Beacon Safety Showers Location: Beacon House, Maxwell St, South Shields, Tyne and Wear, NE33 4PU Classification: Glass Fibre Moulding, Materials & Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8SE (S)	591	-	436355 566446
143	Contemporary Trade Directory Entries Name: C V N Print Location: 42, Maxwell Street, South Shields, Tyne and Wear, NE33 4PU Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	601	-	436331 566436
143	Contemporary Trade Directory Entries Name: Lees Cleaning Services Location: 43 Maxwell St, South Shields, Tyne & Wear, NE33 4PU Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Manually positioned to the address or location	A8SE (S)	619	-	436364 566418
143	Contemporary Trade Directory Entries Name: Smh Products Ltd Location: 29-35, Maxwell Street, South Shields, Tyne and Wear, NE33 4PU Classification: Glass Fibre Moulding, Materials & Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	621	-	436327 566416
144	Contemporary Trade Directory Entries Name: Be Modern Ltd Location: Western Approach, South Shields, Tyne and Wear, NE33 5QZ Classification: Fireplaces & Mantelpieces Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	588	-	436184 566472
144	Contemporary Trade Directory Entries Name: North Eastern Distribution Location: Western Approach, South Shields, Tyne and Wear, NE33 5QZ Classification: Fireplaces & Mantelpieces Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	588	-	436184 566472
144	Contemporary Trade Directory Entries Name: Tandem Beck Location: Amne Buildings, Tudor Rd, South Shields, Tyne and Wear, NE33 5RD Classification: Textile Manufacturing Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8SW (S)	620	-	436152 566448
145	Contemporary Trade Directory Entries Name: Tyne Slipway & Engineering Location: Commercial Rd, South Shields, Tyne and Wear, NE33 1RP Classification: Ship Builders, Repairs & Fittings Status: Active Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	591	-	435880 566675
145	Contemporary Trade Directory Entries Name: Falcon Engineering Location: 4, Cone Street, South Shields, Tyne and Wear, NE33 1RE Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	618	-	435876 566639
146	Contemporary Trade Directory Entries Name: Susan Hawes Design Location: 26, Lawe Road, South Shields, Tyne and Wear, NE33 2EX Classification: Wallpapers & Wall Coverings Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	602	-	436848 567636
147	Contemporary Trade Directory Entries Name: Osborne Motor Transport Ltd Location: Commercial Road, South Shields, Tyne and Wear, NE33 1RQ Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	624	-	435968 566541

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
148	Contemporary Trade Directory Entries Name: Gordon Briggs Location: Domestic Appliance Centre, 87, Westoe Road, South Shields, Tyne and Wear, NE33 4LX Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	624	-	436721 566516
148	Contemporary Trade Directory Entries Name: Walter Metcalfe Location: 101, Westoe Road, South Shields, Tyne and Wear, NE33 4LX Classification: Wallpapers & Wall Coverings Status: Active Positional Accuracy: Automatically positioned to the address	A9SW (SE)	651	-	436724 566487
149	Contemporary Trade Directory Entries Name: 3d Location: 51, Newmarket Walk, South Shields, Tyne and Wear, NE33 4NP Classification: Breakdown and Recovery Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	625	-	436564 566449
150	Contemporary Trade Directory Entries Name: Northeast Engineering & Supply Co Ltd Location: Wapping St, South Shields, Tyne & Wear, NE33 1LQ Classification: Marine Engineers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18NW (N)	628	-	436046 567907
150	Contemporary Trade Directory Entries Name: Can'T Stop Won'T Stop Cleaning Services Location: Wapping St, South Shields, Tyne And Wear, NE33 1LQ Classification: Cleaning Services - Domestic Status: Active Positional Accuracy: Manually positioned within the geographical locality	A17NE (NW)	629	-	436003 567889
151	Contemporary Trade Directory Entries Name: Bizzy (UK) Location: 129, Victoria Road, South Shields, Tyne and Wear, NE33 4LP Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	638	-	436506 566419
151	Contemporary Trade Directory Entries Name: Bizzy Location: 129, Victoria Road, South Shields, Tyne and Wear, NE33 4LP Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	638	-	436506 566419
152	Contemporary Trade Directory Entries Name: Saft Ltd Location: River Dr, South Shields, Tyne And Wear, NE33 2TR Classification: Battery Manufacturers & Supplies Status: Active Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	666	-	436223 567998
153	Contemporary Trade Directory Entries Name: Trinity Motors Location: A, 140, Commercial Road, South Shields, Tyne and Wear, NE33 1RQ Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	682	-	435899 566523
153	Contemporary Trade Directory Entries Name: Stans Location: 140a, Commercial Road, South Shields, Tyne and Wear, NE33 1RQ Classification: Mechanical Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	682	-	435899 566523
153	Contemporary Trade Directory Entries Name: Stan'S Car Sales Location: A, 140, Commercial Road, South Shields, Tyne and Wear, NE33 1RQ Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	682	-	435899 566523

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
153	Contemporary Trade Directory Entries Name: J R Selby Engineering Ltd Location: Commercial Road, South Shields, Tyne and Wear, NE33 1RQ Classification: Sheet Metal Work Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	705	-	435913 566481
153	Contemporary Trade Directory Entries Name: J R Selby Coachworks Ltd Location: Commercial Road, South Shields, Tyne and Wear, NE33 1RQ Classification: Commercial Vehicle Bodybuilders & Repairers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	706	-	435913 566481
154	Contemporary Trade Directory Entries Name: Saft Location: River Dr, South Shields, Tyne & Wear, NE33 2TR Classification: Battery Manufacturers & Supplies Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	685	-	436362 568024
154	Contemporary Trade Directory Entries 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	A18NE (N)	715	-	436382 568053
155	Contemporary Trade Directory Entries Name: I T C Location: Nile Street, South Shields, Tyne and Wear, NE33 1RH Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	718	-	435798 566575
155	Contemporary Trade Directory Entries Name: Bm Screen Location: Unit 8, 12, Nile Street, South Shields, Tyne and Wear, NE33 1RH Classification: Screen Process Printers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	731	-	435801 566551
155	Contemporary Trade Directory Entries Name: Blades Location: Unit 8, 12, Nile Street, South Shields, Tyne and Wear, NE33 1RH Classification: Tool Sharpening, Repairing & Servicing Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	732	-	435801 566551
156	Contemporary Trade Directory Entries Name: C J Print Location: Riverside Ho, Commercial Rd, South Shields, Tyne & Wear, NE33 1RW Classification: Printers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A7SE (SW)	739	-	435862 566480
157	Contemporary Trade Directory Entries Name: Decorative Shades 2 Location: 14, New Green Street, SOUTH SHIELDS, Tyne and Wear, NE33 5DL Classification: Painting & Decorating Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	741	-	436168 566318
158	Contemporary Trade Directory Entries 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	A18NE (N)	772	-	436382 568110
159	Contemporary Trade Directory Entries Name: Steward Site Engineering Ltd Location: 28, Frost Mews, South Shields, Tyne and Wear, NE33 4AL Classification: Agricultural Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (S)	778	-	436463 566267
160	Contemporary Trade Directory Entries Name: Baps Location: Hill Street, South Shields, Tyne and Wear, NE33 1RN Classification: Packaging & Wrapping Equipment & Supplies Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A7SE (SW)	786	-	435763 566512

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
160	Contemporary Trade Directory Entries Name: Charles W Taylor & Son Ltd Location: 30 Hill St, South Shields, Tyne & Wear, NE33 1RN Classification: Foundries Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A7SE (SW)	794	-	435781 566480
160	Contemporary Trade Directory Entries Name: Cammell Laird Location: Hill St, South Shields, Tyne & Wear, NE33 1RN Classification: Ship Builders, Repairs & Fittings Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A7SE (SW)	799	-	435765 566490
161	Contemporary Trade Directory Entries Name: Tyne Auto Location: Hill Street, South Shields, Tyne and Wear, NE33 1RN Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	806	-	435811 566436
161	Contemporary Trade Directory Entries Name: Jennings Of South Shields Location: Commercial Road, South Shields, Tyne and Wear, NE33 1RW Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	831	-	435790 566421
162	Contemporary Trade Directory Entries Name: Westoe Electricals Location: 1, Madeira Terrace, South Shields, Tyne and Wear, NE33 3AQ Classification: Electrical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	809	-	436816 566358
163	Contemporary Trade Directory Entries Name: Ferry Slipway Location: 1 Brewery Quay, North Shields, Tyne & Wear, NE29 6LQ Classification: Boatbuilders & Repairers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A17NW (NW)	857	-	435620 567870
163	Contemporary Trade Directory Entries Name: Cartech Auto Centre Location: New Quay, North Shields, Tyne & Wear, NE29 6LQ Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A17NW (NW)	860	-	435620 567874
164	Contemporary Trade Directory Entries Name: Merry Maids Location: 130, Westoe Road, South Shields, Tyne and Wear, NE33 3PF Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	874	-	436807 566278
164	Contemporary Trade Directory Entries Name: Merry Maids Location: 130, Westoe Road, South Shields, Tyne and Wear, NE33 3PF Classification: Cleaning Services - Domestic Status: Active Positional Accuracy: Automatically positioned to the address	A9SW (SE)	874	-	436807 566278
164	Contemporary Trade Directory Entries Name: Servicemaster Contract Services Location: 130, Westoe Road, South Shields, Tyne and Wear, NE33 3PF Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address	A9SW (SE)	874	-	436807 566278
165	Contemporary Trade Directory Entries Name: Peterson Printers Location: 12, Laygate, South Shields, Tyne and Wear, NE33 5RP Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	877	-	435883 566293
166	Contemporary Trade Directory Entries Name: Mvh Motors Location: 6, Laygate, South Shields, Tyne and Wear, NE33 1SH Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	879	-	435835 566323

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
166	Contemporary Trade Directory Entries Name: D M Auto Services Location: 6, Laygate, South Shields, Tyne and Wear, NE33 1SH Classification: Mechanical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	879	-	435835 566323
166	Contemporary Trade Directory Entries Name: Premier Motor Co Location: 6, Laygate, South Shields, Tyne and Wear, NE33 1SH Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned to the address or location	A7SE (SW)	879	-	435835 566323
166	Contemporary Trade Directory Entries Name: John Nicol Location: 4, Laygate, South Shields, Tyne and Wear, NE33 1SH Classification: Wrought Ironwork Status: Active Positional Accuracy: Automatically positioned to the address	A7SE (SW)	881	-	435829 566325
167	Contemporary Trade Directory Entries Name: Community Design & Print Location: 9-13, Frederick Street, South Shields, Tyne and Wear, NE33 5DY Classification: Photocopiers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	880	-	436123 566186
167	Contemporary Trade Directory Entries Name: Buyproducts Location: 17, Frederick Street, South Shields, Tyne and Wear, NE33 5DY Classification: Hardware Status: Inactive Positional Accuracy: Automatically positioned to the address	A3NW (S)	908	-	436117 566159
168	Contemporary Trade Directory Entries Name: Bizzy Uk Cleaning Services Location: 146 Westoe Rd, South Shields, Tyne & Wear, NE33 3PH Classification: Cleaning Services - Commercial Status: Inactive Positional Accuracy: Manually positioned to the address or location	A9SW (SE)	925	-	436836 566236
169	Contemporary Trade Directory Entries Name: Select Car Centre Location: Commercial Rd, South Shields, Tyne & Wear, NE33 1SE Classification: Car Dealers - Used Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A7SE (SW)	925	-	435776 566310
170	Contemporary Trade Directory Entries Name: Timber Line (Diy) Ltd Location: 38, Frederick Street, South Shields, Tyne and Wear, NE33 5EA Classification: Fencing Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A3NW (S)	947	-	436070 566132
171	Contemporary Trade Directory Entries Name: Dowse Crane Hire Location: Dock Road, North Shields, Tyne and Wear, NE29 6EH Classification: Crane Hire, Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A11NE (W)	978	-	435317 567487
171	Contemporary Trade Directory Entries Name: Dowse Crane Hire Location: Dock Road, North Shields, Tyne and Wear, NE29 6EH Classification: Crane Hire, Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A11NE (W)	978	-	435317 567487
171	Contemporary Trade Directory Entries Name: Dowse Crane Hire Location: Dock Road, North Shields, Tyne and Wear, NE29 6EH Classification: Crane Hire, Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A11NE (W)	978	-	435317 567487
171	Contemporary Trade Directory Entries Name: Dowse Vehicle Hire Ltd Location: Dock Road, North Shields, Tyne and Wear, NE29 6EH Classification: Crane Hire, Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A11NE (W)	978	-	435317 567487

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
171	Contemporary Trade Directory Entries Name: Dowse Crane Hire Location: Dock Road, North Shields, Tyne and Wear, NE29 6EH Classification: Crane Hire, Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A11NE (W)	978	-	435317 567487
171	Contemporary Trade Directory Entries Name: Dowse Crane Hire Location: Dock Road, North Shields, Tyne and Wear, NE29 6EH Classification: Crane Hire, Sales & Service Status: Active Positional Accuracy: Automatically positioned to the address	A11NE (W)	978	-	435317 567487
172	Contemporary Trade Directory Entries Name: Kwik-Fit Location: 134, Laygate, South Shields, Tyne and Wear, NE33 4JD Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A3NW (S)	981	-	436282 566058
173	Contemporary Trade Directory Entries Name: Intertank Services Ltd Location: 16, Mowbray Road, South Shields, Tyne and Wear, NE33 3AU Classification: Tank Cleaning & Repairing Status: Active Positional Accuracy: Automatically positioned to the address	A9SE (SE)	984	-	437038 566299
174	Contemporary Trade Directory Entries Name: Port Of Tyne Authority Location: Neville House, Bell Street, North Shields, Tyne and Wear, NE30 1LJ Classification: Ports, Docks & Harbours Status: Active Positional Accuracy: Automatically positioned to the address	A22SE (NW)	988	-	435894 568233
174	Contemporary Trade Directory Entries Name: Coselt Kenmore Location: 1, Liddell Street, North Shields, Tyne and Wear, NE30 1HE Classification: Firefighting Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A22SE (NW)	989	-	435872 568224
175	Contemporary Trade Directory Entries Name: C & M Metal Recycling Ltd Location: Appleby St, North Shields, Tyne & Wear, NE29 6TE Classification: Scrap Metal Merchants Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A17SW (NW)	1000	-	435334 567646
176	Fuel Station Entries Name: Garden Lane Service Station Location: Garden Lane, South SHIELDS, Tyne & Wear, NE33 1PS Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Manually positioned to the address or location	A13SW (S)	53	-	436297 567023
177	Fuel Station Entries Name: Total Town Hall Location: Cross Gate, South Shields, Tyne & Wear, NE33 5QX Brand: Total Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A8NE (SE)	264	-	436508 566812













Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices City of Newcastle upon Tyne Council - Environmental Health Department South Tyneside Metropolitan Borough Council - Neighbourhood Services North Tyneside Metropolitan Borough Council - Environmental Health Department	January 2013 March 2013 September 2012	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - North East Region	April 2013	Quarterly
Enforcement and Prohibition Notices Environment Agency - North East Region	March 2013	Quarterly
Integrated Pollution Controls Environment Agency - North East Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - North East Region	April 2013	Quarterly
Local Authority Integrated Pollution Prevention And Control City of Newcastle upon Tyne Council - Environmental Health Department North Tyneside Metropolitan Borough Council - Environmental Health Department South Tyneside Metropolitan Borough Council - Environmental Health Department	June 2013 November 2012 September 2012	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Controls City of Newcastle upon Tyne Council - Environmental Health Department North Tyneside Metropolitan Borough Council - Environmental Health Department South Tyneside Metropolitan Borough Council - Environmental Health Department	June 2013 November 2012 September 2012	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements City of Newcastle upon Tyne Council - Environmental Health Department North Tyneside Metropolitan Borough Council - Environmental Health Department South Tyneside Metropolitan Borough Council - Environmental Health Department	June 2013 November 2012 September 2012	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	July 2012	Quarterly
Pollution Incidents to Controlled Waters Environment Agency - North East Region	December 1998	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - North East Region	March 2013	Quarterly
Prosecutions Relating to Controlled Waters Environment Agency - North East Region	March 2013	Quarterly
Registered Radioactive Substances Environment Agency - North East Region	April 2013	Quarterly
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency - North East Region - North East Area Environment Agency - North East Region - Northumbria Area	April 2013 April 2013	Quarterly Quarterly
Water Abstractions Environment Agency - North East Region	April 2013	Quarterly
Water Industry Act Referrals Environment Agency - North East Region	April 2013	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	January 2011	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable

Agency & Hydrological	Version	Update Cycle
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	October 2012	Annually
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	October 2012	Annually
Source Protection Zones Environment Agency - Head Office	March 2013	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	April 2013	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	April 2013	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	April 2013	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	April 2013	Quarterly
Flood Defences Environment Agency - Head Office	April 2013	Quarterly
Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - North East Region - North East Area Environment Agency - North East Region - Northumbria Area	April 2013 April 2013	Quarterly Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - North East Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North East Region - North East Area Environment Agency - North East Region - Northumbria Area	April 2013 April 2013	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North East Region - North East Area Environment Agency - North East Region - Northumbria Area	April 2013 April 2013	Quarterly Quarterly
Local Authority Landfill Coverage City of Newcastle upon Tyne Council - Environmental Health Department North Tyneside Metropolitan Borough Council - Environmental Health Department South Tyneside Metropolitan Borough Council - Planning Department	May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites City of Newcastle upon Tyne Council - Environmental Health Department North Tyneside Metropolitan Borough Council - Environmental Health Department South Tyneside Metropolitan Borough Council - Planning Department	May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable
Registered Landfill Sites Environment Agency - North East Region - Northumbria Area	March 2003	Not Applicable
Registered Waste Transfer Sites Environment Agency - North East Region - Northumbria Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - North East Region - Northumbria Area	March 2003	Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	March 2013	Bi-Annually
Explosive Sites Health and Safety Executive	March 2013	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements South Tyneside Metropolitan Borough Council - Planning Department City of Newcastle upon Tyne Council North Tyneside Metropolitan Borough Council - Development Function	April 2013 August 2012 August 2012	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Planning Hazardous Substance Consents South Tyneside Metropolitan Borough Council - Planning Department City of Newcastle upon Tyne Council North Tyneside Metropolitan Borough Council - Development Function	April 2013 August 2012 August 2012	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	August 1996	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	January 2010	Variable
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	April 2013	Bi-Annually
Brine Compensation Area Cheshire Brine Subsidence Compensation Board	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Mining Report Service	January 2012	As notified
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	February 2011	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	February 2011	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	As notified

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	May 2013	Quarterly
Fuel Station Entries Catalist Ltd - Experian	May 2013	Quarterly
Sensitive Land Use	Version	Update Cycle
Areas of Adopted Green Belt City of Newcastle upon Tyne Council North Tyneside Metropolitan Borough Council South Tyneside Metropolitan Borough Council - Planning Department	May 2013 May 2013 May 2013	As notified As notified As notified
Areas of Unadopted Green Belt City of Newcastle upon Tyne Council North Tyneside Metropolitan Borough Council South Tyneside Metropolitan Borough Council - Planning Department	May 2013 May 2013 May 2013	As notified As notified As notified
Areas of Outstanding Natural Beauty Natural England	July 2013	Bi-Annually
Environmentally Sensitive Areas Natural England	July 2013	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	July 2013	Bi-Annually
Marine Nature Reserves Natural England	July 2013	Bi-Annually
National Nature Reserves Natural England	July 2013	Bi-Annually
National Parks Natural England	July 2013	Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2012	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2013	Annually
Ramsar Sites Natural England	July 2013	Bi-Annually
Sites of Special Scientific Interest Natural England	July 2013	Bi-Annually
Special Areas of Conservation Natural England	July 2013	Bi-Annually
Special Protection Areas Natural England	July 2013	Bi-Annually

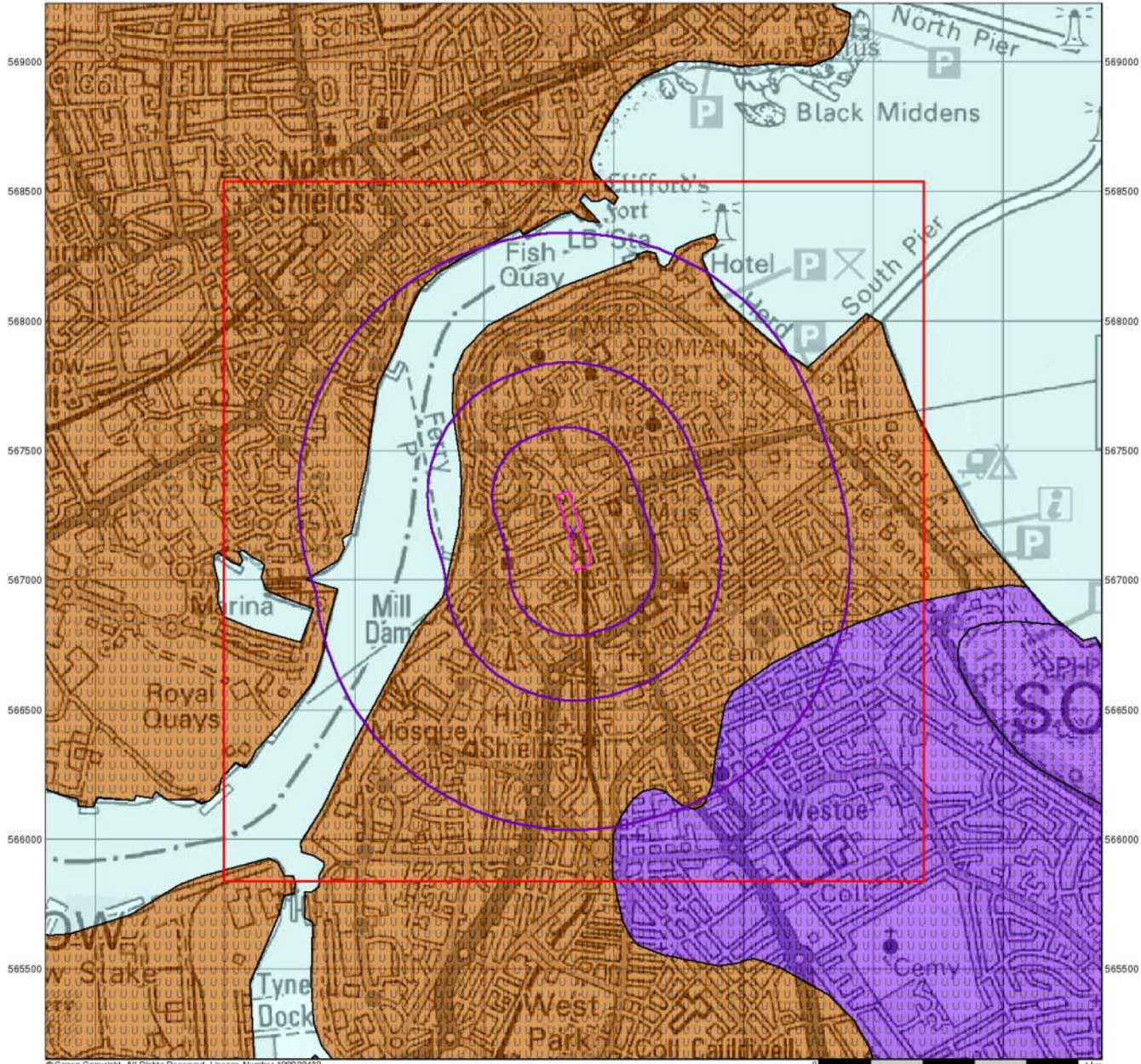
A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	 <p>Ordnance Survey Licensed Partner</p>
Environment Agency	 <p>Environment Agency</p>
Scottish Environment Protection Agency	 <p>SEPA Scottish Environment Protection Agency</p>
The Coal Authority	 <p>THE COAL AUTHORITY</p>
British Geological Survey	 <p>British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL</p>
Centre for Ecology and Hydrology	 <p>Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL</p>
Countryside Council for Wales	 <p>CYNGOR CEFN GWLAD CYMRU COUNTRYSIDE COUNCIL FOR WALES</p>
Scottish Natural Heritage	 <p>SCOTTISH NATURAL HERITAGE</p>
Natural England	 <p>NATURAL ENGLAND</p>
Health Protection Agency	 <p>Health Protection Agency</p>
Ove Arup	 <p>ARUP</p>
Peter Brett Associates	 <p>pba peterbrett</p>

Contact	Name and Address	Contact Details
1	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
2	South Tyneside Metropolitan Borough Council - Environmental Health Department 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	North Tyneside Metropolitan Borough Council - Environmental Health Department D1 Quadrant 1L, Quadrant East, Silverlink North,, Cobalt Business Park, North Tyneside, North Shields, NE27 0BY	Telephone: 0345 2000 101 Email: contact.us@northtyneside.gov.uk Website: www.northtyneside.gov.uk
4	British Geological Survey - Enquiry Service 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
5	Health and Safety Executive Explosives Inspectorate, 5S.2 Redgrave Court, Merton Road, Bootle, L20 7HS	Website: www.hse.gov.uk
6	South Tyneside Metropolitan Borough Council - Planning Department 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
7	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmark.co.uk Website: www.landmarkinfo.co.uk
8	The Coal Authority - Mining Report Service 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0845 7626848 Email: thecoalauthority@coal.gov.uk
9	Natural England 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
-	Health Protection Agency - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@hpa.org.uk Website: www.hpa.org.uk
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 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.

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Groundwater Vulnerability

General

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

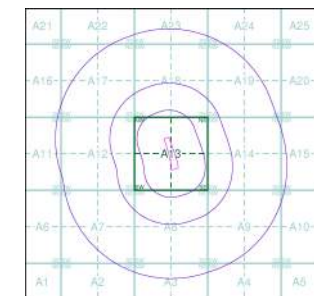
Agency and Hydrological

Geological Classes

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

Soil Classes

Site Sensitivity Context Map - Slice A



Order Details

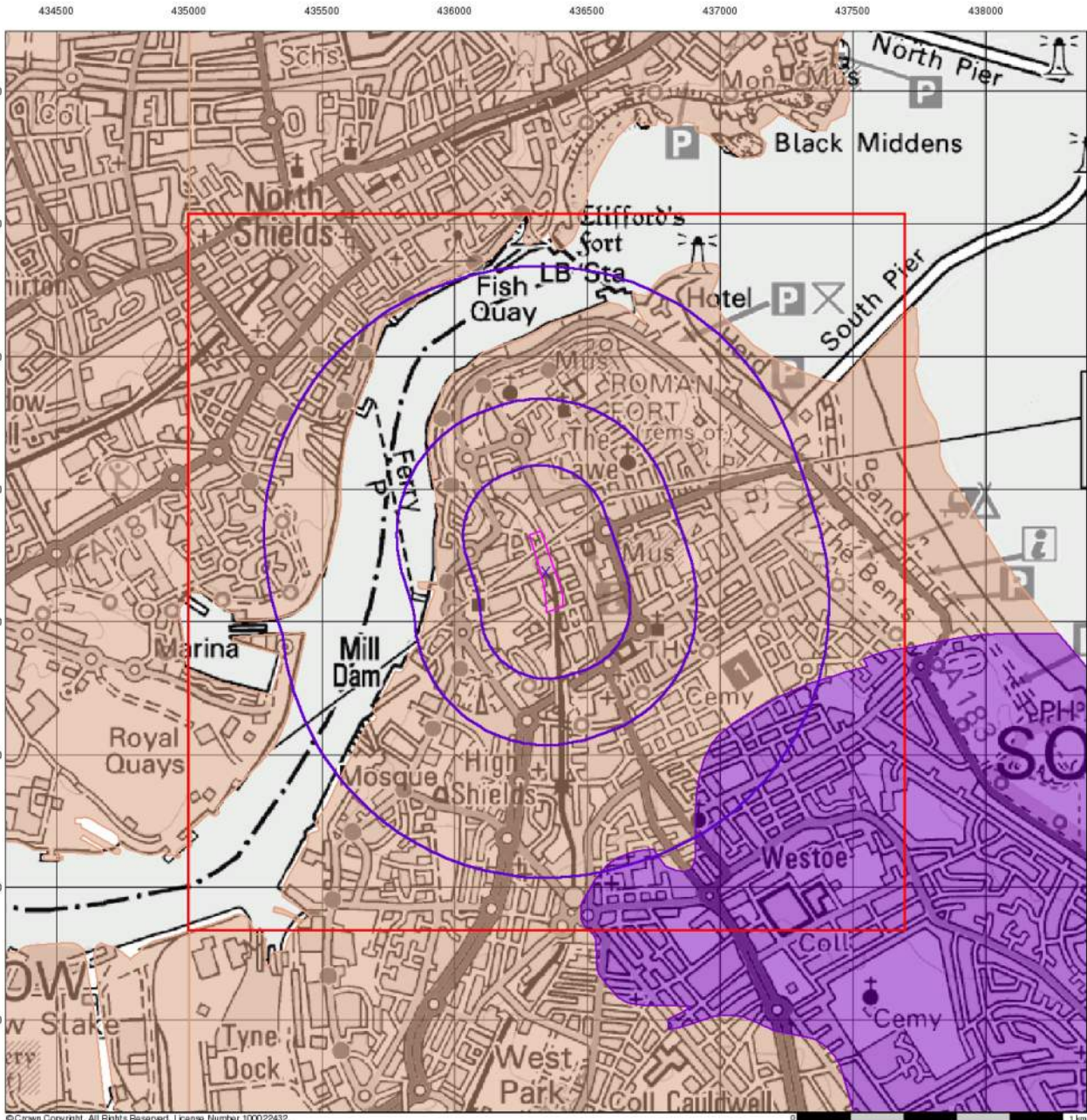
Order Number: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 1000

Site Details

27, East Smyth Street, South Shields, NE33 1BT



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 Fax: 0844 844 9951
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Bedrock Aquifer Designation

General

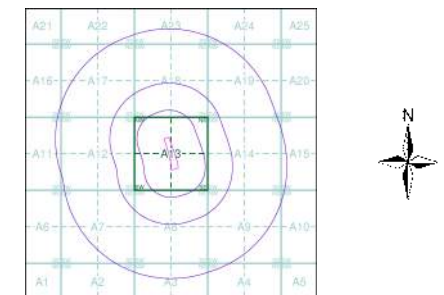
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 1000

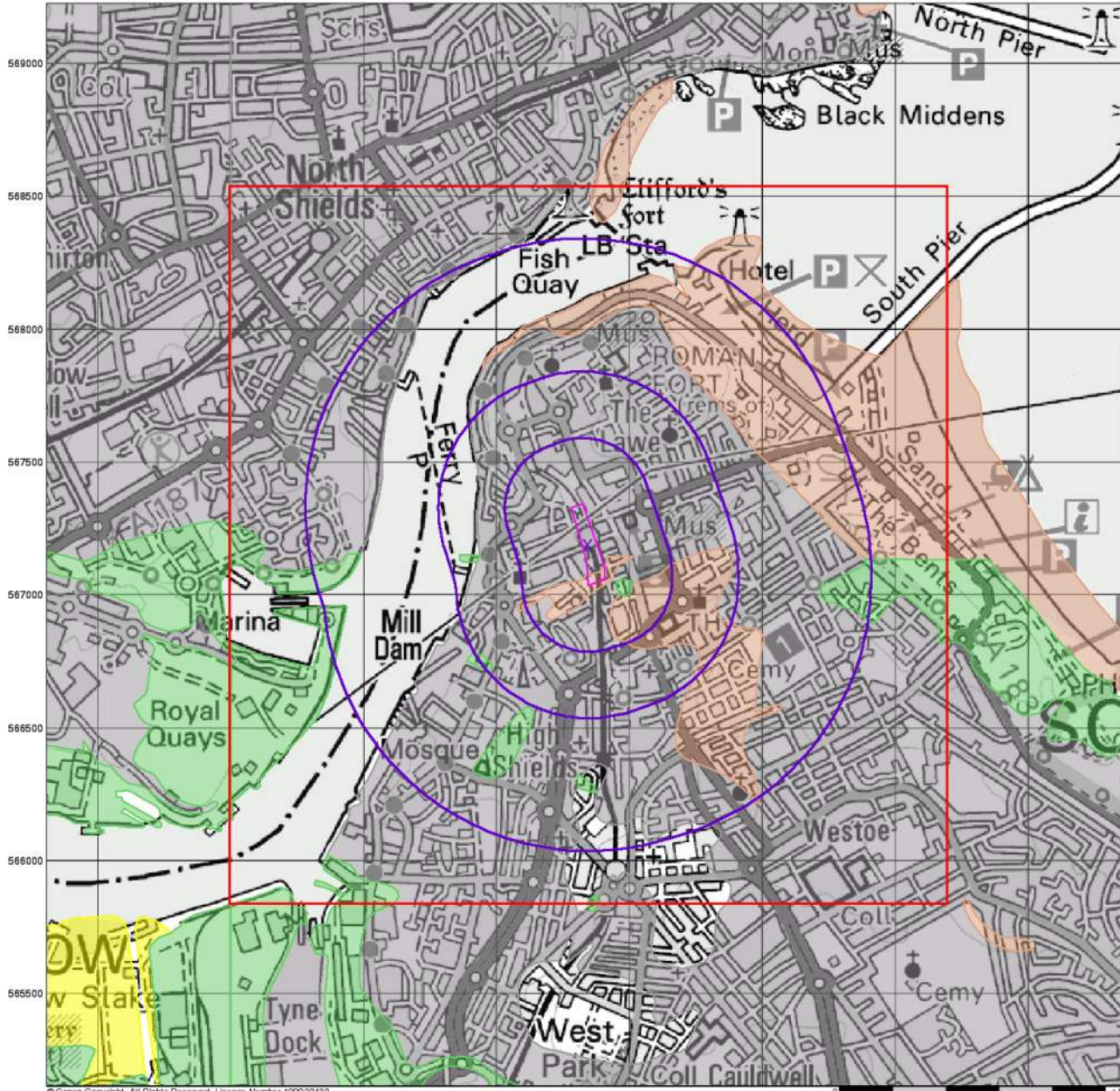
Site Details

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Superficial Aquifer Designation

General

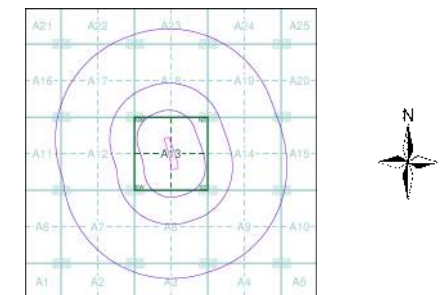
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown

Site Sensitivity Context Map - Slice A



Order Details

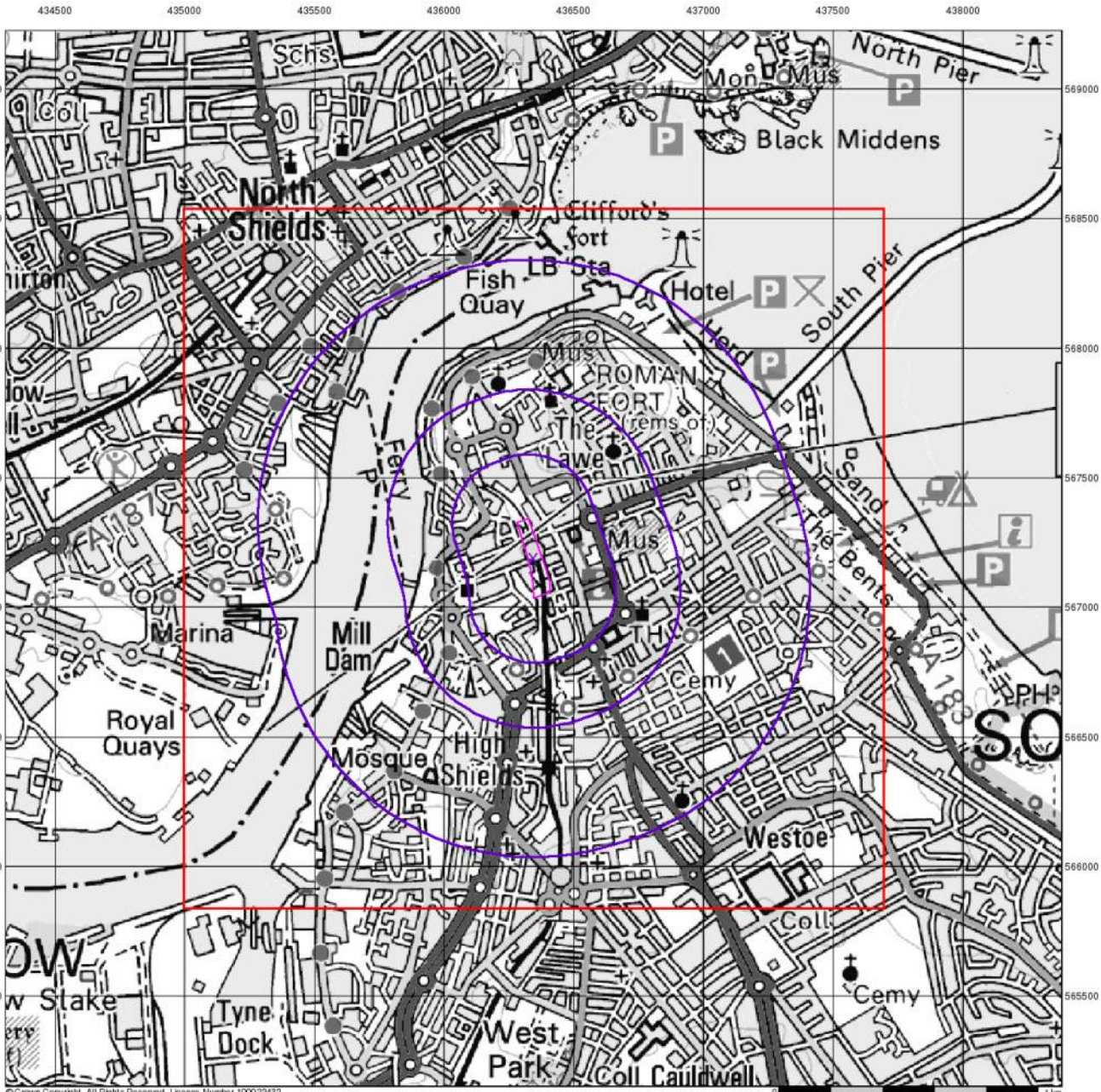
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 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 1000

Site Details

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Source Protection Zones

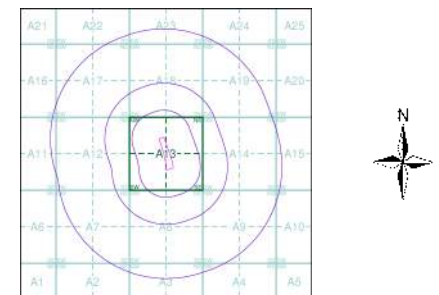
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A



Order Details

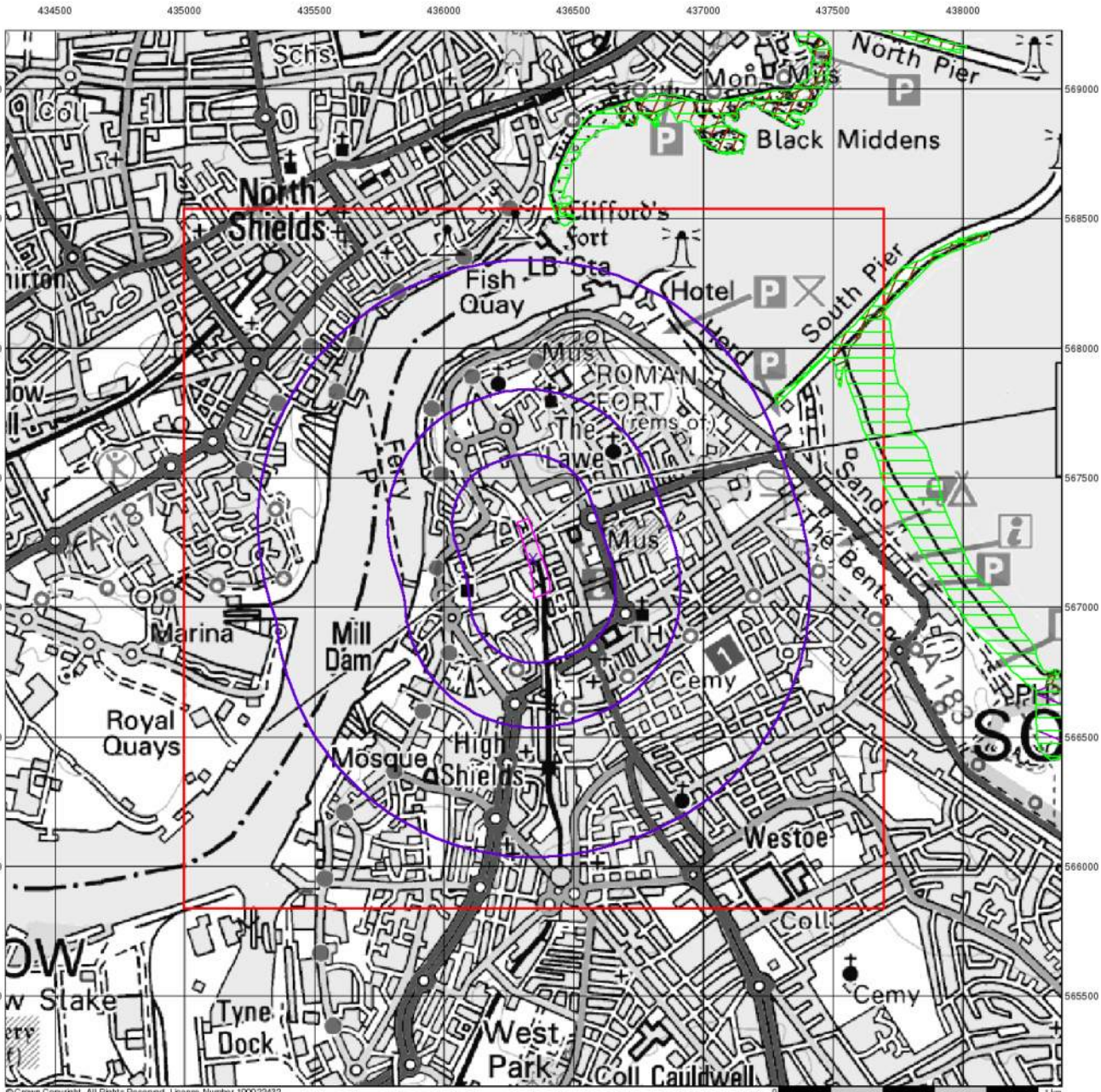
Order Number: 47921799_1_1
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 Site Area (Ha): 1.63
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Sensitive Land Uses

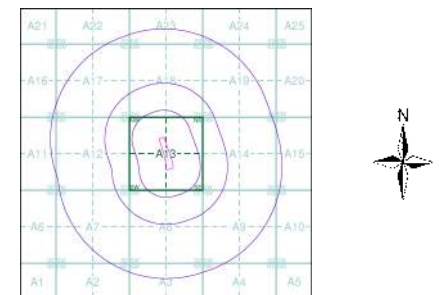
General

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

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 1000

Site Details

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Northumberland

Published 1857

Source map scale - 1:528

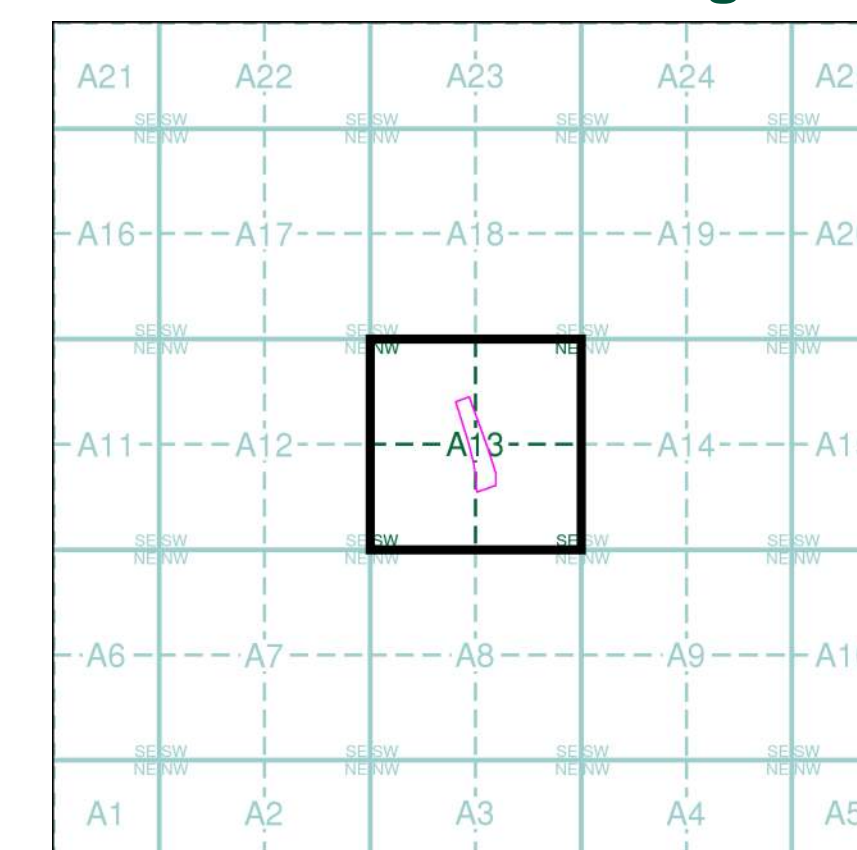
The 1:528 scale Ordnance Survey mapping was adopted in 1850 as an alternative to the 1:1056 scale, that had been deemed to be inadequate for sanitary planning, which had come very much to the fore following the passing of the Public Health Act of 1948. Around 29 towns in England and Wales were surveyed at this scale, the bulk of which were undertaken between 1850 and 1855. These were predominantly towns that were outside the areas being surveyed at 1:10,560 or 1:2500 scale. As well as showing the details characteristic of the later 1:500 plans, they show features of sanitary interest such as privies, taps, cow houses, cess pits, brew and bake houses and cart sheds and stables.

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

Map Name(s) and Date(s)

000_00_031	000_00_032
1857	1857
1:528	1:528
000_00_035	000_00_036
1857	1857
1:528	1:528
000_00_039	000_00_040
1857	1857
1:528	1:528

Historical Town Plan - Segment A13

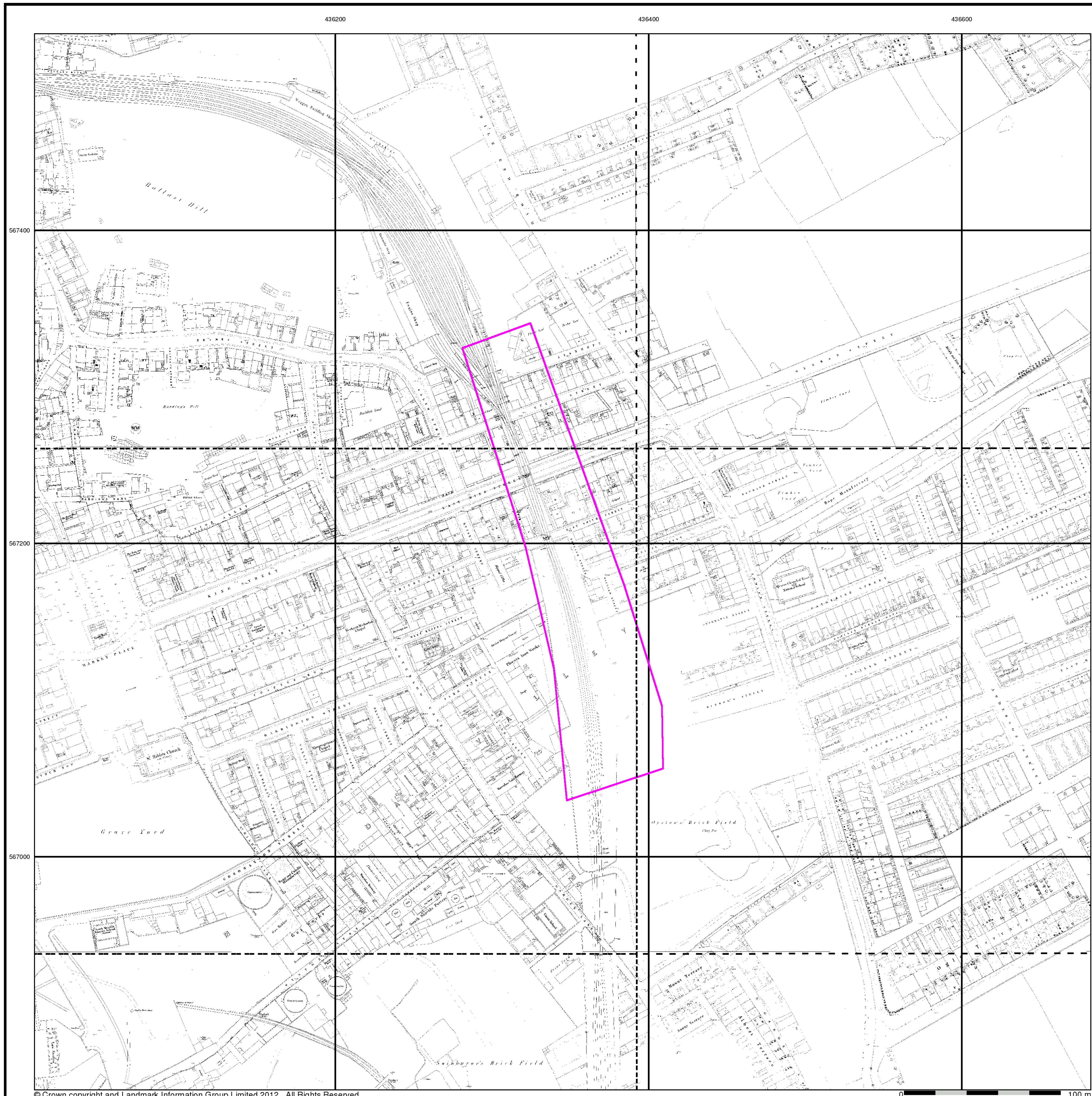


Order Details

Order Number: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 0

Site Details

27, East Smithy Street, South Shields, NE33 1BT



436200

436400

436600



Northumberland

Published 1896

Source map scale - 1:500

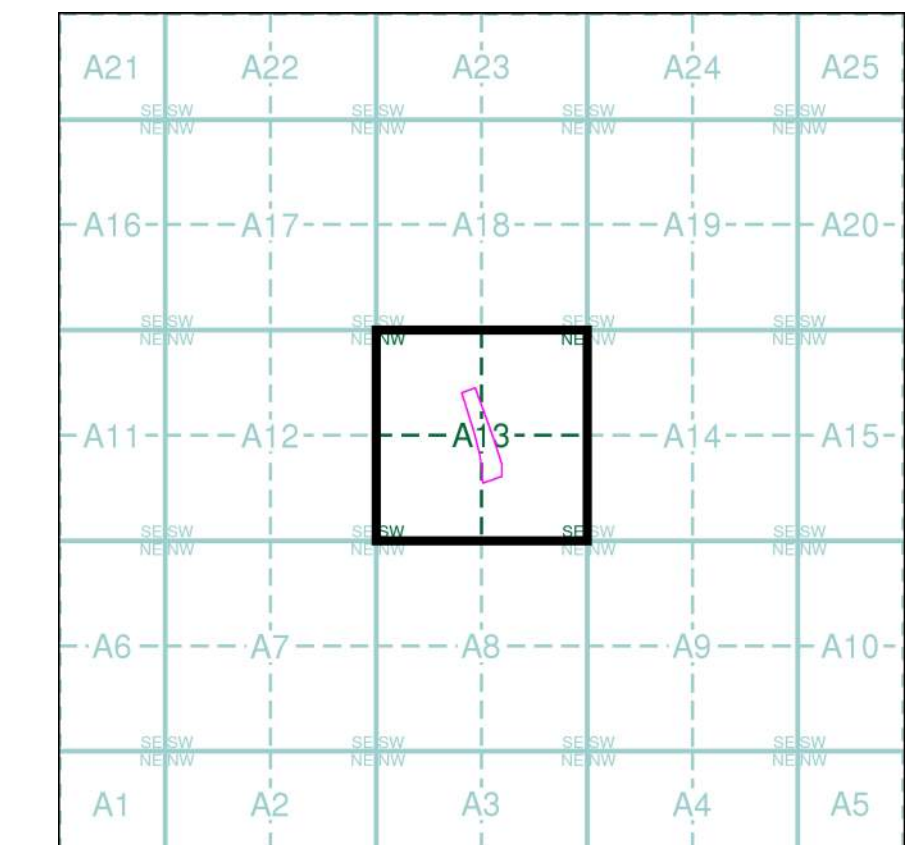
The 1:500 scale Ordnance Survey mapping was introduced in 1855 as a replacement for the 1:528 scale and to complement the 1:2500 scale that had been implemented in 1853. By 1895, the 1:500 scale covered most towns over a population of about 4000 at the time of survey, although very few towns were mapped 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_035 1896 1:500	000_00_036 1896 1:500	000_00_037 1896 1:500
000_00_040 1896 1:500	000_00_041 1896 1:500	000_00_042 1896 1:500
000_00_044 1896 1:500	000_00_045 1896 1:500	000_00_046 1896 1:500

Historical Town Plan - Segment A13



Order Details

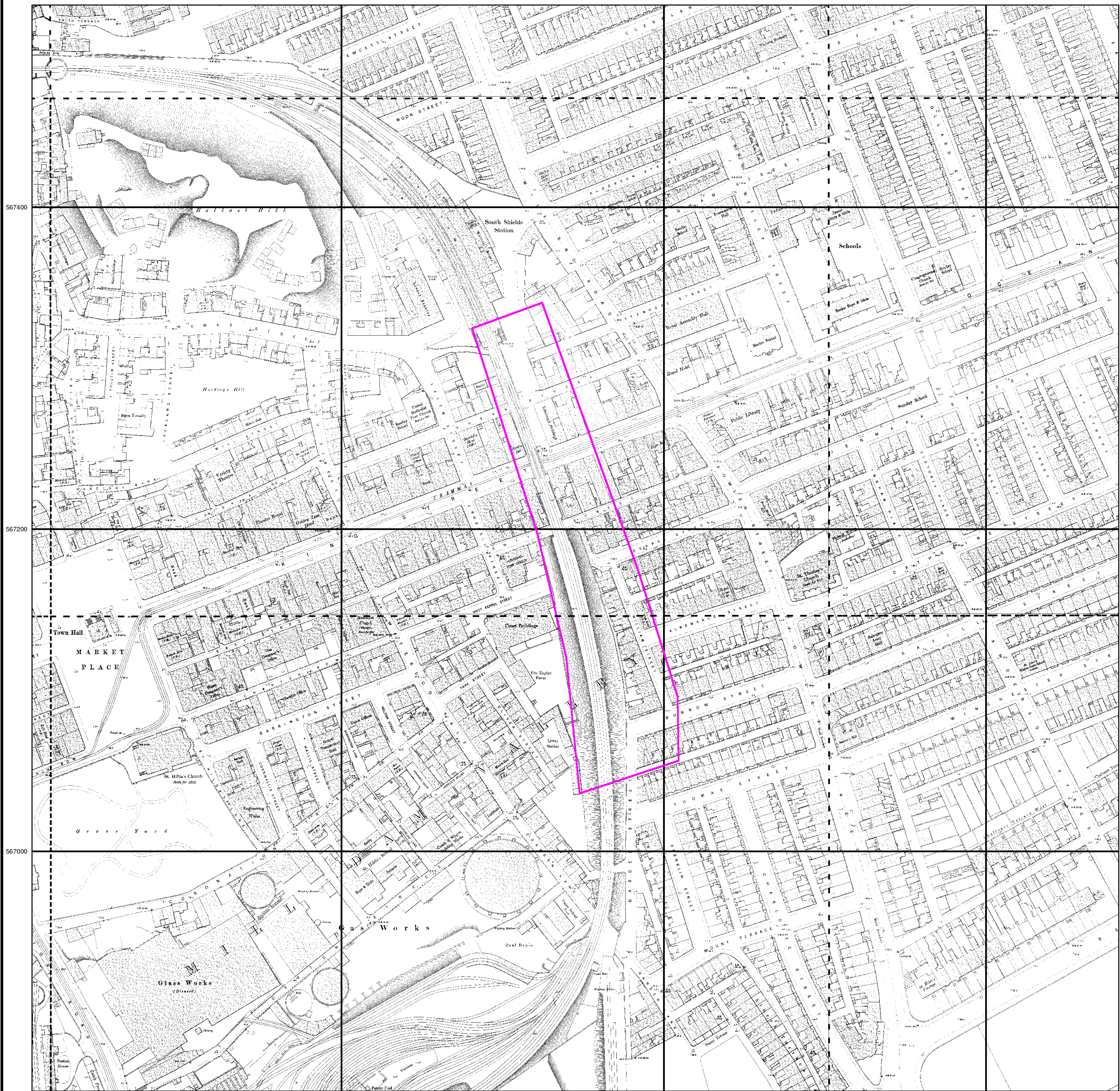
Order Number: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 0

Site Details

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Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Co. Boro. Bdy.
Co. Burgh Bdy.
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **SL** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P** Pillar, Pole or Post
BP, BS Boundary Post or Stone **PO** Post Office
Cn, C Capstan, Crane **PC** Public Convenience
Chy Chimney **PH** Public House
D Fn Drinking Fountain **Pp** Pump
EI P Electricity Pillar or Post **SB, S Br** Signal Box or Bridge
FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

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

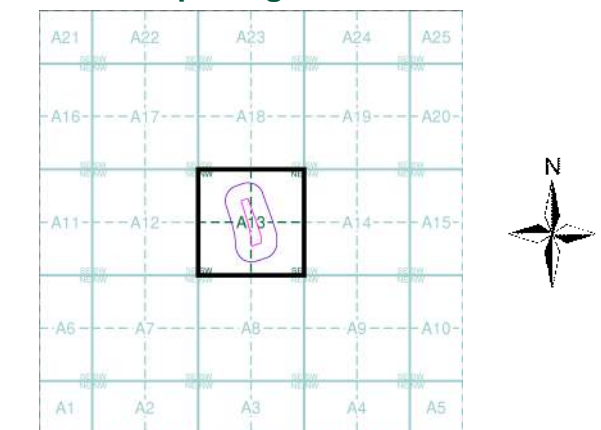
Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well



Historical Mapping & Photography 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	1956	7
Ordnance Survey Plan	1:2,500	1956	8
Ordnance Survey Plan	1:1,250	1963 - 1975	9
Ordnance Survey Plan	1:1,250	1969 - 1989	10
Ordnance Survey Plan	1:2,500	1970	11
Supply of Unpublished Survey Information	1:1,250	1973 - 1975	12
Additional SIMs	1:1,250	1977 - 1985	13
Ordnance Survey Plan	1:1,250	1989 - 1990	14
Additional SIMs	1:1,250	1989 - 1991	15
Large-Scale National Grid Data	1:1,250	1993	16
Large-Scale National Grid Data	1:1,250	1994 - 1995	17

Historical Map - Segment A13



Order Details

Order Number: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 100

Site Details

27, East Smithy Street, South Shields, NE33 1BT



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Durham

Published 1858 - 1881

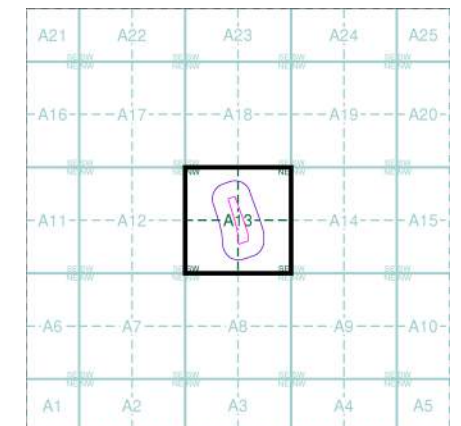
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

004_01
1881
1:2,500
004_05
1858
1:2,500

Historical Map - Segment A13

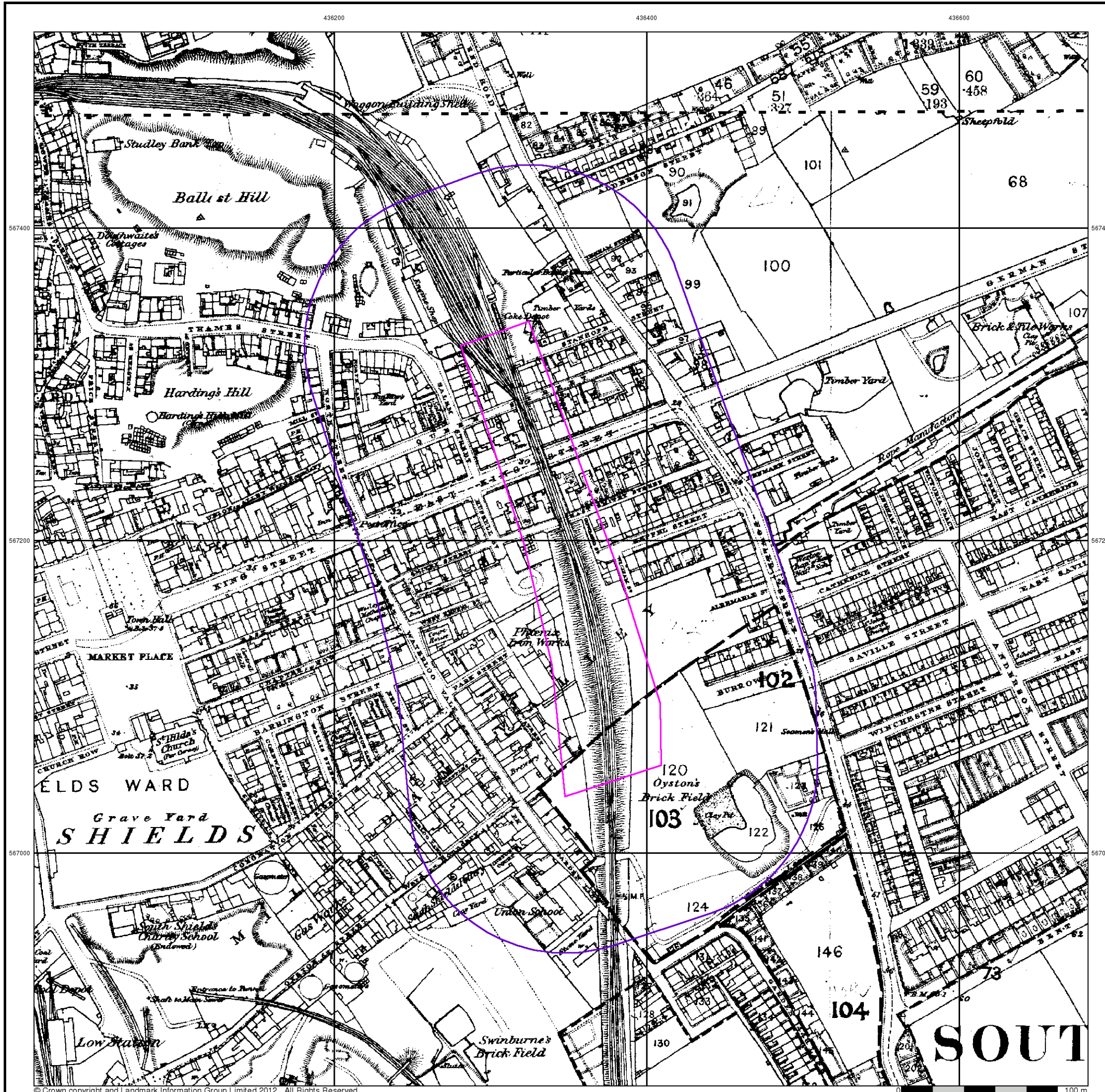


Order Details

Order Number: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 100

Site Details

27, East Smithy Street, South Shields, NE33 1BT



436200

436400

436600

567400

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567200

567200

567000

567000



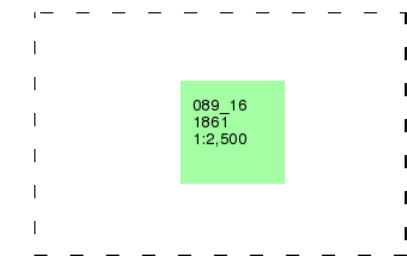
Northumberland

Published 1861

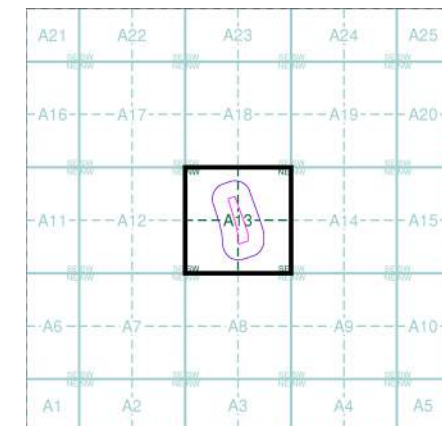
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 47921799_1_1
Customer Ref: South Shields Metro
National Grid Reference: 436340, 567190
Slice: A
Site Area (Ha): 1.63
Search Buffer (m): 100

Site Details

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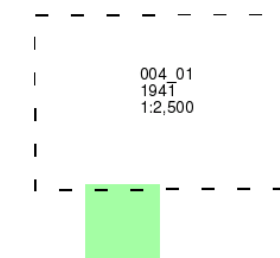
Durham

Published 1941

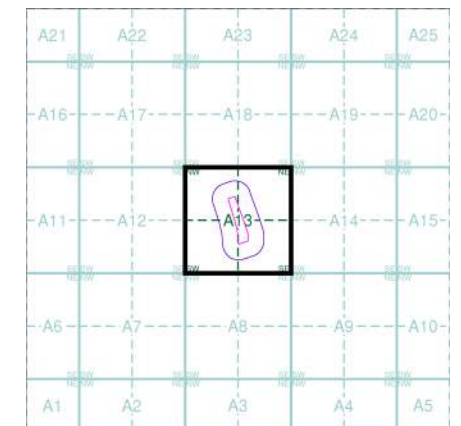
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13

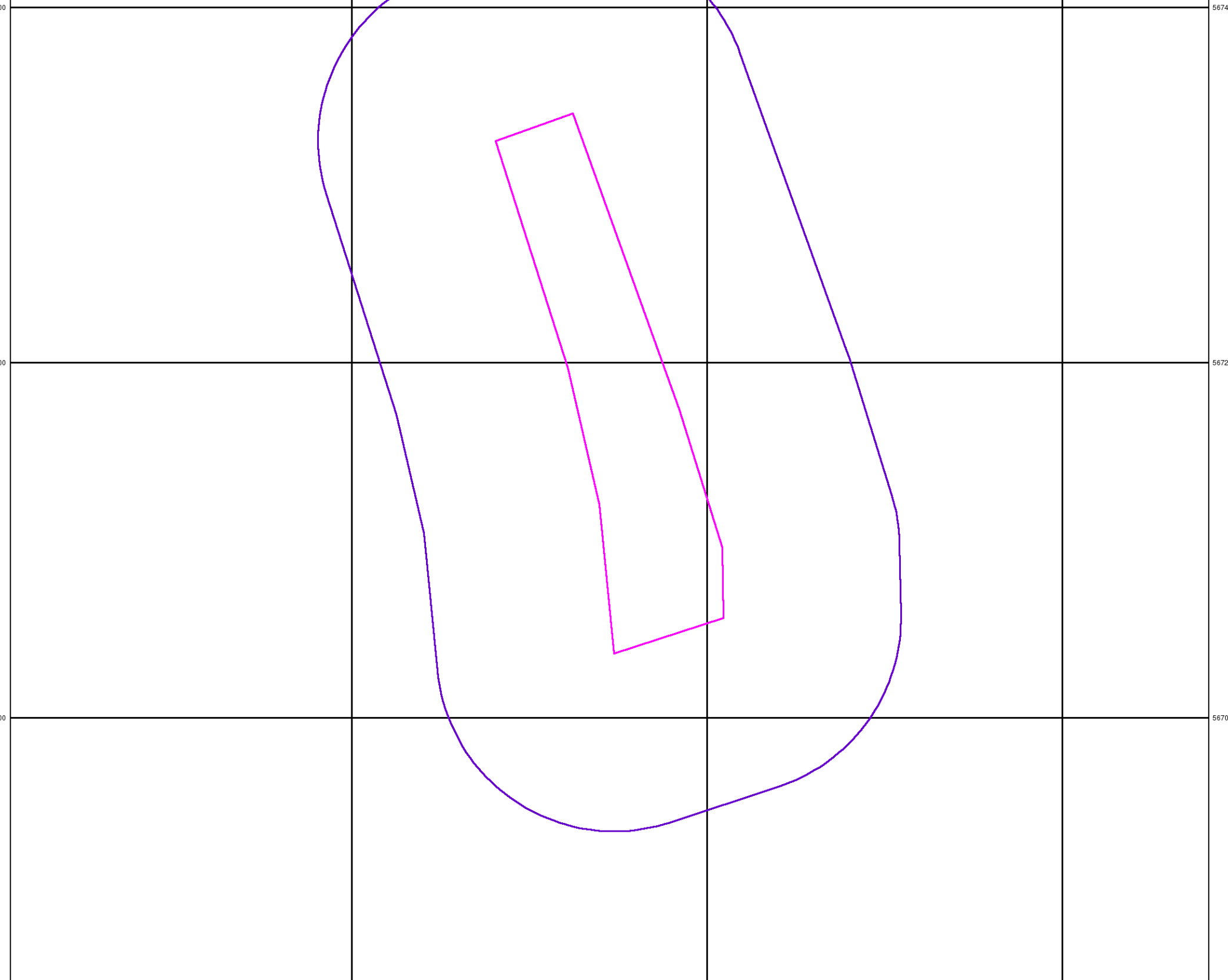


Order Details

Order Number: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 100

Site Details

27, East Smithy Street, South Shields, NE33 1BT





Ordnance Survey Plan

Published 1956

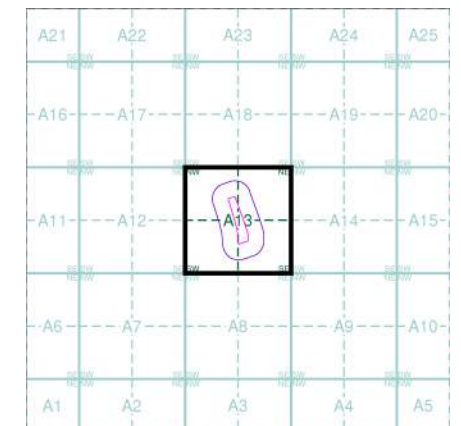
Source map scale - 1:1,250

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

NZ3667NW	NZ3667NE
956	956
1:1,250	1:1,250
NZ3667SW	NZ3667SE
956	956
1:1,250	1:1,250
NZ3666NW	NZ3666NE
956	956
1:1,250	1:1,250

Historical Map - Segment A13



Order Details

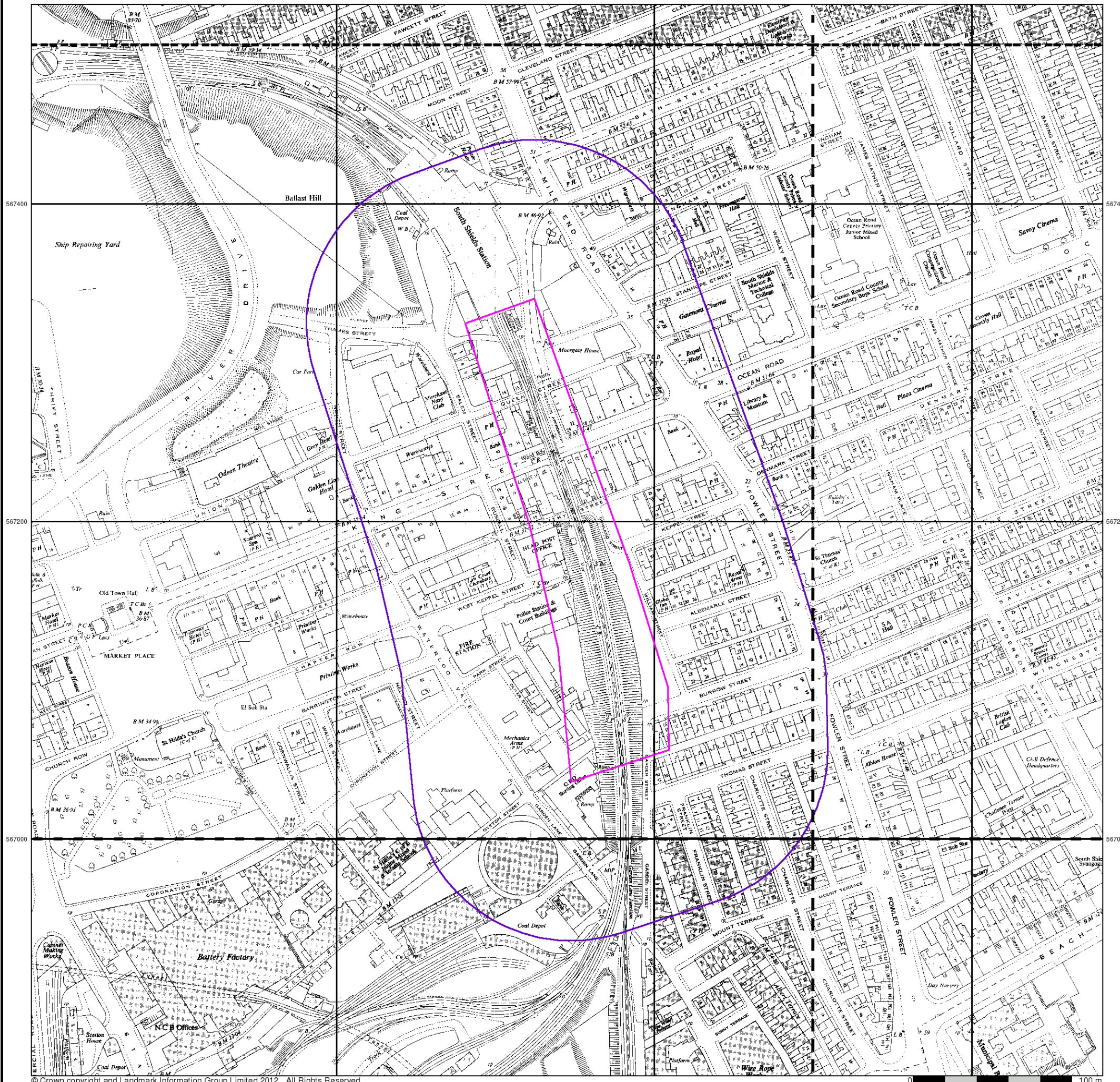
Order Number: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 100

Site Details

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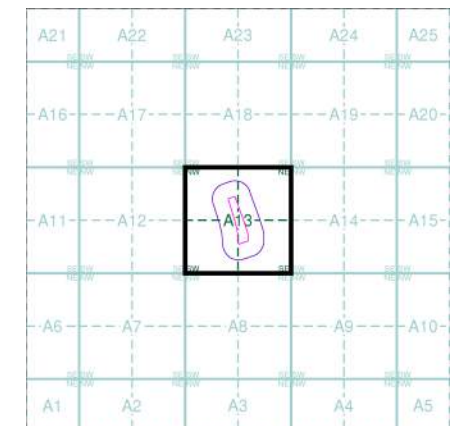
Ordnance Survey Plan
Published 1956
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

NZ3667	1956	1:2,500
NZ3666	1956	1:2,500

Historical Map - Segment A13

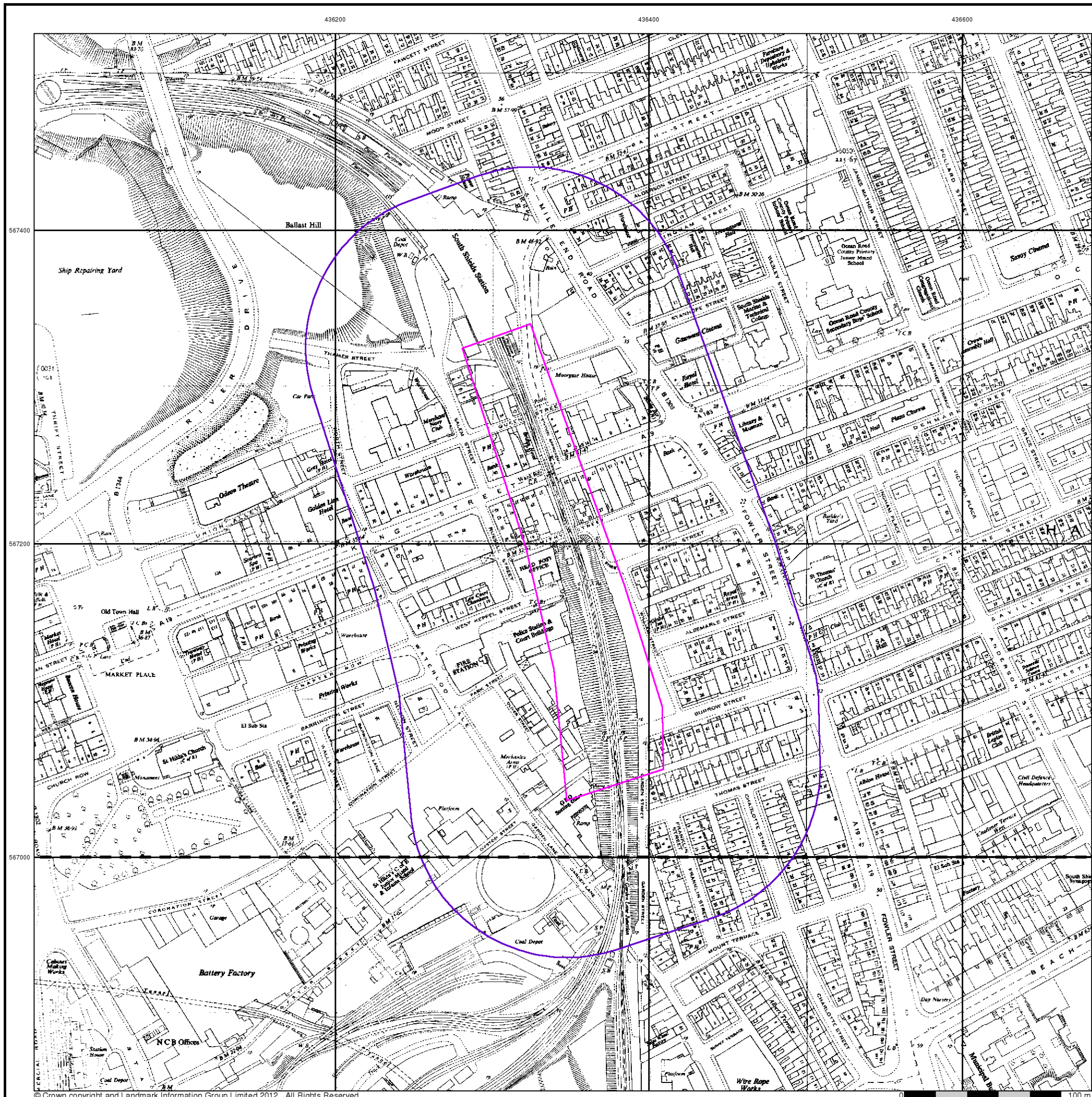


Order Details

Order Number: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 100

Site Details

27, East Smithy Street, South Shields, NE33 1BT



436200

436400

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Ordnance Survey Plan

Published 1963 - 1975

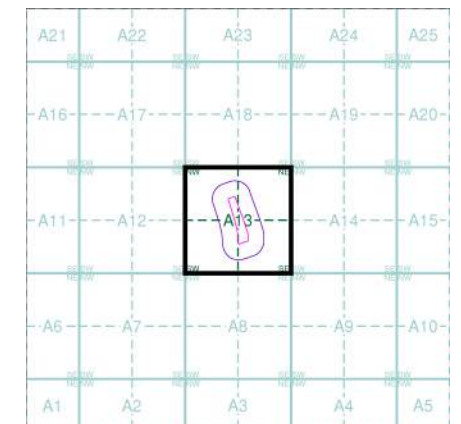
Source map scale - 1:1,250

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

Z3667NW	Z3667NE
974	1974
1:1,250	1:1,250
Z3667SW	Z3667SE
963	1968
1:1,250	1:1,250
Z3666NW	Z3666NE
967	1975
1:1,250	1:1,250

Historical Map - Segment A13



Order Details

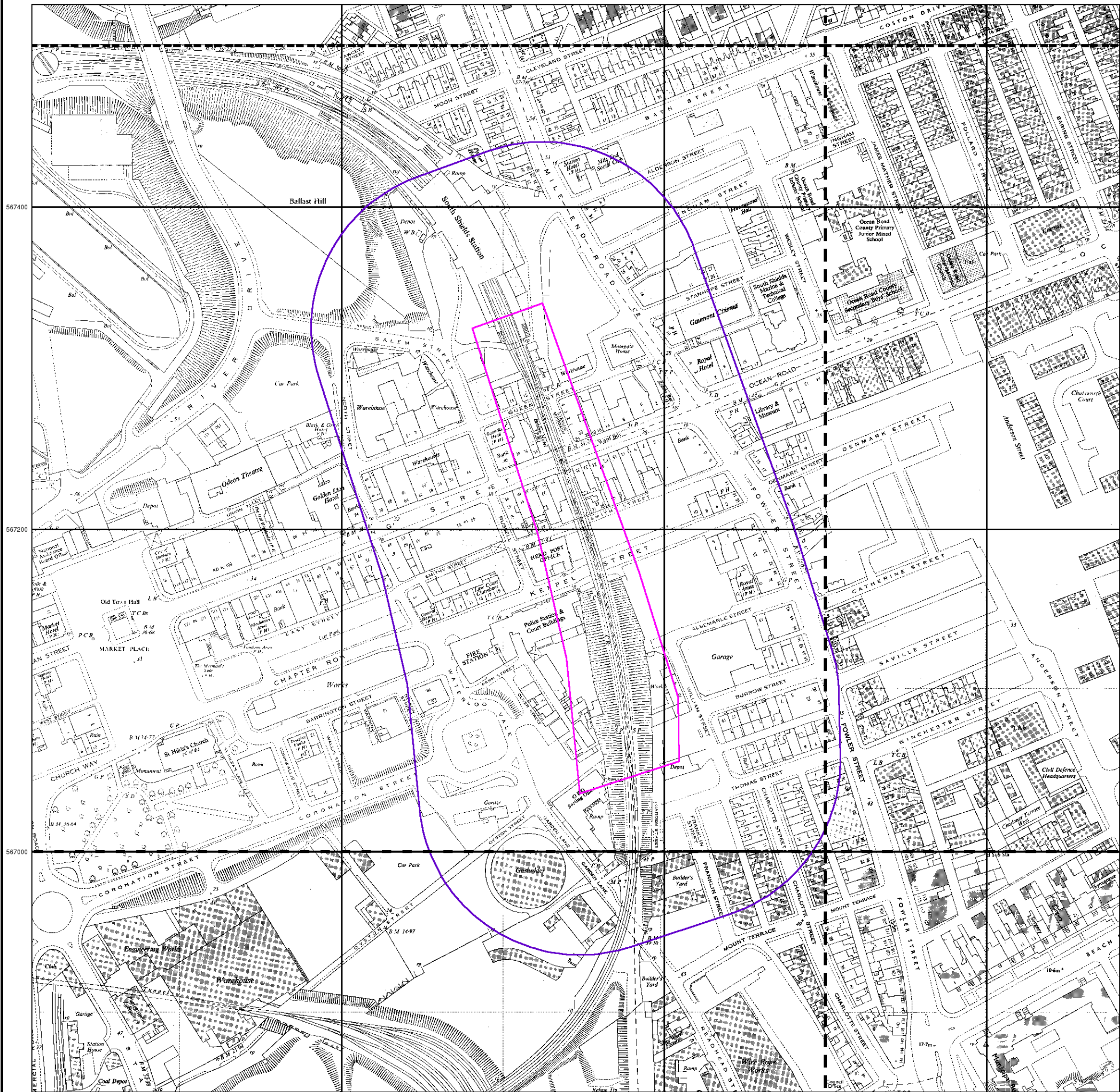
Order Number: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 100

Site Details

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436200

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Ordnance Survey Plan

Published 1969 - 1989

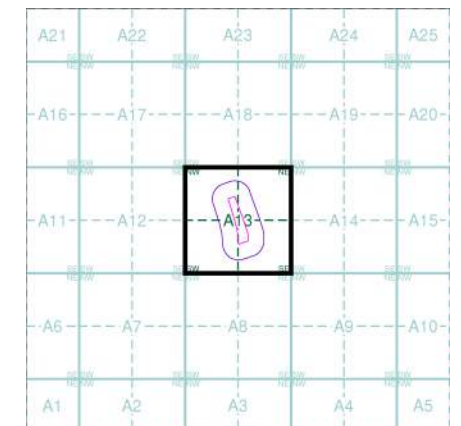
Source map scale - 1:1,250

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 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)

Z3667NW	987	1:1,250
Z3667SW	969	1:1,250
Z3667SE	989	1:1,250
Z3666NW	975	1:1,250

Historical Map - Segment A13



Order Details

Order Number: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 100

Site Details

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436200

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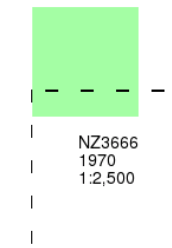
Ordnance Survey Plan

Published 1970

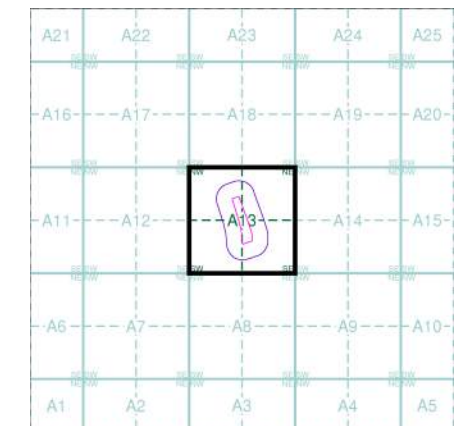
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 47921799_1_1
Customer Ref: South Shields Metro
National Grid Reference: 436340, 567190
Slice: A
Site Area (Ha): 1.63
Search Buffer (m): 100

Site Details

27, East Smithy Street, South Shields, NE33 1BT



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Web: www.envirocheck.co.uk

567400

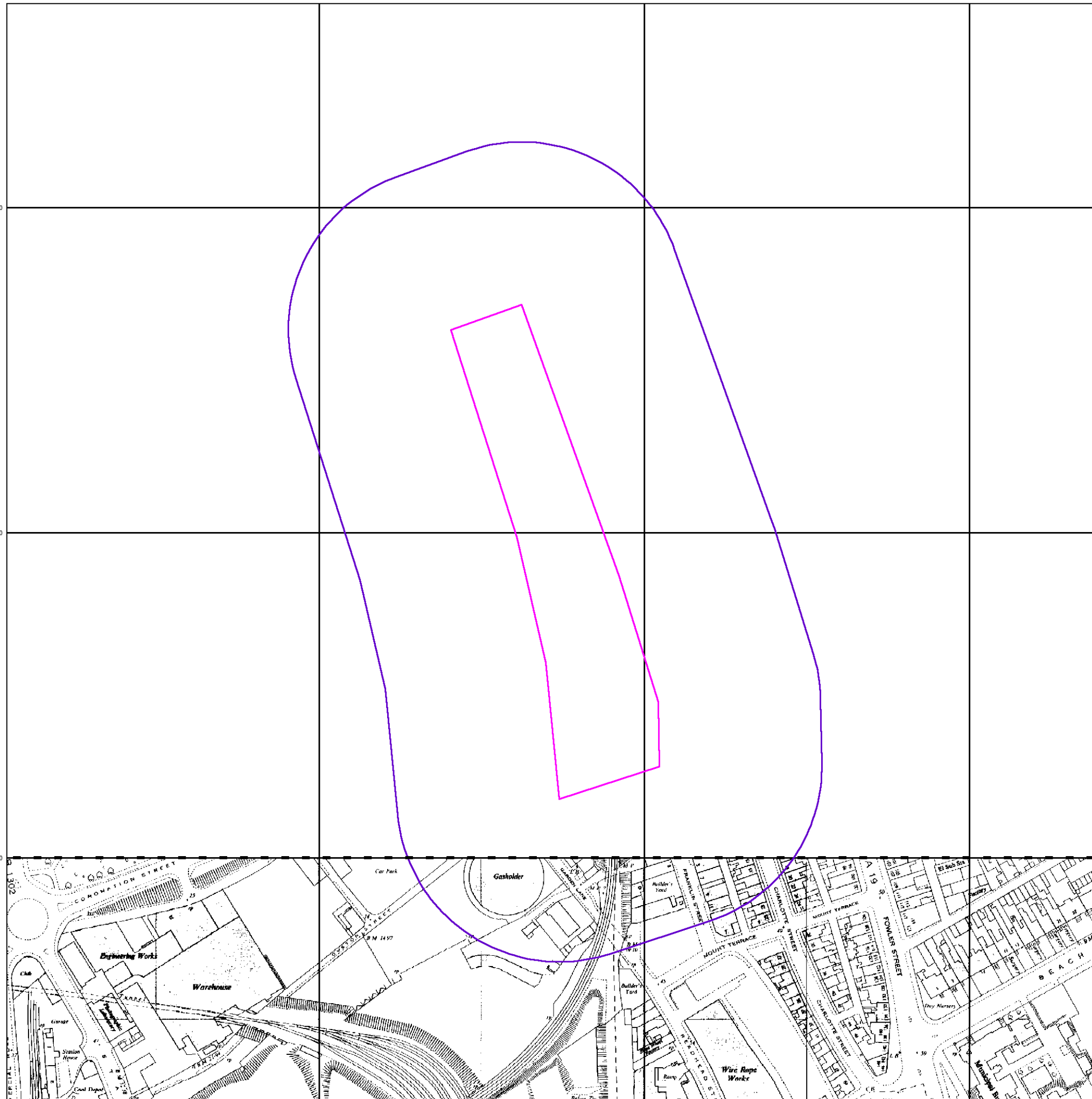
567400

567200

567200

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567000



436200

436400

436600

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567400

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567200

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Supply of Unpublished Survey Information

Published 1973 - 1975

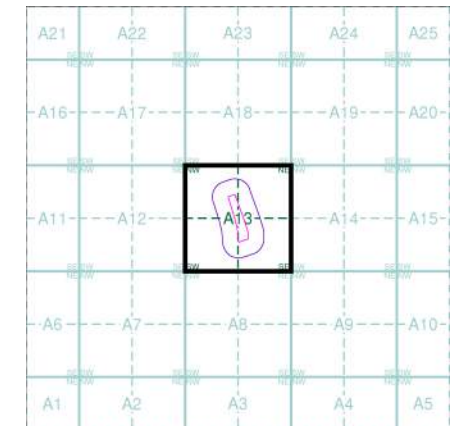
Source map scale - 1:1,250

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)

NZ3667NE	1973	1:1,250
NZ3667SE	1975	1:1,250
NZ3666NW	1974	1:1,250
NZ3666NE	1974	1:1,250

Historical Map - Segment A13



Order Details

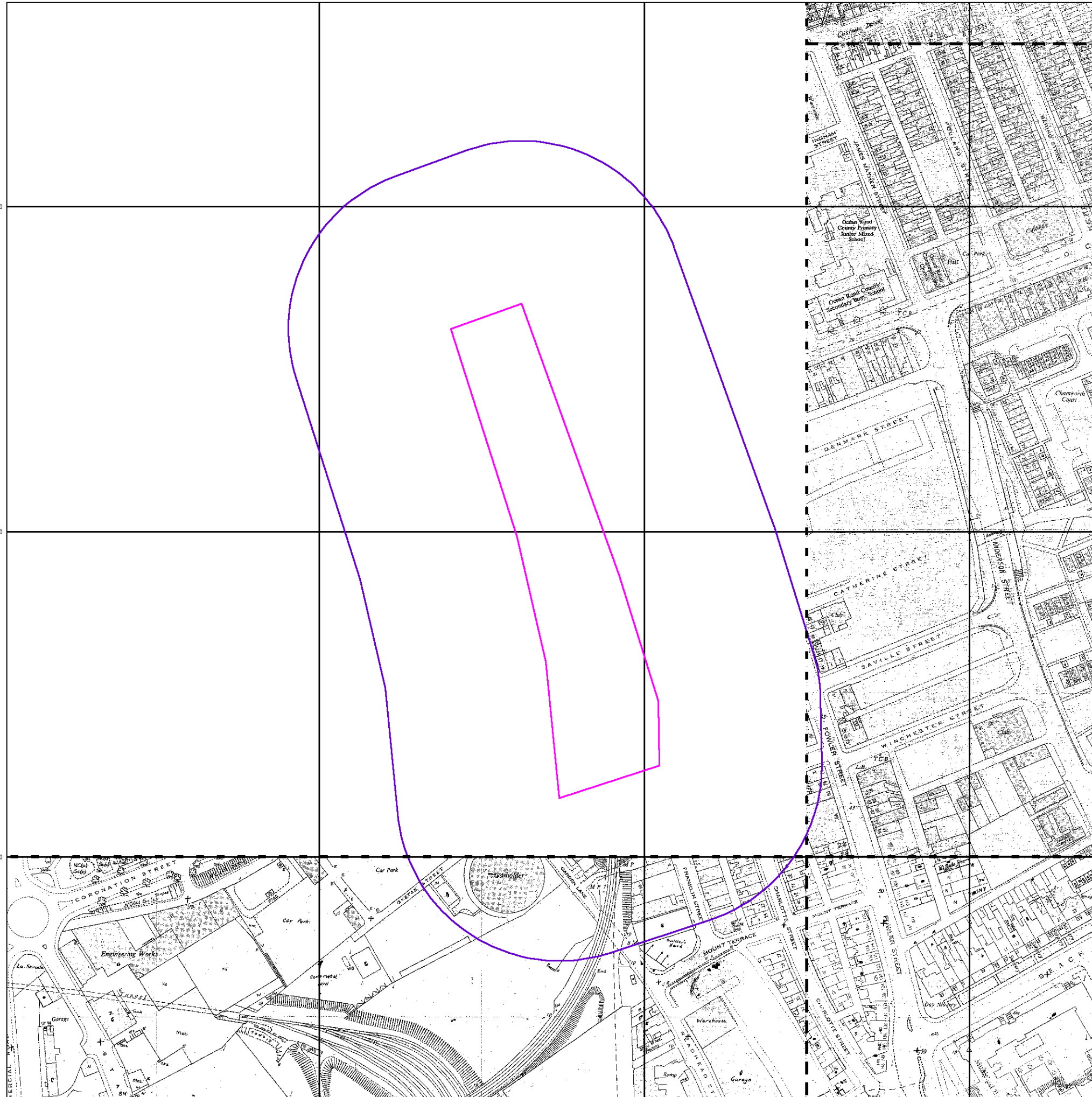
Order Number: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 100

Site Details

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Additional SIMs

Published 1977 - 1985

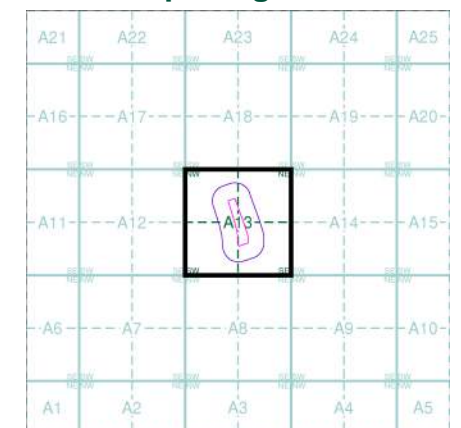
Source map scale - 1:1,250

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)

NZ3667NW	979	1:1,250
NZ3667SW	985	1:1,250
NZ3667SE	1977	1:1,250
NZ3666NE	1982	1:1,250

Historical Map - Segment A13

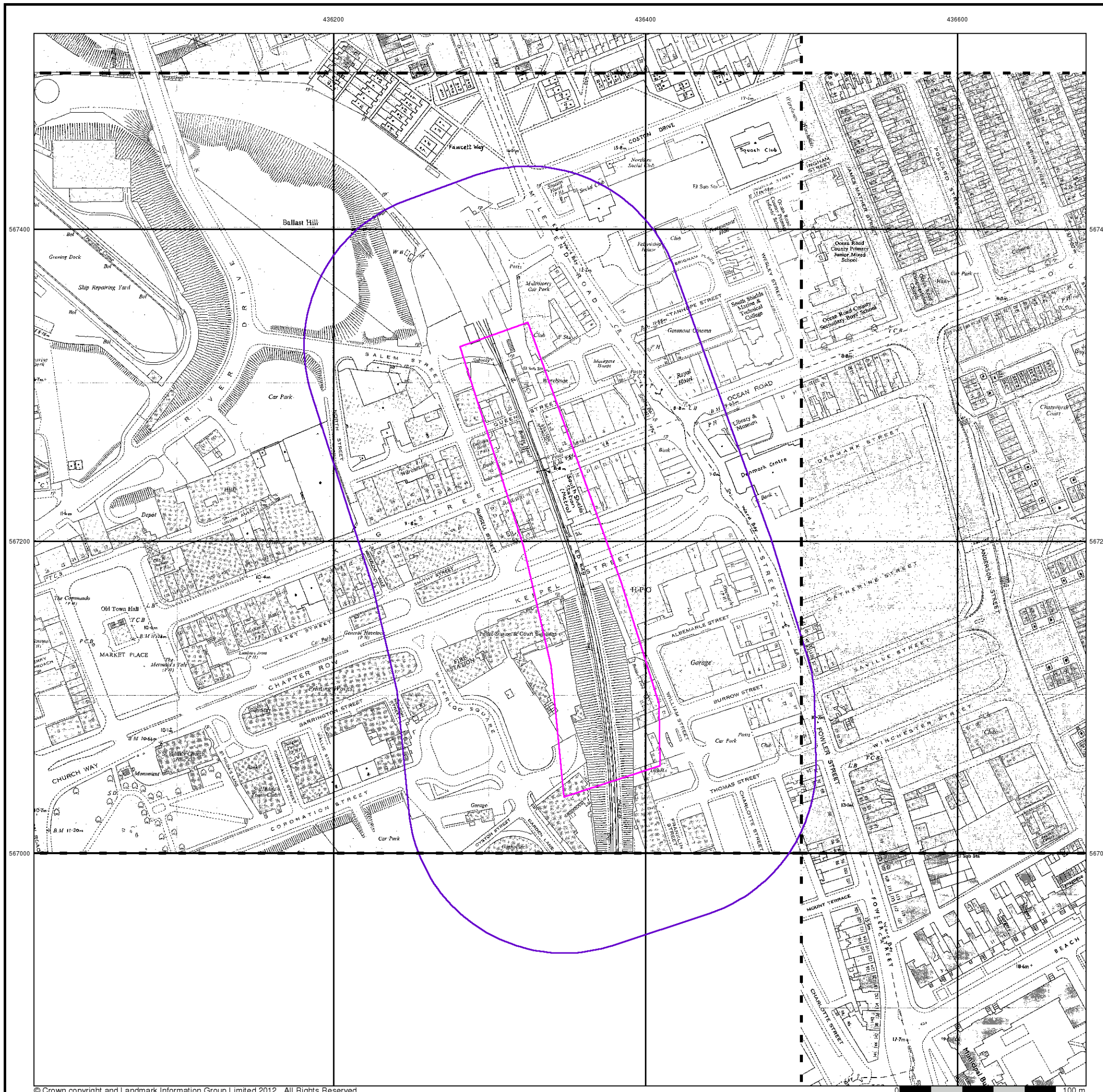


Order Details

Order Number: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 100

Site Details

27, East Smyth Street, South Shields, NE33 1BT



436200

436400

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Ordnance Survey Plan

Published 1989 - 1990

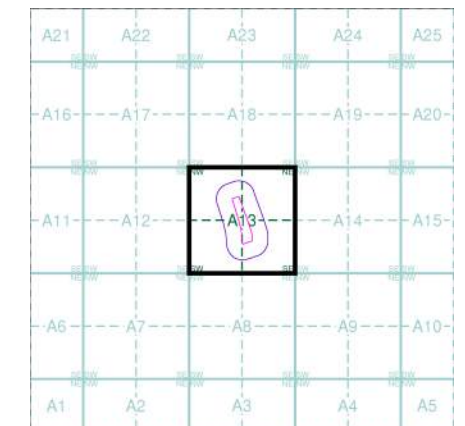
Source map scale - 1:1,250

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Map Name(s) and Date(s)

NZ3667SW
1990
1:1,250
NZ3666NW
1989
1:1,250

Historical Map - Segment A13



Order Details

Order Number: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 100

Site Details

27, East Smithy Street, South Shields, NE33 1BT



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567400

567400

567200

567200

567000

567000



436200

436400

436600



Additional SIMs

Published 1989 - 1991

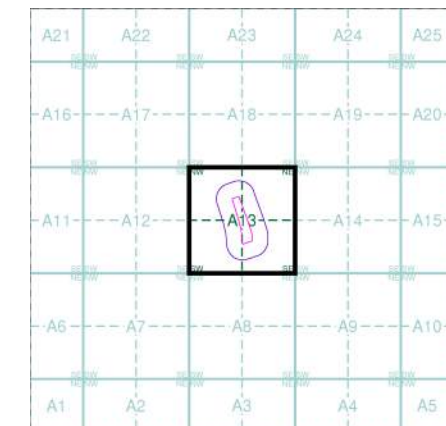
Source map scale - 1:1,250

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)

NZ3667SW	1989	1:1,250
NZ3666NE	1991	1:1,250

Historical Map - Segment A13



Order Details

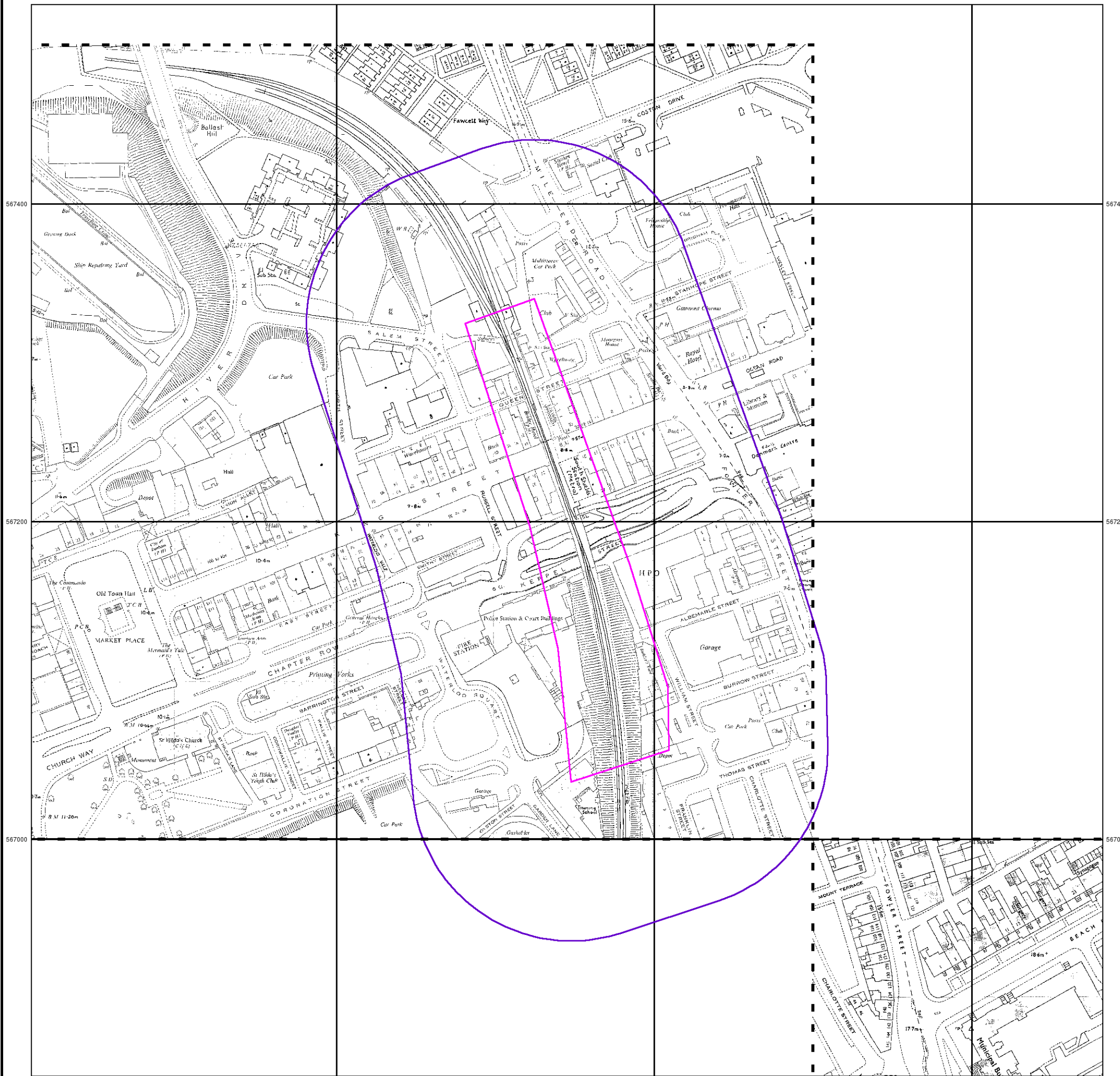
Order Number: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 100

Site Details

27, East Smithy Street, South Shields, NE33 1BT



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Large-Scale National Grid Data

Published 1993

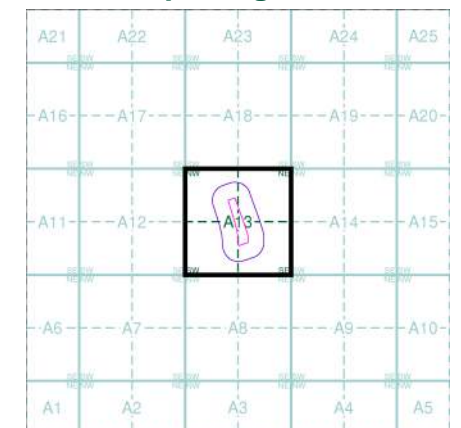
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

QZ3667NWZ3667NE	1993	1:1,250
QZ3667SVNZ3667SE	1993	1:1,250
QZ3666NWZ3666NE	1993	1:1,250

Historical Map - Segment A13

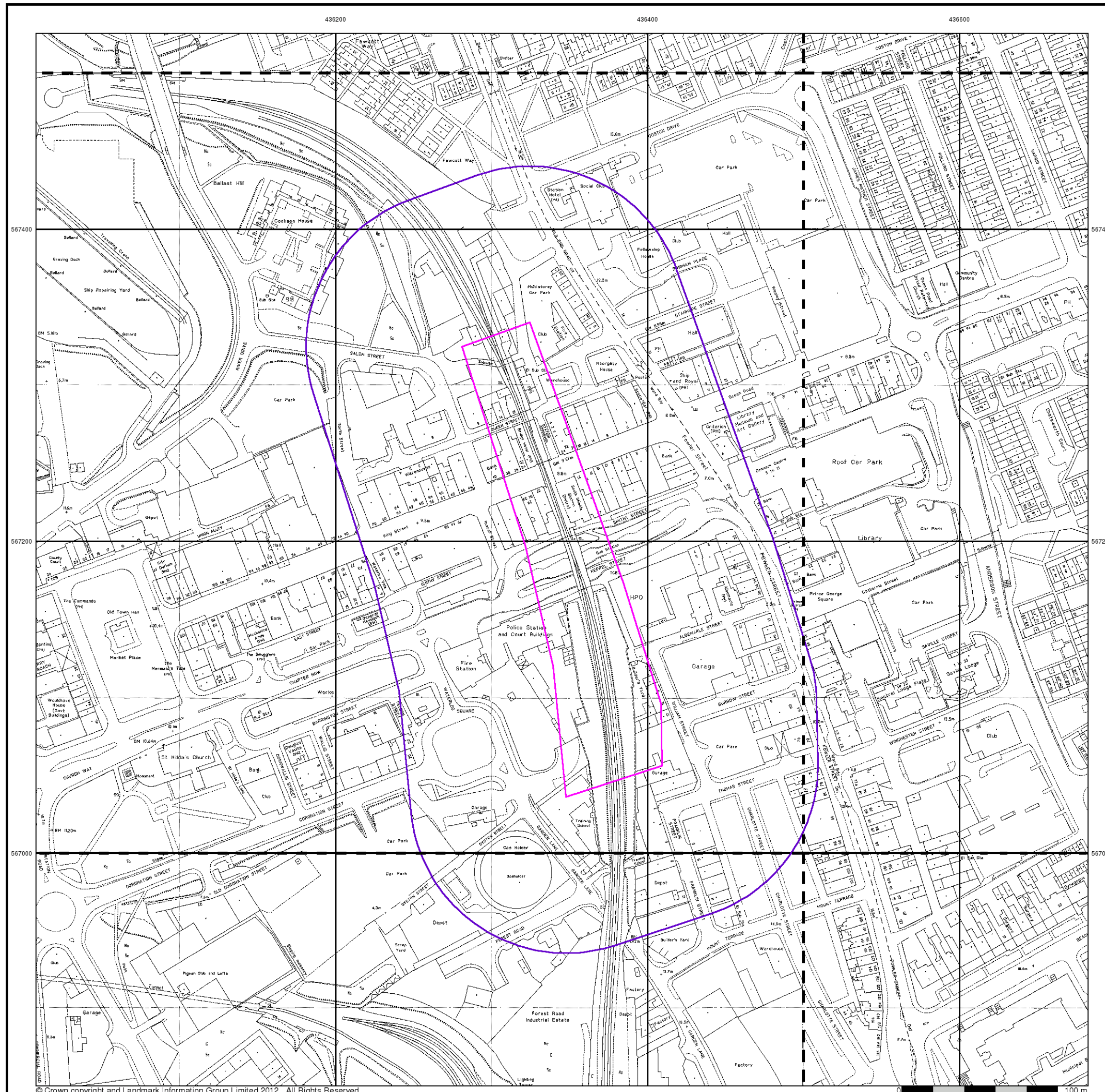


Order Details

Order Number: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 100

Site Details

27, East Smithy Street, South Shields, NE33 1BT



Large-Scale National Grid Data

Published 1994 - 1995

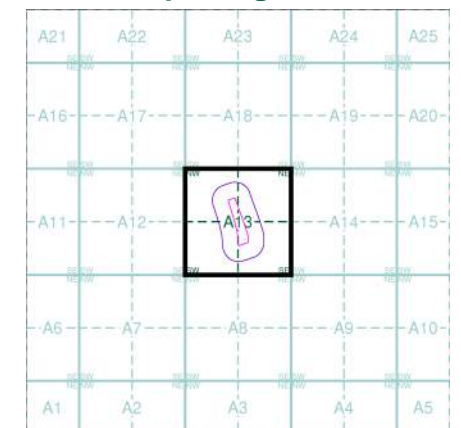
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

QZ3667NW	QZ3667NE
994	994
1:1,250	1:1,250
QZ3667SW	
994	
1:1,250	
QZ3666NW	
995	
1:1,250	

Historical Map - Segment A13

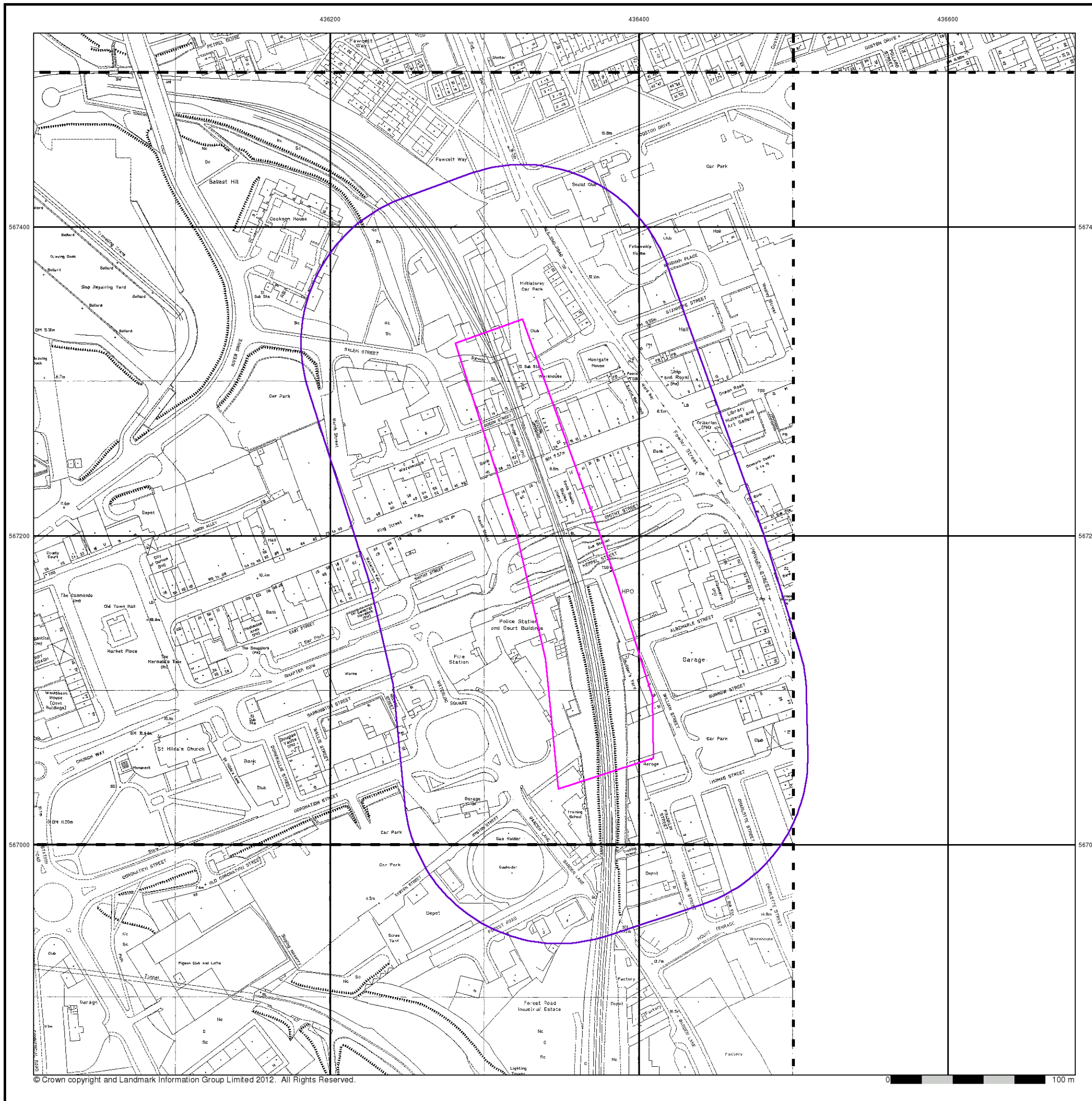


Order Details

Order Number: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 100

Site Details

27, East Smithy Street, South Shields, NE33 1BT



Historical Mapping Legends

Ordnance Survey County Series 1:10,560

	Gravel Pit		Sand Pit		Other Pits
	Quarry		Shingle		Orchard
	Osiers		Reeds		Marsh
	Mixed Wood		Deciduous		Brushwood
	Fir		Furze		Rough Pasture
	Arrow denotes flow of water		Trigonometrical Station		
	Site of Antiquities		Bench Mark		
	Pump, Guide Post, Signal Post		Well, Spring, Boundary Post		
	-285 Surface Level				
	Sketched Contour		Instrumental Contour		
	Main Roads		Minor Roads		
	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				
	County Borough Boundary (England)				
	County Burgh Boundary (Scotland)				
	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		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 Shown only when not coincident with other boundaries		
	Civil Parish Shown alternately when coincidence of boundaries occurs		
	BP, BS Boundary Post or Stone		Pol Sta Police Station
	Ch Church		PO Post Office
	CH Club House		PC Public Convenience
	F E Sta Fire Engine Station		PH Public House
	FB Foot Bridge		SB Signal Box
	Fn Fountain		Spr Spring
	GP Guide Post		TCB Telephone Call Box
	MP Mile Post		TCP Telephone Call Post
	MS Mile Stone		W Well

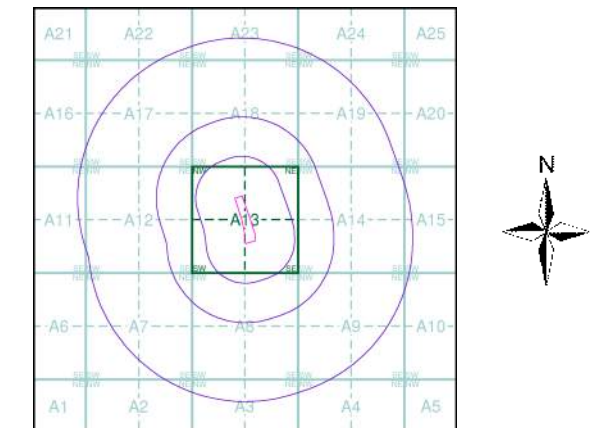
1:10,000 Raster Mapping

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

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Durham	1:10,560	1862	3
Northumberland	1:10,560	1864 - 1865	4
Durham	1:10,560	1898	5
Northumberland	1:10,560	1899	6
Durham	1:10,560	1921	7
Durham	1:10,560	1938	8
Ordnance Survey Plan	1:10,000	1951 - 1952	9
Ordnance Survey Plan	1:10,000	1957	10
Ordnance Survey Plan	1:10,000	1967	11
Ordnance Survey Plan	1:10,000	1973 - 1976	12
Newcastle-upon-Tyne	1:25,000	1977	13
Ordnance Survey Plan	1:10,000	1982 - 1986	14
Ordnance Survey Plan	1:10,000	1993 - 1995	15
10K Raster Mapping	1:10,000	2006	16
10K Raster Mapping	1:10,000	2013	17

Historical Map - Slice A



Order Details

Order Number: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 1000

Site Details

27, East Smithy Street, South Shields, NE33 1BT

Russian Military Mapping Legends

1:5,000 and 1:10,000 mapping

a. Not drawn to scale b. Drawn to scale

	Government and Administrative Buildings		Military and Industrial Buildings
	Military and Communication Areas		Subway Entrance
	Fireproof Building		Prominent Fireproof Building
	Non-fireproof Building		Non-fireproof Building (non-dwelling)
	Factory, mill, and flour mill, with chimneys		Factory, mill, and flour mill, without chimneys
	Power Station, drawn to scale		Hydroelectric Power Station
	Radio Station, drawn to scale		Telephone Station, drawn to scale
	Abandoned Open-pit Mine or Quarry		Open-pit Salt Mine
	Pit		Oil Deposit or Well
	Oil Seepage		Natural Gas Tank
	Tailings Pile		Fuel Storage Tanks
	Bench Mark		Drill Hole
	Burial Mound		Triangulation Point on Burial Mound
	Single-track Railroad		Double-track Railroad
	Railroad and Station Building		Small Bridge
	Pipe (Culvert)		Tunnel
	Coniferous Forest		Deciduous Forest
	Mixed Forest		Lawns
	Citrus Orchard		Wet Ground
	Scattered Vegetation		

243,8 Values for prominent elevations
186.0 Numbers for spot elevations, depth soundings, contour lines, etc.
0,2 Velocity of the current, width of river bed, depth of river
180/12 Fractional terms: length and capacity of bridges; depth of fords and condition of the river bottom; height of forest and the diameter of trees

Russian Alphabet (For reference and phonetic interpretation of map text)

А а (A)	З з (Z)	П п (P)	Ч ч (CH)
Б б (B)	И и (I)	Р р (R)	Ш ш (SH)
В в (V)	Й й (Y)	С с (S)	Щ щ (SHCH)
Г г (G)	К к (K)	Т т (T)	Ъ (-)
Д д (D)	Л л (L)	У у (U)	Ы (Y)
Е е (E)	М м (M)	Ф ф (F)	Ь (')
Ё ё (YO)	Н н (N)	Х х (KH)	Э э (E)
Ж ж (ZH)	О о (O)	Ц ц (TS)	Ю ю (YU or IU)
			Я я (YA or IA)

1:25,000 mapping

a. Not drawn to scale b. Drawn to scale

	Government and Administrative Buildings		Military and Industrial Buildings
	Military and Communication Areas		Subway Entrance
	Partly Demolished Buildings		Demolished Buildings
	Built-Up Area with Fireproof Buildings Predominant		Built-Up Area with Non-Fireproof Buildings Predominant
	Individual Fireproof Building		Prominent Industrial Building
	Individual Dwelling, Fireproof		Ruins of an Individual Dwelling
	Factory or Mill Chimney		Factory or Mill with Chimney
	Factory or Mill without Chimney		Salt Mine
	Mine or Open Pit Mine		Tailings Pile
	Operating Shaft or Mine		Non-Operating Shaft or Mine
	Pit		Stone Quarry
	Gas Pump or Service Station		Fuel Storage or Natural Gas Tank
	Oil or Natural Gas Derrick		Small Hydroelectric Power Station
	Power Station		Transformer Station
	Cemetery		Burial Mound (height in metres)
	Triangulation Point on Burial Mound		Triangulation Point
	Bench Mark		Bench Mark (monumented)
	Telegraph Office		Telephone Station
	Radio Station		Radio Tower
	Airfield or Seaplane Base		Landing Strip
	Cut		Fill
	Main Highway		Highway under Construction
	Improved Dirt Road (former truck road)		Steep Grade
	Small Bridge		Pipe (Culvert)
	Tunnel		Dismantled Railroad
	Double-track Railroad with First Class Station		Railroad Under Construction
	Shore Embankment		River or Ditch with Embankment
	Water Reservoir or Rain Water Pit		Spring
	Isobath with value		Water Gauge
	Direction and velocity of current		Water Level Mark
	Well		Spot Elevation Value
	Heavy (Index) Contour Line		Half Contour Line
	Contour Line and Value		Spot Elevation Value
	Coniferous		Deciduous
	Mixed		Scrub

Key to Numbers on Mapping

NZ36_Newcastle

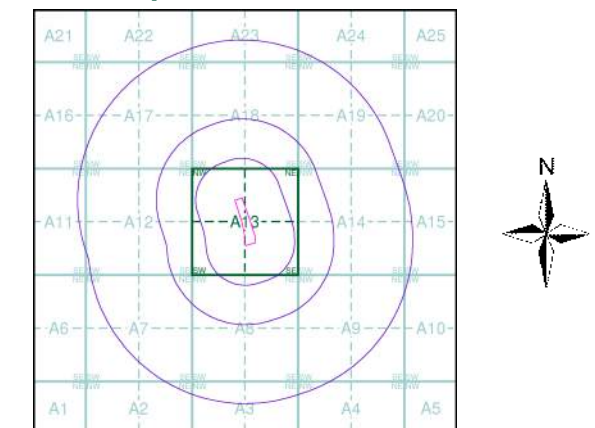
No.	Description
39	Factory (Metal Works)
63	Factory (Ship Repairs)
64	Factory (Ship Repairs)
132	Council/Government Buildings/Courts
134	Storage (Flammable And Lubricant Materials)
147	Railway Station (Freight)
163	Custom House



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Durham	1:10,560	1862	3
Northumberland	1:10,560	1864 - 1865	4
Durham	1:10,560	1898	5
Northumberland	1:10,560	1899	6
Durham	1:10,560	1921	7
Durham	1:10,560	1938	8
Ordnance Survey Plan	1:10,000	1951 - 1952	9
Ordnance Survey Plan	1:10,000	1957	10
Ordnance Survey Plan	1:10,000	1967	11
Ordnance Survey Plan	1:10,000	1973 - 1976	12
Newcastle-upon-Tyne	1:25,000	1977	13
Ordnance Survey Plan	1:10,000	1982 - 1986	14
Ordnance Survey Plan	1:10,000	1993 - 1995	15
10K Raster Mapping	1:10,000	2006	16
10K Raster Mapping	1:10,000	2013	17

Russian Map - Slice A



Order Details

Order Number: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 1000

Site Details

27, East Smithy Street, South Shields, NE33 1BT



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


Durham

Published 1862

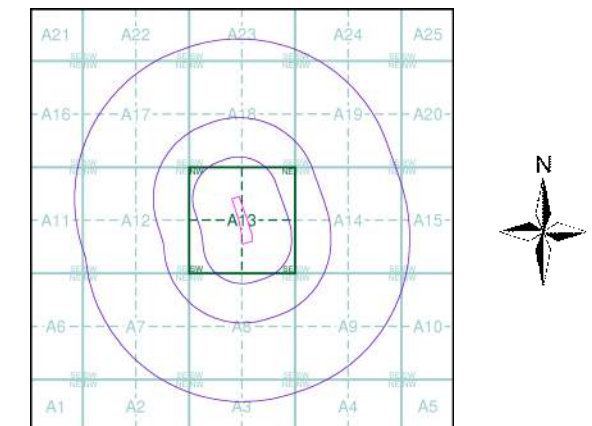
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

00300	1862	1:10,560		00400	1862	1:10,560
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Historical Map - Slice A



Order Details

Order Number: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 1000

Site Details

27, East Smithy Street, South Shields, NE33 1BT



Northumberland

Published 1864 - 1865

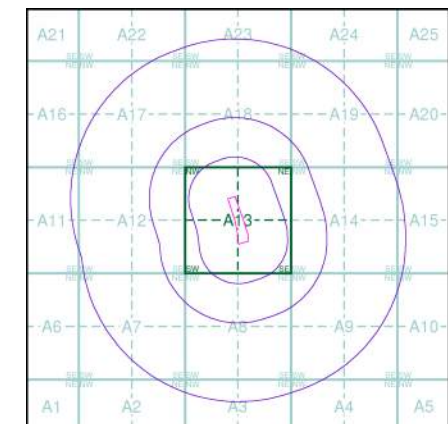
Source map scale - 1:10,560

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)

08900 1865 1:10,560	09000 1865 1:10,560
09800 1864 1:10,560	

Historical Map - Slice A

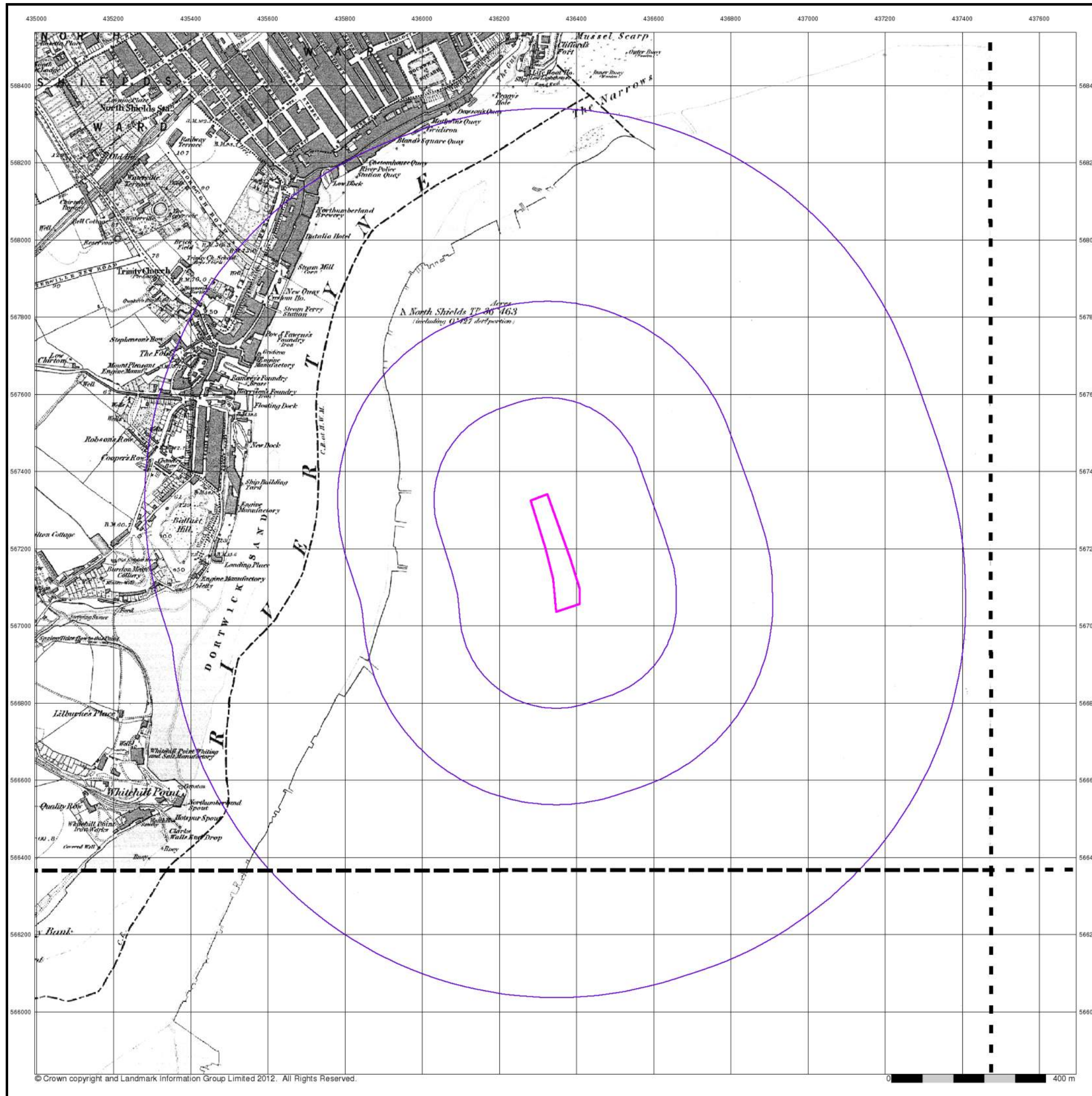


Order Details

Order Number: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 1000

Site Details

27, East Smithy Street, South Shields, NE33 1BT



Durham

Published 1898

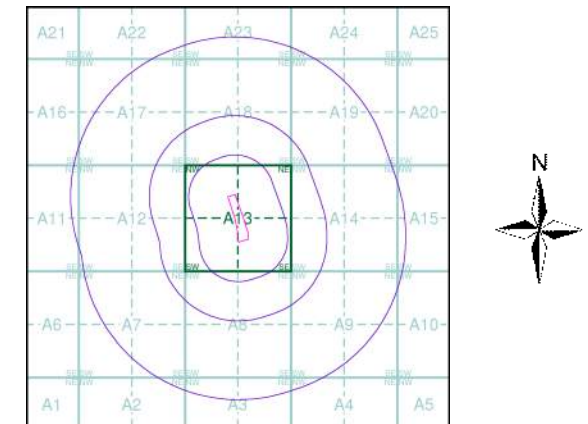
Source map scale - 1:10,560

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)

003NE 1898 1:10,560	004NW 1898 1:10,560
003SE 1898 1:10,560	004SW 1898 1:10,560

Historical Map - Slice A

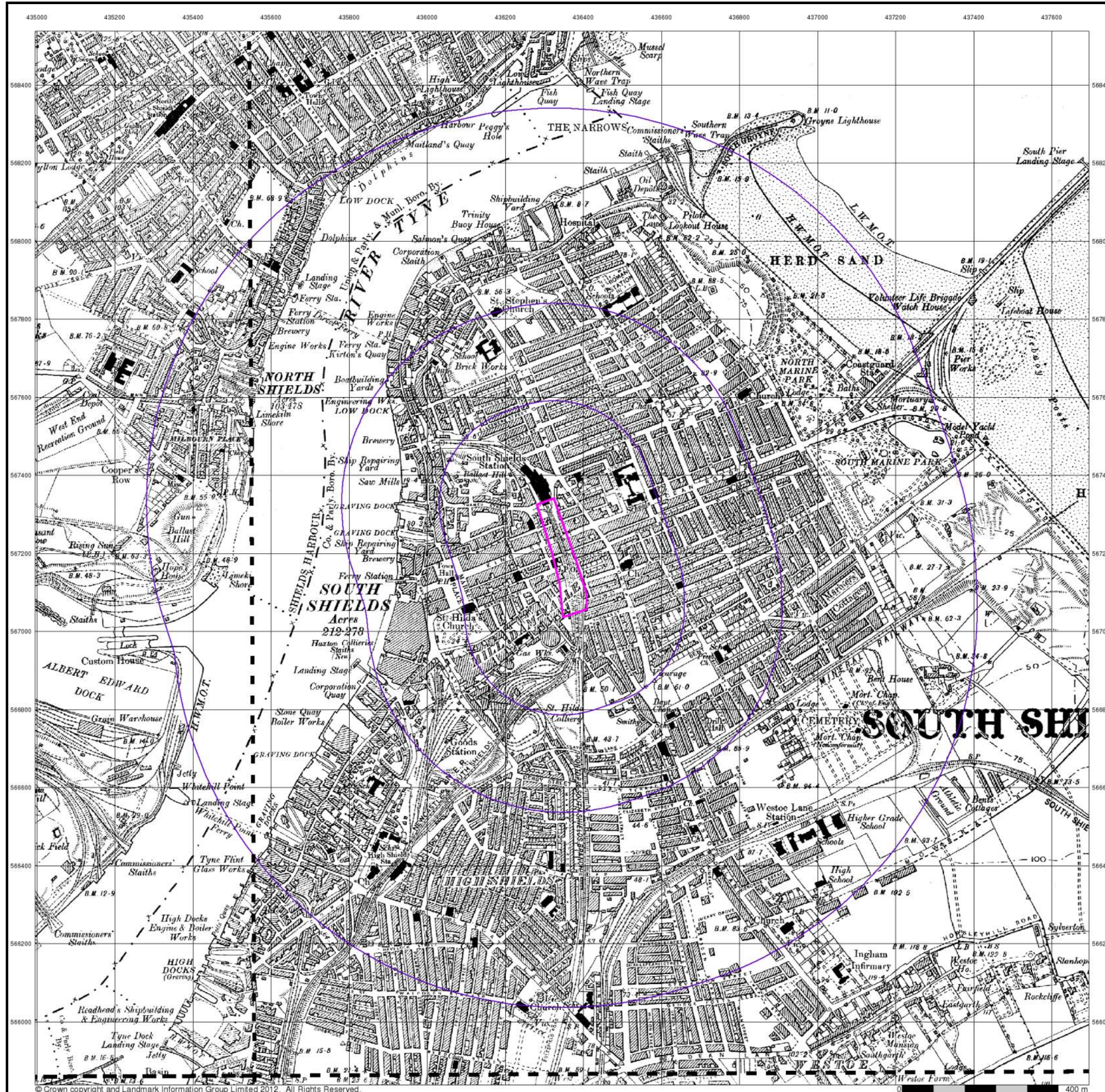


Order Details

Order Number: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 1000

Site Details

27, East Smithy Street, South Shields, NE33 1BT



Northumberland

Published 1899

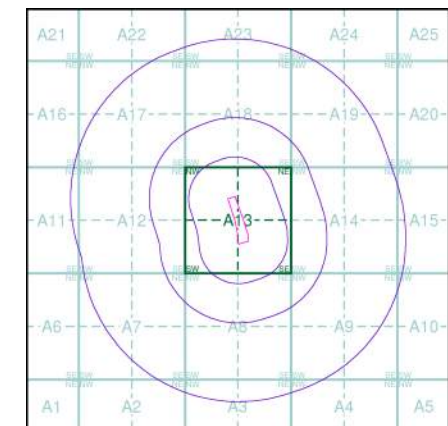
Source map scale - 1:10,560

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)

089SE 1899 1:10,560	090SW 1899 1:10,560
098NE 1899 1:10,560	

Historical Map - Slice A

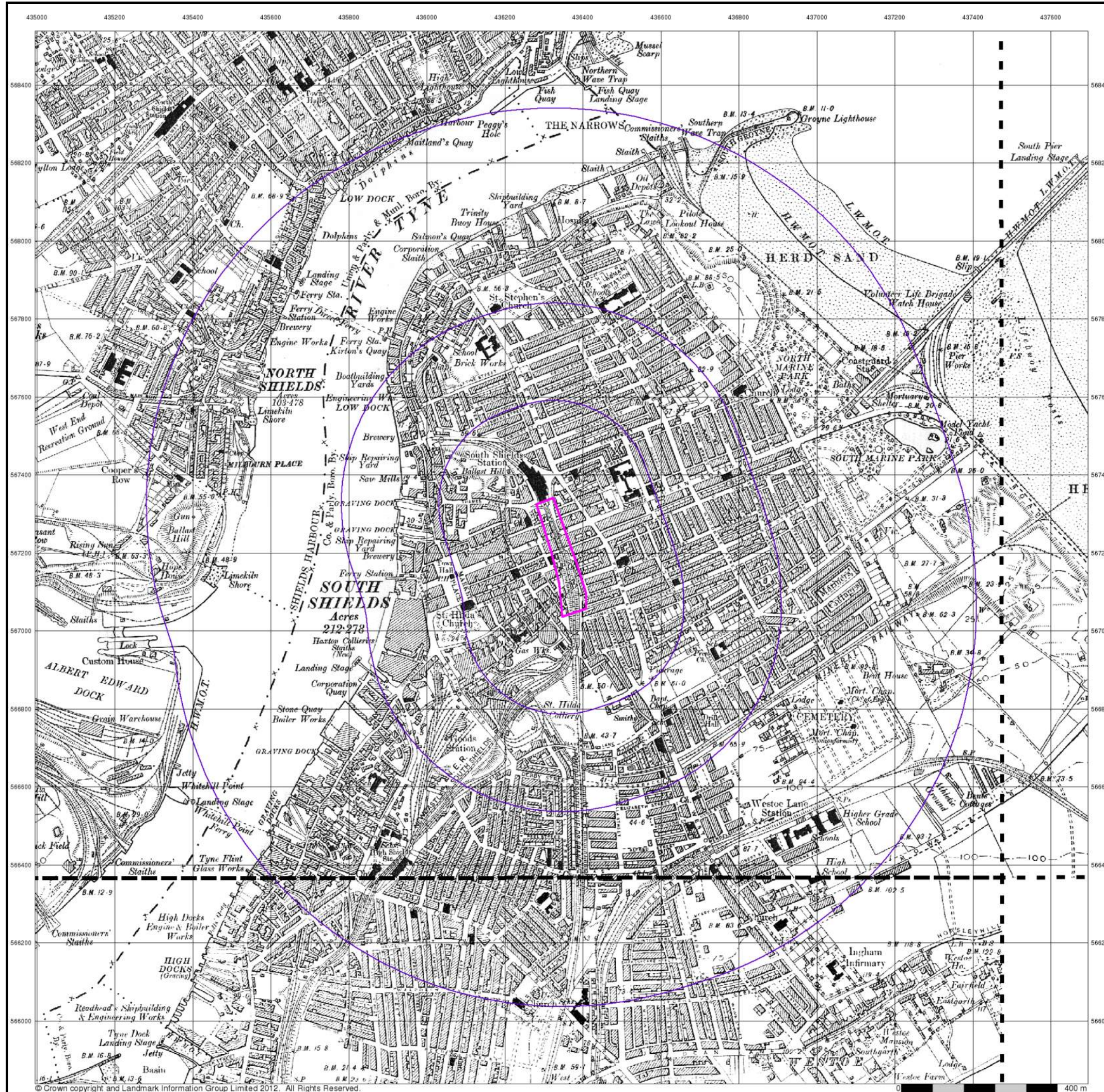


Order Details

Order Number: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 1000

Site Details

27, East Smithy Street, South Shields, NE33 1BT



Durham

Published 1921

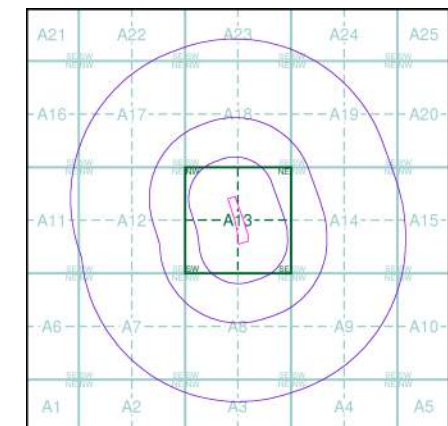
Source map scale - 1:10,560

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)

003NE 1921 1:10,560	004NW 1921 1:10,560
003SE 1921 1:10,560	004SW 1921 1:10,560

Historical Map - Slice A

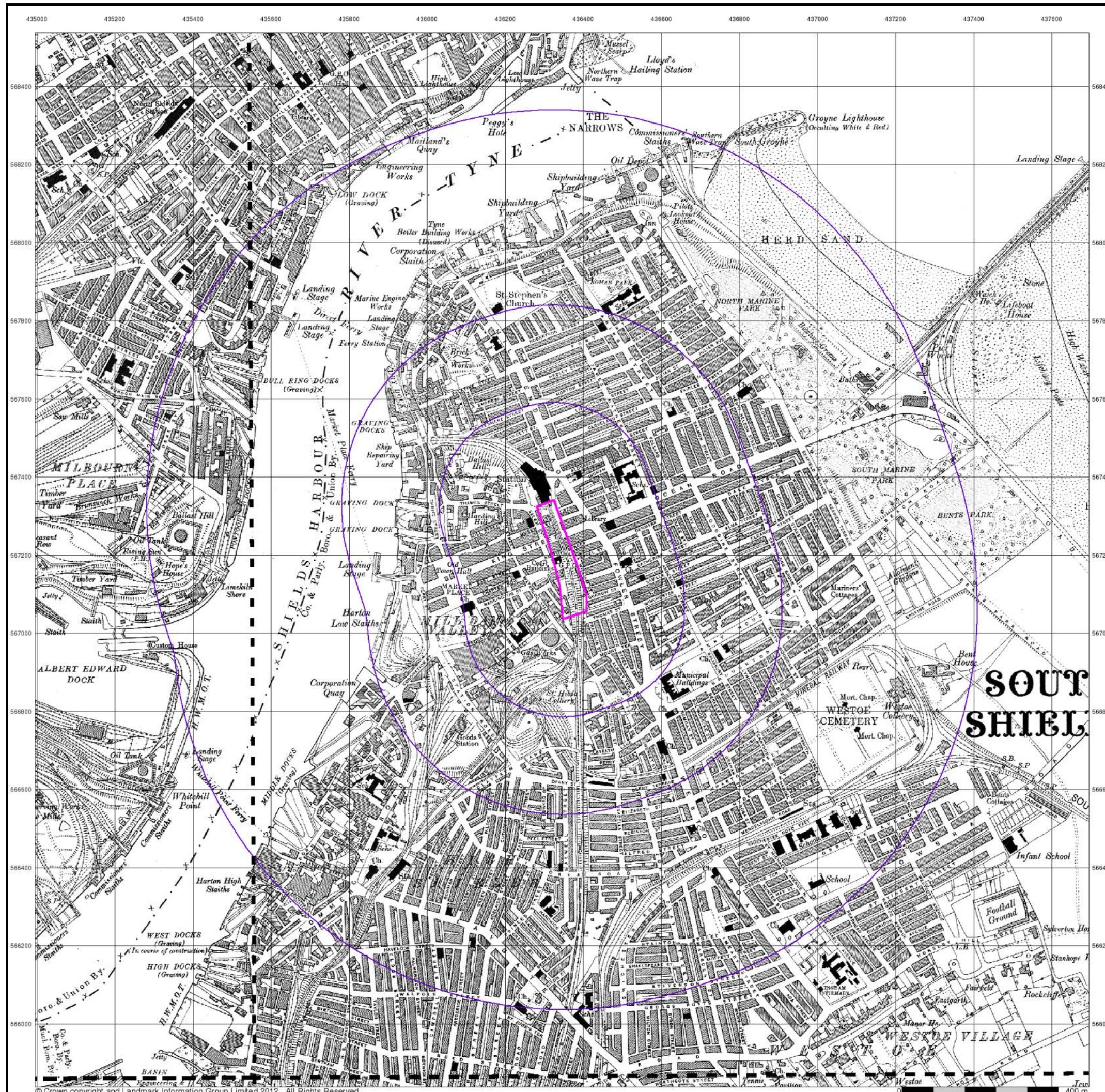


Order Details

Order Number: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 1000

Site Details

27, East Smithy Street, South Shields, NE33 1BT



Durham

Published 1938

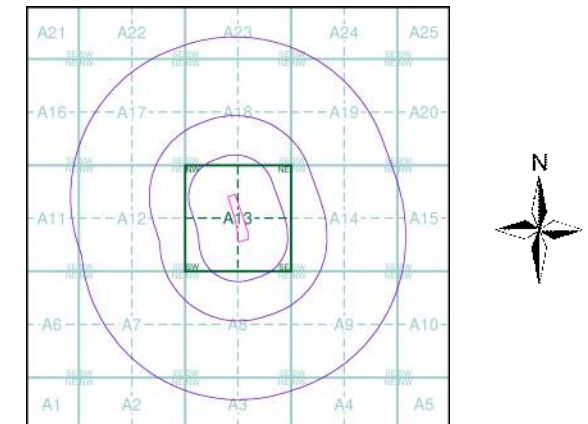
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

003NE 1938 1:10,560	004NW 1938 1:10,560
003SE 1938 1:10,560	004SW 1938 1:10,560

Historical Map - Slice A

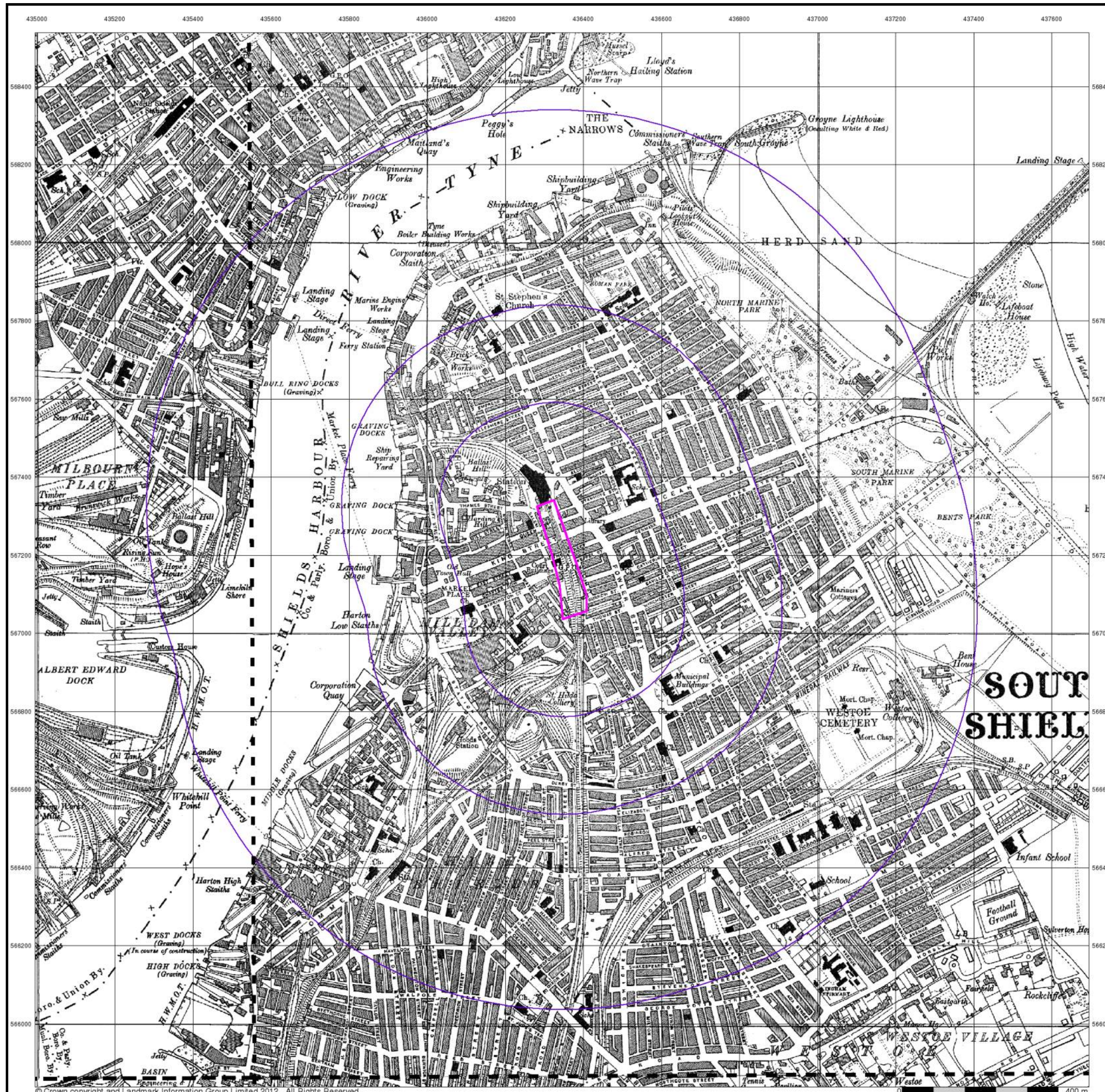


Order Details

Order Number: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 1000

Site Details

27, East Smithy Street, South Shields, NE33 1BT



Ordnance Survey Plan

Published 1951 - 1952

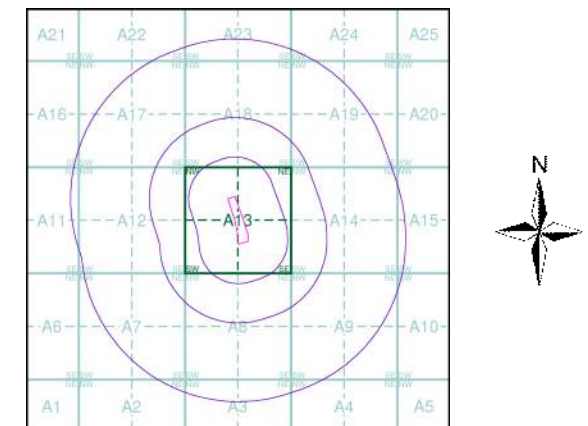
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

NZ36NW 1951 1:10,560	NZ36NE 1952 1:10,560
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Historical Map - Slice A

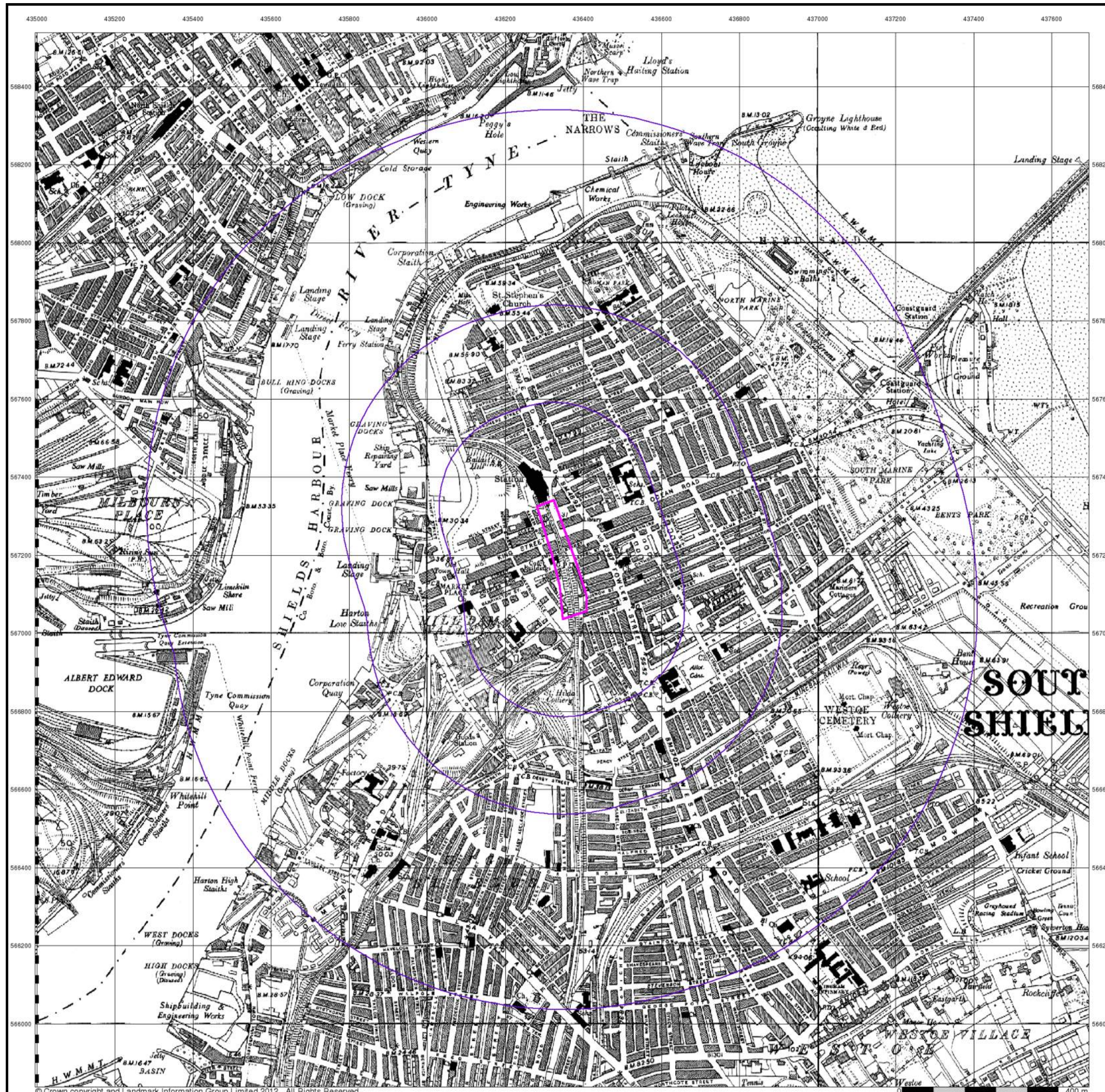


Order Details

Order Number: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 1000

Site Details

27, East Smithy Street, South Shields, NE33 1BT



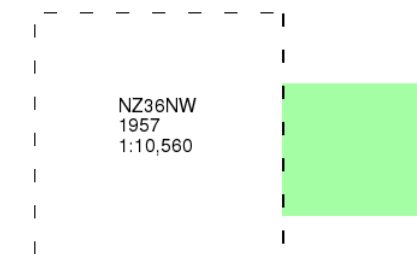
Ordnance Survey Plan

Published 1957

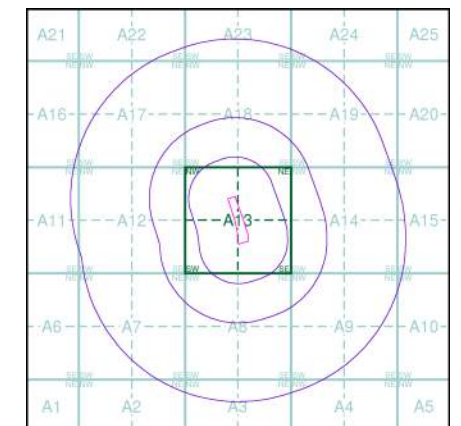
Source map scale - 1:10,000

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

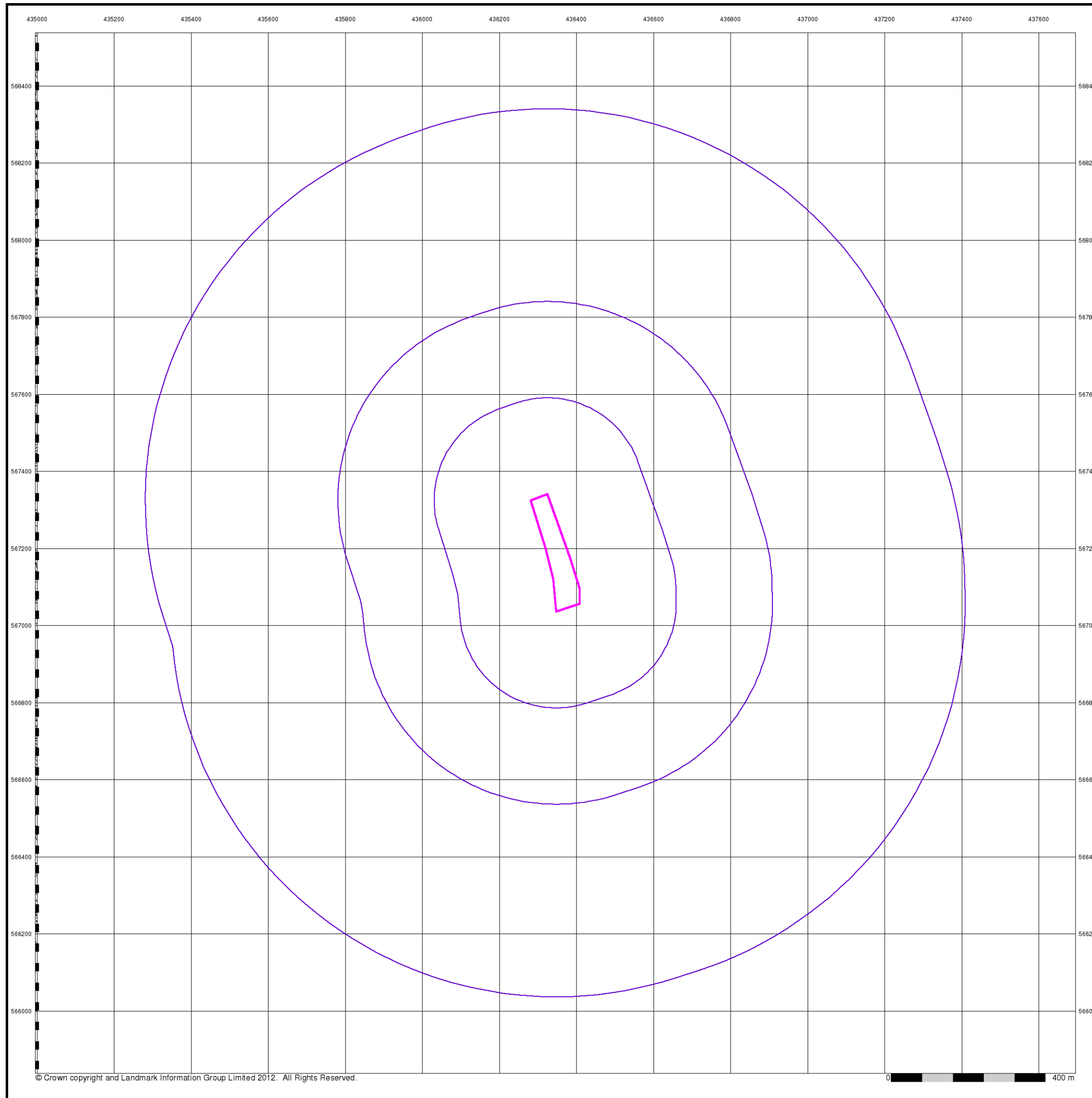


Order Details

Order Number: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 1000

Site Details

27, East Smithy Street, South Shields, NE33 1BT



Ordnance Survey Plan

Published 1967

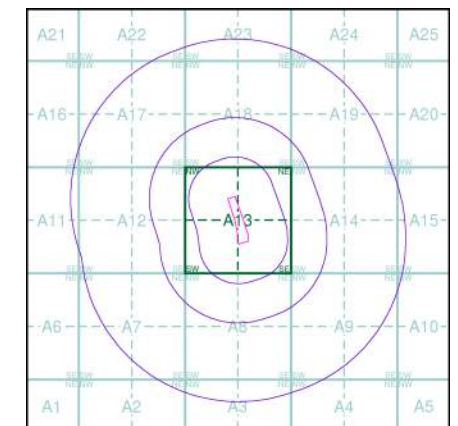
Source map scale - 1:10,000

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)

NZ36NW 1967 1:10,560	NZ36NE 1967 1:10,560
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Historical Map - Slice A

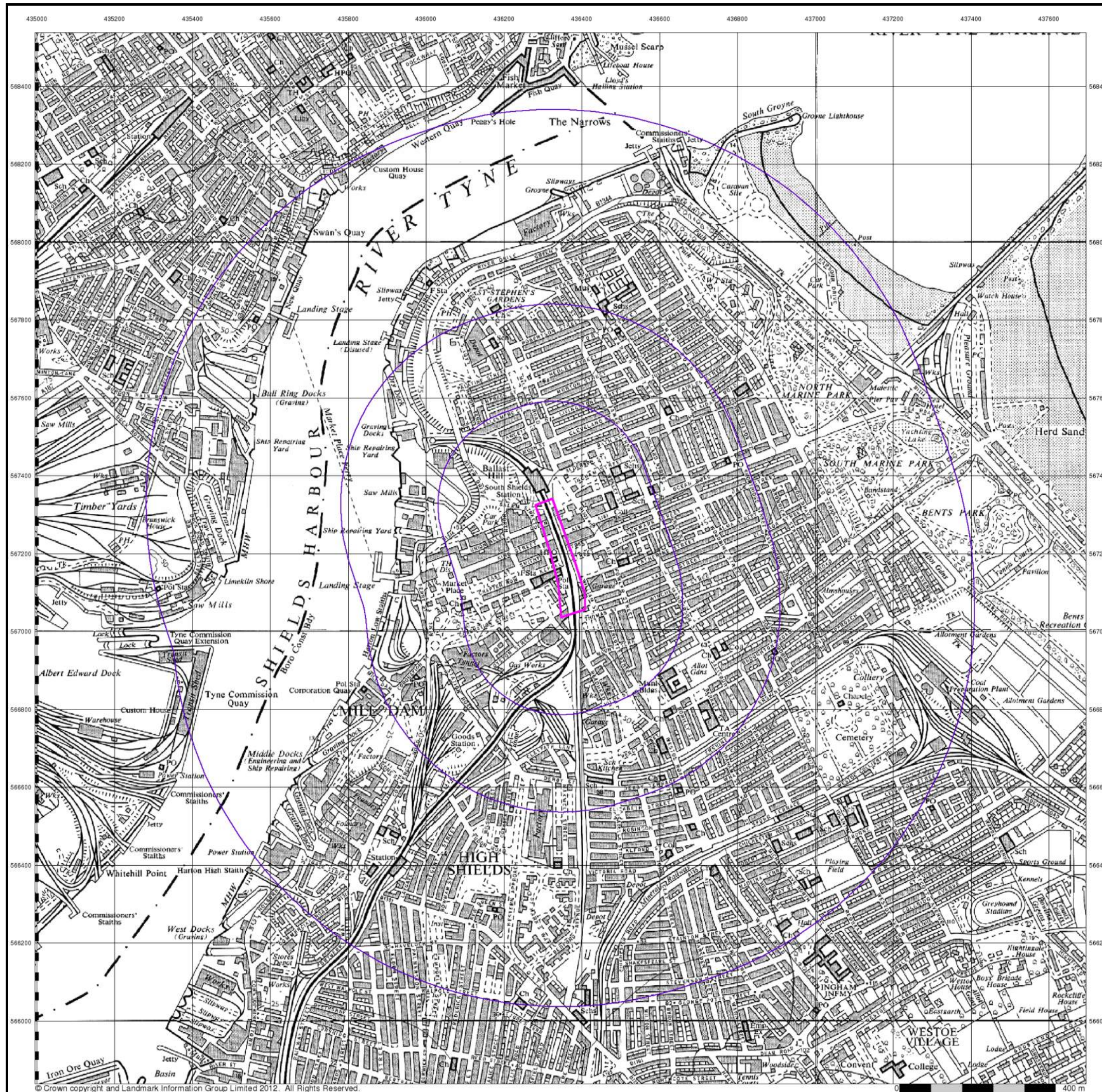


Order Details

Order Number: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 1000

Site Details

27, East Smithy Street, South Shields, NE33 1BT



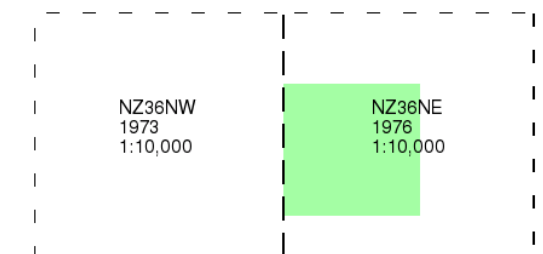
Ordnance Survey Plan

Published 1973 - 1976

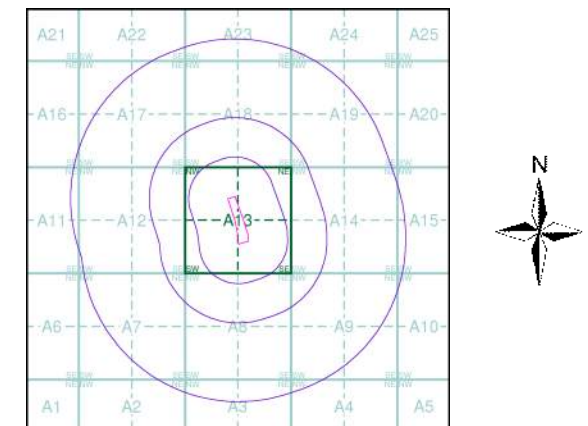
Source map scale - 1:10,000

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: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 1000

Site Details

27, East Smithy Street, South Shields, NE33 1BT



Newcastle-upon-Tyne

Published 1977

Source map scale - 1:25,000

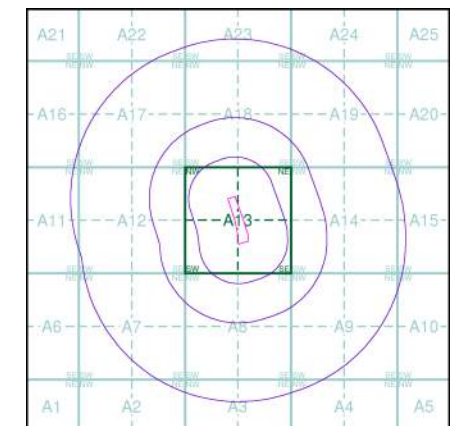
These maps were produced by the Russian military during the Cold War between 1950 and 1997, and cover 103 towns and cities throughout the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scale, and show detailed land use, with colour-coded areas for development, green areas, and non-developed areas. Buildings are coloured black and important building uses (such as hospitals, post offices, factories etc.) are numbered, with a numbered key describing their use.

They were produced by the Russians for the benefit of navigation, as well as strategic military sites and transport hubs, for use if they were to have invaded the U.K. The detailed information provided indicates that the areas were surveyed using land-based personnel, on the ground, in the cities that are mapped.

Map Name(s) and Date(s)

NZ36
1977
1:25,000

Russian Map - Slice A



Order Details

Order Number: 47921799_1_1
Customer Ref: South Shields Metro
National Grid Reference: 436340, 567190
Slice: A
Site Area (Ha): 1.63
Search Buffer (m): 1000

Site Details

27, East Smithy Street, South Shields, NE33 1BT



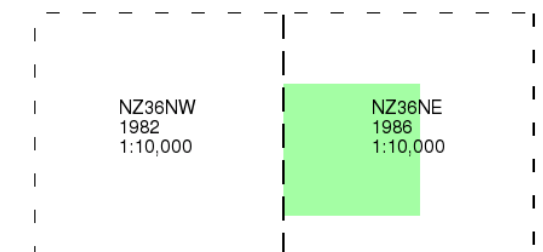
Ordnance Survey Plan

Published 1982 - 1986

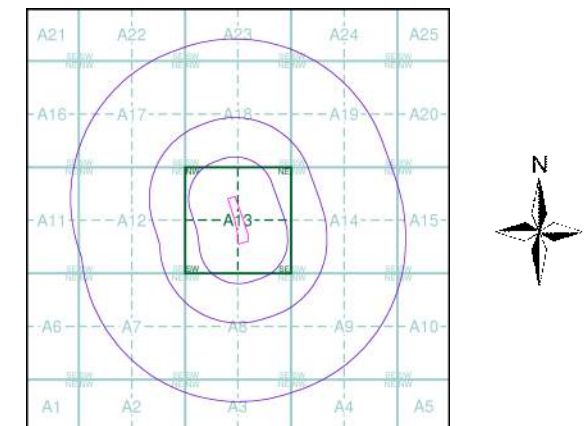
Source map scale - 1:10,000

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

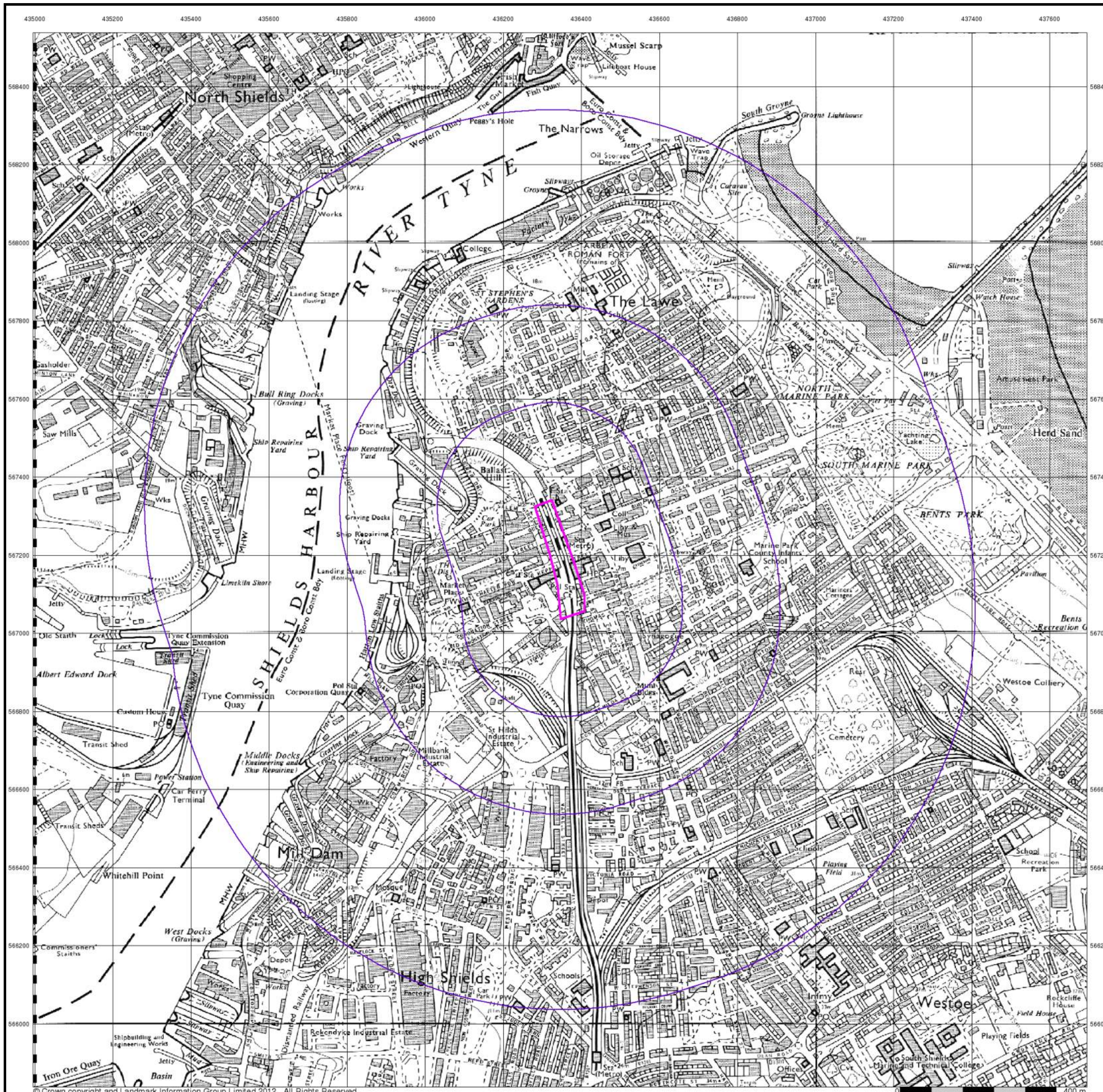


Order Details

Order Number: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 1000

Site Details

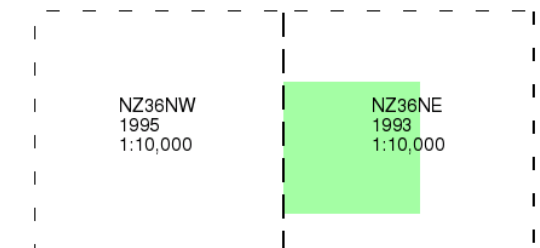
27, East Smithy Street, South Shields, NE33 1BT



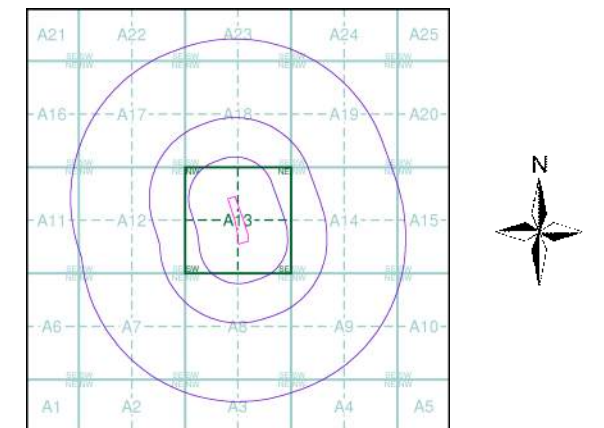
Ordnance Survey Plan
Published 1993 - 1995
Source map scale - 1:10,000

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: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 1000

Site Details

27, East Smithy Street, South Shields, NE33 1BT

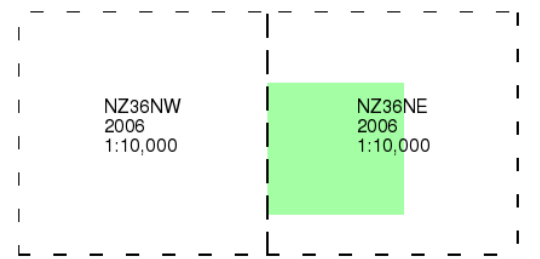




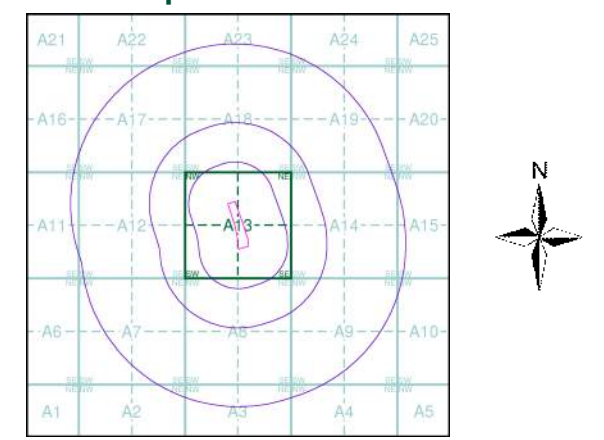
10k Raster Mapping
Published 2006
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 1000

Site Details

27, East Smithy Street, South Shields, NE33 1BT



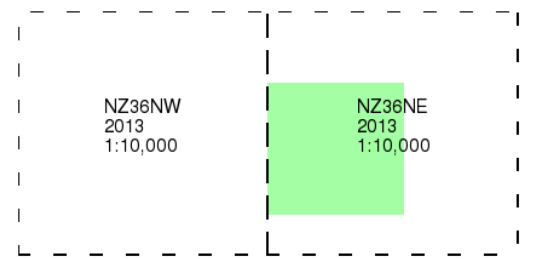
Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk



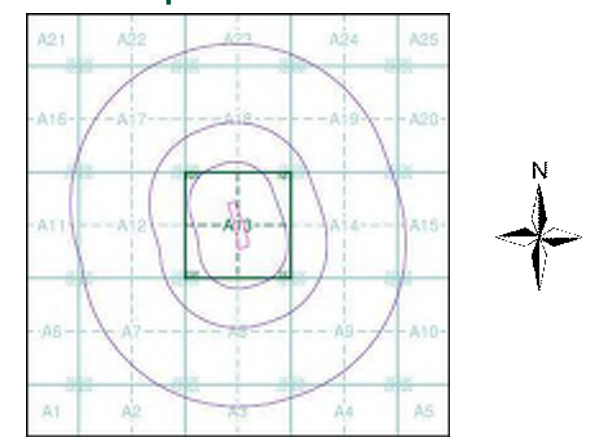
10k Raster Mapping
Published 2013
Source map scale - 1:10,000

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

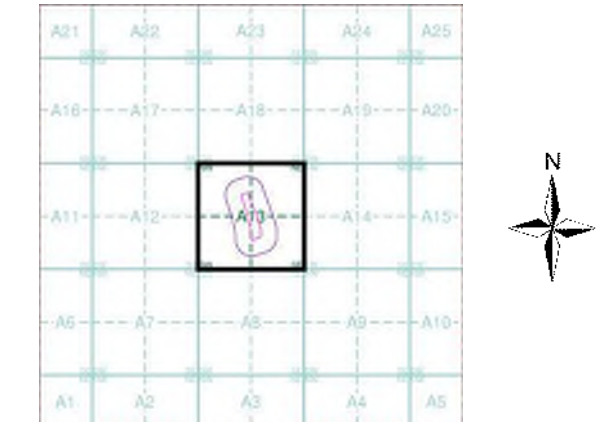
Order Number: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 1000

Site Details

27, East Smithy Street, South Shields, NE33 1BT

- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Registered Landfill Site
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry

Site Sensitivity Map - Segment A13



Order Details

Order Number: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63

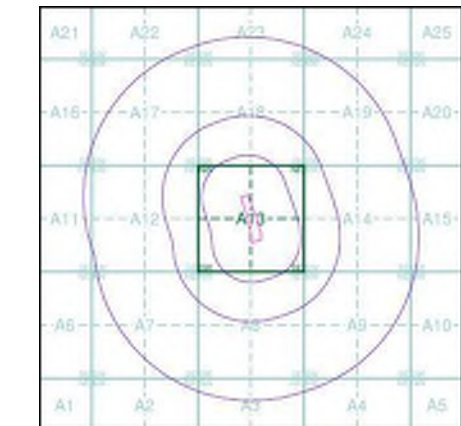
Site Details

27, East Smithy Street, South Shields, NE33 1BT



- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Registered Landfill Site
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHNS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry

Site Sensitivity Map - Slice A

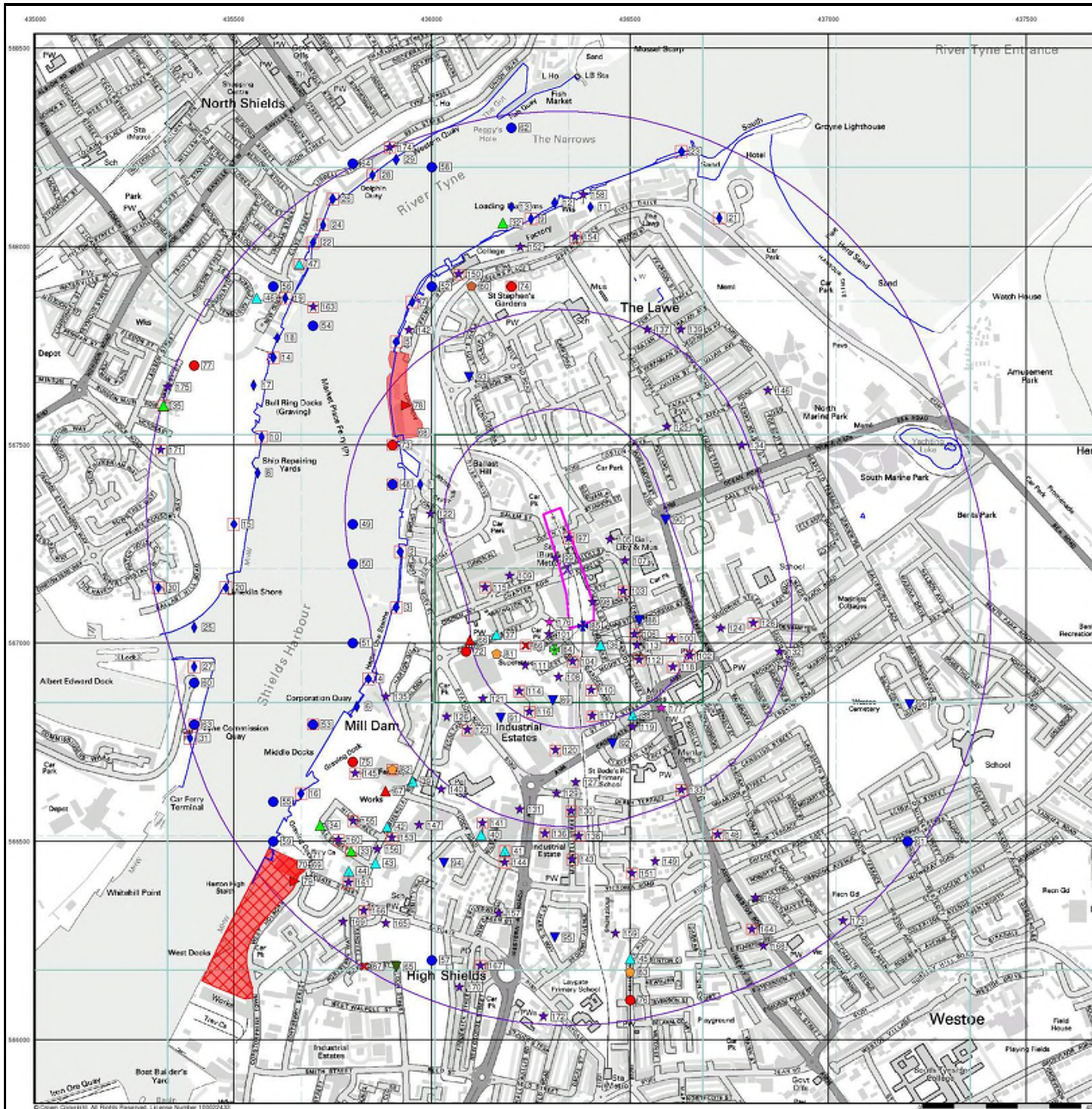










Order Details

Order Number: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 1000

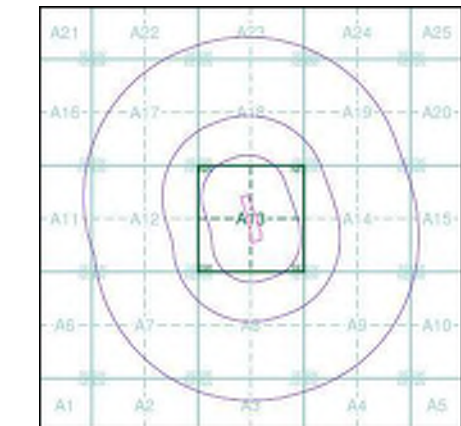
Site Details

27, East Smithy Street, South Shields, NE33 1BT



- General**
-  Specified Site
 -  Specified Buffer(s)
 -  Bearing Reference Point
- Agency and Hydrological (Flood)**
-  Extreme Flooding from Rivers or Sea without Defences (Zone 2)
 -  Flooding from Rivers or Sea without Defences (Zone 3)
 -  Area Benefiting from Flood Defence
 -  Flood Water Storage Areas
 -  Flood Defence

Flood Map - Slice A

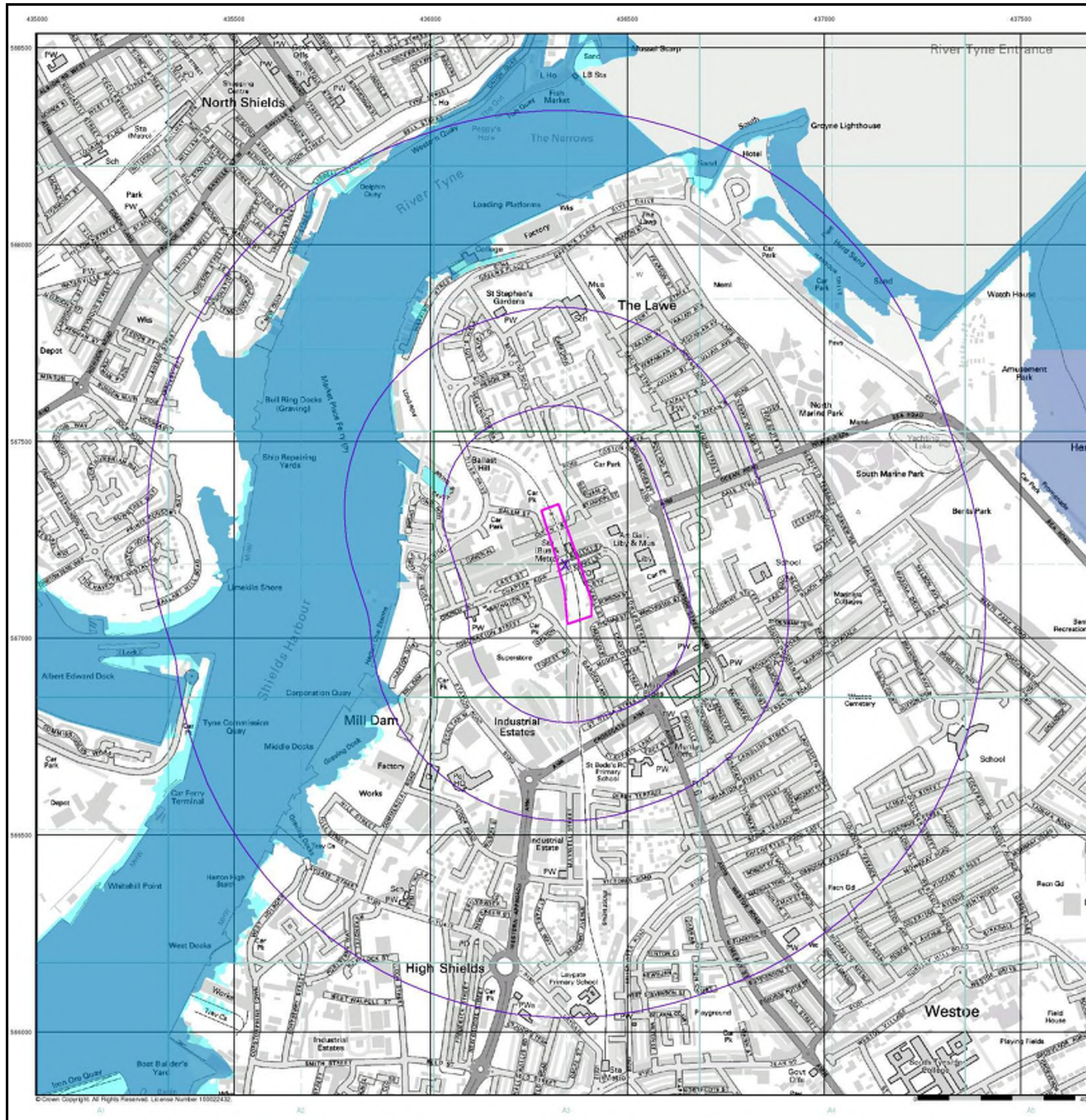


Order Details

Order Number: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 1000

Site Details

27, East Smithy Street, South Shields, NE33 1BT



General

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

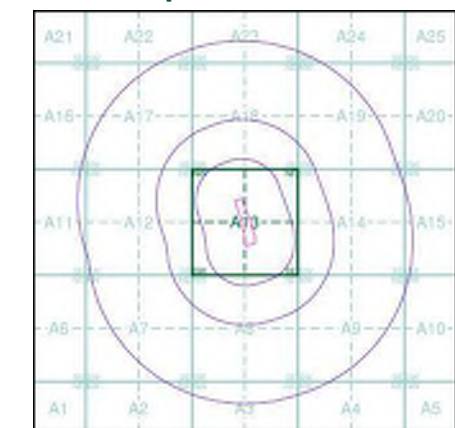
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice A

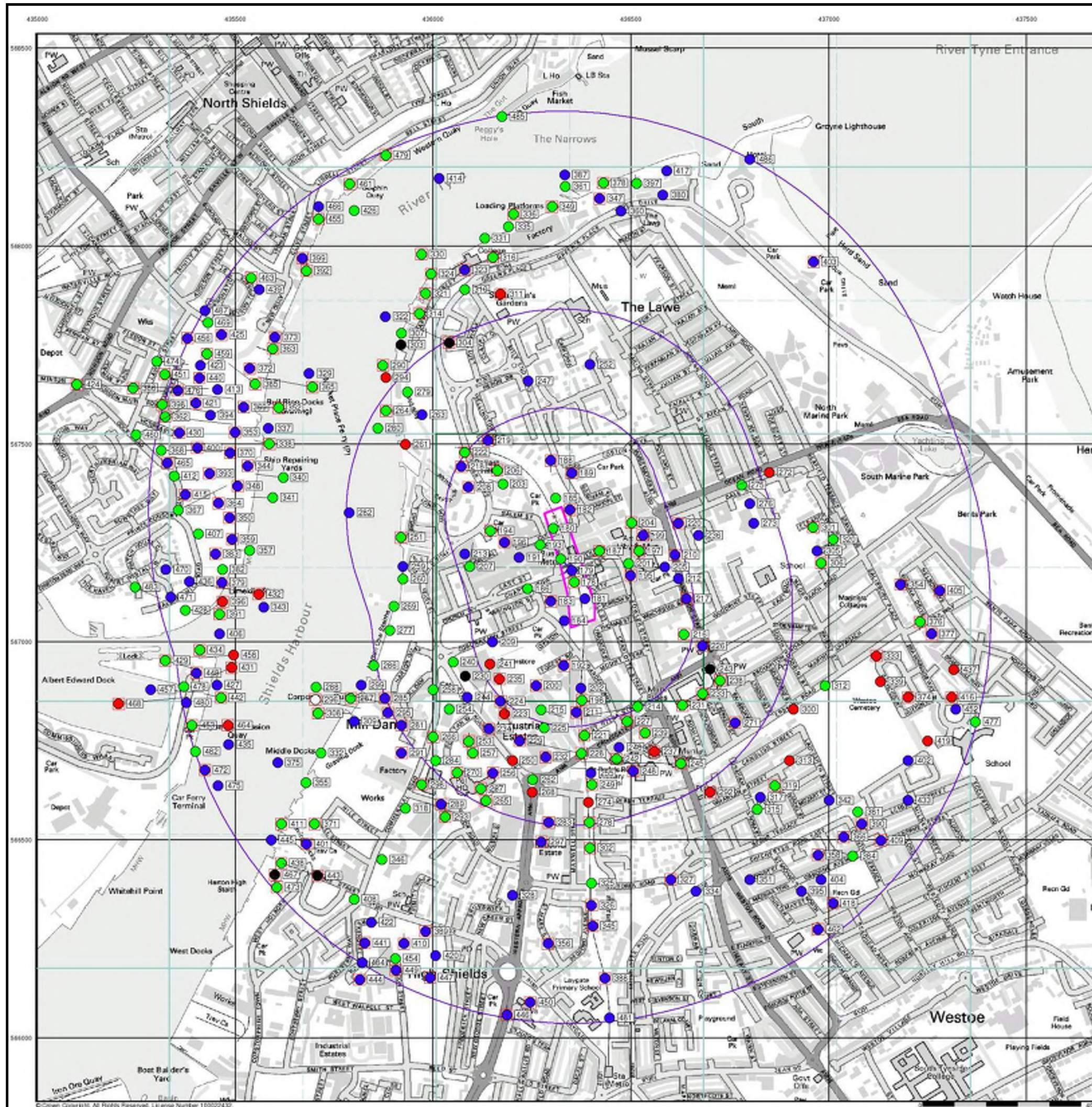


Order Details

Order Number: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 1000

Site Details

27, East Smithy Street, South Shields, NE33 1BT



General

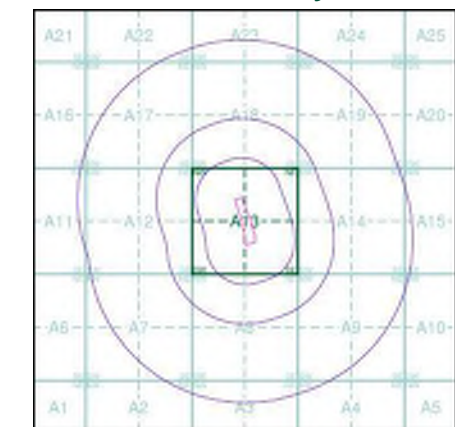
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A

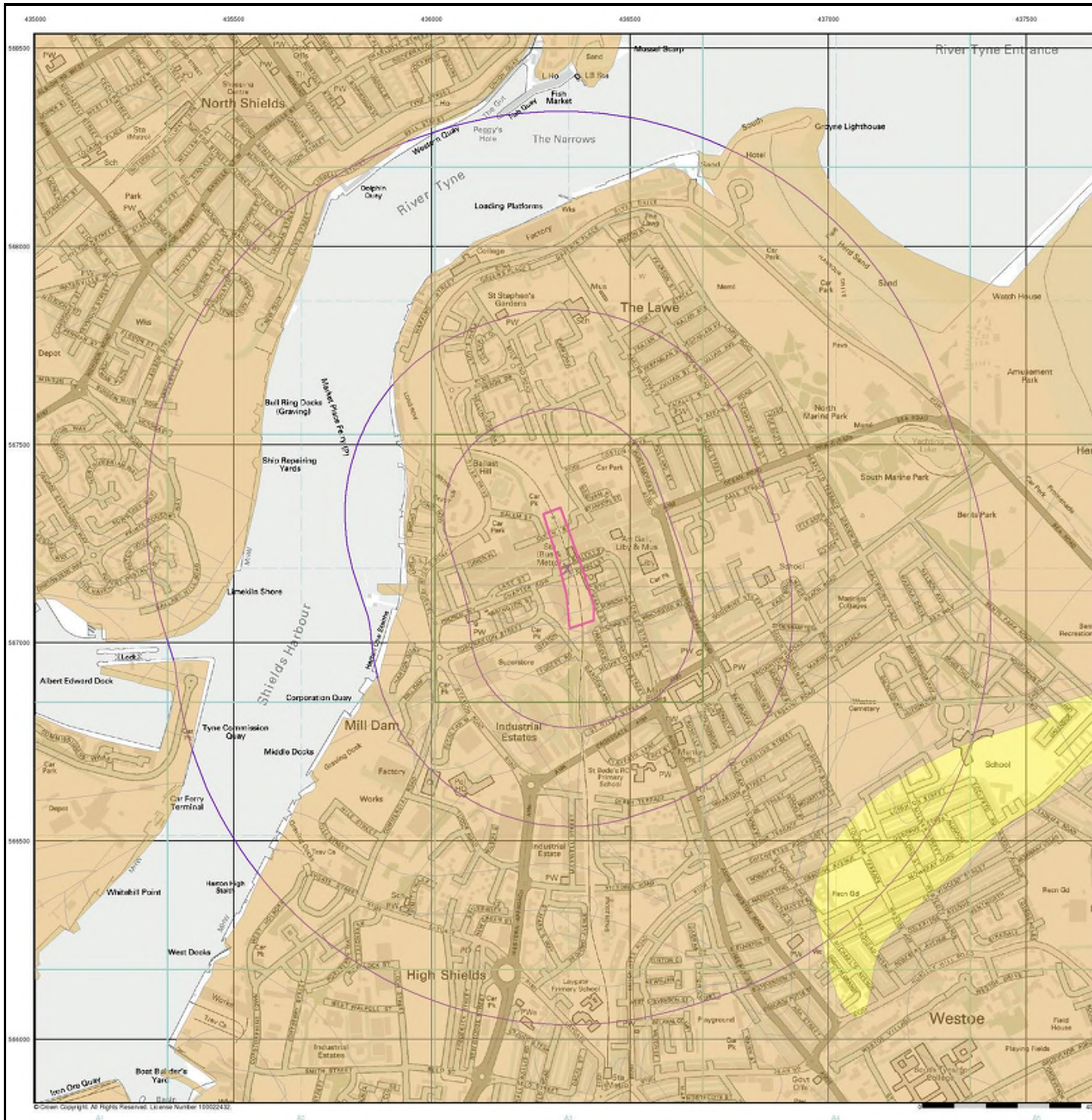


Order Details

Order Details: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 1000

Site Details

27, East Smithy Street, South Shields, NE33 1BT



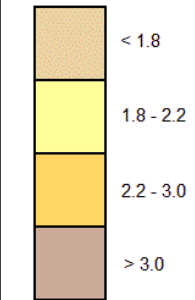
© Crown Copyright. All Rights Reserved. Licence Number 10002432

General

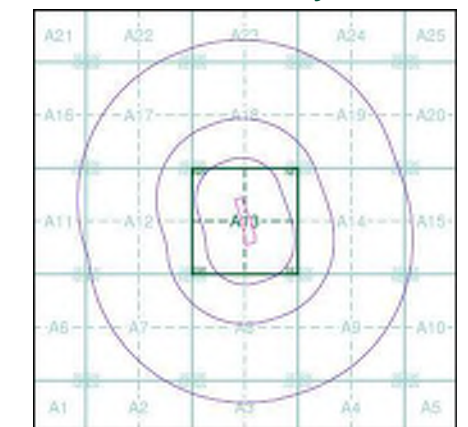
- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A

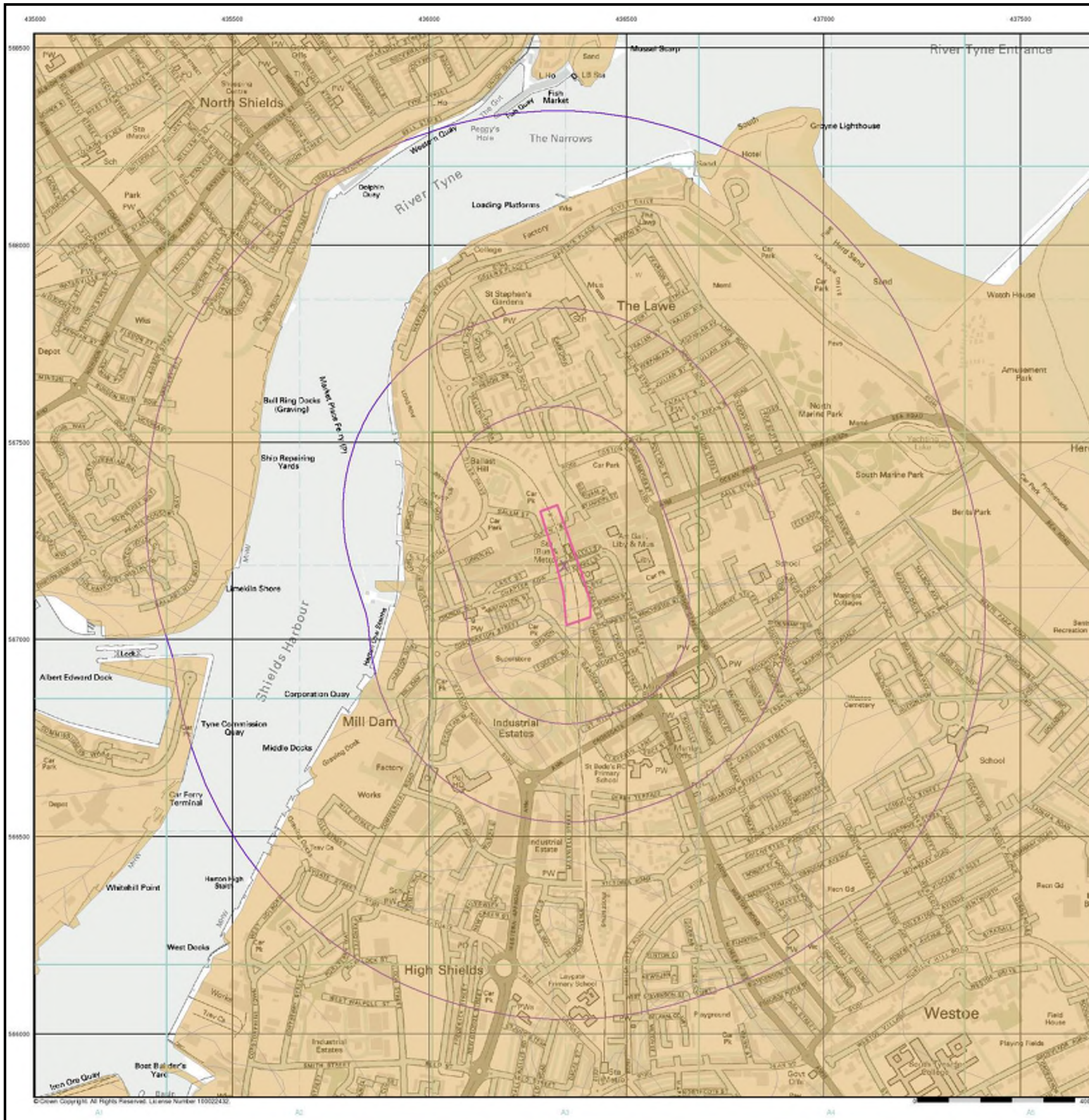


Order Details

Order Details: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 1000

Site Details

27, East Smithy Street, South Shields, NE33 1BT



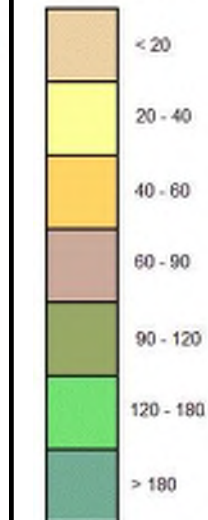
© Crown Copyright. All Rights Reserved. License Number 10002432

General

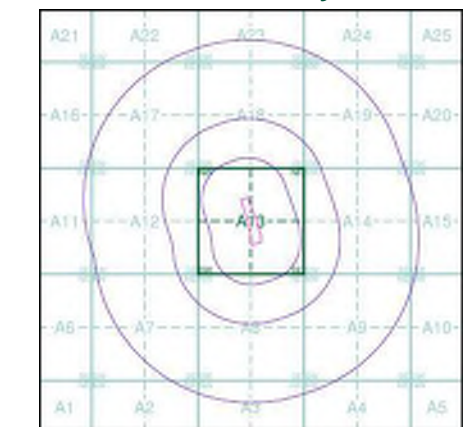
○ Specified Site
 ○ Specified Buffer(s)
 X Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A

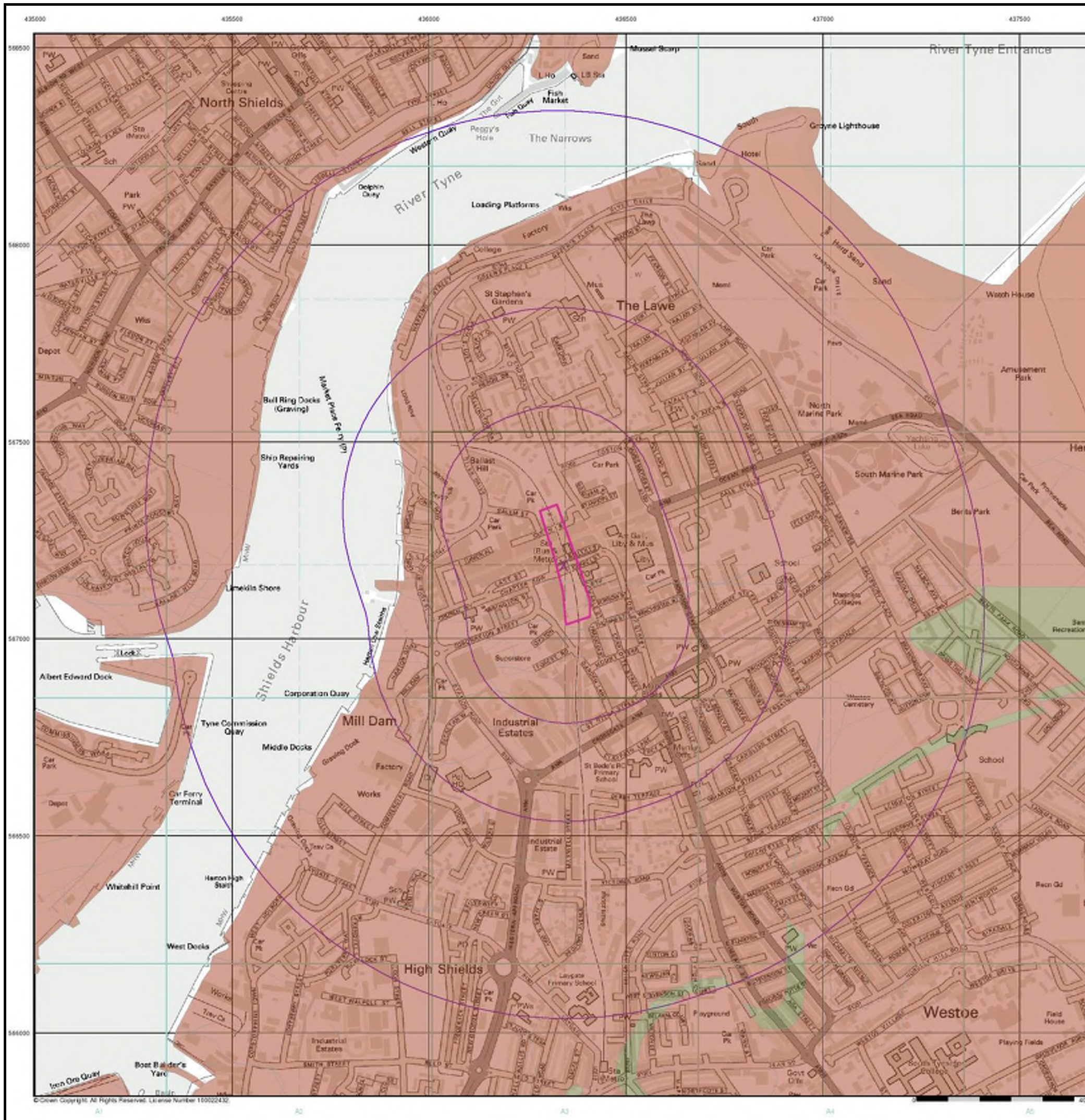


Order Details

Order Details: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 1000

Site Details

27, East Smithy Street, South Shields, NE33 1BT



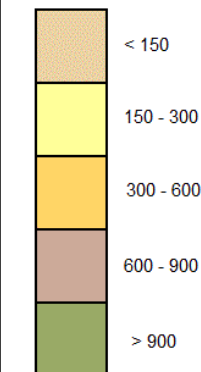
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General

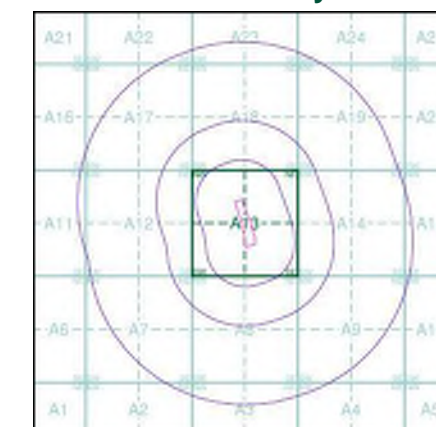
○ Specified Site
 ○ Specified Buffer(s)
 X Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A

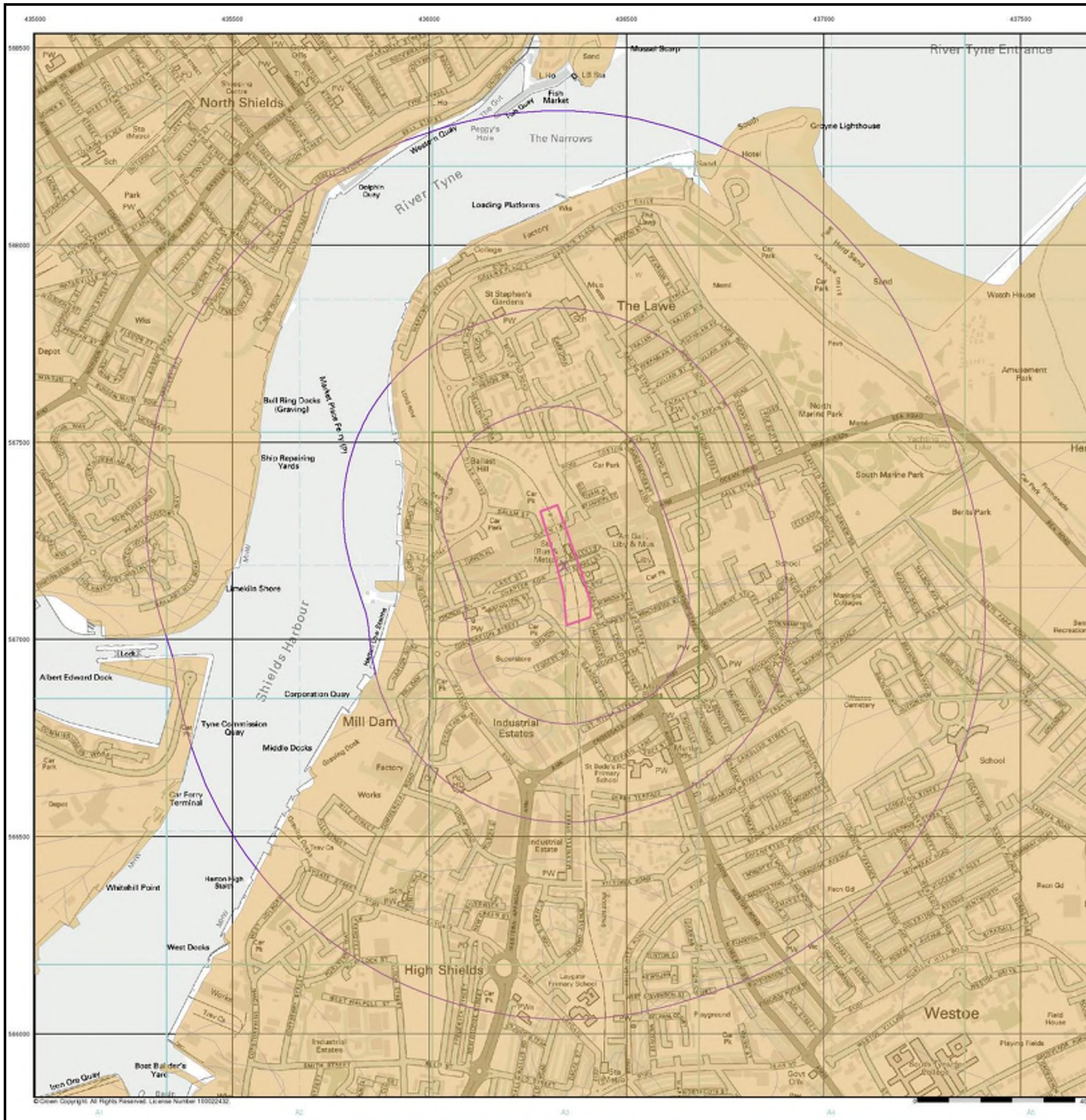


Order Details

Order Details: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 1000

Site Details

27, East Smithy Street, South Shields, NE33 1BT



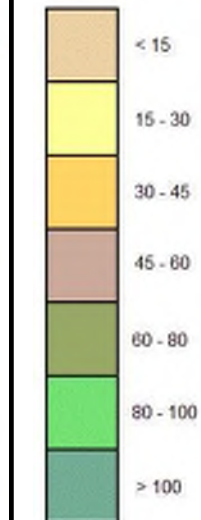
© Crown Copyright. All Rights Reserved. License Number 10002432

General

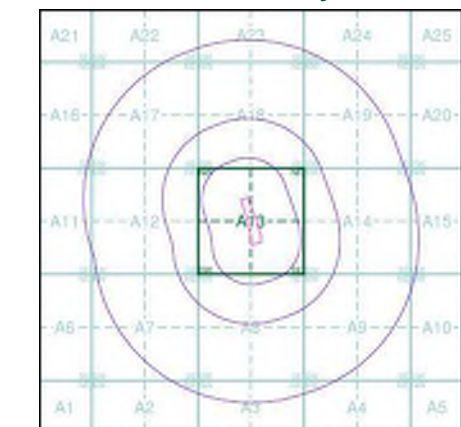
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A

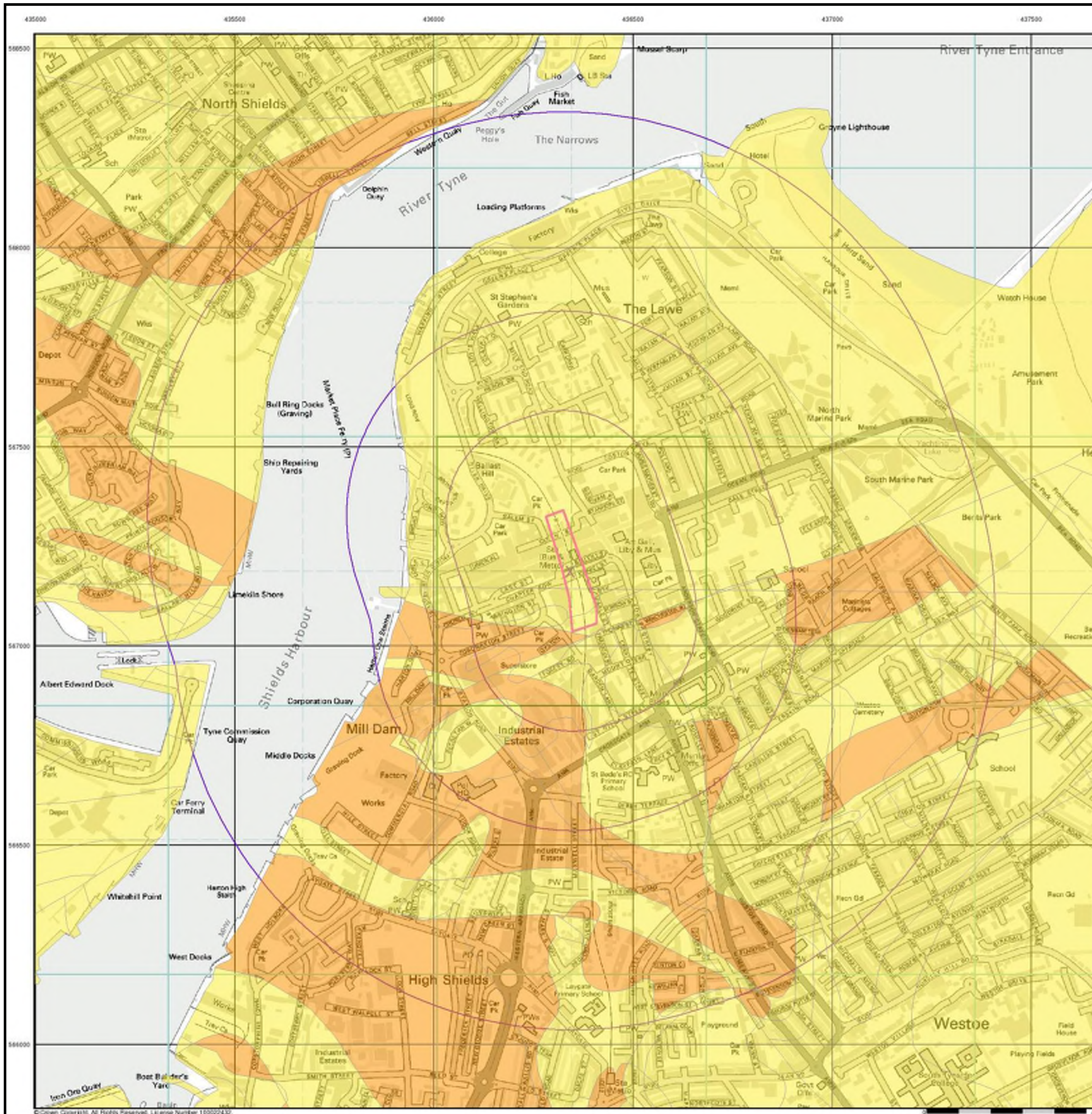


Order Details

Order Details: 47921799_1_1
 Customer Ref: South Shields Metro
 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 1000

Site Details

27, East Smithy Street, South Shields, NE33 1BT



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Appendix B

Historical Borehole Logs

NZ36NE492 - 495



British Geological Survey

NATURAL ENVIRONMENT RESEARCH COUNCIL

BGS ID: 16109580 : BGS Reference: NZ36NE492

British National Grid (27700) : 436303,567287

[Report an issue with this borehole](#)

- <<
- < [Prev](#)
- Page 4 of 10
- [Next](#) >
- >>



NZ36NE493

FOUNDATION ENGINEERING LIMITED
 TYNESIDE METROPOLITAN RAILWAY
 Section : SOUTH SHIELDS
 RECORD OF BOREHOLE NO. BA 2

Sheet 1. of 2.

JOB NO OAP 4914	CF669/1266
FIG NO.	
MADE BY SB / NL / KR / CH	
DATE MAY 1975	

DAILY PROGRESS	DEPTH TO WATER	DEPTHS OF CASING	SAMPLES			LEG- END	DEPTH	REDUCED LEVEL	DESCRIPTION OF STRATA
			DEPTH		TYPE				
			FROM	TO					
30.7.74	m	m	m	m		m	m	Ground Level 9.78 m.O.D	
			0.30		BD		0.00 9.78	Loose black ash and fine, medium and coarse angular gravel of brick and concrete. (MADE GROUND)	
			0.75	0.90 1.20	S (7)				
			1.30		BD				
			1.40	1.65 1.95	S (5)		1.50 8.28	Soft dark grey to black, sandy, silty CLAY and fine, medium and coarse, subangular to angular gravel. (MADE GROUND)	
				2.00	BD				
			2.20	2.40 2.70	S (5)				
				2.75	BD				
			3.00	3.15 3.45	S (5)				
				3.50	BD				
			3.75	3.90 4.20	S (9)		3.75 6.03	Loose brown, fine and medium sand, black ash with subangular to angular gravel. (MADE GROUND)	
				4.30	BD		4.30 5.48	Soft, grey-brown, sandy clay, ash and fine medium gravel. (MADE GROUND)	
			4.50	4.65 4.95	S (7)		4.50 5.28		
				4.85	BD			Soft to firm, dark grey-brown, silty, sandy clay, with angular, fine and medium gravel and white chemical waste. (MADE GROUND)	
			4.80	5.00 5.45	U 102		5.30 4.48		
				5.45	D			Soft to firm, brown and grey, mottled, slightly laminated, silty CLAY. (UPPER BOULDER CLAY)	
			4.80	5.65 5.95	S (7)				
				6.25	BD		6.35 3.43	Medium dense, brown and yellow, fine and medium grained SAND with a little grey-brown, sandy, silty clay. (SAND & GRAVEL)	
			6.20	6.50 6.95	U 102				
				7.00	D				
			6.20	7.35 7.65	S (26)		7.60 2.18	Medium dense to dense, brown, fine, medium and coarse grained SAND and subangular to angular fine, medium and coarse gravel, cobbles and boulders. (SAND & GRAVEL)	
				8.00	BD				
				8.50	BD				
			8.75	8.90 9.20	S (23)				
				9.30	BD				
			9.50	9.65 9.95	S (30)				
					DS				

REMARKS

No seepages noted.
 Water added to assist boring.

TYPE OF BORING

Shell & Auger to 13.00 m

DIAMETER OF BORING
 200 mm to 13.00m
 mm to m
 mm to m

CASING TUBES
 200 mm to 10.20m
 mm to m
 mm to m

BOREHOLE

NZ36NE493

FOUNDATION ENGINEERING LIMITED
 TYNESIDE METROPOLITAN RAILWAY
 Section : SOUTH SHIELDS
 RECORD OF BOREHOLE NO. BA.2

Sheet 2 of 2

JOB NO	OAP 4914	CF 669/1286
FIG NO.		
MADE BY SB / NL / KP / CH		
DATE MAY 1975		

DAILY PROGRESS	DEPTH TO WATER	DEPTH OF CASING	SAMPLES			LEG- END	DEPTH	REDUCED LEVEL	DESCRIPTION OF STRATA
			DEPTH		TYPE				
			FROM	TO					
	m	m	m	m		m	m	Ground Level 9.78 m.O.D.	
			10.00		BD	10.10	-0.32	Stiff, dark grey, silty, sandy CLAY with some subangular to angular, fine, medium and coarse gravel. (LOWER BOULDER CLAY)	
		9.50	10.50	10.95	N 102				
			10.95		D				
		10.20	11.25	11.55	S (32)				
					DS				
		10.20	11.90	12.20	S (36)				
					DS				
		10.00	10.20	12.65	12.95	S (35)			
					DS				
					END	13.00	-3.22		

REMARKS

TYPE OF BORING
 Shell & Auger to 13.00 m

DIAMETER OF BORING
 .. 200 mm to 13.00 m
 mm to m
 mm to m

CASING TUBES
 .. 200 mm to 10.20 m
 mm to m
 mm to m

BOREHOLE

NZ36NE494

FOUNDATION ENGINEERING LIMITED
 TYNESIDE METROPOLITAN RAILWAY
 Section : SOUTH SHIELDS.
 RECORD OF BOREHOLE NO. BA.3.....

Sheet 1. of 2.

JOB NO. OAP 4914	CF 669/1286
FIG NO.	
MADE BY SB / NL / KP / CH	
DATE MAY 1975	

DAILY PROGRESS	DEPTH TO WATER	DEPTHS OF CASING	SAMPLES			LEG- END	DEPTH	REDUCED LEVEL	DESCRIPTION OF STRATA
			DEPTH		TYPE				
			FROM	TO					
25.7.74	m	m	m	m		m	m	Ground Level 11.70 m O.D.	
		0.70	0.85	1.15	S (5)			Loose, black ash, brick, clinkers and concrete with a little soft sandy clay and silty clay. (MADE GROUND)	
			1.20		BD				
		1.20	1.60	1.90	S (6)				
			2.00		BD				
		2.00	2.35	2.65	S (5)				
			2.70		BD				
		2.95	3.10	3.40	S (5)				
			3.45		BD	3.40	8.30		
		3.70	3.85	4.15	S (10)				
			4.20		BD				
		4.20	4.60	4.90	S (15)				
			4.95		BD				
		5.20	5.35	5.65	S (16)				
			5.80		BD				
		5.80	6.10	6.40	S (21)				
			6.60		BD				
		6.70	6.85	7.15	S (22)				
			7.20		BD				
		7.40	7.60	7.90	S (12)				
			7.95		BD				
		8.20	8.35	8.65	S (9)				
			8.70		BD				
		8.60	9.10	9.40	S (23)	8.80	2.90		
			9.45		BD				
						9.70	2.00		

REMARKS

Seepage noted at 8.80 m and 17.90 m.
 Chisel used at 17.20 m.
 Standpipe installed at 12.90 m.

TYPE OF BORING
 Shell & Auger to 19.30 m

DIAMETER OF BORING
 200 mm to 10.20 m
 150 mm to 19.30 m
 mm to m

CASING TUBES
 200 mm to 9.20 m
 150 mm to 16.00 m
 mm to m

BOREHOLE
 NO. BA.3

NZ36NE494

FOUNDATION ENGINEERING LIMITED
 TYNESIDE METROPOLITAN RAILWAY
 Section : SOUTH SHIELDS
 RECORD OF BOREHOLE NO. BA 3

Sheet 2 of 2.

JOB NO OAP 4914	CF669/1286
FIG NO.	
MADE BY SB / NL / KP / C.H.	
DATE MAY 1975	

DAILY PROGRESS	DEPTH TO WATER	DEPTHS OF CASING	SAMPLES			LEG- END	DEPTH	REDUCED LEVEL	DESCRIPTION OF STRATA
			DEPTH		TYPE				
			FROM	TO					
	m	m	m	m		m	m	Ground Level 11.70 m.O.D.	
26.7.74	1.40	9.20	10.35	10.65	S (11)			Medium dense, brown and yellow-brown clayey, silty, medium and coarse grained SAND, with a little subangular gravel. (SAND & GRAVEL)	
		10.95	11.10	11.40	S (9)				
		11.70	11.85	12.15	S (10)				
			12.20		BD				
		12.45	12.60	12.90	S (23)				
					W	12.90	-1.20		
		13.00	13.20	13.50	U 102				
		13.00	13.75	13.98	S (48)				
		14.70	14.85	15.08	S (48)				
			15.40		BD				
		15.20	15.75	16.05	S (37)				
		16.00	16.35	16.65	S (38)				
			16.70		BD				
		16.00	16.95	17.10	S (100)				
		16.00	17.85	17.93	S (120)				
						18.00	-6.30		
		16.00	18.60	18.64	S (120)				
		16.00	19.20	19.35	S (98)				
						19.30	-7.60		
								END	

REMARKS

TYPE OF BORING
 Shell & Auger to 19.30

DIAMETER OF BORING
 ... 200 mm to 10.20m
 ... 150 mm to 19.30m
 ... mm to ... m

CASING TUBES
 ... 200 mm to 9.20 m
 ... 150 mm to 16.00 m
 ... mm to ... m

BOREHOLE

NZ36NE495

FOUNDATION ENGINEERING LIMITED
 TYNESIDE METROPOLITAN RAILWAY
 Section : SOUTH SHIELDS
 RECORD OF BOREHOLE NO. BA 4

Sheet 1. of 3.

JOB NO OAP 4914	CF669/1286
FIG NO.	
MADE BY SB / NL / KP / CH	
DATE 1975	

DAILY PROGRESS	DEPTH TO WATER	DEPTHS OF CASING	SAMPLES			LEG- END	DEPTH	REDUCED LEVEL	DESCRIPTION OF STRATA
			DEPTH		TYPE				
			FROM	TO					
	m	m	m	m		m	m	Ground Level 5.59 m.O.D.	
19.9.74						0.00	5.60	Tarmac and concrete.	
			0.50		D		0.30		
								Dense, black ash, with clinkers, brick and concrete. (MALE GROUND)	
		0.00	1.15	1.45	S(40)				
					D S				
	DRY	1.50							
20.9.74	DRY	1.75	1.90	2.20	S(52)				
					D S				
			2.50	2.65	2.95	S(9)	2.25	3.35	Soft, grey brown, clayey PEAT. (PEAT)
					D S				
			3.25		B D				
		3.25	3.50	3.95	U 102		3.50	2.10	Firm, dark grey, sandy CLAY with traces of coal. (UPPER BOULDER CLAY)
			4.00		D	END	4.00	1.60	

REMARKS

No seepages noted.
 Chiselling between 0.00 and 0.30 m

TYPE OF BORING

Shell & Auger to 4.00 m

DIAMETER OF BORING

200 mm to 4.00 m

..... mm to m

..... mm to m

CASING TUBES

200 mm to 4.00 m

..... mm to m

..... mm to m

BOREHOLE

NZ 36 NE/197/B

DUNELM DRILLING CO.

BGS REGISTRATION NO.
NZ 36 NE/197-B
PAGE NO. 1

BOREHOLE RECORD

Contract No. C2129 Client CUNDALL JOHNSTON + PTNS
Ground Level Location LIBRARY - S SHIELDS
Date FEB 1982 BOREHOLE No. 2

Depth	Thick-ness	Legend	Description of Strata	Type of Sample	C kN/m ²	M °	Ø	Density Kg m ⁻³	N
0.30	0.30		PAVING SLABS ON SAND BASE	P 0.50					5
	1.90		ASH BACK FILL	P 1.50					4
2.20	0.20		BROWN FISSURED CLAY	U 2.50	106.1	20.0		2000	
2.40	1.20		BROWN + GREY MOTTLED CLAY	U 3.50	131.6	16.0	6°	2100	
3.60			FINE/MED GRAINED BROWN SAND	P 4.50					11
	4.90			P 6.00					9
				P 8.00					13
8.50	0.30		GRAVEL						
8.80	0.20		LAMINATED CLAY						
9.00	1.00		DK GREY BOULDER CLAY	U 9.50	311.4	10.0		2220	
10.00									





Durham

Published 1897 - 1898

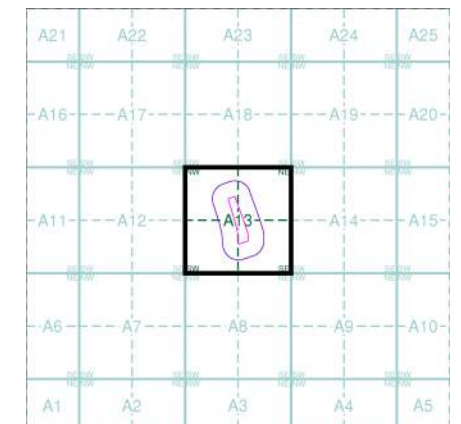
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

004_01
1898
1:2,500
004_05
1897
1:2,500

Historical Map - Segment A13



Order Details

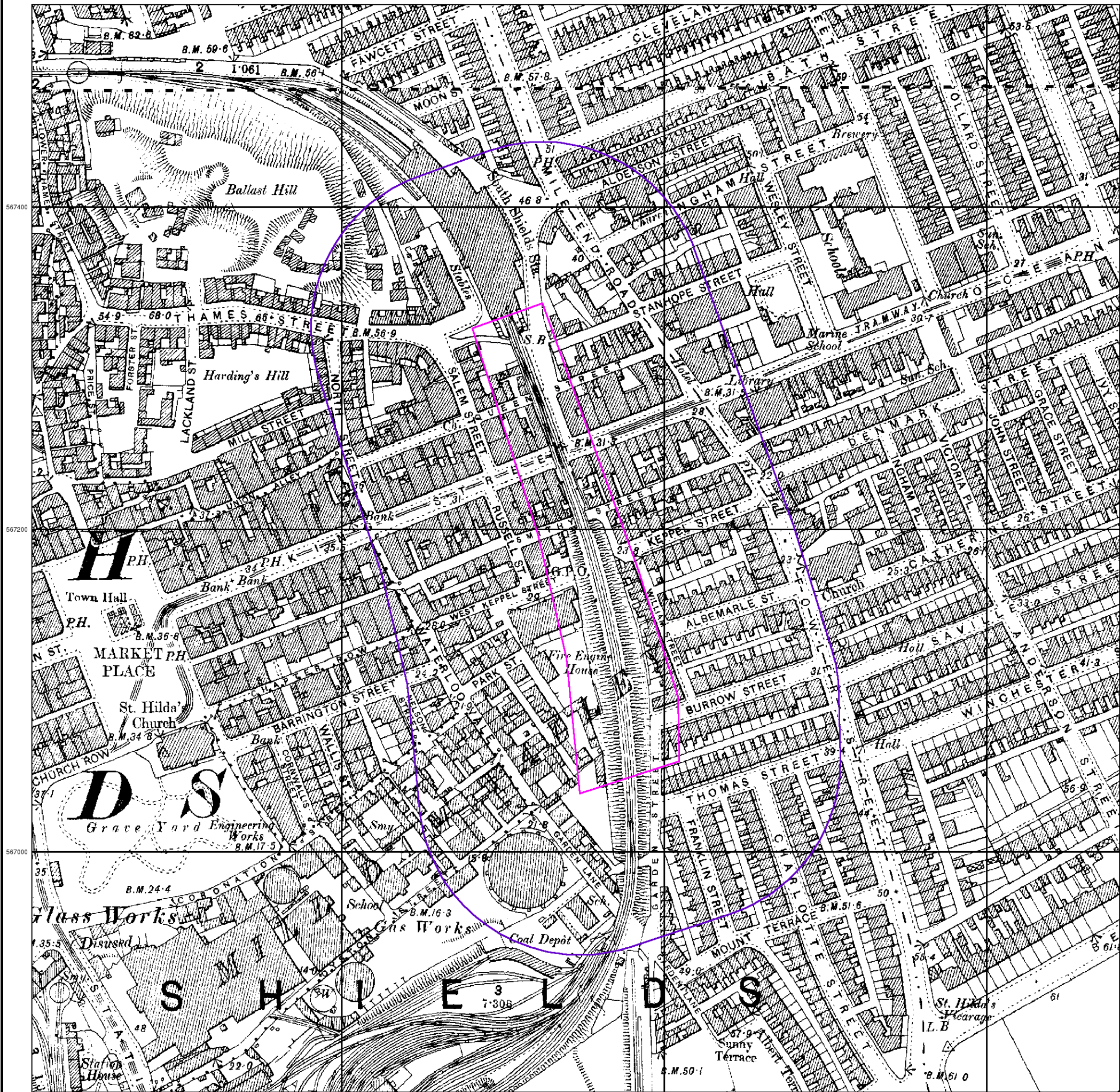
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 National Grid Reference: 436340, 567190
 Slice: A
 Site Area (Ha): 1.63
 Search Buffer (m): 100

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Durham

Published 1915

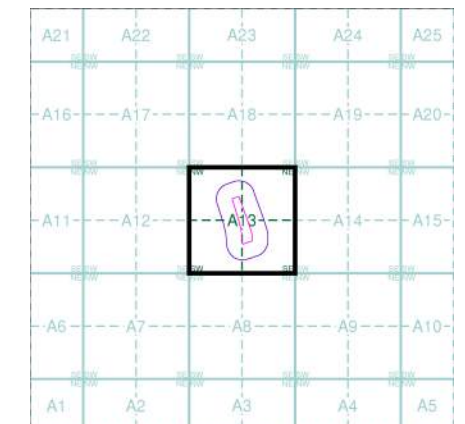
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004_01
1915
1:2,500
004_05
1915
1:2,500

Historical Map - Segment A13



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