

# Phase 1 Geotechnical and Geo-environmental Desk Study Report



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# Executive Summary

## Introduction

On the instructions of Renewable Energy Systems Limited (RES), AECOM Ltd has carried out a Phase 1 desktop study and site reconnaissance for a proposed Energy Storage Facility on land at the Port of Tyne. It is understood that the proposals are for RES to become tenants of the site and to establish the storage facility, which is expected to comprise multiple shipping containers (containing battery cells) with external power conversion systems and transformers arranged alongside them, with a separate substation area with harmonic filter and auxiliary transformer located in the southeast of the site. An export cable connecting the facility to the grid is expected to run to the south of the site to the nearby local substation.

The project was commissioned in order to obtain and collate information on the geotechnical and geo-environmental characteristics of the site, to qualitatively assess the potential geotechnical and geo-environmental risk issues and to provide recommendations for the proposed development. This desktop report is based on readily available, published and unpublished information and observations made during a site reconnaissance.

## Project Findings

<i>Current Usage</i>	The site appears to be currently used for storing materials including coal and possible demolition material. It covers an area of approximately 0.55Ha. The site has a generally level topography and hardcover is present across much of the site. The area of scrub land to the south of the site lies within the planning application boundary and is considered in this report as a feature adjacent to the site.
<i>Setting and Environs</i>	<p>The site is situated in an area dominated by various industrial operations and commercial premises within an area of docklands. Perhaps the most dominating land uses appearing in recent aerial photography is a large area for car storage to the west and northwest, a bulk storage and loading operation to the north, large warehouse-type buildings to the east and former dockland to the northeast. Predominantly residential areas are situated to the south and southeast.</p> <p>To the south of the site are two unoccupied, presumably former works buildings, followed by Jarrow Road (A185) and a fuel filling station. To the west are a sewage pumping station and a narrow watercourse. To the east is a Cemex yard, with a railway line and scrap metal yard beyond. An electricity transmission line crosses the northern part of the site.</p>
<i>Site Reconnaissance</i>	<p>A site reconnaissance survey was carried out by an AECOM Engineer on 7<sup>th</sup> July 2016. Written and photographic accounts of the findings are included in this report.</p> <p>Perhaps the most significant observation was localised stockpiling of possible waste materials and there is evidence to suspect possible asbestos impacted materials.</p>
<i>Site History</i>	<p>The earliest Ordnance Survey map dated 1862 indicates the site to be uninhabited marshland. The land appears to have been subsequently reclaimed. The material used for infilling is currently of unknown origin but existing records suggest it may be highly variable with inclusions such as brick, coal, clinker, slag and plastic. By 1897 the site was occupied by a main building with smaller structures to the north. A plan dated 1912 identifies a saw mill on the site, including a number of tanks, a chimney and creosoting cylinders. Railway sidings were present and railway lines ran through the eastern part of the site and the scrub land.</p> <p>The site is indicated to have been cleared by the early 1950s but was occupied by a new saw mill by 1969. By the early 1990s an embankment passing through the site was realigned to accommodate a collection of tanks to the east of the building. This building appears to have been cleared during the early 2000s. An unidentified building was subsequently present in the eastern portion of the site. However, this structure was not present at the time of the site reconnaissance visit.</p>
<i>Geology</i>	The geology of the site, based on published records, comprises unclassified Superficial Deposits (presumably of fluvial or marine origin), Tidal River or Creek deposits and Pelaw Clay Member potentially in the northern and southern extremities of the site respectively, underlain by the Pennine Middle Coal Measures Formation.

<i>Geology cont.</i>	<p>There is likely to be a substantial thickness of Made Ground present on the site overlying the natural geological sequence, partly attributable to land reclamation.</p> <p>A Coal Authority report indicates that the site is in an area that could be affected by underground mining in two seams of coal at 420m to 460m depth. These were last worked in 1927. The report indicates that there are no known coal mining entries within or within 20m of the boundary of the site. However, the presence of unrecorded entries cannot be discounted.</p> <p>The site is not in an area likely to be affected from any planned future underground coal mining. However, reserves of coal exist in the local area which could be worked at some time in the future.</p>
<i>Hydrogeology</i>	<p>The Superficial Deposits (Tidal River or Creek Deposits) are classified as a Secondary Undifferentiated Aquifer. The Pennine Middle Coal Measures are classified as a Secondary A aquifer. The site does not lie within a Source Protection Zone and there are no records of groundwater abstractions in the area.</p> <p>Available mapping indicates that the majority of the site is considered to be within an area with the "Potential for Groundwater Flooding to Occur at Surface".</p>

## Project Conclusions

<i>Ground Contamination</i>	<p>The preliminary findings suggest that the geo-environmental risks may be perceived as moderate to high. The risk level may be perceived to be less if the Client is only taking on tenancy of the site rather than ownership. However, this may depend on factors including tenancy terms and expectations or requirements under the local authority permission to use the site for the proposed purpose.</p> <p>Possible sources of ground contamination may include:</p> <ul style="list-style-type: none"> <li>- Contamination associated with the historical use of the site e.g. saw mill (including tanks and creosoting cylinders), and associated dock and railway land;</li> <li>- Contamination associated with current on-site sources e.g. possible waste stockpiles, suspected asbestos containing materials and car parking;</li> <li>- Contamination associated with the historical off-site sources e.g. infill material, dock land, saw mill, various industries and commercial properties;</li> <li>- Contamination associated with current off-site sources e.g. petrol filling stations and electrical substation;</li> <li>- Ground gases and vapours, with potentially significant concentrations of carbon dioxide and methane and associated depleted concentrations of oxygen;</li> <li>- Possible presence of UXO.</li> </ul> <p>A number of potential contaminant linkages are considered relevant to the site.</p> <p>The site may be regarded as Land Affected by Contamination and it is anticipated that further works will be required in order to investigate the potential contaminant linkages identified to-date and to determine if any remedial action is likely to be required.</p>
<i>Remediation</i>	<p>The requirement for remediation will be determined following an intrusive ground investigation.</p>
<i>Geotechnical Hazards</i>	<p>The principal known hazards include the likely presence of a substantial thickness of Made Ground/Fill, lateral changes in ground conditions, shrinkable clay soils, highly compressible / low bearing capacity soils, coal mine workings at depth, high groundwater table and possible flood risk, existing substructures such as old foundations and services, potential for UXO and adverse ground chemistry.</p>

<i>Foundations</i>	AECOM has not been supplied with structural loading details to date. For traditional buildings the significant thickness of Made Ground may necessitate the need for deep foundations such as piles or alternatively ground improvement. However, the modular nature of the proposed development may enable a shallow raft foundation to be possible subject to further investigation and engineering assessment. Settlements with a shallow raft foundation would need to be considered in detail.
<i>Further Investigations</i>	<p>A Phase 2 intrusive ground investigation will be required in order to substantiate the preliminary findings of this report and to provide suitable information for geotechnical design and planning.</p> <p>Prior to the ground investigation the Client should procure a detailed desk study and risk assessment for the potential risks from UXO from a specialist provider. This exercise should determine what mitigation measures are required during ground investigation works and construction. Ground investigation works may also require a watching brief for archaeology.</p> <p>Investigations impacting coal seams within the Coal Measures will require a licence from the Coal Authority.</p> <p>The undertaking of a ground investigation will require careful planning with the Client to ensure the activities can be carried out safely. Current buried services information will be required prior to breaking ground.</p>

# **1 Introduction**

# 1 Introduction

## 1.1 Reason for the Report

On the instructions of Renewable Energy Systems Limited (RES), AECOM Ltd has carried out a Phase 1 desktop study and site reconnaissance for a proposed Energy Storage Facility on land at the Port of Tyne. A site location plan is shown in Figure 1. It is understood that the proposals are for RES to become tenants of the site and to establish the storage facility, which is expected to comprise multiple shipping containers (containing battery cells) with external power conversion systems and transformers arranged alongside them, with a separate substation area with harmonic filter and auxiliary transformer located in the southeast of the site. An export cable connecting the facility to the grid is expected to run to the south of the site, out of the substation, across approximately 30m of what is currently scrub land before entering the highway and running to the nearby local substation where it will connect to the grid.

AECOM has reviewed readily available information on the geotechnical and geo-environmental characteristics of the site to make a preliminary qualitative assessment of the potential ground-related risks relating to the proposal.

It should be noted that the site boundary shown on the plans in this report is not the planning application boundary. For example, the area of scrub land next to the southeast corner of the site lies within the planning application boundary but is shown outside the site boundary on the plans enclosed. However, features on and around the site boundary have been considered in this study if they are perceived to be potentially relevant.

## 1.2 Report Objectives

This report has been prepared in general accordance with the procedures described in the Model Procedures for the Management of Land Contamination, CLR 11 (Defra/EA, 2004), BS 5930:2015 Code of Practice for Ground Investigations (BSI), and BS 10175:2011 (as amended) Investigation of Potentially Contaminated Sites – Code of Practice (BSI), to:

- Describe the environmental setting of the site;
- Describe the findings of a site reconnaissance;
- Summarise the history of the site;
- Summarise the underlying geology and hydrogeology;
- Summarise the findings of any historical ground investigation work;
- Provide a Conceptual Site Model (CSM) for the prevailing ground conditions;
- Present a preliminary qualitative assessment of potential land contamination risks;
- Present a preliminary assessment of potential geotechnical issues.

The report concludes with a series of recommendations for undertaking further investigative work. The purpose of such is to substantiate the findings of the preliminary evaluation and thereby reduce uncertainty in the CSM.

## 1.3 Sources of Information

Sources of information include statutory records and historical mapping supplied within a Landmark Envirocheck Report, published geological and hydrogeological mapping, historical borehole records and observations made during the site reconnaissance visit. A complete listing of all information sources is included in the References section.

## 1.4 Limitations of the Report

The opinions expressed in this report and the comments and recommendations given are based on a desk assessment of readily available information and an initial site reconnaissance by an AECOM Engineer. At this stage intrusive investigations have yet to be undertaken to establish actual ground and groundwater conditions and to provide data for an assessment of the geo-environmental status of the site.

The information, views and conclusions drawn are based, in part, on information supplied to AECOM by other parties. AECOM has proceeded in good faith on the assumption that this information is accurate. AECOM accepts no liability for any inaccurate conclusions, assumptions or actions taken resulting from any inaccurate information supplied to AECOM from others.



The site reconnaissance consisted of a general external inspection of the study area, aimed at identifying obvious signs of geotechnical hazards and potential sources of ground contamination. The visit excluded detailed consideration of the ecological or archaeological aspects of the area, and if such are believed to be of potential significance then it is recommended that specialist advice is sought.

Reference to historical Ordnance Survey (OS) maps provides invaluable information regarding land use history. However, it should be noted that historical evidence will be incomplete for the period pre-dating the first edition and between successive maps.

Any risks identified in this report are perceived risks, based on the information reviewed during the desk study and therefore partially based on conjecture from available information. The study is limited by the non-intrusive nature of the work and actual risks can only be assessed following a physical ground investigation.

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## **2 Site Description & Setting**

## 2 Site Description & Setting

### 2.1 Location

The site is located in the Port of Tyne, South Shields. It lies to the south of the River Tyne and can be located by National Grid Reference (NGR) 434930, 564880. A location plan is included as Figure 1. An aerial photograph is included in Figure 2.

### 2.2 Site Setting

The site is situated in an area dominated by various industrial operations and commercial premises within a docklands environmental setting. Perhaps the most dominating land uses appearing in recent aerial photograph is a large area for car storage to the west and northwest, a bulk storage and loading operation to the north, large warehouse-type buildings to the east and former dockland to the northeast. Predominantly residential areas are situated to the south and southeast.

The site boundary encloses an area of approximately 0.55Ha. It can be accessed from Jarrow Road (A185) to the south and an unnamed road to the north of the site.

**Table 2.1: Features Surrounding the Study Area**

Direction	Summary
North	Unnamed road, mineral railway line to/from the bulk storage/loading operation, container storage, and EMR Tyne Dock.
South	Jarrow Road (A185), petrol filling station and other industrial warehouses/buildings.
East	Cemex plant with mineral railway line and a scrap metal yard beyond.
West	Watercourse and sewage pumping station with car storage area beyond.

### 2.3 Site Reconnaissance

An inspection of the site was completed by an AECOM Engineer on 7<sup>th</sup> July 2016. The aim of the visit was to identify the range of activities carried out on the site and obvious potential sources of ground contamination and geotechnical issues.

A summary of the principal observations made during the visit is provided below. A photographic record of the visit is included as Appendix A.

- The site was generally level and currently free of buildings (Photos 1 and 2). It is noted that the aerial photograph in Figure 2 shows a building occupying the eastern portion of the site. The walkover found that this building is no longer present.
- Much of the site is overlain by hardstanding. Tarmacadam covers the majority of the site (Photo 3) with areas of concrete on the north eastern corner of the site (Photo 4). There are some cuttings or scars in the tarmacadam (Photo 5) potentially indicative of new buried services.
- The perimeter of the site is vegetated with grass, bushes and trees. The central part of the site, which appears to be used for informal storage of various materials, has no vegetation cover.
- The northern area of site is generally vacant and at the time of the visit was being used for car parking. Railway sleepers were stacked on the north eastern side of the site (Photo 6).
- The southern area of the site is used for coal storage (Photos 7 and 8).
- Rubble mounds, comprising reinforced concrete blocks, bricks, gravel, electrical cables and other miscellaneous waste, are mounded on the eastern boundary of the site (Photo 9). Further southeast, dark brown ashy material, was

mounded along the site boundary (Photo 10). The materials are of unknown origin and could be potentially contaminated.

- A small mound of sand is stored on the eastern boundary of the site. Again, the origin of this material unknown (Photo 11).
- Several mounds of mixed rubble lay on the south eastern part the site (Photo 12). The materials are of unknown origin and could be potentially contaminated. Suspected asbestos containing gaskets were identified within the rubble (Photo 13).
- To the south of the site boundary (however within the planning boundary) there is large mound. This is heavily vegetated with grass and trees (Photos 14 and 15). The materials are of unknown origin and could be potentially contaminated. Due to the vegetation cover it was not possible to determine the constituent materials.
- Two buildings, which appear to be unoccupied, are located to the south of the site boundary (Photos 16 and 17).
- Small amounts of scrap metal are stored in Intermediate Bulk Containers (IBC) on the west of the site (Photo 19).
- Jarrow Slake Sewage Pumping Station is situated immediately to the west of the site (Photos 20, 21 and 22). It is operated by Northumbrian Water. A watercourse is present along the western site boundary (Photo 23).
- There are slopes on the northern and eastern site boundaries (Photo 24 and 25). The slope on the eastern boundary appeared to show some evidence of slippage (Photo 26). There is an embankment to the west of the site that forms the eastern bank of the watercourse. The site and surrounding area are known to be reclaimed land and hence a substantial thickness of Made Ground may be anticipated.

## 2.4 Information from Statutory Authorities Etc

### 2.4.1 Landmark Envirocheck Report

Table 2.2 summarises information contained in the Landmark Envirocheck report (Appendix B). The report collates data from a variety of sources including the Environment Agency (EA) and the British Geological Survey (BGS). All data suppliers are referenced in the report.

**Table 2.2: Summary of Regulatory Information**

Subject	Number present			Details
	On site	0-250m	250-500m	
<b>Agency and Hydrological</b>				
Discharge Consents	2	11	5	The nearest entries relate directly to the site; two new consents granted to Northumbrian Water Limited for sewage discharge into the Don Estuary.  An additional eleven revoked consents held by Northumbrian Water Limited (10) and Durham County Waste Management (1) were located between 19m and 51m west and north west of the site for the discharge of sewage and trade discharge to the River Don and Tyne Estuary.
Integrated Pollution Controls	-	3	-	Three records noted for Jt Dove Ltd. The nearest is deemed revoked and is associated with timber processes within miscellaneous industries, located 36m southeast of the site. The other two have been superseded and were also associated with Timber processes within miscellaneous industries, both located 48m to the southeast of the site.

Table 2.2 cont.

Subject	Number present			Details
	On site	0-250m	250-500m	
Local Authority Pollution Prevention Controls	-	7	8	The nearest entry relates to blending, packing, loading and use of bulk cement, located 26m east of the site. Other entries with 250m of the site are associated with manufacturing of timber and wood based products, petrol filling stations, coating manufacturer and coating of metals and plastics.
Pollution Incidents to Controlled Waters	-	1	2	The nearest entry relates to a 'Category 3- Minor Incident' located 201m west of the site. The incident in 1992 was due to an Industrial General Spillage. Within 500m of the site two additional known incidents have been recorded. One was noted as a 'Category 2- Significant Incident' 285m north of the site and the other a 'Category 3- Minor Incident' located 437m south of the site. Both are recorded as an incident involving oil.
Substantiated Pollution Incident Register	-	-	-	The nearest entry is dated 2005 and was associated with atmospheric pollutants and effects incurring a 'Category 2-Significant Impact' on the air. The entry is located 785m south west of the site. Another incident dated 2006 and located 979m north east was associated with Metal wastes incurring a 'Category 2- Significant Incident' on the land.
<b>Waste</b>				
BGS Recorded Landfill Sites	-	1	-	There is a BGS recorded landfill at Tyne Dock, which is located approximately 170m northeast of the site.
Historical Landfill Sites		5	1	The nearest entry relates to a historical landfill located 170m northeast of the site. The first input and last input dates are recorded as November 1969 and January 1972 respectively. There are no details of the waste deposited at the landfill. Other historical landfills identified with 500m of the site handled inert, industrial, commercial and household waste.
Licensed Waste Management Facilities (Locations)	1	1	9	The nearest entry relates to a facility located on the site, detailed as a composting site. The licence has now been surrendered. A composting operation was not observed during the site reconnaissance.  Within 500m of the site, one surrendered licence refers to household, commercial and industrial transfer station located 96m west of the site. There are additional records under the category of "Household, Commercial and Industrial Waste Landfills" located 314m north east of the site.
Potentially Infilled Land (Water)	1	4	6	The nearest entry relates to the site and it is indicated to be unknown filled ground. This relates to historic land reclamation on site and in the surrounding area.

Table 2.2 cont.

Subject	Number present			Details
	On site	0-250m	250-500m	
Registered Landfill Sites	-	-	3	The nearest entry relates to landfill located 314m northeast of the site. The licence is known to be surrendered. Authorised wastes were biodegradable/putrescible waste, paper/cardboard waste and plastic/polythene (including sacks). The other recorded sites also accepted the same waste and the licences are known to be surrendered.
Registered Waste Transfer Sites	-	1	1	The nearest entry relates to an operational transfer site located 96m west. Authorised wastes are associated with industrial waste (boiler ash, brick, concrete, stone, plaster, slate, demolition and excavation soils and wastes, floor sweepings, foundry sand, glass, ceramics, plastics, sawdust, steel iron and timber).  Other registered waste transfer sites within 500m includes a transfer site 479m to the west. The licence is known to be surrendered.
<b>Hazardous Substances</b>				
Explosive Sites	-	-	-	There is a record associated with the Port of Tyne Authority at 502m north. However, it is unclear what the record relates to.
<b>Industrial Land Use</b>				
Contemporary Trade Directory Entries	-	22	53	The nearest active entry is noted as the Redwood Services Station 59m to the southwest of the site. The next active entry is a cleaning materials and equipment company located 131m south west of the site.
Fuel Station Entries	-	1	1	The nearest entry relates to Redwood Service Station located 61m southwest of the site. Simonside Service Station is also located 300m southeast of the site.

## 2.5 Sensitive Land Uses

The Sensitive Land Uses Map of the Envirocheck Report (Appendix B) indicates that the study area does not lie within areas of sensitive land use.

## 2.6 Unexploded Ordnance

According to regional unexploded bomb (UXB) mapping published by Zetica (2011), the study lies in an area of moderate to high unexploded bomb risk.

Prior to the undertaking intrusive works the Client should procure a detailed desk study and risk assessment for the potential risks from UXO from a specialist provider.

### **3 Development History**

## 3 Development History

### 3.1 Review of Historical Mapping

The historical Ordnance Survey (OS) maps obtained with the Landmark Envirocheck report date from 1859 to 2016. However, early editions dated 1859 and 1861 have no features recorded meaning the review begins from 1862. Table 3.1 summarises a review of the mapping.

**Table 3.1: Summary of Historical OS Mapping**

Year [scale]	Features On Site	Features In Surrounding Area
1862 [1:10,560]	The site appears to be undeveloped land lying approximately equidistant between Leamlane End to the east and East Jarrow to the west.	A road on an embankment lies within 20m of the southern boundary. Some 120m to the west, a drainage channel passes underneath the embankment to a feature annotated as "Old Course of River Don". This meander lies within 20m of the northwest corner of the site.  Industry in the surrounding area includes Jarrow Chemical Works some 650m to the northeast, Don Alkali Works and Timber Dock some 450m to the west, and a Brick and Tile Works some 700m to the southwest.
1864 [1:10,560]	No significant changes identified.	The "High Water Mark of Ordinary Spring Tides" is indicated along the alignment of the embankment to the south of the site. This suggests the site may have been inundated during a spring tide.  The alignment of the River Don lies around 200m to the north.
1876 [1:2,500]	No significant changes identified.	No significant changes identified.
1897 [1:2,500] 1898 [1:10,560] 1899 [1:10,560]	The south-western quadrant of the site is occupied by a building. Smaller structures have been constructed to the north. To permit construction, it appears that the site has been subject to landfilling, which would correlate with records in the Envirocheck.  In the northern extremity are three rectangular features. In a later map edition these are annotated as tanks.  A branch line lies within the eastern site boundary and a number of railway sidings lay across the site in an approximate north-south orientation. The branch line appears to cross over Jarrow Road via a bridge.  An embankment has been created through the central part of the site, also in a north-south orientation.  A triangulation station is situated in the southeast corner of the site.	The road to the south of the site is named Jarrow Road.  The on-site railway tracks are associated with a much larger network of tracks that have been laid around the newly constructed Tyne Dock lying to the northwest.  There are areas of Timber Ponds recorded on the western side of Tyne Dock and immediately to the west of the site. Warehouses have been constructed some 160m to the south.  An area to the northwest is identified as "Jarrow Slake". Online records indicate this was an area of mudflats which became inundated at high tide. The area to the north of the site is suggested to be the "High Water Mark of Ordinary Tides". The high water mark appears to have moved as a result of landfilling.  The Don Alkali Works appear to have been renamed as St Bede Works.  A colliery is present around 200m east of Tyne Dock.



Table 3.1 cont.

Year [scale]	Features On Site	Features In Surrounding Area
1918 [1:2,500] 1921 [1:10,560]	The building in the southwest corner is identified as a Saw Mill. One of the original structures to the north is no longer shown. A tank is indicated to lie over the southern boundary.	A chimney and two possible buildings have been constructed immediately to the south of the site. Two cranes are indicated on the western boundary.  An area some 80m to the northeast is identified as a Timber Yard and contains a Saw Mill.  By 1918 an area of terrace housing has been constructed around 240m to the west of the site.  A Ship Engine and Boiler Works and number of Saw Mills and Timber Yards are located around Tyne Dock.  By 1921 the St Bede Works are identified as Hedworth Barium Works. To the south of the works is a Tramway Depot.  Harton Colliery is identified over 1km to the southeast of the site.
1938 [1:10,560]	No significant changes identified.	No significant changes identified.
1942 [1:2,500]	The structures in the northwest corner of the site have been extended. The rectangular features are now indicated to be tanks.	Two buildings that once stood immediately to the south of the site are no longer recorded and have been replaced with a new structure. The chimney is still indicated.  A larger building has been constructed outside the south western corner of the site.  Jetties on Tyne Dock are recorded as Disused.  The area of Timber Ponds immediately to the west of the site appears to have been partially reclaimed. A Saw Mill and associated railway tracks have been established.
1951-52 [1:10,000]	The on-site buildings are no longer recorded, indicating possible demolition.	The Timber Pond on the west side of Tyne Dock appears to have been infilled and railway tracks have been laid down.  A Factory has been constructed within approximately 100m of the site to the southwest. However, the nature of the Factory is not recorded.
1956-58 [1:1,250] 1956-59 [1:2,500]	Two railway tracks remain lying across the site. Two small rectangular features are shown in the central portion. These are possible sheds or huts, but are not indicated to be tanks.	The most significant changes in the immediate surroundings is further infilling of the Timber Ponds to the west and construction of several Works buildings and a Bakery building some 110m to the southwest.  The area of railway tracks to the south of the site is recorded as a "Mineral Railway".
1967-1968 [1:10,000]	No significant changes identified.	Adjacent to the residential housing to the west of the site is Bede Trading Estate.  The Mineral Railway appears to lead to an area on the northern extremity of Tyne Dock called "Iron Ore Quay".

Table 3.1 cont.

Year [scale]	Features On Site	Features In Surrounding Area
1969-1971 [1:1,250]	Two buildings have been constructed on the western portion of the site. One is indicated to be a Saw Mill.	New buildings are indicated in the vicinity, including a Joinery Works immediately to the south of the site.
1970 [1:2,500]	The original embankment running through the site appears to have a more formal alignment. This embankment was not evident during the site reconnaissance, which suggests some material may have been cleared from the site since.  The remaining railway tracks are no longer recorded, which suggests they have been lifted.	A Works has been established immediately to the east. This includes hoppers and a building structure. The layout resembles that of the Cemex South Shields Plant that exists today.  A pylon has been erected to the north of the site. An electricity transmission line is indicated to hang across the northernmost part of the site.  An Electricity Substation lies approximately 100m to the west.  A Garage is now present to the south of Jarrow Road.  Between the Works and Bakery buildings and Bede Trading Estate to the west, a large Factory has been constructed.  There has been a substantial reduction in the number of railway tracks on the west side of Tyne Dock.  A tank is recorded some 160m northwest of the site.
1973-1976 [1:1,250]	No significant changes identified.	A Timber Yard is indicated on the west side of Tyne Dock.
1973-1977 [1:10,000]		The southern area of Jarrow Slake has been partially reclaimed.
1982-86 [1:1,250]	No significant changes identified.	The Works building to the southeast (formerly identified as a Factory) appears to have been demolished. A small structure remains. This is indicated to be an Electricity Substation in a later map edition.
1982-86 [1:1,250]	There is no detail for the site in this map edition.	The southern portion of Tyne Dock appears to have been infilled.
1993 [1:1,250]	The on-site embankment appears to have been realigned though the eastern portion of the site to allow the placement of a number of tanks. The railway lines through the eastern part of the site and the scrub land to the south are no longer shown. This may suggest that the bridge across Jarrow Road was removed.	Railway tracks have been laid to the northeast of the site. The lines are identified as "Mineral Railway".  The network of railway lines to the south of the site appears to have been cleared.
1992-95 [1:10,000]	No significant changes identified.	Further reclamation of Tyne Dock and Jarrow Slake has occurred. A Depot with many circular tanks has been established on reclaimed land some 400m to the north of the site.
1994 [1:1,250]	No significant changes identified.	No significant changes identified.
2000 [1:10,000]	A building is indicated to stand within the site although its use is not recorded. In the 2006 map edition the building is no longer recorded.	Several warehouse-sized buildings have been constructed on the reclaimed Tyne Dock. Jarrow Slake is indicated to be "Tyne Car Terminal".

**Table 3.1 cont.**

Year [scale]	Features On Site	Features In Surrounding Area
2006 [1:10,000]	A new buildings structure is recorded in the eastern portion of the site. Its use is not recorded. This structure was not evident during the site reconnaissance visit.	Additional buildings have been constructed around Tyne Dock.
2016 [1:10,000]	The site is indicated to be free of building structures and other features that have been previously recorded.	A Pumping Station is recorded to the west of the site. Former Works buildings further to the west have been cleared.  Further infilling of Tyne Dock has taken place.  A stretch of the River Don to the northwest appears to have been culverted.

### 3.2 Historic Insurance Plans

Extracts from the Insurance Plans of Towns and Cities are supplied with the Envirocheck. Table 3.2 summarises a review of the plans.

**Table 3.2: Summary of Historic Insurance Plans**

Year	Features On Site	Features In Surrounding Area
1912, 1927	The site is indicated to be part of Hall Brothers Sawing and Moulding Mills and Creosote Works.  A Saw Mill, with associated saw sharpening engine, several tanks, coal storage, chimney and hydrant, are recorded in the southern portion of the site.  The central and eastern portions appear to be storage areas for Mining Timber and Sleepers, Rails and Posts.  Two oil tanks are recorded in the northernmost part of the site.	A Timber Shed and storage area for Pit Props recorded to the north.  Creosoting Cylinders are situated to the north of the site and just outside the western boundary.  Storage areas and sheds lie to the south of the site. Railway lines pass through the eastern part of the site and, to the south, through the area of what is now the scrub land. The lines appear to cross over Jarrow Road via an Iron Bridge.  An undefined tank lies around 70m to the east of the site.  Two hydrants are shown within Jarrow Road.
1959	Two remaining railway sidings, an undefined structure and storage areas for timber.	The Timber Pond to the west of the site is noted to be "Being filled in April '55".

### 3.3 Russian Military Mapping

The Russian military mapping supplied with the Envirocheck report (1:25,000 dated 1977) identifies railway sidings lying across the site. This is at odds with the OS map, which indicates that by 1977 the site was partly occupied by a Saw Mill. However, it is noted that the Russian maps were produced between 1950 and 1997, and therefore it is plausible that the site layout depicted is from the early 1950s.

### 3.4 Aerial Photography

An aerial photograph dated 1999 is supplied with the Envirocheck report. This shows the western portion of the site occupied by the building recorded as a Saw Mill. The external parts of the site appear to be overlaid with hardstanding and possibly used for storage. The site reconnaissance visit found that the building is no longer present.

## **4 Geology, Hydrogeology and Hydrology**

## 4 Geology, Hydrogeology and Hydrology

### 4.1 Geology

#### 4.1.1 Published Records

The 1:50,000 scale geological map of the area produced by the British Geological Survey (BGS) available with the Envirocheck report (Appendix B) and the BGS online 'Geological viewer of Britain' indicate the site is underlain by the geological succession summarised in Table 4.1.

**Table 4.1: Geological Succession from Published Mapping**

Period	Epoch	Group	Geological Stratum
Present day		Not applicable	Made Ground
Quaternary	Holocene	Superficial Deposits	Tidal River or Creek deposits (potentially only located in very northern extents)
Carboniferous	Mid Pennsylvanian	Pennine Coal Measures Group	Pennine Middle Coal Measures Formation

#### 4.1.2 Made Ground

The existing topography and history of development of the site suggests that the natural geological sequence is overlain by Made Ground. The Artificial Ground and Landslip mapping provided within the Envirocheck indicates that Made Ground is present across the site and the areas surrounding the Docks. The Made Ground is expected to comprise deposits from the time the site was originally infilled (late 1800s) and more recent deposits. The origin of the material is currently unknown.

#### 4.1.3 Unknown Superficial Deposits

The BGS geological viewer and Superficial Geology map within the Envirocheck indicates there are Superficial deposits on the site. However, the unit has not been mapped (unknown/unclassified entry or Water, Type Unspecified). It is suggested to have formed up to 2 million years ago. With reference to the more recent historical mapping the outline of the deposit appears to coincide with that of the former Jarrow Slake. This would suggest that the deposit is of fluvial or marine origin.

#### 4.1.4 Tidal River or Creek Deposits

There is a possibility that Tidal River or Creek deposits could be discovered along the northern boundary of the site. The Superficial deposit comprises mainly silt and clay; locally it may contain peat, sand and gravel.

#### 4.1.5 Pelaw Clay Member

To the south of the site, south of Jarrow Road, the Pelaw Clay Member is indicated on the map. The Superficial deposit is of glacial origin and comprises mainly clay and formed up to 2 million years ago. According to the BGS Lexicon it contains well dispersed pebbles and cobbles (locally abundant) and small calcareous concretions towards the base of the weathering zone.

While the deposit is not indicated to be on the site, it cannot be discounted that it would not be encountered, particularly in the southern extremity of the site and the area of scrub land.

#### 4.1.6 Pennine Middle Coal Measures Formation

The Pennine Middle Coal Measures Formation is sedimentary bedrock formed approximately 309 to 312 million years ago. According to the BGS Lexicon it is generally encountered as interbedded grey mudstone, siltstone, pale grey sandstone and commonly coal seams. Within the upper half of the unit a bed of mudstone containing marine fossils may be present at the base, and several such marine fossil-bearing mudstones.

#### 4.1.7 Historical Exploratory Hole Records

The BGS maintains an archive of historic exploratory hole logs throughout the UK. AECOM has searched the database and a summary of those which are considered to provide useful information on the ground profile at the site is given in Table 4.2. Copies of the logs are included as Appendix C.

**Table 4.2: Historic Exploratory Holes in BGS Archive <sup>1</sup>**

Boreholes reference NGR Distance from the site Date	Stratum <sup>2</sup>	Description	Depth to Top of Stratum <sup>3</sup> (m bgl)	Level of Top of Stratum (m AOD)	Thickness (m)
NZ36SW220 434989,564792 1983 82m SW	Made Ground	Loose mixture of ash, topsoil shale timber and brick fragments in a brown silty sandy clay matrix	GL	8.406	2.00
	Pelaw Clay Member	Stiff brown silty sandy CLAY with grey silt veins and scattered gravel	2.00	6.406	1.00
		Very stiff dark brown sandy silty CLAY with scattered fine to coarse gravel and occasional boulders	3.00	5.406	7.00
		Firm grey brown laminated silty CLAY with grey silt coating to laminations	10.00	4.906	0.50
		Very stiff dark grey brown sandy CLAY with scattered fine to coarse gravel	10.50	-2.094	3.00
Pennine Middle Coal Measures	Reddish brown highly to moderately weathered silty MUDSTONE weak	13.50	-4.396	>0.70	
NZ36NE1117 435040,565224 1990 340m N	Made Ground	Ash Fill	GL	-	0.80
	Unknown Superficial	Grey silty sandy clay becoming moist and very silty with depth	0.80	-	>2.70
NZ36NW13778/1 434870, 565070 1978 130m N	Made Ground	Ash and brick	GL	4.39	4.40
	Tidal River or Creek Deposits	Very soft/brown clayey sandy SILT with shell fragments and occasional bands of soft very silty clay	4.40	-0.01	>9.60
NZ36NW13778/2 434720,565100 1978 250m NE	Made Ground	Ash, brick, concrete	GL	4.65	7.00
	Tidal River or Creek Deposits	Soft grey/brown silty organic CLAY	7.00	-2.35	3.00
		Very soft grey/brown clayey sandy SILT with shell fragments and bands of soft silty CLAY	10.00	-5.35	>14.00

Notes:

1. Contains British Geological Survey materials © NERC 2016.
2. The geological classification is based on information available on the logs and is therefore indicative only.
3. GL is Ground Level.

## 4.2 Geological Structure

The Envirocheck maps indicate that there are a number of fault lines within the surrounding area of the site trending northwest-southeast. The nearest fault line, with a downthrow to the southwest, is located approximately 50m southwest of the site. The 1:50,000 scale geological map of the area (Sunderland, Sheet 21) does not record sufficient detail in the area to determine the direction and angle of dip of the stratum.

There do not appear to be any recorded coal-crops in the vicinity of the site.

### 4.3 Hydrogeology

#### 4.3.1 Aquifer Classification

The EA's Groundwater Protection Policy adopts aquifer designations that are consistent with the Water Framework Directive. According to this system:

- The unclassified Superficial Deposits have an unknown aquifer classification. These are potentially the intertidal deposits that were covered by infilling activity in the late 1800s;
- The Superficial Deposits (Tidal River or Creek Deposits) are classified as a Secondary undifferentiated aquifer. The "undifferentiated" classification is assigned in cases where it has not been possible to attribute either category A or B to a rock type. In most cases this been that the layer in question was previously designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type.
- The Superficial Deposits (Pelaw Clay Formation) to the south of the site are classified as unproductive strata. These are deposits with low permeability that have negligible significance for water supply or river base flow.
- The Pennine Middle Coal Measures are classified as a Secondary A aquifer. These are permeable layers capable of supporting water supplies at a local rather than a strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers.

#### 4.3.2 Vulnerability of Groundwater Resources

The EA's Groundwater Vulnerability Map of the area (Sheet 5, "Tyne and Tees") shows that the soils overlying the site have a High Leaching Potential (U). These are soils that readily transmit liquid discharges because they are either shallow, or susceptible to rapid by-pass flow directly to rock, gravel or groundwater. Soil information for restored mineral workings and urban areas is less reliable and based on fewer observations than in rural areas and therefore a worst case vulnerability classification (H) is assumed until proved otherwise.

In terms of identifying the risk of contamination from potential polluting activities in a given area to groundwater sources (wells, boreholes and springs) used for supplying public drinking water, the EA identifies Source Protection Zones. These show the extent of a groundwater source catchment and are divided into three zones: inner, outer and total protection zones. Mapping produced by the EA and supplied with the Envirocheck report indicates that the site does not lie within a Source Protection Zone.

#### 4.3.3 Site Characteristics

The anticipated depth to the water table in the Pennine Middle Coal Measures Secondary A aquifer, i.e. the thickness of the unsaturated zone, is anticipated to be in the order of at least 10m below ground level (bgl). However, groundwater may be found at shallower depths and may be tidally influenced. For example, it is noted that in the BGS log NZ36SW220 (see Table 4.2 for details) a groundwater strike was made at the top of the Pennine Middle Coal Measures at 13.5m depth. However, the water level 24 hours later after the borehole casing had been removed was recorded at 4.3m depth. Similarly, in two of the other logs standing groundwater level is recorded at 4.0m and 4.3m depth.

It is likely that groundwater flow is towards to the River Don and Tyne Estuary indicated to the north and northwest of the site.

It is possible that localised perched water may also be present at much shallower depths in the Superficial deposits and the overlying Made Ground or Fill.

#### 4.3.4 Licensed Groundwater Abstractions

According to the Envirocheck report, there are no licensed groundwater abstractions within 1km of the site.

## 4.4 Hydrology

### 4.4.1 Surface Water Courses and Drainage

There are no ponds, streams or drainage ditches within the study area. However, a watercourse that lies to the west of the site is likely to have previously been part of a tributary of the River Don. This is indicated on the DEFRA online interactive mapping source (MAGIC). The River Don is labelled approximately 700m northwest of the site.

The Tyne Estuary is also located approximately 850m north of the site and is ultimately linked to the Tyne Docklands.

Historic maps indicate the site is reclaimed land. The earliest mapping available dated 1862 shows the site situated in the southern portion of Jarrow Slake, which is understood to have been an area of mudflats. To the northwest of the site is recorded the "Old Course of River Don". By 1897 the site had been reclaimed and the western boundary of the site lied adjacent to the "High Water Mark of Ordinary Tides".

### 4.4.2 Surface Water Abstractions

According to the Envirocheck report, there are two surface water abstractions within 1km of the site. These are listed in Table 4.3.

National Grid Reference	Distance and Direction	Operator	Use
434488, 565673	846m NW	Port of Tyne	Other Industrial/Commercial/Public Services: Dust Suppression
434488, 565673	846m NW	Port of Tyne	Other Industrial/Commercial/Public Services: Dust Suppression

### 4.4.3 Flooding

The BGS groundwater flood map for the area is included within the Envirocheck report. This shows that the majority of the site is considered to be within an area with the "Potential for Groundwater Flooding to Occur at Surface". Within the northern extents of the site the land is classified as having a "Limited Potential for Groundwater Flooding to Occur".

The indicative flood map for the area is included with the Envirocheck report. This shows that the west and northern extents of the site are considered to be at risk of "Flooding from River or Sea without Defences (Zone 3)". However, the Environment Agency has advised the project that the site lies within a Flood Zone 1. A site specific Flood Risk Assessment has been carried out and this should be consulted for detailed analysis of the site.

Historically it is expected that the site would have been inundated by the tide prior to land reclamation.

### 4.4.4 Planning Policy for Flood Risk

The National Planning Policy Framework (NPPF) for England requires local planning authorities to take account of flood risk and the implications of climate change. It requires that inappropriate development in areas at risk of flooding should be avoided by directing development away from areas at highest risk, but where development is necessary, making it safe without increasing flood risk elsewhere.

Technical guidance on flood risk accompanies the NPPF and sets out how this policy should be implemented. It stipulates that development proposals in flood risk Zone 2 (medium probability), Zone 3a (high probability) and Zone 3b (the functional floodplain) should be accompanied by a flood risk assessment.

## 4.5 Radon

According to the Envirocheck report, the site does not lie within a Radon affected area.

## 4.6 Quarrying and Mining

### 4.6.1 Planning Policy for Mineral Use

The NPPF for England requires minerals planning authorities to promote sustainable use of mineral resources in their Local Plans. This includes defining mineral safeguard zones to ensure that specific mineral resources of local or



national importance are not sterilised by non-mineral development (but not assuming that the identified minerals will be worked). If it is necessary non-mineral development to take place then the local planning authority should set out policies to encourage the prior extraction of minerals, where practicable and environmentally feasible.

When determining planning applications local planning authorities must ensure that, amongst other matters, that there are no unacceptable impacts on the natural and historic environment, human health or aviation safety (taking into account cumulative effects for multiple sites); unavoidable noise, dust and particle emissions, and vibrations are controlled, mitigated or removed at source; and to not normally permit other developments in mineral safeguard zones.

#### 4.6.2 Quarrying

An attempt has been made to identify quarrying operations, past and present that have taken place in the vicinity of the site. The source of information referenced in this element of the desk study includes:

- Envirocheck datasheets supplied by Landmark;
- Records held by Local Authority / Environment Agency;
- Old Ordnance Survey maps and plans;
- Geological maps.

With reference to the above, no evidence has been found of quarrying.

#### 4.6.3 Mining

An attempt has been made to identify mining operations, past and present that have taken place in the vicinity of the site. The source of information referenced in this element of the desk study includes:

- Envirocheck datasheets supplied by Landmark;
- Records held by The Coal Authority;
- Records held by Local Authority / Environment Agency;
- Old Ordnance Survey maps and plans;
- Geological maps.

With reference to the above, the Envirocheck records indicates that the site lies within an area which may be affected by coal mining activity.

The CON29M Non-Residential Mining Report from The Coal Authority (Appendix D) indicates that the site is in an area that could be affected by underground mining in two seams of coal at 420m to 460m depth. These were last worked in 1927. The report indicates that there are no known coal mining entries within or within 20m of the boundary of the site.

The site is not in an area likely to be affected from any planned future underground coal mining. However, reserves of coal exist in the local area which could be worked at some time in the future.

No notices have been given, under section 46 of the Coal Mining Subsidence Act 1991, stating that the land is at risk of subsidence. The Envirocheck report indicates that land surrounding the site approximately 30m east, 67m north, 77m northwest and 99m northeast has a very low hazard potential for collapsible ground stability.

#### 4.7 Landfilling

The Envirocheck report indicates the nearest landfill is associated with infilled land (water) within the site boundary. This is likely to be associated with historical infilling of the wider intertidal area in which the site was formerly located, as suggested by the historical mapping. There may also be some infilling associated with the embankments along the course that the River Don used to flow. It was also noted that the site used to operate as a composting waste management facility between 2003 and 2012.

The records indicate that there are six historic landfill sites within a 1km radius of the site. Information is available for five of the sites, indicating that the specified waste of these sites contained deposited inert, industrial, commercial, and household waste. Available information shows that the last input dates of these sites took place between 1972 and 1994.

Geological mapping records Made Ground deposits across the site area. It is foreseeable that the Made Ground principally arises from infilling and construction of the mineral line, docklands and other previous development in and around the site.

#### 4.8 Previous Ground Investigations

The Port of Tyne Authority has provided AECOM with a report (Wardell Armstrong, 2014) which concerns a past ground investigation. It is provided for information purposes only and no reliance can be placed on information contained in the report. The extent of the investigation covered three areas of which the site comprised part of "Area 3". The intrusive works within the site boundary are indicated to have comprised two mechanically excavated trial pits (TP-E02 and TP-E03) and one cable percussive borehole (BH-08). The trial pits were excavated to depths of 2.7m and 3.0m respectively, while the borehole was sunk to 6.0m depth.

Based on the interpretations in the report, the ground conditions encountered by these three intrusive holes found Made Ground up to 2.6m thick underlain by sandy gravelly Clay to the maximum depth of investigation (6.0m). The Made Ground comprised a concrete or macadam surface underlain by material of a sandy or gravelly matrix containing materials including brick, plastic, coal, clinker and slag. A layer of concrete (0.1m thick) overlying a layer of hardcore (0.1m thick) was found at 0.95m depth in one trial pit.

The exploratory records do not specifically record visual (with exception of Made Ground) or olfactory evidence of Made Ground. Notwithstanding this, the accompanying factual report (Allied Exploration & Geotechnics Limited, 2014) documents potential contamination encountered in an exploratory hole to the northwest of the site. This was in the form of a strong hydrocarbon odour encountered at 1.5m depth within the Made Ground.

Within the trial pits moderate inflows of water seepage were noted at depths of 1.9m and 1.1m respectively. While no water ingress was identified in the borehole, a groundwater strike may have been disguised by the water added to assist with drilling.

Certain boreholes were installed with groundwater monitoring standpipes. However, the report does not appear to contain any monitoring records.

#### 4.9 Preliminary Ground Model

Based on the review of available geological and hydrogeological information, a preliminary ground model for the study area is presented in Table 4.4.

**Table 4.4: Preliminary Ground Model**

Stratum	Typical Description	Anticipated Thickness	Aquifer Classification
Made Ground / Fill	Ash, topsoil, shale, timber and brick fragments. There is the potential to encounter obstructions as a result of infilling and previous structures on the site.	Potentially highly variable, 2m-7m	Not classified
Unknown Superficial Deposit	Potentially: Grey silty sandy clay becoming moist and very silty with depth	Unknown	Not classified
Tidal River or Creek Deposits	Very soft grey/brown clayey sandy SILT with shell fragments and bands of clay	Variable, 10m-20m	Secondary Undifferentiated
Pennine Middle Coal Measures	Reddish MUDSTONE with possible horizons of sandstone and siltstone. Coal seams at depth.	Unknown	Secondary A

## **5 Review of Geo-environmental Risk**

## 5 Review of Geo-environmental Risk

### 5.1 Introduction

This section is aimed at identifying possible risks, if any, arising from substances used or deposited on-site, or from other sources of land contamination. Both past and current potentially contaminative land uses have been considered.

The legislative framework for land contamination risk assessment and the principle of contaminant linkages to derive a Conceptual Site Model (CSM) are described in Appendix E.

### 5.2 Potential Sources of Contamination

#### 5.2.1 Historical Usage

Prior to the construction of the docklands around the Tyne Estuary it appears that the site comprised uninhabited mudflats which were subsequently infilled. The material used to reclaim the land is currently of unknown origin but existing records suggest it may be highly variable with inclusions such as brick, coal, clinker, slag and plastic.

Historical OS maps reveal that by 1897 the site was occupied by a main building with small structures to the north. These included a number of tanks and railway sidings as well as an embankment. The DoE Industry Profile for Dockyards and Docklands indicates that activities within dock areas are generally associated with construction materials, cargo handling, storage facilities and ancillary operations and local industries.

The building on the site is identified by 1912 as a saw mill. This was part of the Hall Brothers Sawing and Moulding Mills and Creosote Works. Historic Building Plans indicate that at this time to the east of the saw mill building were a series of tanks and on the southern site boundary was a chimney. Immediately to the south were wood sheds potentially associated with the mining industry. Potentially significant features to the north of the saw mill were oil tanks straddling the northern site boundary, a tank, engine and chimney within the western site boundary and just outside the north western corner of the site were features identified as creosoting cylinders.

By 1956 it would appear that all the buildings had been demolished. However, two railway tracks remained with two small structures likely to be sheds or huts. The mapping from 1969-1971 indicates that two buildings were constructed on the site and one was indicated to be a Saw Mill. The embankment was realigned and railway tracks removed by this time. A number of tanks were recorded on the site during 1993 associated with the Saw Mill.

Another building with an unknown use is recorded on the site by 2000 and maps suggest it was demolished by 2006. At this time an additional building was recorded to the east of the site. Its use was also not recorded.

The present day mapping indicates that the site is free above ground structures. However, this does not mean that foundations and services associated with the former infrastructure have been removed. This includes the former Iron Bridge that appears to have crossed Jarrow Road.

In light of the historical use of the site, possible releases of contamination may have historically taken place. These are likely to be principally associated with the former saw mills and related features including the railway sidings, tanks and creosoting cylinders. Potential contaminants associated with the historic usage of the site include:

- Petroleum hydrocarbons
- Polycyclic aromatic hydrocarbons (PAH);
- Polychlorinated biphenyls (PCBs);
- Heavy metals;
- Asbestos;
- Ash and fill;
- Pesticides/preservatives;
- Sulphates;
- Inorganic and organic chemicals.

The natural geology is overlain by Made Ground. Within Made Ground, consideration must include the possibility that land may have become contaminated by filling and/or other construction activities, or by illegal dumping. Landfill/soil gases (e.g. methane, carbon dioxide, hydrogen sulphide) and/or other mobile contaminants may also potentially be present. Soil gases could be associated with both the Made Ground and organic material in the Superficial deposits.

In addition, the wider area is noted to have suffered extensive bombing during WWII and regional mapping suggests the area has a moderate to high unexploded bomb risk.

#### 5.2.2 Recent and Current Usage

Anecdotal evidence from the Port of Tyne indicates that the site has been used for peat storage and at the time of the site reconnaissance there was evidence of material storage including rubble and coal. There was also evidence that the area is used for parking vehicles. Potential contaminants may be associated with the materials stored and vehicles may have given rise to ground contamination. However, the presence of hardcover across much of the site could mitigate impacts to the subsurface.

It would be prudent to treat any rubble or possible demolition materials as potentially containing asbestos. In the present condition of the site this is unlikely to pose a significant ground contamination risk but rather a potential health risk by inhalation if it is disturbed without necessary precautions.

Asbestos content, if present, also has potential implications in terms of waste disposal classification. It is plausible that asbestos-containing materials could have been used in the construction fabric of buildings. Therefore it cannot be discounted that asbestos would not be present in Made Ground.

#### 5.2.3 Off Site Sources of Contamination

Potential contamination may have arisen from the various surrounding industries, saw mills, timber ponds and yards, dock land, railway and the adjacent sewage pumping station. General engineering works, storage facilities, construction materials and additional ancillary operations may also contribute to historical contamination in the wider area. Perhaps the most potentially significant source of off-site contamination is the origin of the material used historically to infill the site.

#### 5.2.4 Summary

The potential sources of contamination can be summarised as follows:

- Contamination associated with the historical use of the site e.g. saw mill (including tanks and creosoting cylinders), and associated dock and railway land (see Section 5.2.1);
- Contamination associated with current on-site sources e.g. possible waste stockpiles, suspected asbestos containing materials and car parking;
- Contamination associated with the historical off-site sources e.g. infill material, dock land, saw mill, various industries and commercial properties;
- Contamination associated with current off-site sources e.g. petrol filling stations and electrical substation;
- Ground gases and vapours, with potentially significant concentrations of carbon dioxide and methane and associated depleted concentrations of oxygen, volatile organic compounds (VOC);
- Possible presence of UXO.

### 5.3 Pathway for Migration

For the purpose of this assessment, the principal pathways for contaminant migration are considered to be as follows:

- Dermal contact / Ingestion / Inhalation with / of soils, dusts or liquids;
- Migration of aqueous and non-aqueous phase contamination via Made Ground and permeable natural strata;
- Migration of aqueous and non-aqueous phase contamination via the underlying groundwater;
- Migration of gases and vapours via Made Ground and soils;
- Inhalation of hazardous gases and vapours in confined spaces;
- Plant uptake of bio-available contamination in soils.

#### 5.4 Potential Receptors

For the purpose of this assessment, the principal receptors are considered to be as follows:

- Humans – existing site users;
- Humans – demolition, construction and maintenance workers;
- Humans – adjacent site users;
- Humans – maintenance workers at the Energy Storage Facility;
- Groundwater;
- Surface Water;
- Landscaping and open space;
- Building structures and services.

#### 5.5 Assessment of Plausible Contaminant Linkages

A CSM illustrating plausible contaminant linkages has been formulated for this site. It is presented in tabular format in Appendix F.

#### 5.6 Summary of the Qualitative Risk Assessment

The contaminant linkages have been individually assessed (Appendix F) and a summary of the potential geo-environmental risks associated with the site and in the context of the proposed development is provided in Table 5.1.

**Table 5.1: Summary of Geo-environmental Risks**

	Risk Rating	Justification / Comments
<b>Contamination Potential</b>		
Potential for Significant On Site Contamination	Moderate to High	Potentially significant ground contamination suspected on site. Petroleum hydrocarbon odours detected in an exploratory hole relatively close to the site. Potential for free phase contamination associated with leaks from tanks, for example.  Unknown possible waste materials such as rubble stockpiled on site and immediately adjacent to the site. Potential for asbestos containing material to be present.
Potential for Contaminants to Migrate On to Site	Moderate	Potential off site sources and potential contaminant linkage.
Potential for Contaminants to Migrate Off Site	Moderate	Likely sources of contamination identified and potential contaminant linkage.
<b>Environmental Risks</b>		
Risk of Harm to Human Health – Existing Conditions	Moderate	Likely sources of contamination identified but contaminant linkage restricted. Stockpiles of possible waste material represent most significant risk.
Risk to Demolition, Construction and Maintenance Workers	Moderate	Potentially significant contamination risks on site. Special health & safety precautions will be required. Possible asbestos content in the material stockpiles.
Risk of Pollution of Controlled Water	Moderate	Likely sources of contamination identified and potential contaminant linkage. A possible risk of soil leachate impacting groundwater quality if areas of hardcover are lifted and not replaced as part of the final development.
Hazards to Flora and Fauna	Low	No significant areas of soft landscaping.

Table 5.1 cont.

	Risk Rating	Justification / Comments
Hazards to Building Structures and Services - Excluding Ground Gas	Moderate	Potential sources of contaminants (including pH, sulphates and organics)
<b>Liabilities</b>		
Likelihood of designation as Contaminated Land under Part IIA EPA 1990	Low	Some potential for contamination identified, but likely to be addressed under the planning regime.
Liability issues for owner	Moderate	Potential liability issues identified in relation to ground gas and off site migration of contamination.  Storage of possible waste materials has been identified.
<b>Development Implications</b>		
Possible Requirement for Remediation of Soil	Moderate	Some remedial works may be required. Provisionally assume some removal of contamination from hot-spots. Significant widespread remediation may not be required based on the current conceptual site model.  Possibility of underground storage tanks cannot be discounted. Removal of tanks and ground remediation could be required if tanks were found.
Possible Requirement for Remediation of Groundwater	Low / Moderate	No groundwater remediation is anticipated at this stage, although it cannot be discounted. Some limited remedial action on soils should not be discounted.
Possible Requirement for Gas Protection Measures	Moderate	Gas protection measures may be required for buildings with permanent foundations. Temporary structures with ventilated voids underneath may not require gas protection.
Special Requirements for Water Supply Pipes	Moderate	Likely requirement for specialist pipe materials to be specified, possibly in combination with the use of dedicated service corridors.
Potential Limitations on Foundation Design	Moderate	Foundations / ground improvement to be designed to mitigate risk of creating contaminant migration pathways.
Risk of Encountering Materials classified as Hazardous Waste	Moderate to High	Potential sources of contamination have been identified. Ground investigation required to clarify potential risks.  Note asbestos may be present within the possible waste materials. Asbestos content has potential implications on waste classification.

## Note:

1. Part 2A of the Environmental Protection Act 1990. Refer to Appendix E for further information.

The geo-environmental risk assessment should be reviewed in the event that the proposed end use is significantly altered from that described in Section 1. It has been assumed that appropriate health and safety practices will be adopted during site clearance, preparation, earthworks and construction, and appropriate environmental protection / mitigation measures will be employed. It is also assumed that the proposed development will not introduce contaminative substances into the ground.

## **6 Review of Geotechnical Risk Assessment and Foundation Options**



## 6 Review of Geotechnical Risk Assessment and Foundation Options

### 6.1 Details of the Proposed Development

It is understood that the development will comprise an energy storage facility. This is expected to comprise multiple shipping containers (containing battery cells) with external power conversion systems and transformers arranged alongside them, with a separate substation area with harmonic filter and auxiliary transformer located in the southeast of the site. An export cable connecting the facility to the grid is expected to run to the south of the site to the nearby local substation.

The development of the site is anticipated to require the following stages:

- Site clearance and any necessary earthworks;
- Installation of services;
- Construction of the new facility and external areas.

### 6.2 Geotechnical Hazards

The anticipated ground conditions beneath the site are discussed in Section 4. A summary of commonly occurring ground-related hazards, excluding ground contamination, is given in Table 6.1. The hazards identified as being potentially present on site could have potential implications on ground engineering and foundation design.

**Table 6.1: Summary of Potential Geotechnical Hazards**

Geotechnical Hazard category (excluding contamination issues)	Engineering Implications
Filled and Made Ground	Made Ground/Fill is anticipated beneath the site and may be variable in nature and thickness and hence may render the site susceptible to long term and / or differential settlement problems. This may affect foundation design, choice of foundations and impact on construction methods including services.
Underground mining	The site is within an area of historic coal mining activity at depth. The Coal Authority report identifies two seams of coal, which may have been worked, at depths of 420m to 460m depth, last worked in 1927. It advises that any movement in the ground due to coal mining activity should have stopped, although this should be reviewed during the design process.  According to the report, there are no known coal mine entries within, or within 20m of, the site boundary. However, the presence of unrecorded shafts cannot be discounted.
Lateral changes in ground conditions	A lateral variation in ground conditions may consist of a variable thickness of Made Ground and natural strata, giving rise to variable conditions for excavation and foundations.
Shrinkable clay soils	May affect foundation design, choice of foundations and impact on construction methods.
Highly compressible / low bearing capacity soils (including peat / soft clay)	May affect foundation design, choice of foundations and impact on construction methods.
High groundwater table / and/or flooding (including waterlogged ground)	May affect foundation design, choice of foundations and impact on construction methods. Dewatering may be required.  A Flood Risk Assessment will be required and will need to take due consideration of the potential for groundwater flooding. Design of future structures may need to consider hydrostatic uplift pressures.
Existing sub-structures (e.g. foundations, basements, and adjacent sub-structures)	Up to date underground service plans should be reviewed prior to breaking any ground at the site. Existing buried structures will affect foundation construction.

**Table 6.1 cont.**

Geotechnical Hazard category (excluding contamination issues)	Engineering Implications
Unexploded ordnance (UXO)	Available information identifies that the site is moderate to high risk with respect to the potential for existing UXO. Mitigation measures will be required for ground investigation works and construction works such as excavations and piling.
Adverse ground chemistry (including expansive slags and weathering of sulphides to sulphates)	May affect choice of below ground construction materials.

### 6.3 Foundations and Ground Engineering

#### 6.3.1 Foundations

AECOM has not been supplied with structural loading details to date. For traditional buildings the significant thickness of Made Ground may necessitate the need for deep foundations such as piles or alternatively ground improvement. However, the modular nature of the proposed development may enable a shallow raft foundation to be possible subject to further investigation and engineering assessment. Settlements with a shallow raft foundation would need to be considered in detail.

#### 6.3.2 Excavations

Shallow excavations for foundations and drainage are anticipated to be locally unstable. Close or continuous support will be required for any manned entry to excavations.

Shallow groundwater may be encountered and may require groundwater control during excavation. Detailed information regarding the groundwater regime will be available following the ground investigation and subsequent monitoring.

Materials are unlikely to be suitable for re-use on site from a geotechnical perspective.

#### 6.3.3 Soakaways

The ground conditions are unlikely to be suitable for the use of pit soakaways. Therefore, surface water run-off (should it subsequently be deemed to require management) should be directed to main drainage subject to appropriate consent to discharge.

## **7 Recommendations for Further Work**

## 7 Recommendations for Further Work

A Phase 2 intrusive ground investigation will be required in order to substantiate the preliminary findings of this report and to provide suitable information for geotechnical design and planning.

The geo-environmental investigation should be designed with due consideration of the requirements of BS 10175:2011 (as amended).

The geotechnical elements of the investigation should be designed with consideration of BS EN 1997-1:2004, BS EN 1997-2:2007 (Eurocode 7: Geotechnical Design – Parts 1 and 2) and BS 5930:2015.

In summary, the key objectives to be addressed by the investigation include:

- Confirmation of the ground and groundwater conditions and validation of the CSM;
- Chemical status of Made Ground and natural soils for the purpose of risk assessment to human health, groundwater and for preliminary waste classification;
- Chemical status of groundwater in order to determine risks to controlled waters;
- Ground gas monitoring to determine the potential risks to the proposed development and surrounding properties;
- Identification of geotechnical design parameters for earthworks and preliminary foundation design.

It is recommended that the ground investigation be designed in accordance with the UK Specification for Ground Investigation (version 2). In brief, the outline scope of works is anticipated to include:

- Boreholes sunk by cable percussive drilling techniques;
- Trial pits by mechanical excavation;
- Installation of ground gas/groundwater monitoring wells;
- Programme of gas/groundwater monitoring; and
- Geotechnical and geo-environmental laboratory testing.

The undertaking of a ground investigation will require careful planning with the Client to ensure the activities can be carried out safely. Current buried services information will be required prior to breaking ground.

By undertaking an intrusive ground investigation, an assessment of the ground and groundwater profiles (including any perched groundwater) may be carried out. Particular consideration will need to be given to the thickness and composition of the Made Ground and the unknown/unmapped Superficial Deposit. The investigation will allow a quantitative assessment as to whether the potential risks identified are present and whether they pose a potential risk. Post groundwater monitoring and gas monitoring in a limited number of boreholes is important in order to gain an understanding of any significant contamination within the groundwater and the gas regime at the site.

Investigations impacting coal seams within the Coal Measures will require a licence from the Coal Authority.

It is important that the potential risk to any site workers is assessed before intrusive works are carried out in particular the risks associated with asbestos.

Prior to the site investigation it is also important that a detailed desk study and risk assessment for the potential risks from UXO is procured by the Client from a specialist provider. This exercise should determine what mitigation measures are required during ground investigation works and construction.

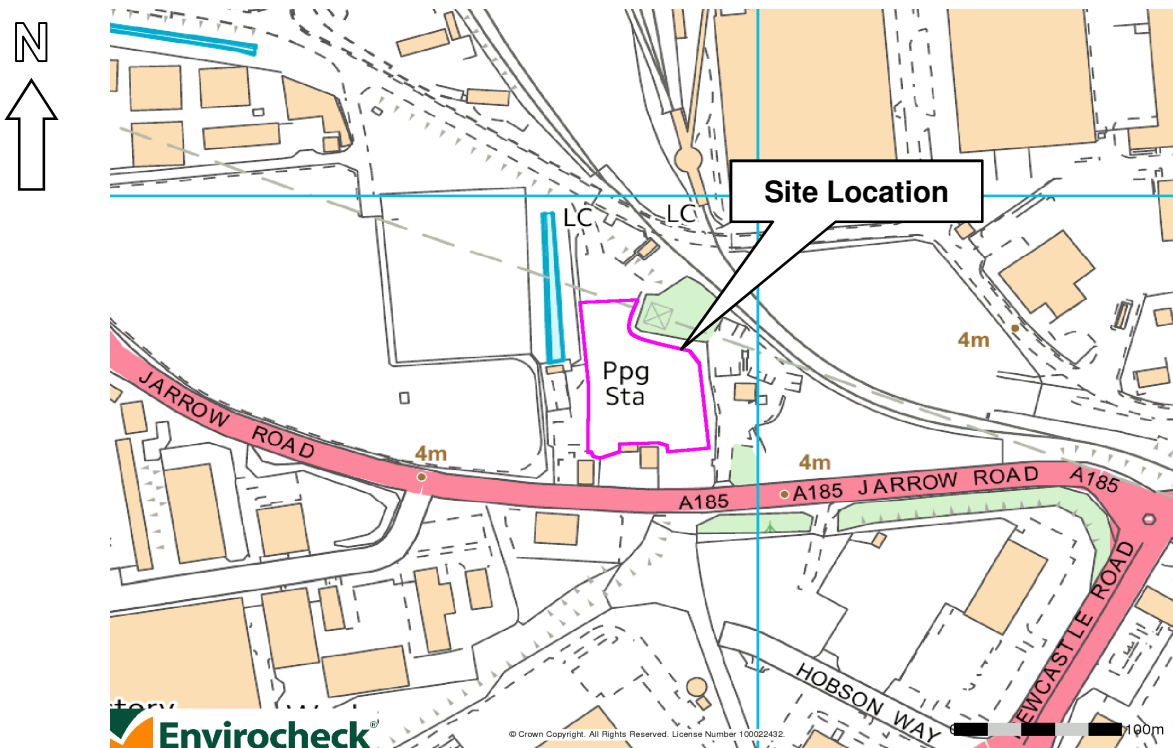
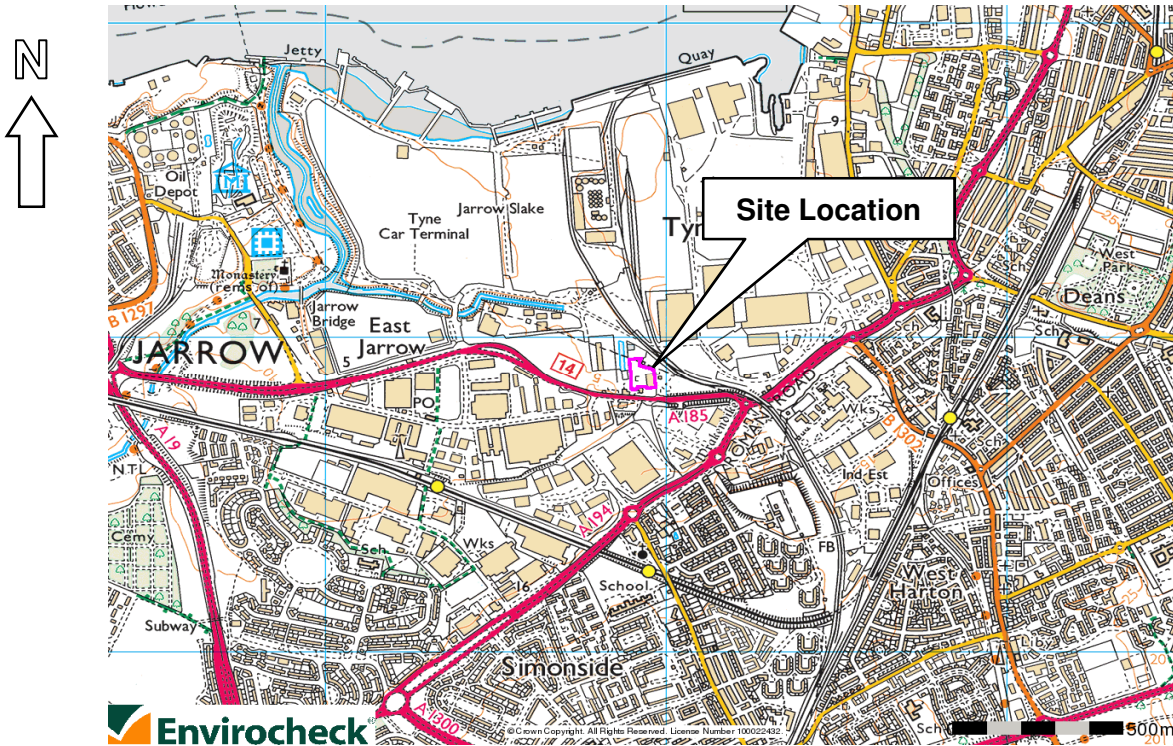
## **8 References**

## 8 References

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## Figures

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Scale: NTS	Site Centre:	434930, 564880	
Made By: TA	Jul-16	Site Location Plans	
Chk: TA			
App: IW			
		RES Ltd	
		Project Reference	Figure No.
		60494267	1



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Scale: NTS	Site Centre:	434930, 564880	
Made By: TA	Jul-16	Aerial Photograph	
Chk: TA			
App: IW		RES Ltd	
		Project Reference	Figure No.
		60494267	2

## **Appendices**

## **Appendix A: Photographs from Site Reconnaissance**



(1) Looking south onto the site.



(2) Looking south from the centre of the site.



(3) Looking north. The majority of the site is covered by tarmacadam.



(4) Looking northeast. Concrete hardstanding in the north eastern corner of the site.



(5) Looking southeast. There are cracks/cuttings in the tarmacadam.



(6) Railway sleepers stored on the east of the site.



(7) Coal storage in the southern area of the site.



(8) Looking east. Coal storage in the southern area of the site.



(9) Rubble (unknown origin) on the eastern side of the site.



(10) Ashy material (unknown origin) mounded on the east of the site.



(11) Eastern site boundary. Pile of sand.



(12) Mounds of mixed rubble in the southeast of the site.



(13) Suspected asbestos gasket.



(14) Site boundary. Looking southwest. Grassy mound to the south (left).



(15) Looking south across the rubble towards the grassy mound.



(16) Looking east, the southern site boundary lines to the north of the redundant building (right).



(17) Looking south. The south western corner of the site boundary. Fuel station on Jarrow Road in the background.



(18) Site access gate, south of the site.



(19) Western boundary of the site, looking east. Scrap metal stored in IBCs.



(20) Sewage pumping station to the west of the site.



(21) Sewage pumping station to the west of the site.



(22) Sewage pumping station to the west of the site.



(23) Looking southwest, watercourse to the west of site.



(24) Slope on the northern site boundary



(25) Eastern boundary of the site, potentially unstable bank side.



(26) Eastern boundary of the site, potentially unstable bank side.



(27) Road and railway line off-site to the north.



(28) Access road to the site.



**Appendix B: Landmark  
Envirocheck Report**

## Envirocheck<sup>®</sup> Report:

### Datasheet

#### Order Details:

**Order Number:**

84652687\_1\_1

**Customer Reference:**

60494267

**National Grid Reference:**

434930, 564880

**Slice:**

A

**Site Area (Ha):**

0.55

**Search Buffer (m):**

1000

#### Site Details:

Jarrow Road  
South Shields  
NE34 9PS

#### Client Details:

Ms I ford  
AECOM Ltd  
63-77 Victoria Road  
St Albans  
Hertfordshire  
AL1 3ER

#### Prepared For:

RES  
Beaufort Court  
Egg Farm Lane  
Kings Langley  
HERTS  
WD4 8LR

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	26
Hazardous Substances	45
Geological	46
Industrial Land Use	56
Sensitive Land Use	-
Data Currency	89
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/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.

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

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## Report Version v50.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Agency &amp; Hydrological</b>					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2	2	11	5	42
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls	pg 17		3		3
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 18		7	8	9
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 21		Yes		
Pollution Incidents to Controlled Waters	pg 22		1	2	7
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 23				2
Water Abstractions	pg 24				2 (*1)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 24	Yes	n/a	n/a	n/a
Drift Deposits	pg 24	1	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 24	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 24	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 24	Yes		n/a	n/a
Flooding from Rivers or Sea without Defences	pg 25	Yes		n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
Detailed River Network Lines					n/a
Detailed River Network Offline Drainage					n/a

<b>Data Type</b>	<b>Page Number</b>	<b>On Site</b>	<b>0 to 250m</b>	<b>251 to 500m</b>	<b>501 to 1000m (*up to 2000m)</b>
<b>Waste</b>					
BGS Recorded Landfill Sites	pg 26		1		
Historical Landfill Sites	pg 26		5	1	1
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 27			1	
Licensed Waste Management Facilities (Locations)	pg 27	1	1	9	18
Local Authority Landfill Coverage	pg 34	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 34				4
Potentially Infilled Land (Water)	pg 34	1	4	6	25
Registered Landfill Sites	pg 37			3	4
Registered Waste Transfer Sites	pg 40		1	1	4
Registered Waste Treatment or Disposal Sites	pg 42				6
<b>Hazardous Substances</b>					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites	pg 45				1
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Geological</b>					
BGS 1:625,000 Solid Geology	pg 46	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 46	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 52				3
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
Brine Compensation Area			n/a	n/a	n/a
Coal Mining Affected Areas	pg 53	Yes	n/a	n/a	n/a
Mining Instability	pg 53	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 53	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 53	Yes	Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 54	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 54	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 55	Yes	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
<b>Industrial Land Use</b>					
Contemporary Trade Directory Entries	pg 56		22	53	112
Fuel Station Entries	pg 73		1	1	1
Points of Interest - Commercial Services	pg 73		7	23	45
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 79	1	15	26	43
Points of Interest - Public Infrastructure	pg 86		5	4	6
Points of Interest - Recreational and Environmental	pg 88				3
Gas Pipelines					
Underground Electrical Cables					

<b>Data Type</b>	<b>Page Number</b>	<b>On Site</b>	<b>0 to 250m</b>	<b>251 to 500m</b>	<b>501 to 1000m (*up to 2000m)</b>
<b>Sensitive Land Use</b>					
Ancient Woodland					
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					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (SE)	0	2	434927 564879
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (N)	0	2	434927 564900
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	0	2	434900 564900
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (E)	31	2	435000 564879
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (E)	37	2	435000 564900
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (N)	67	2	434927 565000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (NW)	82	2	434850 565000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (NE)	99	2	435000 565000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (N)	117	2	434927 565050
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (N)	119	2	434900 565050
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	136	2	435050 565000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (W)	145	2	434750 564950
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (N)	169	2	434950 565100
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	257	2	434700 565100
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	312	2	435250 564700
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	318	2	435100 565200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	328	2	434650 565150
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14SW (E)	332	2	435300 564800
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	339	2	435150 564550
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A18SE (N)	368	2	434950 565300
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	368	2	435200 564550
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	380	2	435350 564850



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	390	2	435350 564750
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (SE)	406	2	435300 564600
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	430	2	435400 564879
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	435	2	435050 565350
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A9NW (SE)	472	2	435300 564500
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	473	2	435000 565400
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	484	2	435450 564900
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12NE (W)	494	2	434400 564950
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (NW)	495	2	434450 565150
1	<b>Discharge Consents</b> Operator: Northumbrian Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Jarrow Road Pumping Station, South Shields, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1405 Permit Version: 1 Effective Date: 21st May 1993 Issued Date: 21st May 1993 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Saline Estuary Receiving Water: Don Estuary <b>Status: New Consent, by Application (Water Resources Act 1991, Section 88)</b> Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	0	3	434900 564850
1	<b>Discharge Consents</b> Operator: Northumbrian Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Jarrow Road Pumping Station, South Shields, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/1405 Permit Version: 1 Effective Date: 21st May 1993 Issued Date: 21st May 1993 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge Environment: Saline Estuary Receiving Water: Don Estuary <b>Status: New Consent, by Application (Water Resources Act 1991, Section 88)</b> Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	0	3	434900 564850

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<b>Discharge Consents</b> Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Others Location: Jarrow Road Sewer, Jarrow, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1179 Permit Version: 1 Effective Date: 27th January 1993 Issued Date: 27th January 1993 Revocation Date: 10th February 1994 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: Don <b>Status: Authorisation revokedRevoked</b> Positional Accuracy: Located by supplier to within 10m	A13SW (W)	19	3	434880 564860
1	<b>Discharge Consents</b> Operator: Northumbrian Water Limited Property Type: Trade (Unknown/Other) Location: Elswick Way, Jarrow, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1274 Permit Version: 1 Effective Date: 17th November 1992 Issued Date: 17th November 1992 Revocation Date: 10th February 1994 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Don <b>Status: Authorisation revokedRevoked</b> Positional Accuracy: Located by supplier to within 10m	A13SW (W)	19	3	434880 564860
1	<b>Discharge Consents</b> Operator: Northumbrian Water Limited Property Type: Trade (Unknown/Other) Location: Hudson Street, Jarrow, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1272 Permit Version: 1 Effective Date: 17th November 1992 Issued Date: 17th November 1992 Revocation Date: 10th February 1994 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Don <b>Status: Authorisation revokedRevoked</b> Positional Accuracy: Located by supplier to within 10m	A13SW (W)	19	3	434880 564860
1	<b>Discharge Consents</b> Operator: Northumbrian Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: Elswick Way Cso, Jarrow, Tyne & Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/1273 Permit Version: 1 Effective Date: 17th November 1992 Issued Date: 17th November 1992 Revocation Date: 10th February 1994 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Don <b>Status: Authorisation revokedRevoked</b> Positional Accuracy: Located by supplier to within 10m	A13SW (W)	19	3	434880 564860

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<b>Discharge Consents</b> Operator: Redundant - Northumbrian Water Ltd Property Type: Trade (Unknown/Other) Location: Elswick Way, Jarrow, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0027 Permit Version: 1 Effective Date: 18th February 1987 Issued Date: 18th February 1987 Revocation Date: 17th November 1992 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary <b>Status: Authorisation revokedRevoked</b> Positional Accuracy: Located by supplier to within 10m	A13SW (W)	19	3	434880 564860
1	<b>Discharge Consents</b> Operator: Redundant - Northumbrian Water Ltd Property Type: Trade (Unknown/Other) Location: Hudson Street, Jarrow, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0026 Permit Version: 1 Effective Date: 18th February 1987 Issued Date: 18th February 1987 Revocation Date: 17th November 1992 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary <b>Status: Authorisation revokedRevoked</b> Positional Accuracy: Located by supplier to within 10m	A13SW (W)	19	3	434880 564860
1	<b>Discharge Consents</b> Operator: Redundant - Northumbrian Water Ltd Property Type: Sewerage Network - Sewers - Others Location: Jarrow Road Sewer, Jarrow, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0028 Permit Version: 1 Effective Date: 18th February 1987 Issued Date: 18th February 1987 Revocation Date: 17th November 1992 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary <b>Status: Authorisation revokedRevoked</b> Positional Accuracy: Located by supplier to within 10m	A13SW (W)	19	3	434880 564860
1	<b>Discharge Consents</b> Operator: Redundant - Northumbrian Water Ltd Property Type: Sewerage Network - Sewers - Others Location: Jarrow Road Sewer, Jarrow, Tyne And Wear Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/X/0039 Permit Version: 1 Effective Date: 11th February 1987 Issued Date: 11th February 1987 Revocation Date: 27th December 1993 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tyne Estuary <b>Status: Authorisation revokedRevoked</b> Positional Accuracy: Located by supplier to within 10m	A13SW (W)	19	3	434880 564860

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: Trade (Unknown/Other)  Location: Bede Industrial Estate, Jarrow  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 235/1275  Permit Version: 1  Effective Date: 17th November 1992  Issued Date: 17th November 1992  Revocation Date: 10th February 1994  Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company  Discharge: Saline Estuary  Environment:  Receiving Water: Don  <b>Status: Authorisation revokedRevoked</b>  Positional Accuracy: Located by supplier to within 10m</p>	A13SW (W)	29	3	434870 564860
1	<p><b>Discharge Consents</b></p> <p>Operator: Redundant - Northumbrian Water Ltd  Property Type: Trade (Unknown/Other)  Location: Bede Industrial Estate, Jarrow  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 235/X/0085  Permit Version: 1  Effective Date: 28th April 1987  Issued Date: 28th April 1987  Revocation Date: 17th November 1992  Discharge Type: Unspecified  Discharge: Saline Estuary  Environment:  Receiving Water: Tyne Estuary  <b>Status: Authorisation revokedRevoked</b>  Positional Accuracy: Located by supplier to within 10m</p>	A13SW (W)	29	3	434870 564860
2	<p><b>Discharge Consents</b></p> <p>Operator: Durham County Waste Management Co Ltd  Property Type: Composting Facilities  Location: Tyne Dock Composting Facility, Jarrow Road, South Shields  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 235/1852  Permit Version: 1  Effective Date: 19th February 2003  Issued Date: 19th February 2003  Revocation Date: 18th May 2006  Discharge Type: Trade Discharges - Site Drainage  Discharge: Saline Estuary  Environment:  Receiving Water: River Don Saline Estuary  <b>Status: Revoked (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A13NW (NW)	51	3	434880 564980
3	<p><b>Discharge Consents</b></p> <p>Operator: N.S.A. U.K. Limited  Property Type: Trade (Unknown/Other)  Location: Axial Ltd Transport Depot, Tyne Dock, South Shields  Authority: Environment Agency, North East Region  Catchment Area: Tyne (Lower)/Tea/Don  Reference: 235/1514  Permit Version: 2  Effective Date: 26th July 2012  Issued Date: 26th July 2012  Revocation Date: Not Supplied  Discharge Type: Trade Discharges - Site Drainage  Discharge: Land/Soakaway  Environment:  Receiving Water: Groundwater  <b>Status: New Consent, by Application (Water Resources Act 1991, Section 88)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A12NE (NW)	370	3	434560 565090

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	<p><b>Discharge Consents</b></p> <p>Operator: Axial Ltd  Property Type: Trade (Unknown/Other)  Location: Axial Ltd Transport Depot, Tyne Dock, South Shields  Authority: Environment Agency, North East Region  Catchment Area: Tyne (Lower)/Team/Don  Reference: 235/1514  Permit Version: 1  Effective Date: 30th August 1995  Issued Date: 30th August 1995  Revocation Date: 25th July 2012  Discharge Type: Trade Discharges - Site Drainage  Discharge: Land/Soakaway  Environment:  Receiving Water: Groundwater  <b>Status: New Consent, by Application (Water Resources Act 1991, Section 88)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A12NE (NW)	370	3	434560 565090
3	<p><b>Discharge Consents</b></p> <p>Operator: N.S.A. U.K. Limited  Property Type: Trade (Unknown/Other)  Location: Axial Ltd Transport Depot, Tyne Dock, South Shields  Authority: Environment Agency, North East Region  Catchment Area: Tyne (Lower)/Team/Don  Reference: 235/1513  Permit Version: 1  Effective Date: 30th August 1995  Issued Date: 30th August 1995  Revocation Date: Not Supplied  Discharge Type: Trade Discharges - Site Drainage  Discharge: Saline Estuary  Environment:  Receiving Water: Don Estuary  <b>Status: New Consent, by Application (Water Resources Act 1991, Section 88)</b>  Positional Accuracy: Located by supplier to within 100m</p>	A12NE (NW)	383	3	434550 565100
3	<p><b>Discharge Consents</b></p> <p>Operator: N.S.A. U.K. Limited  Property Type: Trade (Unknown/Other)  Location: Axial Ltd Transport Depot, Tyne Dock, South Shields  Authority: Environment Agency, North East Region  Catchment Area: Tyne (Lower)/Team/Don  Reference: 235/1512  Permit Version: 1  Effective Date: 30th August 1995  Issued Date: 30th August 1995  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Saline Estuary  Environment:  Receiving Water: Don Estuary  <b>Status: New Consent, by Application (Water Resources Act 1991, Section 88)</b>  Positional Accuracy: Located by supplier to within 100m</p>	A12NE (NW)	392	3	434540 565100
4	<p><b>Discharge Consents</b></p> <p>Operator: Port Of Tyne Authority  Property Type: Sewage Disposal Works - Other  Location: Tyne Logistics Co Ltd, Tyne Dock, South Shields  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 235/1818  Permit Version: 1  Effective Date: 8th August 2001  Issued Date: 8th August 2001  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Saline Estuary  Environment:  Receiving Water: River Tyne Saline Estuary  <b>Status: New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A18SE (N)	461	3	435100 565360

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: Sewerage Network - Sewers - Water Company  Location: Bedesway Cso, Jarrow, Tyne &amp; Wear  Authority: Environment Agency, North East Region  Catchment Area: Tyne (Lower)/Team/Don  Reference: 235/1276  Permit Version: 1  Effective Date: 17th November 1992  Issued Date: 17th November 1992  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Saline Estuary  Environment:  Receiving Water: Don  <b>Status: New Consent, by Application (Water Resources Act 1991, Section 88)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A12NE (W)	501	3	434410 565060
5	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: Trade (Unknown/Other)  Location: Bedesway, Jarrow, Tyne And Wear  Authority: Environment Agency, North East Region  Catchment Area: Tyne (Lower)/Team/Don  Reference: 235/0590  Permit Version: 1  Effective Date: 15th August 1988  Issued Date: 15th August 1988  Revocation Date: 1st August 2000  Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company  Discharge: Saline Estuary  Environment:  Receiving Water: Don  <b>Status: Authorisation revokedRevoked</b>  Positional Accuracy: Located by supplier to within 100m</p>	A12NE (W)	501	3	434410 565060
5	<p><b>Discharge Consents</b></p> <p>Operator: Redundant - Northumbrian Water Ltd  Property Type: Trade (Unknown/Other)  Location: Bedesway, Jarrow, Tyne And Wear  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 235/X/0086  Permit Version: 1  Effective Date: 28th April 1987  Issued Date: 28th April 1987  Revocation Date: 15th August 1988  Discharge Type: Unspecified  Discharge: Saline Estuary  Environment:  Receiving Water: Tyne Estuary  <b>Status: Authorisation revokedRevoked</b>  Positional Accuracy: Located by supplier to within 10m</p>	A12NE (W)	501	3	434410 565060
5	<p><b>Discharge Consents</b></p> <p>Operator: Redundant - Northumbrian Water Ltd  Property Type: Trade (Unknown/Other)  Location: Bedesway, Jarrow, Tyne And Wear  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 235/X/0029  Permit Version: 1  Effective Date: 18th February 1987  Issued Date: 18th February 1987  Revocation Date: 17th November 1992  Discharge Type: Unspecified  Discharge: Saline Estuary  Environment:  Receiving Water: Tyne Estuary  <b>Status: Authorisation revokedRevoked</b>  Positional Accuracy: Located by supplier to within 10m</p>	A12NE (W)	501	3	434410 565060

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p><b>Discharge Consents</b></p> <p>Operator: Port Of Tyne Authority  Property Type: Undefined Or Other  Location: Transit Sheds 5 And 6, SOUTH SHIELDS  Authority: Environment Agency, North East Region  Catchment Area: Not Given  Reference: 235/1593  Permit Version: Not Supplied  Effective Date: Not Supplied  Issued Date: Not Supplied  Revocation Date: Not Supplied  Discharge Type: Unknown  Discharge: Saline Estuary  Environment:  Receiving Water: Tyne Estuary  <b>Status: Not Supplied</b>  Positional Accuracy: Located by supplier to within 100m</p>	A18SE (NE)	501	3	435180 565365
6	<p><b>Discharge Consents</b></p> <p>Operator: Port Of Tyne Authority  Property Type: Sewage Disposal Works - Other  Location: Tyne Dock Transit Sheds Septic Tank, Tyne Dock, South Shields, Tyne &amp; Wear  Authority: Environment Agency, North East Region  Catchment Area: Not Given  Reference: 235/1593  Permit Version: 1  Effective Date: 23rd September 1996  Issued Date: 23rd September 1996  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Saline Estuary  Environment:  Receiving Water: Tyne Estuary  <b>Status: New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A18SE (NE)	505	3	435180 565370
6	<p><b>Discharge Consents</b></p> <p>Operator: Port Of Tyne Authority  Property Type: Sewage Disposal Works - Other  Location: Port Of Tyne Authority, Tyne Dock, South Shields  Authority: Environment Agency, North East Region  Catchment Area: Tyne (Lower)/Team/Don  Reference: 235/1515  Permit Version: 1  Effective Date: 30th August 1995  Issued Date: 30th August 1995  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Saline Estuary  Environment:  Receiving Water: Tyne Estuary  <b>Status: New Consent, by Application (Water Resources Act 1991, Section 88)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A18SE (NE)	505	3	435180 565370
7	<p><b>Discharge Consents</b></p> <p>Operator: Port Of Tyne Authority  Property Type: Trade (Unknown/Other)  Location: Outfalls 2/3 Tyne Car Terminal, Jarrow, Tyne And Wear  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 235/1813  Permit Version: 1  Effective Date: 22nd May 2001  Issued Date: 22nd May 2001  Revocation Date: Not Supplied  Discharge Type: Trade Discharges - Site Drainage (Contaminated Surface Water, Not Waste Sites)  Discharge: Saline Estuary  Environment:  Receiving Water: River Don Saline Estuary  <b>Status: Consent without application (Water Resources Act 1991, Schedule 10)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A12NE (W)	567	3	434350 565090

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	<p><b>Discharge Consents</b></p> <p>Operator: Port Of Tyne Authority  Property Type: Trade (Unknown/Other)  Location: Outfalls 2/3 Tyne Car Terminal, Jarrow, Tyne And Wear  Authority: Environment Agency, North East Region  Catchment Area: Not Given  Reference: 235/1419  Permit Version: 1  Effective Date: 26th October 1993  Issued Date: 26th October 1993  Revocation Date: 22nd May 2001  Discharge Type: Trade Discharges - Site Drainage  Discharge: Saline Estuary  Environment:  Receiving Water: Don Estuary  <b>Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 100m</p>	A12NE (W)	567	3	434350 565090
8	<p><b>Discharge Consents</b></p> <p>Operator: Port Of Tyne Authority  Property Type: Sewage Disposal Works - Other  Location: Nissan Distribution Office Tyne Car Terminal, Tyne Dock, South Shields, Tyne And Wear  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 235/1999  Permit Version: 1  Effective Date: 5th December 2005  Issued Date: 21st November 2005  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Saline Estuary  Environment:  Receiving Water: Tyne (Saline Estuary)  <b>Status: New Consent, by Application (Water Resources Act 1991, Section 88)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A12NE (W)	620	3	434300 565110
9	<p><b>Discharge Consents</b></p> <p>Operator: English Estates North  Property Type: Trade (Unknown/Other)  Location: Bede Industrial Estate, Jarrow, Tyne And Wear  Authority: Environment Agency, North East Region  Catchment Area: Tyne (Lower)/Team/Don  Reference: 235/1063  Permit Version: 1  Effective Date: 30th May 1991  Issued Date: 30th May 1991  Revocation Date: 23rd September 1996  Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company  Discharge: Saline Estuary  Environment:  Receiving Water: Don (Tidal)  <b>Status: Authorisation revokedRevoked</b>  Positional Accuracy: Located by supplier to within 100m</p>	A12NW (NW)	696	3	434240 565170
10	<p><b>Discharge Consents</b></p> <p>Operator: Port Of Tyne Authority  Property Type: Trade (Unknown/Other)  Location: Car Storage Terminal Tyne Dock, South Shields, Tyne And Wear  Authority: Environment Agency, North East Region  Catchment Area: Not Given  Reference: 235/1478  Permit Version: 1  Effective Date: 28th June 1994  Issued Date: 28th June 1994  Revocation Date: Not Supplied  Discharge Type: Trade Discharges - Site Drainage  Discharge: Saline Estuary  Environment:  Receiving Water: River Don Estuary  <b>Status: New Consent, by Application (Water Resources Act 1991, Section 88)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A12NW (W)	763	3	434160 565140



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	<p><b>Discharge Consents</b></p> <p>Operator: Port Of Tyne Authority  Property Type: Undefined Or Other  Location: Car Storage Terminal Tyne Dock, SOUTH SHIELDS  Authority: Environment Agency, North East Region  Catchment Area: Not Given  Reference: 235/1478  Permit Version: Not Supplied  Effective Date: Not Supplied  Issued Date: Not Supplied  Revocation Date: Not Supplied  Discharge Type: Surface Water  Discharge: Freshwater Estuary  Environment:  Receiving Water: River Don Estuary  <b>Status: Not Supplied</b>  Positional Accuracy: Located by supplier to within 100m</p>	A12NW (W)	764	3	434160 565145
10	<p><b>Discharge Consents</b></p> <p>Operator: Port Of Tyne Authority  Property Type: Trade (Unknown/Other)  Location: Outfalls 2/3 Tyne Car Terminal, Jarrow, Tyne And Wear  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 235/1813  Permit Version: 1  Effective Date: 22nd May 2001  Issued Date: 22nd May 2001  Revocation Date: Not Supplied  Discharge Type: Trade Discharges - Site Drainage  Discharge: Saline Estuary  Environment:  Receiving Water: River Don Saline Estuary  <b>Status: Consent without application (Water Resources Act 1991, Schedule 10)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A12NW (W)	778	3	434150 565160
10	<p><b>Discharge Consents</b></p> <p>Operator: Port Of Tyne Authority  Property Type: Trade (Unknown/Other)  Location: Outfalls 2/3 Tyne Car Terminal, Jarrow, Tyne And Wear  Authority: Environment Agency, North East Region  Catchment Area: Not Given  Reference: 235/1419  Permit Version: 1  Effective Date: 26th October 1993  Issued Date: 26th October 1993  Revocation Date: 22nd May 2001  Discharge Type: Trade Discharges - Site Drainage  Discharge: Saline Estuary  Environment:  Receiving Water: Don Estuary  <b>Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A12NW (W)	778	3	434150 565160
11	<p><b>Discharge Consents</b></p> <p>Operator: Port Of Tyne Authority  Property Type: Sewage Disposal Works - Other  Location: North West Quay, A Portable Office, Tyne Dock, South Shields, Tyne And Wear  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 235/1815  Permit Version: 1  Effective Date: 22nd May 2001  Issued Date: 22nd May 2001  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Saline Estuary  Environment:  Receiving Water: River Tyne Saline Estuary  <b>Status: Consent without application (Water Resources Act 1991, Schedule 10)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A18NE (N)	780	3	435210 565660

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	<p><b>Discharge Consents</b></p> <p>Operator: Port Of Tyne Authority  Property Type: Sewage Disposal Works - Other  Location: North West Quay, A Portable Office, Tyne Dock, South Shields, Tyne And Wear  Authority: Environment Agency, North East Region  Catchment Area: Tyne (Lower)/Team/Don  Reference: 235/1007  Permit Version: 1  Effective Date: 22nd May 1989  Issued Date: 22nd May 1989  Revocation Date: 22nd May 2001  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Saline Estuary  Environment:  Receiving Water: Tyne  <b>Status:</b> <b>Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 100m</p>	A18NE (N)	780	3	435210 565660
12	<p><b>Discharge Consents</b></p> <p>Operator: Port Of Tyne Authority  Property Type: Sewage Disposal Works - Other  Location: Coal Handling Plant Septic Tank, Tyne Dock, Jarrow  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 235/1677  Permit Version: 1  Effective Date: 4th November 1998  Issued Date: 4th November 1998  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Saline Estuary  Environment:  Receiving Water: Tyne Saline Estuary  <b>Status:</b> <b>New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A18NW (N)	782	3	434610 565660
12	<p><b>Discharge Consents</b></p> <p>Operator: Port Of Tyne Authority  Property Type: Sewage Disposal Works - Other  Location: Outfall No 22, Tyne Coal Terminal, South Shields, Tyne And Wear  Authority: Environment Agency, North East Region  Catchment Area: Tyne (Lower)/Team/Don  Reference: 235/1071  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)  <b>Status:</b> <b>Authorisation revokedRevoked</b>  Positional Accuracy: Located by supplier to within 100m</p>	A18NW (N)	782	3	434610 565660
12	<p><b>Discharge Consents</b></p> <p>Operator: Unknown,  Property Type: Sewage Disposal Works - Other  Location: Outfall No 22, Tyne Coal Terminal, South Shields, Tyne And Wear  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 235/X/0319  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  <b>Status:</b> <b>Authorisation revokedRevoked</b>  Positional Accuracy: Located by supplier to within 10m</p>	A18NW (N)	782	3	434610 565660

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	<p><b>Discharge Consents</b></p> <p>Operator: Port Of Tyne Authority  Property Type: Coal Extraction, Surface  Location: Coal Handling Plant, Tyne Dock, Jarrow  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 235/1806  Permit Version: 1  Effective Date: 22nd May 2001  Issued Date: 22nd May 2001  Revocation Date: Not Supplied  Discharge Type: Trade Discharges - Site Drainage  Discharge: Saline Estuary  Environment:  Receiving Water: River Tyne Saline Estuary  <b>Status: Consent without application (Water Resources Act 1991, Schedule 10)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A18NW (N)	788	3	434620 565670
13	<p><b>Discharge Consents</b></p> <p>Operator: PORT OF TYNE AUTHORITY  Property Type: Trade (Unknown/Other)  Location: Jarrow Slake Storage Area, Tyne Dock, South Shields  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 235/1699  Permit Version: 1  Effective Date: 29th June 1999  Issued Date: 29th June 1999  Revocation Date: Not Supplied  Discharge Type: Trade Discharges - Site Drainage  Discharge: Saline Estuary  Environment:  Receiving Water: River Tyne Saline Estuary  <b>Status: New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A17NE (NW)	807	3	434490 565630
13	<p><b>Discharge Consents</b></p> <p>Operator: Port Of Tyne Authority  Property Type: Trade (Unknown/Other)  Location: Tyne Car Terminal, Tyne Dock, South Shields, South Tyneside  Authority: Environment Agency, North East Region  Catchment Area: Tyne (Lower)/Team/Don  Reference: 235/1501  Permit Version: 1  Effective Date: 18th January 1995  Issued Date: 18th January 1995  Revocation Date: Not Supplied  Discharge Type: Trade Discharges - Site Drainage  Discharge: Saline Estuary  Environment:  Receiving Water: River Tyne Estuary  <b>Status: New Consent, by Application (Water Resources Act 1991, Section 88)</b>  Positional Accuracy: Located by supplier to within 100m</p>	A17NE (NW)	817	3	434470 565630
13	<p><b>Discharge Consents</b></p> <p>Operator: Port Of Tyne Authority  Property Type: Sewage Disposal Works - Other  Location: Outfall No 1 Tyne Car Terminal, Jarrow Slake, North Shields, Tyne And Wear  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 235/1812  Permit Version: 1  Effective Date: 22nd May 2001  Issued Date: 22nd May 2001  Revocation Date: Not Supplied  Discharge Type: Trade Discharges - Site Drainage  Discharge: Saline Estuary  Environment:  Receiving Water: River Tyne Saline Estuary  <b>Status: Consent without application (Water Resources Act 1991, Schedule 10)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A17NE (NW)	842	3	434440 565640

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	<p><b>Discharge Consents</b></p> <p>Operator: Director Of Port Services  Property Type: Sewage Disposal Works - Other  Location: Outfall No 1 Tyne Car Terminal, Jarrow Slake, North Shields, Tyne And Wear  Authority: Environment Agency, North East Region  Catchment Area: Tyne (Lower)/Team/Don  Reference: 235/1418  Permit Version: 1  Effective Date: 26th October 1993  Issued Date: 26th October 1993  Revocation Date: 22nd May 2001  Discharge Type: Trade Discharges - Site Drainage  Discharge: Saline Estuary  Environment:  Receiving Water: Tyne Estuary  <b>Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 100m</p>	A17NE (NW)	842	3	434440 565640
14	<p><b>Discharge Consents</b></p> <p>Operator: Port Of Tyne Authority  Property Type: Sewage Disposal Works - Other  Location: Outfall No 21, Riverside Quay, South Shields, Tyne And Wear  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 235/1817  Permit Version: 1  Effective Date: 22nd May 2001  Issued Date: 22nd May 2001  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Saline Estuary  Environment:  Receiving Water: River Tyne Saline Estuary  <b>Status: Consent without application (Water Resources Act 1991, Schedule 10)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A18NW (N)	824	3	434800 565750
14	<p><b>Discharge Consents</b></p> <p>Operator: Port Of Tyne Authority  Property Type: Sewage Disposal Works - Other  Location: Outfall No 21, Riverside Quay, South Shields, Tyne And Wear  Authority: Environment Agency, North East Region  Catchment Area: Tyne (Lower)/Team/Don  Reference: 235/1070  Permit Version: 1  Effective Date: 21st May 1991  Issued Date: 21st May 1991  Revocation Date: 7th September 2015  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Saline Estuary  Environment:  Receiving Water: Tyne (Tidal)  <b>Status: Authorisation revokedRevoked</b>  Positional Accuracy: Located by supplier to within 100m</p>	A18NW (N)	824	3	434800 565750
14	<p><b>Discharge Consents</b></p> <p>Operator: Unknown,  Property Type: Sewage Disposal Works - Other  Location: Outfall No 21, Riverside Quay, South Shields, Tyne And Wear  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 235/X/0318  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  <b>Status: Authorisation revokedRevoked</b>  Positional Accuracy: Located by supplier to within 10m</p>	A18NW (N)	824	3	434800 565750

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	<p><b>Discharge Consents</b></p> <p>Operator: Unknown, Property Type: Trade (Unknown/Other) Location: John Herring (Timber) Ltd, Sutherland Quay, Tyne Dock Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/B/0128 Permit Version: 1 Effective Date: 23rd January 1970 Issued Date: 23rd January 1970 Revocation Date: 16th January 1997 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Don <b>Status: Authorisation revokedRevoked</b> Positional Accuracy: Located by supplier to within 100m</p>	A18NW (N)	874	3	434800 565800
15	<p><b>Discharge Consents</b></p> <p>Operator: Port Of Tyne Authority Property Type: Not Given Location: Coal Handling Plant, Tyne Dock, JARROW Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/B/0303/2685 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 3rd January 1984 Revocation Date: Not Supplied Discharge Type: Septic tank Discharge: Tidal Waters Environment: Receiving Water: Tyne <b>Status: Not Supplied</b> Positional Accuracy: Located by supplier to within 100m</p>	A19NW (NE)	849	3	435300 565695
15	<p><b>Discharge Consents</b></p> <p>Operator: Port Of Tyne Authority Property Type: Coal Extraction, Surface Location: Coal Handling Plant, Tyne Dock, Jarrow Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 235/B/0304 Permit Version: 1 Effective Date: 3rd January 1984 Issued Date: 3rd January 1984 Revocation Date: 4th November 1998 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Tyne <b>Status: Authorisation revokedRevoked</b> Positional Accuracy: Located by supplier to within 10m</p>	A19NW (NE)	853	3	435300 565700
15	<p><b>Discharge Consents</b></p> <p>Operator: Port Of Tyne Authority Property Type: Coal Extraction, Surface Location: Coal Handling Plant, Tyne Dock, Jarrow Authority: Environment Agency, North East Region Catchment Area: Tyne (Lower)/Team/Don Reference: 235/B/0303 Permit Version: 1 Effective Date: 3rd January 1984 Issued Date: 3rd January 1984 Revocation Date: 22nd May 2001 Discharge Type: Trade Discharges - Site Drainage Discharge: Saline Estuary Environment: Receiving Water: Tyne <b>Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)</b> Positional Accuracy: Located by supplier to within 100m</p>	A19NW (NE)	853	3	435300 565700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	<p><b>Discharge Consents</b></p> <p>Operator: Port Of Tyne Authority  Property Type: Sewage Disposal Works - Other  Location: Outfall No 9, Tyne Dock, South Shields, Tyne And Wear  Authority: Environment Agency, North East Region  Catchment Area: Tyne (Lower)/Team/Don  Reference: 235/1068  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)  <b>Status: Authorisation revokedRevoked</b>  Positional Accuracy: Located by supplier to within 100m</p>	A18NE (N)	862	3	435230 565740
16	<p><b>Discharge Consents</b></p> <p>Operator: Unknown,  Property Type: Sewage Disposal Works - Other  Location: Outfall No 9, Tyne Dock, South Shields, Tyne And Wear  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 235/X/0315  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  <b>Status: Authorisation revokedRevoked</b>  Positional Accuracy: Located by supplier to within 10m</p>	A18NE (N)	862	3	435230 565740
17	<p><b>Discharge Consents</b></p> <p>Operator: Port Of Tyne Authority  Property Type: Trade (Unknown/Other)  Location: Outfall No 20, Riverside Quay, South Shields, Tyne And Wear  Authority: Environment Agency, North East Region  Catchment Area: Tyne (Lower)/Team/Don  Reference: 235/1081  Permit Version: 1  Effective Date: 21st May 1991  Issued Date: 21st May 1991  Revocation Date: 5th December 1996  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Saline Estuary  Environment:  Receiving Water: Tyne (Tidal)  <b>Status: Authorisation revokedRevoked</b>  Positional Accuracy: Located by supplier to within 100m</p>	A18NE (N)	868	3	434960 565800
17	<p><b>Discharge Consents</b></p> <p>Operator: Unknown,  Property Type: Trade (Unknown/Other)  Location: Outfall No 20, Riverside Quay, South Shields, Tyne And Wear  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 235/X/0316  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  <b>Status: Authorisation revokedRevoked</b>  Positional Accuracy: Located by supplier to within 10m</p>	A18NE (N)	868	3	434960 565800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	<p><b>Discharge Consents</b></p> <p>Operator: Port Of Tyne Authority  Property Type: Vehicle Washing  Location: Riverside Quay Vehicle Wash, Tyne Dock, South Shields  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 235/1780  Permit Version: 1  Effective Date: 7th August 2000  Issued Date: 7th August 2000  Revocation Date: Not Supplied  Discharge Type: Trade Discharge - Process Water  Discharge: Saline Estuary  Environment:  Receiving Water: River Tyne Saline Estuary  <b>Status: New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A18NE (N)	931	3	435240 565810
19	<p><b>Discharge Consents</b></p> <p>Operator: Port Of Tyne Authority  Property Type: Sewage Disposal Works - Other  Location: Outfall No 20a, Riverside Quay, South Shields, Tyne And Wear  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 235/1816  Permit Version: 1  Effective Date: 22nd May 2001  Issued Date: 22nd May 2001  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Saline Estuary  Environment:  Receiving Water: River Tyne Saline Estuary  <b>Status: Consent without application (Water Resources Act 1991, Schedule 10)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A18NE (N)	934	3	435100 565850
19	<p><b>Discharge Consents</b></p> <p>Operator: Port Of Tyne Authority  Property Type: Sewage Disposal Works - Other  Location: Outfall No 20a, Riverside Quay, South Shields, Tyne And Wear  Authority: Environment Agency, North East Region  Catchment Area: Tyne (Lower)/Team/Don  Reference: 235/1069  Permit Version: 1  Effective Date: 21st May 1991  Issued Date: 21st May 1991  Revocation Date: 22nd May 2001  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Saline Estuary  Environment:  Receiving Water: Tyne (Tidal)  <b>Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 100m</p>	A18NE (N)	945	3	435110 565860
19	<p><b>Discharge Consents</b></p> <p>Operator: Unknown,  Property Type: Sewage Disposal Works - Other  Location: Outfall No 20a, Riverside Quay, South Shields, Tyne And Wear  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 235/X/0317  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  <b>Status: Authorisation revokedRevoked</b>  Positional Accuracy: Located by supplier to within 10m</p>	A18NE (N)	945	3	435110 565860

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: Sewage Disposal Works - Water Company  Location: Jarrow Bridge Septic Tank, Jarrow, South Tyneside  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 235/1752  Permit Version: 1  Effective Date: 11th February 2000  Issued Date: 11th February 2000  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company  Discharge: Saline Estuary  Environment:  Receiving Water: River Don Saline Estuary  <b>Status:</b> <b>New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A12NW (W)	962	3	433960 565160
20	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: Trade (Unknown/Other)  Location: Jarrow Bridge North Outfall, Jarrow, Tyne And Wear  Authority: Environment Agency, North East Region  Catchment Area: Tyne (Lower)/Team/Don  Reference: 235/1381  Permit Version: 1  Effective Date: 29th April 1993  Issued Date: 29th April 1993  Revocation Date: 10th May 2000  Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company  Discharge: Saline Estuary  Environment:  Receiving Water: Don Estuary  <b>Status:</b> <b>Authorisation revokedRevoked</b>  Positional Accuracy: Located by supplier to within 100m</p>	A12NW (W)	971	3	433950 565160
21	<p><b>Integrated Pollution Controls</b></p> <p>Name: Jt Dove Ltd  Location: West Side, Sutherland Quay, Tyne Dock, SOUTH SHIELDS, Tyne And Wear, NE34 9PL  Authority: Environment Agency, North East Region  Permit Reference: Bk6327  Dated: 16th March 2001  Process Type: IPC minor (non-substantial) variation to previous variation  Description: 6.7 A (A) Timber processes within Miscellaneous Industries  <b>Status:</b> <b>Authorisation revokedRevoked</b>  Positional Accuracy: Manually positioned to the road within the address or location</p>	A13SE (SE)	36	3	434985 564804
21	<p><b>Integrated Pollution Controls</b></p> <p>Name: Jt Dove Ltd  Location: West Side Sutherland Quay Tyne Dock, SOUTH SHIELDS, Tyne And Wear, NE34 9PL  Authority: Environment Agency, North East Region  Permit Reference: BD4856  Dated: 24th November 1998  Process Type: IPC minor (non-substantial) variation to previous variation  Description: 6.7 A (A) Timber processes within Miscellaneous Industries  <b>Status:</b> <b>Authorisation superseded by a substantial or non substantial variationSuperseded</b>  Positional Accuracy: Unknown</p>	A13SE (SE)	48	3	435006 564806
21	<p><b>Integrated Pollution Controls</b></p> <p>Name: Jt Dove Ltd  Location: Tyne Dock, SOUTH SHIELDS, Tyne And Wear, NE34 9PL  Authority: Environment Agency, North East Region  Permit Reference: AU8199  Dated: 21st October 1996  Process Type: IPC new application  Description: 6.7 A (A) Timber processes within Miscellaneous Industries  <b>Status:</b> <b>Authorisation superseded by a substantial or non substantial variationSuperseded</b>  Positional Accuracy: Unknown</p>	A13SE (SE)	48	3	435001 564801
22	<p><b>Integrated Pollution Controls</b></p> <p>Name: Mh Southern And Co Ltd  Location: Church Bank Sawmills, Jarrow, Tyne And Wear, NE32 3EB  Authority: Environment Agency, North East Region  Permit Reference: Bk6335  Dated: 9th March 2001  Process Type: IPC minor (non-substantial) variation to previous variation  Description: 6.7 A (A) Timber processes within Miscellaneous Industries  <b>Status:</b> <b>Authorisation revokedRevoked</b>  Positional Accuracy: Automatically positioned to the address</p>	A11NE (W)	985	3	433913 565019



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	<p><b>Integrated Pollution Controls</b></p> <p>Name: Mh Southern And Co Ltd            Location: Church Bank Sawmills, JARROW, Tyne And Wear, NE32 3EB            Authority: Environment Agency, North East Region            Permit Reference: BD4392            Dated: 24th November 1998            Process Type: IPC minor (non-substantial) variation to previous variation            Description: 6.7 A (A) Timber processes within Miscellaneous Industries  <b>Status: Authorisation superseded by a substantial or non substantial variationSuperseded</b>            Positional Accuracy: Automatically positioned to the address</p>	A11NE (W)	985	3	433913 565019
22	<p><b>Integrated Pollution Controls</b></p> <p>Name: Mh Southern And Co Ltd            Location: Church Bank Sawmills, JARROW, Tyne And Wear, NE32 3EB            Authority: Environment Agency, North East Region            Permit Reference: AU7141            Dated: 20th November 1996            Process Type: IPC new application            Description: 6.7 A (A) Timber processes within Miscellaneous Industries  <b>Status: Authorisation superseded by a substantial or non substantial variationSuperseded</b>            Positional Accuracy: Automatically positioned to the address</p>	A11NE (W)	985	3	433913 565019
23	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Cemex Uk Materials Ltd            Location: Wilton's Yard, Jarrow Road, SOUTH SHIELDS, Tyne and Wear, NE34 9PT            Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department            Permit Reference: PPC/08/02            Dated: 21st July 1993            Process Type: Local Authority Pollution Prevention and Control            Description: PG3/1Blending, packing, loading and use of bulk cement  <b>Status: Permitted</b>            Positional Accuracy: Manually positioned to the address or location</p>	A13SE (E)	26	4	434992 564873
24	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: J T Dove Ltd            Location: West Side, Sunderland Quay, South Shields, Ne34 9pl            Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department            Permit Reference: PPC/08/4            Dated: 27th March 2008            Process Type: Local Authority Pollution Prevention and Control            Description: PG6/2 Manufacture of timber and wood-based products  <b>Status: Permitted</b>            Positional Accuracy: Located by supplier to within 100m</p>	A13SW (S)	31	4	434900 564800
24	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Sherburn Stone Co Ltd            Location: Tyne Dock Estate, South Shields, Ne34 9pl            Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department            Permit Reference: PPC/08/08            Dated: 26th March 2003            Process Type: Local Authority Pollution Prevention and Control            Description: PG3/1Blending, packing, loading and use of bulk cement  <b>Status: Permitted</b>            Positional Accuracy: Located by supplier to within 100m</p>	A13SW (S)	31	4	434900 564800
24	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Sherburn Stone Co.Ltd            Location: West Side, Tyne Dock Estate, South Shields, Tyne and Wear, NE34 9PL            Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department            Permit Reference: 033/3.1(B)            Dated: 18th July 2000            Process Type: Local Authority Pollution Prevention and Control            Description: PG3/1Blending, packing, loading and use of bulk cement  <b>Status: Permitted</b>            Positional Accuracy: Located by supplier to within 100m</p>	A13SW (S)	31	4	434900 564800
24	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Redwood Service Station            Location: Jarrow Road, Jarrow, SOUTH SHIELDS, Tyne and Wear, NE34 9PS            Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department            Permit Reference: STC/EPR/006            Dated: 10th September 1999            Process Type: Local Authority Pollution Prevention and Control            Description: PG1/14 Petrol filling station  <b>Status: Permitted</b>            Positional Accuracy: Manually positioned to the address or location</p>	A13SW (SW)	61	4	434867 564782

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Practical Compounds Ltd            Location: West Side, Tyne Dock, SOUTH SHIELDS, Tyne and Wear, NE34 9PT            Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department            Permit Reference: 017/6.6(a)*            Dated: Not Supplied            Process Type: Local Authority Air Pollution Control            Description: PG6/10 Coating manufacturing  <b>Status: Authorised</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A13SE (SE)	44	4	435001 564806
26	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Pipeline Protection Ltd            Location: West Side, Tyne Dock, SOUTH SHIELDS, Tyne and Wear, NE34 9PX            Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department            Permit Reference: 046/6.4(A)            Dated: Not Supplied            Process Type: Local Authority Pollution Prevention and Control            Description: PG6/23 Coating of metal and plastic  <b>Status: Permitted</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SE (E)	151	4	435117 564881
27	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Practical Compounds Ltd            Location: West Side, South Shields, Tyne and Wear, NE34 9PL            Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department            Permit Reference: STC/036/6.3(a)(i)/Pt B            Dated: 3rd June 1999            Process Type: Local Authority Pollution Prevention and Control            Description: PG6/42 Bitumen and tar processes  <b>Status: Permitted</b>            Positional Accuracy: Located by supplier to within 100m</p>	A13NE (N)	277	4	435000 565200
28	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Simonside Service Station            Location: Newcastle Road, SOUTH SHIELDS, Tyne and Wear, NE34 9QE            Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department            Permit Reference: STC/EPR/016            Dated: 17th November 1999            Process Type: Local Authority Pollution Prevention and Control            Description: PG1/14 Petrol filling station  <b>Status: Permitted</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SE (SE)	300	4	435250 564731
29	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Vic Young ( South Shields ) Ltd            Location: 19 Newcastle Road, SOUTH SHIELDS, Tyne and Wear, NE34 9QE            Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department            Permit Reference: 027/6.4(b)            Dated: 26th May 1999            Process Type: Local Authority Pollution Prevention and Control            Description: PG6/34 Respraying of road vehicles  <b>Status: Permitted</b>            Positional Accuracy: Located by supplier to within 100m</p>	A13SE (SE)	330	4	435200 564600
29	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Johnsons Dry Cleaning            Location: 17 Fowler Street, South Shields, Ne33 2rl            Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department            Permit Reference: Not Supplied            Dated: Not Supplied            Process Type: Local Authority Pollution Prevention and Control            Description: PG6/46 Dry cleaning  <b>Status: Permitted</b>            Positional Accuracy: Located by supplier to within 100m</p>	A13SE (SE)	330	4	435200 564600
30	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Jt Dove            Location: West Side, Sunderland Quay, South Shields, Ne34 9pl            Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department            Permit Reference: PPC/08/4            Dated: 27th March 2008            Process Type: Local Authority Pollution Prevention and Control            Description: PG6/3 Chemical treatment of timber and wood-based products  <b>Status: Permitted</b>            Positional Accuracy: Manually positioned to the address or location</p>	A12NE (W)	359	4	434545 565015

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Onwa Electronics Uk Ltd            Location: Simonside East Industrial Park, Newcastle Road, SOUTH SHIELDS, Tyne and Wear, NE34 9AA            Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department            Permit Reference: 037/6.5(A)            Dated: Not Supplied            Process Type: Local Authority Air Pollution Control            Description: PG6/23 Coating of metal and plastic  <b>Status: Authorised</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A8NE (S)	375	4	435027 564467
32	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Gt Diecastings Ltd            Location: 30 Pilgrims Way, Bede Industrial Estate, JARROW, Tyne and Wear, NE32 3EW            Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department            Permit Reference: 047/2.2(D)            Dated: Not Supplied            Process Type: Local Authority Pollution Prevention and Control            Description: PG2/6 Aluminium and aluminium alloy processes  <b>Status: Authorisation revokedRevoked</b>            Positional Accuracy: Automatically positioned to the address</p>	A12SE (W)	429	4	434472 564789
33	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Gt            Location: 1 Pilgrims Way, Bede Industrial Estate, JARROW, Tyne and Wear, NE32 3HG            Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department            Permit Reference: 046/6.5(A)            Dated: 18th June 1997            Process Type: Local Authority Air Pollution Control            Description: PG6/23 Coating of metal and plastic  <b>Status: Authorisation revokedRevoked</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A12NE (W)	474	4	434420 564924
34	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Reef Service Station            Location: Hudson Street, SOUTH SHIELDS, Tyne and Wear, NE34 0AA            Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department            Permit Reference: 071/1.4(B)            Dated: Not Supplied            Process Type: Local Authority Air Pollution Control            Description: PG1/14 Petrol filling station  <b>Status: Authorised</b>            Positional Accuracy: Manually positioned to the address or location</p>	A14NW (E)	633	4	435598 564912
35	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: South Tyneside MbcTransport Section            Location: Middlefields Depot, Throckley Way, Tyne Dock, SOUTH SHIELDS, Tyne and Wear, NE34 0NU            Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department            Permit Reference: 073/1.4(B)            Dated: Not Supplied            Process Type: Local Authority Air Pollution Control            Description: PG1/14 Petrol filling station  <b>Status: Application Not Yet Authorised</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A9NW (SE)	702	4	435575 564482
36	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Edmund Robson &amp; Co            Location: West Side, Tyne Dock, SOUTH SHIELDS, Tyne and Wear, NE34 9PJ            Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department            Permit Reference: 037/6.6(A)            Dated: Not Supplied            Process Type: Local Authority Pollution Prevention and Control            Description: PG6/2 Manufacture of timber and wood-based products  <b>Status: Permitted</b>            Positional Accuracy: Manually positioned to the address or location</p>	A18NE (N)	772	4	435001 565701

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	<b>Local Authority Pollution Prevention and Controls</b> Name: Be Modern Ltd Location: 19 Bede's Way, Bede Industrial Estate, JARROW, Tyne and Wear, NE32 3HQ Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department Permit Reference: STC/EPR/14 Dated: 15th July 1994 Process Type: Local Authority Pollution Prevention and Control Description: PG6/2 Manufacture of timber and wood-based products <b>Status: Permitted</b> Positional Accuracy: Manually positioned to the address or location	A12SW (W)	817	4	434088 564733
37	<b>Local Authority Pollution Prevention and Controls</b> Name: Be Modern Location: 19 Bede's Way, JARROW, Tyne and Wear, NE32 3HQ Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department Permit Reference: STC/EPR/14 Dated: 15th July 1994 Process Type: Local Authority Pollution Prevention and Control Description: PG6/33 Wood coating <b>Status: Permitted</b> Positional Accuracy: Manually positioned to the address or location	A12SW (W)	817	4	434088 564733
38	<b>Local Authority Pollution Prevention and Controls</b> Name: Elsy & Gibbons Location: Simonside Industrial Estate, SOUTH SHIELDS, Tyne and Wear, NE34 9PE Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department Permit Reference: 020/6.2 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/29 Di-isocyanate processes <b>Status: Authorisation revokedRevoked</b> Positional Accuracy: Manually positioned to the address or location	A7NW (SW)	823	4	434200 564400
39	<b>Local Authority Pollution Prevention and Controls</b> Name: Port Of Tyne Authority Location: Tyne Coal Terminal, Tyne Dock, SOUTH SHIELDS, NE34 0AB Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department Permit Reference: STC/EPR/011 Dated: 21st July 1993 Process Type: Local Authority Pollution Prevention and Control Description: PG3/5 Coal, coke and coal product processes <b>Status: Permitted</b> Positional Accuracy: Manually positioned to the address or location	A19NW (NE)	881	4	435361 565699
40	<b>Local Authority Pollution Prevention and Controls</b> Name: Be Modern Ltd Location: 19 Bede's Way, Bede Industrial Estate, JARROW, Tyne and Wear, NE32 3HQ Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department Permit Reference: STC/EPR/14 Dated: 15th 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 <b>Status: Permitted</b> Positional Accuracy: Manually positioned to the address or location	A12SW (W)	896	4	434006 564753
41	<b>Local Authority Pollution Prevention and Controls</b> Name: Tarmac Quarry Products (Eastern) Ltd Location: West Side, Tyne Dock, SOUTH SHIELDS, NE34 9PL Authority: South Tyneside Metropolitan Borough Council, Environmental Health Department Permit Reference: 034/3.5(E) Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG3/15 Mineral drying and roadstone coating processes <b>Status: Permitted</b> Positional Accuracy: Manually positioned to the address or location	A18NE (N)	909	4	435200 565800
	<b>Nearest Surface Water Feature</b>	A13NW (W)	13	-	434884 564893

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
42	<b>Pollution Incidents to Controlled Waters</b> Property Type: Industrial Premises Location: Bede Industrial Estate, JARROW Authority: Environment Agency, North East Region Pollutant: Not Given Note: River Don Estuary Incident Date: 14th October 1992 Incident Reference: 235/001574 Catchment Area: Not Given Receiving Water: No Pollution Cause of Incident: Industrial General Spillage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SW (W)	201	3	434700 564800
43	<b>Pollution Incidents to Controlled Waters</b> Property Type: Oil Storage Depot Location: JARROW Authority: Environment Agency, North East Region Pollutant: Not Given Note: River Don Incident Date: 27th November 1993 Incident Reference: 235/002181 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Other Oil Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A13NW (N)	285	3	434800 565200
44	<b>Pollution Incidents to Controlled Waters</b> Property Type: Other General Premises Location: JARROW Authority: Environment Agency, North East Region Pollutant: Not Given Note: River Don Incident Date: 29th April 1994 Incident Reference: 235/002328 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Other Oil Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NE (S)	437	3	435001 564401
45	<b>Pollution Incidents to Controlled Waters</b> Property Type: Other General Premises Location: TYNE DOCK Authority: Environment Agency, North East Region Pollutant: Not Given Note: Tyne Estuary Incident Date: 2nd December 1994 Incident Reference: 235/002546 Catchment Area: Not Given Receiving Water: No Pollution Cause of Incident: Oil Boat/Ship Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	628	3	435500 564500
46	<b>Pollution Incidents to Controlled Waters</b> Property Type: Construction/Demolition Location: Jarrow Slake Authority: Environment Agency, North East Region Pollutant: Not Given Note: Don Estuary Incident Date: 24th February 1994 Incident Reference: 235/002261 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Other Oil Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NW (W)	812	3	434100 565100
47	<b>Pollution Incidents to Controlled Waters</b> Property Type: Surface Water Sewers Location: Tyne Dock S/S Authority: Environment Agency, North East Region Pollutant: Not Given Note: Tyne Incident Date: 1st November 1990 Incident Reference: 235/000359 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A19NW (NE)	818	3	435400 565600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
48	<b>Pollution Incidents to Controlled Waters</b> Property Type: Miscellaneous Premises: Unknown Location: JARROW Authority: Environment Agency, North East Region Pollutant: Not Given Note: River Don (Estuary) Incident Date: 9th June 1994 Incident Reference: 235/002376 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	A17SW (NW)	875	3	434100 565300
49	<b>Pollution Incidents to Controlled Waters</b> Property Type: Other General Premises Location: Jarrow Slake Authority: Environment Agency, North East Region Pollutant: Not Given Note: Don Estuary Incident Date: 14th May 1994 Incident Reference: 235/002359 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	A12NW (W)	933	3	434000 565200
50	<b>Pollution Incidents to Controlled Waters</b> Property Type: Miscellaneous Premises: Unknown Location: Church Bank Authority: Environment Agency, North East Region Pollutant: Not Given Note: Don Incident Date: 11th August 1994 Incident Reference: 235/002453 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Other Oil Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SW (NW)	965	3	434000 565295
50	<b>Pollution Incidents to Controlled Waters</b> Property Type: Other General Premises Location: Church Bank Authority: Environment Agency, North East Region Pollutant: Not Given Note: Don Estuary Incident Date: 7th July 1994 Incident Reference: 235/002404 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	A17SW (NW)	967	3	434000 565300
51	<b>Substantiated Pollution Incident Register</b> Authority: Environment Agency - North East Region, North East Area Incident Date: 12th October 2005 Incident Reference: 352875 Water Impact: Category 4 - No Impact Air Impact: Category 2 - Significant Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Atmospheric Pollutants And Effects: Other Atmospheric Pollutant Or Effect	A7NE (SW)	748	3	434315 564366
52	<b>Substantiated Pollution Incident Register</b> Authority: Environment Agency - North East Region, North East Area Incident Date: 20th April 2006 Incident Reference: 392016 Water Impact: Category 4 - No Impact Air Impact: Category 4 - No Impact Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Inert Materials And Wastes: Soils And Clay Pollutant: Specific Waste Materials: Commercial Waste Pollutant: Specific Waste Materials: Contaminated Construction & Demolition Material & Waste Pollutant: Specific Waste Materials: Metal Wastes	A19NE (NE)	979	3	435623 565621

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
53	<b>Water Abstractions</b> Operator: Port Of Tyne Licence Number: Ne/023/0003/004 Permit Version: 1 Location: Port Of Tyne Authority: Environment Agency, North East Region Abstraction: Other Industrial/Commercial/Public Services: Dust Suppression Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 6th January 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	846	3	434488 565673
53	<b>Water Abstractions</b> Operator: Port Of Tyne Licence Number: Ne/023/0003/004 Permit Version: 1 Location: Port Of Tyne - Tidal Authority: Environment Agency, North East Region Abstraction: Other Industrial/Commercial/Public Services: Dust Suppression Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 6th January 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	846	3	434488 565673
	<b>Water Abstractions</b> Operator: Cemex Uk Materials Ltd Licence Number: Ne/023/0003/009 Permit Version: 1 Location: Tidal - Jarrow Wharf Authority: Environment Agency, North East Region Abstraction: Mineral Products: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 4th September 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NW (NW)	1805	3	433320 565815
	<b>Groundwater Vulnerability</b> 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	3	434927 564879
	<b>Drift Deposits</b> Drift Deposit: Low permeability drift deposits occurring at the surface and overlying Major and Minor Aquifers are head, clay-with-flints, brickearth, peat, river terrace deposits and marine and estuarine alluvium Map Sheet: Sheet 5 Tyne and Tees Scale: 1:100,000	A13SE (S)	0	3	434935 564832
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	A13SW (SE)	0	2	434927 564879
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	A13NW (NW)	0	2	434895 564895
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Unknown (Lakes and Landslip)	A13SW (SE)	0	2	434927 564879
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13SW (W)	0	3	434925 564879

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13SW (W)	0	3	434925 564879
	<b>Areas Benefiting from Flood Defences</b> None				
	<b>Flood Water Storage Areas</b> None				
	<b>Flood Defences</b> None				
	<b>Detailed River Network Lines</b> None				
	<b>Detailed River Network Offline Drainage</b> None				



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
54	<b>BGS Recorded Landfill Sites</b> Site Name: Tyne Dock Location: SOUTH SHIELDS, Tyne & Wear Authority: British Geological Survey, National Geoscience Information Service Ground Water: No threat to ground water Surface Water: No threat to surface water Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Good	A13NE (NE)	170	-	435106 564987
55	<b>Historical Landfill Sites</b> Licence Holder: Not Supplied Location: South Shields, Tyne and Wear Name: Port of Tyne Authority Operator Location: Bewick Street, Newcastle-Upon-Tyne Boundary Accuracy: As Supplied Provider Reference: EAHLD31785 First Input Date: 30th November 1969 Last Input Date: 31st January 1972 Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: 305 Other Ref: Not Supplied	A13NE (NE)	170	3	435106 564987
56	<b>Historical Landfill Sites</b> Licence Holder: Port Of Tyne Authority Location: South Shield, Tyne and Wear Name: Tyne Dock No.3 Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD06267 First Input Date: 30th June 1983 Last Input Date: 31st December 1987 Specified Waste: Deposited Waste included Inert, Industrial, Commercial and Household Waste Type: EA Waste Ref: 0 Regis Ref: YO1/L/POR004 WRC Ref: 4500/0102 BGS Ref: Not Supplied Other Ref: TW 107 ST, ST 035	A13NE (NE)	171	3	435097 565001
57	<b>Historical Landfill Sites</b> Licence Holder: Port Of Tyne Authority Location: Tyne Dock, South Shield, Tyne and Wear Name: Tyne Dock Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD06268 First Input Date: 22nd July 1977 Last Input Date: 31st December 1993 Specified Waste: Deposited Waste included Inert, Industrial, Commercial and Household Waste Type: EA Waste Ref: 0 Regis Ref: YO1/L/POR001 WRC Ref: 4500/0032 BGS Ref: Not Supplied Other Ref: ST 014, TW 024 ST	A13NE (NE)	171	3	435097 565001
58	<b>Historical Landfill Sites</b> Licence Holder: Port Of Tyne Authority Location: South Shield, Tyne and Wear Name: Tyne Dock Extension Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD06269 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Inert, Industrial, Commercial and Household Waste Type: EA Waste Ref: 0 Regis Ref: YO1/L/POR003 WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: TW 062 ST, ST 010	A13NE (NE)	171	3	435097 565001

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
59	<b>Historical Landfill Sites</b> Licence Holder: Port Of Tyne Authority Location: Jarrow, South Tyneside, Tyne and Wear Name: Jarrow Slake No.1 Operator Location: Bewick Street, Newcastle-Upon-Tyne Boundary Accuracy: As Supplied Provider Reference: EAHLD06290 First Input Date: 20th February 1987 Last Input Date: 31st March 1994 Specified Waste: Deposited Waste included Inert, Industrial, Commercial and Household Waste Type: EA Waste Ref: 0 Regis Ref: YO1/L/POR002 WRC Ref: 4500/0107 BGS Ref: Not Supplied Other Ref: ST 043, TW 154 ST, TW 020 ST, ST 015	A13NW (NW)	219	3	434770 565111
60	<b>Historical Landfill Sites</b> Licence Holder: Port Of Tyne Authority Location: Tyne Dock, South Shields, Tyne and Wear Name: Tyne Dock Landfill Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD06266 First Input Date: 31st December 1994 Last Input Date: Not Supplied Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 67586 Regis Ref: TWR/L/POR001 WRC Ref: 4500/0019 BGS Ref: Not Supplied Other Ref: TW 428 ST, ST 046	A18SE (N)	462	3	435111 565357
61	<b>Historical Landfill Sites</b> Licence Holder: Borough Of South Tyneside Location: South Shield, Tyne and Wear Name: Westway Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD06270 First Input Date: 31st December 1982 Last Input Date: 31st December 1983 Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: YO1/L/BOR017 WRC Ref: 4500/0294 BGS Ref: Not Supplied Other Ref: TW 106 ST, ST 036	A14NE (E)	869	3	435801 565123
62	<b>Licensed Waste Management Facilities (Landfill Boundaries)</b> Name: Tyne Dock Landfill Site Licence Number: 67586 Location: Tyne Dock, South Shields, Tyne & Wear, NE1 5HS Licence Holder: Port Of Tyne Authority Authority: Environment Agency - North East Region, Northumbria Area Site Category: Landfills Taking Non-biodegradeable Wastes (Not Construction) Max Input Rate: Large (Equal to or greater than 75,000 tonnes per year) <b>Licence Status:</b> Inactive Issued: 3rd June 1994 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A18SE (N)	454	3	435113 565347
63	<b>Licensed Waste Management Facilities (Locations)</b> Licence Number: 64050 Location: Land/premises At, Jarrow Road, Tyne Dock, South Shields, Tyne & Wear, NE34 9PP Operator Name: Durham County Waste Management Co Ltd Operator Location: Not Supplied Authority: Environment Agency - North East Region, North East Area Site Category: Composting <b>Licence Status:</b> Surrendered Issued: 18th December 2003 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 9th January 2012 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NW (N)	0	3	434918 564903

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
64	<b>Licensed Waste Management Facilities (Locations)</b> Licence Number: 67584 Location: Jarrow Road, South Shields, Tyne & Wear, NE34 9PP Operator Name: Durham County Waste Management Co Ltd Operator Location: Not Supplied Authority: Environment Agency - North East Region, North East Area Site Category: Household, Commercial And Industrial Transfer Stations <b>Licence Status: Surrendered</b> Issued: 27th January 1994 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 26th October 2010 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13NW (W)	96	3	434800 564900
65	<b>Licensed Waste Management Facilities (Locations)</b> Licence Number: 0 Location: Phase 3, South Shields, Tyne & Wear Operator Name: Port Of Tyne Authority Operator Location: Bewick Street, Newcastle Upon Tyne, Tyne & Wear, NE Authority: Environment Agency - North East Region, Northumbria Area Site Category: Household, Commercial And Industrial Waste Landfills <b>Licence Status: Surrendered</b> Issued: 22nd June 1983 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 30th April 1994 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	314	3	435200 565100
65	<b>Licensed Waste Management Facilities (Locations)</b> Licence Number: 64502 Location: Phase 3, South Shields, Tyne & Wear Operator Name: Port of Tyne Authority Operator Location: Not Supplied Authority: Environment Agency - North East Region, North East Area Site Category: Household, Commercial And Industrial Waste Landfills <b>Licence Status: Surrendered</b> Issued: 22nd June 1983 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 30th April 1994 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	314	3	435200 565100
65	<b>Licensed Waste Management Facilities (Locations)</b> Licence Number: 0 Location: South Shields, Tyne & Wear, NE33 Operator Name: Port Of Tyne Authority Operator Location: Bewick Street, Newcastle Upon Tyne, Tyne & Wear, NE1 5HS Authority: Environment Agency - North East Region, Northumbria Area Site Category: Household, Commercial And Industrial Waste Landfills <b>Licence Status: Surrendered</b> Issued: 2nd June 1981 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	A13NE (NE)	314	3	435200 565100
65	<b>Licensed Waste Management Facilities (Locations)</b> Licence Number: 64467 Location: South Shields, Tyne & Wear, NE33 Operator Name: Port of Tyne Authority Operator Location: Not Supplied Authority: Environment Agency - North East Region, North East Area Site Category: Household, Commercial And Industrial Waste Landfills <b>Licence Status: Surrendered</b> Issued: 2nd June 1981 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	A13NE (NE)	314	3	435200 565100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
65	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: 0            Location: Tyne Dock, South Shields, Tyne &amp; Wear            Operator Name: Port Of Tyne Authority            Operator Location: Bewick Street, Newcastle Upon Tyne, Tyne &amp; Wear, NE1 5HS            Authority: Environment Agency - North East Region, Northumbria Area            Site Category: Household, Commercial And Industrial Waste Landfills  <b>Licence Status: Surrendered</b>            Issued: 21st July 1977            Last Modified: Not Supplied            Expires: Not Supplied            Suspended: Not Supplied            Revoked: Not Supplied            Surrendered: 31st March 1994            IPPC Reference: Not Supplied            Positional Accuracy: Located by supplier to within 100m</p>	A13NE (NE)	314	3	435200 565100
65	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: 64437            Location: Tyne Dock, South Shields, Tyne &amp; Wear            Operator Name: Port of Tyne Authority            Operator Location: Not Supplied            Authority: Environment Agency - North East Region, North East Area            Site Category: Household, Commercial And Industrial Waste Landfills  <b>Licence Status: Surrendered</b>            Issued: 21st July 1977            Last Modified: Not Supplied            Expires: Not Supplied            Suspended: Not Supplied            Revoked: Not Supplied            Surrendered: 31st March 1994            IPPC Reference: Not Supplied            Positional Accuracy: Located by supplier to within 100m</p>	A13NE (NE)	314	3	435200 565100
66	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: 67444            Location: Factory B T 19/5, Pilgrims Way, Bede Industrial Estate, Jarrow, Tyne &amp; Wear, NE32 3HG            Operator Name: Durham County Waste Management Co Ltd            Operator Location: Not Supplied            Authority: Environment Agency - North East Region, North East Area            Site Category: Household, Commercial And Industrial Transfer Stations  <b>Licence Status: Surrendered</b>            Issued: 4th July 1984            Last Modified: Not Supplied            Expires: Not Supplied            Suspended: Not Supplied            Revoked: Not Supplied            Surrendered: 17th May 2001            IPPC Reference: Not Supplied            Positional Accuracy: Located by supplier to within 100m</p>	A12NE (W)	395	3	434500 564900
67	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: 67540            Location: Middlefields Transfer Station, Hudson Street, Tyne Dock, South Shields, Tyne &amp; Wear, NE34 0NT            Operator Name: Sita U K Ltd            Operator Location: Not Supplied            Authority: Environment Agency - North East Region, North East Area            Site Category: Household, Commercial And Industrial Transfer Stations  <b>Licence Status: Modified</b>            Issued: 25th March 1993            Last Modified: 9th January 2013            Expires: Not Supplied            Suspended: Not Supplied            Revoked: Not Supplied            Surrendered: Not Supplied            IPPC Reference: Not Supplied            Positional Accuracy: Located by supplier to within 100m</p>	A14SW (E)	452	3	435400 564700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
67	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: 67541            Location: Middlefields Waste Reception Site, Hudson Street, South Shields, Tyne &amp; Wear, NE34 0NT            Operator Name: Sita U K Ltd            Operator Location: Not Supplied            Authority: Environment Agency - North East Region, North East Area            Site Category: Household Waste Amenity Sites  <b>Licence Status: Modified</b>            Issued: 25th March 1993            Last Modified: 14th January 2013            Expires: Not Supplied            Suspended: Not Supplied            Revoked: Not Supplied            Surrendered: Not Supplied            IPPC Reference: Not Supplied            Positional Accuracy: Located by supplier to within 100m</p>	A14SW (E)	452	3	435400 564700
68	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: 102509            Location: Windmill Waste Management M R F, Middlefields Depot, Heddon Way, South Shields, Tyne &amp; Wear, NE34 0NT            Operator Name: Windmill Sustainable Business Solutions Ltd            Operator Location: Not Supplied            Authority: Environment Agency - North East Region, North East Area            Site Category: Materials Recycling Facility  <b>Licence Status: Surrendered</b>            Issued: 16th May 2011            Last Modified: Not Supplied            Expires: Not Supplied            Suspended: Not Supplied            Revoked: Not Supplied            Surrendered: 4th August 2015            IPPC Reference: Not Supplied            Positional Accuracy: Located by supplier to within 10m</p>	A14SW (E)	523	3	435492 564804
69	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: 0            Location: Jarrow, Tyne &amp; Wear            Operator Name: Port Of Tyne Authority            Operator Location: Bewick Street, Newcastle Upon Tyne, Tyne &amp; Wear, NE1 5HS            Authority: Environment Agency - North East Region, Northumbria Area            Site Category: Household, Commercial And Industrial Waste Landfills  <b>Licence Status: Surrendered</b>            Issued: 14th June 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>	A17SE (NW)	612	3	434500 565400
69	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: 64440            Location: Jarrow, Tyne &amp; Wear            Operator Name: Port of Tyne Authority            Operator Location: Not Supplied            Authority: Environment Agency - North East Region, North East Area            Site Category: Household, Commercial And Industrial Waste Landfills  <b>Licence Status: Surrendered</b>            Issued: 14th June 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>	A17SE (NW)	612	3	434500 565400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
70	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: 64129            Location: Land/premises At, Shaftsbury Avenue, Simonside Industrial Est, South Shields, Tyne &amp; Wear, NE34 9PH            Operator Name: Biffa Waste Services Ltd            Operator Location: Not Supplied            Authority: Environment Agency - North East Region, North East Area            Site Category: Household, Commercial And Industrial Transfer Stations  <b>Licence Status: Issued</b>            Issued: 31st January 2005            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 10m</p>	A8NW (SW)	630	3	434640 564259
71	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: 300004            Location: Navigation House, Tyne Dock, South Shields, Tyne &amp; Wear, NE34 0AB            Operator Name: Sivex Engineering Ltd            Operator Location: Not Supplied            Authority: Environment Agency - North East Region, North East Area            Site Category: Mobile Plant  <b>Licence Status: Issued</b>            Issued: 8th January 2008            Last Modified: Not Supplied            Expires: Not Supplied            Suspended: Not Supplied            Revoked: Not Supplied            Surrendered: Not Supplied            IPPC Reference: Not Supplied            Positional Accuracy: Manually positioned to the address or location</p>	A14NE (E)	669	3	435608 565073
71	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: 20094            Location: Mobile Plant, Navigation House, Port Of Tyne, South Shields, Tyne &amp; Wear, NE34 0AB            Operator Name: Sivex Engineering Limited            Operator Location: Not Supplied            Authority: Environment Agency - North East Region, North East Area            Site Category: Mobile Plant  <b>Licence Status: Expired</b>            Issued: 28th September 2005            Last Modified: 30th June 2006            Expires: Not Supplied            Suspended: Not Supplied            Revoked: Not Supplied            Surrendered: Not Supplied            IPPC Reference: Not Supplied            Positional Accuracy: Not Supplied</p>	A14NE (E)	669	3	435608 565073
72	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: 67586            Location: Tyne Dock, South Shields, Tyne &amp; Wear, NE1 5HS            Operator Name: Port of Tyne Authority            Operator Location: Not Supplied            Authority: Environment Agency - North East Region, North East Area            Site Category: Landfills Taking Non-biodegradable Wastes (Not Construction)  <b>Licence Status: Surrendered</b>            Issued: 3rd June 1994            Last Modified: Not Supplied            Expires: Not Supplied            Suspended: Not Supplied            Revoked: Not Supplied            Surrendered: 14th June 2005            IPPC Reference: Not Supplied            Positional Accuracy: Located by supplier to within 100m</p>	A19SW (NE)	679	3	435300 565500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
73	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: 103106            Location: Tyne Dock, South Shields, Tyne &amp; Wear, NE34 9PT            Operator Name: Port Of Tyne Authority            Operator Location: Not Supplied            Authority: Environment Agency - North East Region, North East Area            Site Category: Use of waste in construction &lt;100,000 tps  <b>Licence Status: Issued</b>            Issued: 27th February 2012            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 10m</p>	A18SE (NE)	703	3	435262 565551
74	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: 0            Location: Jarrow, Tyne &amp; Wear            Operator Name: Port Of Tyne Authority            Operator Location: Bewick Street, Newcastle Upon Tyne, Tyne &amp; Wear, NE1 5HS            Authority: Environment Agency - North East Region, Northumbria Area            Site Category: Household, Commercial And Industrial Waste Landfills  <b>Licence Status: Surrendered</b>            Issued: 23rd February 1987            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>	A17SE (NW)	757	3	434300 565400
74	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: 64536            Location: Jarrow, Tyne &amp; Wear            Operator Name: Port of Tyne Authority            Operator Location: Not Supplied            Authority: Environment Agency - North East Region, North East Area            Site Category: Household, Commercial And Industrial Waste Landfills  <b>Licence Status: Surrendered</b>            Issued: 23rd February 1987            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>	A17SE (NW)	757	3	434300 565400
75	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: 64149            Location: Land/premises At, Throckley Way, Middlefields Ind Est, South Shields, Tyne &amp; Wear, NE34 ONU            Operator Name: Sita U K Ltd            Operator Location: Not Supplied            Authority: Environment Agency - North East Region, North East Area            Site Category: Household Waste Amenity Sites  <b>Licence Status: Transferred</b>            Issued: 21st July 2005            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</p>	A9NW (SE)	828	3	435600 564300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
76	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: 67524            Location: Throckley Way, Middlefields Ind Est, South Shields, Tyne &amp; Wear, NE34 0NU            Operator Name: British Gas Plc ( Northern )            Operator Location: Not Supplied            Authority: Environment Agency - North East Region, North East Area            Site Category: Transfer Stations Taking Non-biodegradable Wastes  <b>Licence Status: Surrendered</b>            Issued: 5th November 1992            Last Modified: 1st May 1994            Expires: Not Supplied            Suspended: Not Supplied            Revoked: Not Supplied            Surrendered: 1st August 1996            IPPC Reference: Not Supplied            Positional Accuracy: Located by supplier to within 100m</p>	A9SW (SE)	829	3	435500 564200
77	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: 0            Location: Unit 4, Evans Road, Templetown, South Shields, Tyne &amp; Wear, NE33 5SH            Operator Name: Partco Autoparts Ltd            Operator Location: Lea Francis House, Station Road, Balsall Common, Coventry, West Midlands, CV7 7FD            Authority: Environment Agency - North East Region, Northumbria Area            Site Category: Special Waste Transfer Stations  <b>Licence Status: Surrendered</b>            Issued: 3rd August 1992            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 10m</p>	A19SE (NE)	853	3	435610 565450
77	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: 64425            Location: Unit 4, Evans Road, Templetown, South Shields, Tyne &amp; Wear, NE33 5SH            Operator Name: Partco Autoparts Ltd            Operator Location: Not Supplied            Authority: Environment Agency - North East Region, North East Area            Site Category: Special Waste Transfer Stations  <b>Licence Status: Surrendered</b>            Issued: 3rd August 1992            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 10m</p>	A19SE (NE)	853	3	435610 565450
78	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: 67516            Location: 3 Mitre Place , Templetown, South Shields, Tyne &amp; Wear, NE33 5TB            Operator Name: Birbeck James            Operator Location: 6 , Cleadon Village, Sunderland, Tyne &amp; Wear, SR6 7PW            Authority: Environment Agency - North East Region, Northumbria Area            Site Category: Metal Recycling Sites (Vehicle Dismantlers)  <b>Licence Status: Modified</b>            Issued: 21st April 1994            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</p>	A19SW (NE)	879	3	435600 565500



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
78	<b>Licensed Waste Management Facilities (Locations)</b> Licence Number: 67516 Location: Land/premises At, Mitre Place, Templetown, South Shields, Tyne & Wear, NE33 5TB Operator Name: Sweeting Neil Operator Location: Not Supplied Authority: Environment Agency - North East Region, North East Area Site Category: Metal Recycling Sites (Vehicle Dismantlers) <b>Licence Status: Transferred</b> Issued: 21st April 1994 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	A19SW (NE)	879	3	435600 565500
79	<b>Licensed Waste Management Facilities (Locations)</b> Licence Number: 67499 Location: Cumberland House, Mitre Place, Templetown, South Shields, Tyne & Wear, NE33 5BX Operator Name: G D Metal Recycling Ltd Operator Location: Albert Works, Kenninghall Road, Edmonton, London, N18 2PD Authority: Environment Agency - North East Region, Northumbria Area Site Category: Metal Recycling Sites (Mixed) <b>Licence Status: Transferred</b> Issued: 29th March 1992 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	A19NW (NE)	947	3	435600 565600
79	<b>Licensed Waste Management Facilities (Locations)</b> Licence Number: 67499 Location: Cumberland House, Mitre Place, Templetown, South Shields, Tyne & Wear, NE33 5TB Operator Name: Van Dalen U K Ltd Operator Location: Not Supplied Authority: Environment Agency - North East Region, North East Area Site Category: Metal Recycling Sites (Mixed) <b>Licence Status: Surrendered</b> Issued: 29th March 1992 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 20th September 2013 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A19NW (NE)	947	3	435600 565600
	<b>Local Authority Landfill Coverage</b> Name: South Tyneside Metropolitan Borough Council - Has no landfill data to supply		0	5	434927 564879
80	<b>Potentially Infilled Land (Non-Water)</b> Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A12SE (SW)	656	-	434295 564578
81	<b>Potentially Infilled Land (Non-Water)</b> Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A19SE (NE)	755	-	435610 565282
82	<b>Potentially Infilled Land (Non-Water)</b> Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1987	A9NE (SE)	859	-	435689 564368
83	<b>Potentially Infilled Land (Non-Water)</b> Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A19SW (NE)	885	-	435557 565555
84	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1862	A13SW (SE)	0	-	434927 564879

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
85	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13SW (W)	24	-	434871 564874
86	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13SW (W)	143	-	434756 564823
87	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1898	A13NW (N)	145	-	434855 565071
88	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13NW (N)	201	-	434851 565127
89	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1862	A13SW (W)	279	-	434620 564842
90	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13NW (NW)	353	-	434598 565123
91	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A12NE (NW)	418	-	434533 565142
92	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A8NE (S)	457	-	435027 564384
93	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1952	A8NW (S)	459	-	434849 564375
94	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1862	A8NW (S)	485	-	434867 564348
95	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1862	A8NW (SW)	502	-	434707 564370
96	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1898	A12SE (W)	509	-	434390 564835
97	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1862	A8NW (SW)	516	-	434696 564359
98	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1862	A14SW (SE)	519	-	435457 564659
99	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A12SE (W)	525	-	434379 564765
100	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1862	A12SE (W)	531	-	434368 564852
101	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1898	A12SE (W)	532	-	434385 564697
102	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1898	A18SW (N)	568	-	434834 565496
103	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1862	A14NW (E)	581	-	435543 564950
104	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1862	A12NE (NW)	601	-	434329 565138
105	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1862	A14NW (E)	606	-	435527 565117

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
106	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1862	A12SE (W)	608	-	434291 564848
107	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A12SE (W)	623	-	434283 564737
108	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1862	A12SE (W)	637	-	434262 564823
109	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1862	A7NE (SW)	688	-	434317 564467
110	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1862	A12NW (W)	708	-	434191 565014
111	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1952	A7NE (SW)	725	-	434454 564262
112	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1862	A12SW (W)	751	-	434146 564863
113	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1898	A14NE (E)	761	-	435666 565185
114	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1898	A8SW (S)	851	-	434723 563999
115	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1862	A12NW (W)	879	-	434022 565043
116	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1862	A12NW (W)	907	-	434028 565203
117	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A12SW (W)	966	-	433932 564831
118	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1898	A14NE (E)	970	-	435883 565201
119	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A15SW (E)	976	-	435945 564867

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
120	<p><b>Registered Landfill Sites</b></p> <p>Licence Holder: Port Of Tyne Authority            Licence Reference: TW 62 ST            Site Location: Tyne Dock Ext. (Phase 5 &amp; 6), South Shields, Tyne And Wear            Licence Easting: 435200            Licence Northing: 565100            Operator Location: Bewick Street, NEWCASTLE UPON TYNE, Tyne and Wear, NE1 5HS            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: 2nd June 1981            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: Inert Non-Soluble Waste            Tyne &amp; Wear A, Renfrew A. *            Tyne &amp; Wear B, Renfrew B. *            Tyne And Wear C, Renfrew C *            Tyne And Wear D I, Renfrew D I, *            Tyne And Wear D li, Renfrew D li, *            Prohibited Waste: Biodegradable/Putrescible Waste            Paper/Cardboard Waste            Plastic/Polythene (Including Sacks)</p>	A13NE (NE)	314	3	435200 565100
121	<p><b>Registered Landfill Sites</b></p> <p>Licence Holder: Port Of Tyne Auth            Licence Reference: TW 107 ST            Site Location: Tyne Dock (Phase 3), South Shields, Tyne And Wear            Licence Easting: 435200            Licence Northing: 565200            Operator Location: Bewick Street, NEWCASTLE UPON TYNE, Tyne and Wear, NE1 5HS            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: 22nd June 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: Rock From Excavated Clay Stratum            Tyne &amp; Wear A, Renfrew A. *            Tyne And Wear C, Renfrew C *            Tyne And Wear D I, Renfrew D I, *            Tyne And Wear D li, Renfrew D li, *            Tyne And Wear E, Renfrew E, *            Tyne And Wear F, Renfrew F *            Prohibited Waste: Biodegradable/Putrescible Waste            Paper/Cardboard Waste            Plastic/Polythene (Including Sacks)</p>	A13NE (NE)	382	3	435200 565200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
121	<p><b>Registered Landfill Sites</b></p> <p>Licence Holder: Port Of Tyne Authority            Licence Reference: TW 24 ST            Site Location: Tyne Dock, South Shields, Tyne And Wear            Licence Easting: 435250            Licence Northing: 565200            Operator Location: As Site Address            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: Waste produced/controlled by licence holder            Restrictions:            Status: Licence known to be surrenderedSurrendered            Dated: 21st July 1977            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- Stated            Tyne &amp; Wear B.-Dom/Com/Ind. *            Tyne And Wear C -Rubble *            Tyne And Wear Di -Coh.Inorg *            Tyne And Wear Dii -Coh.Inorg *            Tyne And Wear E -Fricl.Inorg *            Tyne And Wear F -Incin.Res *            Prohibited Waste: Paper            Plastics            Putrescible Waste</p>	A13NE (NE)	419	3	435250 565200
122	<p><b>Registered Landfill Sites</b></p> <p>Licence Holder: Port Of Tyne Authority            Licence Reference: TW 428 ST            Site Location: Tyne Dock Landfill Site, South Shields, Tyne And Wear            Licence Easting: 435300            Licence Northing: 565500            Operator Location: Bewick Street, NEWCASTLE UPON TYNE, Tyne and Wear, NE1 5HS            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: Site not yet started            Dated: 3rd June 1994            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: Brick,Broken Conc',Plaster,Slate,Tile            Max.Waste Permitted By Licence            Sub/Topsoil,Sand,Clay,Shale,Rock            Prohibited Waste: Asbestos            Oils &amp; Tars At &gt; 0.1% W/W            Readily Biodegradable Waste            Spec.Waste (Epa'90:S62/1996 Regs)            Steel            Timber, Board            Toxic Metal Compounds            Waste Cont. Phenols At &gt; 1 Ppm            Waste Cont. Sulphate At &gt; 0.2%W/W            Waste Cont. Sulphide At &gt; 10 Ppm            Waste Cont. Total Cyanide At &gt; 5 Ppm</p>	A19SW (NE)	679	3	435300 565500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
123	<p><b>Registered Landfill Sites</b></p> <p>Licence Holder: Port Of Tyne Authority            Licence Reference: TW 20 ST            Site Location: Jarrow Slake, Jarrow, Tyne And Wear            Licence Easting: 434500            Licence Northing: 565500            Operator Location: As Site Address            Authority: Environment Agency - North East Region, Northumbria Area            Site Category: Landfill            Max Input Rate: Undefined            Waste Source: No known restriction on source of waste            Restrictions:            Status: Licence known to be surrenderedSurrendered            Dated: 14th June 1977            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 &amp; Wear B.-Dom/Com/Ind. *            Tyne And Wear C.-Rubble *            Tyne And Wear Di.-Coh.Inorg *            Tyne And Wear Dii.-Coh.Inorg *            Tyne And Wear E.-FRICT.Inorg *            Tyne And Wear F.-Incin.Res *</p> <p>Prohibited Waste            Paper            Plastics            Putrescible Waste</p>	A17SE (NW)	692	3	434500 565500
124	<p><b>Registered Landfill Sites</b></p> <p>Licence Holder: Port Of Tyne Authority            Licence Reference: TW 154 ST            Site Location: Jarrow Slake (2), Jarrow, Tyne And Wear            Licence Easting: 434300            Licence Northing: 565400            Operator Location: Bewick Street, NEWCASTLE UPON TYNE, Tyne and Wear, NE1 5HS            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 1987            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 *            Tyne And Wear, Renfrew F.-Incin.Res *</p>	A17SE (NW)	757	3	434300 565400
125	<p><b>Registered Landfill Sites</b></p> <p>Licence Holder: Borough Of South Tyneside            Licence Reference: TW 106 ST            Site Location: West Way / Woodside Way, South Shields, Tyne And Wear            Licence Easting: 435850            Licence Northing: 565150            Operator Location: As Site Address            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- Stated            Rock            Tyne And Wear C.-Rubble *            Tyne And Wear Di.-Coh.Inorg *            Tyne And Wear Dii.-Coh.Inorg *            Tyne And Wear E.-FRICT.Inorg *</p>	A14NE (E)	923	3	435850 565150

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
126	<p><b>Registered Waste Transfer Sites</b></p> <p>Licence Holder: Durham Waste Management Co Ltd  Licence Reference: TW 423 ST  Site Location: Jarrow Road, SOUTH SHIELDS, Tyne and Wear, NE34 9PP  Operator Location: Suite 4; Abbey House, Abbey Woods Business Park, Pity Me, DURHAM, County Durham, DH1 5TH  Authority: Environment Agency - North East Region, Northumbria Area  Site Category: Transfer  Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year)  Waste Source: No known restriction on source of waste  Restrictions:  Licence Status: Operational as far as is knownOperational  Dated: 27th January 1994  Preceded By: Not Given  Licence:  Superseded By: Not Given  Licence:  Positional Accuracy: Approximate location provided by supplier  Boundary Quality: Not Supplied  Authorised Waste: Boiler Ash  Brick, Concrete, Stone, Plaster, Slate,  Brick, Stone, Concrete Ex Demol. Mstor  Excav. Top/Subsoils Mstor  Floor Sweepings  Foundry Sand  Glass, Ceramics, Plastics  Max. Waste Permitted By Licence  Paper/Board Waste  Sawdust  Steel/Iron  Timber  Prohibited Waste: Clinical Wastes  Filter Cakes/Sludges  Food Waste  Spec. Waste (Epa'90:S62/1996 Regs)  Waste N.O.S.</p>	A13NW (W)	96	3	434800 564900
127	<p><b>Registered Waste Transfer Sites</b></p> <p>Licence Holder: Durham County Waste Management Ltd  Licence Reference: TW 125 ST  Site Location: Factory B T 19/5 Pilgrims Way, Bede Industrial Estate, JARROW, Tyne and Wear, NE32 3HG  Operator Location: Aykley Heads Business Centre, Aykley Heads, DURHAM, County Durham, DH1 5TS  Authority: Environment Agency - North East Region, Northumbria Area  Site Category: Transfer  Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year)  Waste Source: No known restriction on source of waste  Restrictions:  Licence Status: Licence has completion certificateSurrendered  Dated: 4th June 1984  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: Tyne And Wear C, Renfrew C *  Tyne And Wear D I, Renfrew D I, *  Tyne And Wear D II, Renfrew D II, *  Tyne And Wear E, Renfrew E, *  Prohibited Waste: Spec. Waste (Epa'90:S62/1996 Regs)</p>	A12SE (W)	479	3	434420 564850

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
128	<p><b>Registered Waste Transfer Sites</b></p> <p>Licence Holder: Durham County Waste Management Co Ltd            Licence Reference: TW 347 ST            Site Location: Middlefields W.R.Site, Hudson Street, SOUTH SHIELDS, Tyne and Wear, NE34            Operator Location: Suite 4 Abbey House, Abbey Woods Business Park, Pity Me, Durham, County Durham, Dh1 5th            Authority: Environment Agency - North East Region, Northumbria Area            Site Category: Civic Amenity            Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year)            Waste Source: No known restriction on source of waste            Restrictions:            Licence Status: Operational as far as is knownOperational            Dated: 25th March 1993            Preceded By: Not Given            Licence:            Superseded By: Not Given            Licence:            Positional Accuracy: Manually positioned to the address or location            Boundary Quality: Not Supplied            Authorised Waste: Household Waste Incl.            Max.Waste Permitted By Licence            Used Vehicle Engine Lubricating Oil            Prohibited Waste: Clinical Wastes            Spec.Waste (Epa'90:S62/1996 Regs)            Waste N.O.S.</p>	A14SW (E)	501	3	435450 564695
129	<p><b>Registered Waste Transfer Sites</b></p> <p>Licence Holder: South Tyneside M.B.C.            Licence Reference: TW9 32 ST            Site Location: Middlefields C.A. Site, Middlefields, South Shields, Tyne And Wear            Operator Location: Middlefields, South Shields, Tyne And Wear            Authority: Environment Agency - North East Region, Northumbria Area            Site Category: Civic Amenity            Max Input Rate: Undefined            Waste Source: No known restriction on source of waste            Restrictions:            Licence Status: Record supersededSuperseded            Dated: 1st August 1990            Preceded By: Not Given            Licence:            Superseded By: Not Given            Licence:            Positional Accuracy: Manually positioned to the address or location            Boundary Quality: Not Supplied            Authorised Waste: Civic Amenity/Refuse Amenity Waste            Licenced Wastes Not To Hand</p>	A14SW (E)	532	3	435500 564800
130	<p><b>Registered Waste Transfer Sites</b></p> <p>Licence Holder: British Gas Plc (Northern)            Licence Reference: TW 314 ST            Site Location: Throckley Way, Middlefields Industrial Estate, SOUTH SHIELDS, Tyne and Wear, NE34 0NU            Operator Location: Benfield House, Benfield Road, NEWCASTLE UPON TYNE, Tyne and Wear, NE99 1NA            Authority: Environment Agency - North East Region, Northumbria Area            Site Category: Transfer            Max Input Rate: Very Small (Less than 10,000 tonnes per year)            Waste Source: Waste produced/controlled by licence holder            Restrictions:            Licence Status: Licence has completion certificateSurrendered            Dated: 5th November 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: Difficult Wastes (As In Application)            Excav. Wastes From Const/Repair Work            Max.Waste Permitted By Licence            Prohibited Waste: Waste N.O.S.</p>	A9NW (SE)	688	3	435570 564500



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
131	<p><b>Registered Waste Transfer Sites</b></p> <p>Licence Holder: Partco Autoparts Ltd  Licence Reference: TW 300 SL  Site Location: Unit 4 Evans Road, Templeton, SOUTH SHIELDS, Tyne and Wear, NE33 5SH  Operator Location: Lea Francis House, Station Road, Balsall Common, COVENTRY, West Midlands, CV7 7FD  Authority: Environment Agency - North East Region, Northumbria Area  Site Category: Transfer  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: 3rd August 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: And Thinners  Max.Storage In Licence  Waste Cellulose Paint  Prohibited Waste: Waste N.O.S.</p>	A19SW (NE)	879	3	435600 565500
132	<p><b>Registered Waste Treatment or Disposal Sites</b></p> <p>Licence Holder: Durham County Waste Management Co Ltd  Licence Reference: TW 346 ST  Site Location: Middlefields Transfer Station, Hudson Street, SOUTH SHIELDS, Tyne and Wear, NE34  Operator Location: Aykley Heads Business Centre, Aykley Heads, DURHAM, County Durham, DH1 5TS  Authority: Environment Agency - North East Region, Northumbria Area  Site Category: Transfer - with Baling(compaction)  Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year)  Waste Source: No known restriction on source of waste  Restrictions:  Licence Status: Operational as far as is knownOperational  Dated: 25th March 1993  Preceded By: TW9 30 ST  Licence:  Superseded By: Not Given  Licence:  Positional Accuracy: Manually positioned to the address or location  Boundary Quality: Not Supplied  Authorised Waste: Animal Carcasses  Bonded Asbestos-Cement Waste  Cans For Recycling  Clinical Wastes  House, Com + Ind.Waste  Max.Waste Permitted By Licence  Prohibited Waste: Carcass Contam.With Infectious Disease  Spec.Waste (Epa'90:S62/1996 Regs)N.O.S  Waste N.O.S.</p>	A14SW (E)	532	3	435500 564800
132	<p><b>Registered Waste Treatment or Disposal Sites</b></p> <p>Licence Holder: South Tyneside M.B.C.  Licence Reference: TW9 30 ST  Site Location: Middlefields Baling Plant, Middlefields, South Shields, Tyne And Wear  Operator Location: Library Buildings, Prince George Square, SOUTH SHIELDS, Tyne and Wear, NE34 0NL  Authority: Environment Agency - North East Region, Northumbria Area  Site Category: Baling - Compaction  Max Input Rate: Undefined  Waste Source: No known restriction on source of waste  Restrictions:  Licence Status: Record supersededSuperseded  Dated: 1st August 1990  Preceded By: Not Given  Licence:  Superseded By: TW 346 ST  Licence:  Positional Accuracy: Manually positioned to the address or location  Boundary Quality: Not Supplied  Authorised Waste: Licenced Wastes Not To Hand  Local Authority Collected Waste</p>	A14SW (E)	532	3	435500 564800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
132	<p><b>Registered Waste Treatment or Disposal Sites</b></p> <p>Licence Holder: Borough Of South Tyneside            Licence Reference: TW9 9 ST            Site Location: Middlefields, South Shields, Tyne And Wear            Operator Location: Hudson Street, Tyne Dock, SOUTH SHIELDS, Tyne and Wear, NE34 ONL            Authority: Environment Agency - North East Region, Northumbria Area            Site Category: Incineration            Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year)            Waste Source: No known restriction on source of waste            Restrictions:            Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled            Dated: Not Supplied            Preceded By: Not Given            Licence:            Superseded By: Not Given            Licence:            Positional Accuracy: Approximate location provided by supplier            Boundary Quality: Not Supplied            Authorised Waste: House, Com + Ind.Waste</p>	A14SW (E)	532	3	435500 564800
133	<p><b>Registered Waste Treatment or Disposal Sites</b></p> <p>Licence Holder: J Birbeck            Licence Reference: TW 299 ST            Site Location: Plot 3 Mitre Place, Templeton, SOUTH SHIELDS, Tyne and Wear, NE33 5TB            Operator Location: 6 Heather Close, Cleadon Village, SUNDERLAND, Tyne and Wear, SR6 7PW            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: 21st April 1994            Preceded By: Not Given            Licence:            Superseded By: Not Given            Licence:            Positional Accuracy: Approximate location provided by supplier            Boundary Quality: Not Supplied            Authorised Waste: Motor Vehicles &amp; Assoc.Parts            Prohibited Waste: Spec.Waste (Epa'90:S62/1996 Regs)N.O.S            Waste N.O.S.</p>	A19SW (NE)	879	3	435600 565500
134	<p><b>Registered Waste Treatment or Disposal Sites</b></p> <p>Licence Holder: Charles Newton Ltd Charles Newton Scrapmetals            Licence Reference: TW 275 ST            Site Location: Cumberland House, Mitre Place, Templetown, SOUTH SHIELDS, Tyne and Wear, NE33 5BX            Operator Location: As Site Address            Authority: Environment Agency - North East Region, Northumbria Area            Site Category: Scrapyard            Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year)            Waste Source: No known restriction on source of waste            Restrictions:            Licence Status: Site Closed            Dated: 23rd March 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            Medical (Misuse Of Drugs Act)            Percussive/Explosive Waste            Radioactive Wastes            Spec.Waste (Epa'90:S62/1996 Regs)</p>	A19NW (NE)	940	3	435600 565590

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
135	<p><b>Registered Waste Treatment or Disposal Sites</b></p> <p>Licence Holder: W &amp; M Thompson Earthworks Ltd            Licence Reference: TW 230 ST            Site Location: Jarrow Slake (Thompsons), Jarrow, Tyne And Wear            Operator Location: Princess Way, LOW PRUDHOE, Northumberland, NE42 6PL            Authority: Environment Agency - North East Region, Northumbria Area            Site Category: Treatment            Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year)            Waste Source: No known restriction on source of waste            Restrictions:            Licence Status: Licence known to be surrenderedSurrendered            Dated: 7th February 1991            Preceded By: Not Given            Licence:            Superseded By: Not Given            Licence:            Positional Accuracy: Approximate location provided by supplier            Boundary Quality: Not Supplied            Authorised Waste: Clean Concrete/Hardcore Ex Demol/Civil Eng.</p>	A17NW (NW)	964	3	434200 565600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
136	<b>Explosive Sites</b> Name: Tyne And Wear/Port Of Tyne Authority Location: , , , T&W, ,Gbr <b>Status:</b> <b>Active</b> Positional Accuracy: Manually positioned within the geographical locality	A18SE (N)	502	6	435061 565417

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS 1:625,000 Solid Geology</b> Description: Pennine Middle Coal Measures Formation And South Wales Middle Coal Measures Formation (Undifferentiated)	A13SW (SE)	0	2	434927 564879
	<b>BGS Estimated Soil Chemistry</b> 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: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SW (SE)	0	2	434927 564879
	<b>BGS Estimated Soil Chemistry</b> 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: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13NW (NW)	0	2	434895 564907
	<b>BGS Estimated Soil Chemistry</b> 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: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (NW)	1	2	434895 564895
	<b>BGS Estimated Soil Chemistry</b> 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: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SW (S)	7	2	434925 564823
	<b>BGS Estimated Soil Chemistry</b> 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: 90 - 120 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (N)	67	2	434927 565000
	<b>BGS Estimated Soil Chemistry</b> 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: 100 - 200 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13NW (N)	69	2	434899 565000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Estimated Soil Chemistry</b> 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: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13NW (NW)	77	2	434860 565000
	<b>BGS Estimated Soil Chemistry</b> 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: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13NW (N)	85	2	434899 565016
	<b>BGS Estimated Soil Chemistry</b> 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: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A13SW (SW)	87	2	434811 564829
	<b>BGS Estimated Soil Chemistry</b> 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: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13NE (NE)	99	2	435000 565000
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic no data Concentration: Cadmium <1.8 mg/kg Concentration: Chromium no data Concentration: Lead Concentration: 100 - 200 mg/kg Nickel no data Concentration:	A13NW (NW)	177	2	434745 565026
	<b>BGS Estimated Soil Chemistry</b> 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: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A13NE (E)	193	2	435146 564957

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Estimated Soil Chemistry</b> 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: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A13NE (NE)	208	2	435142 565000
	<b>BGS Estimated Soil Chemistry</b> 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: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A13SE (S)	210	2	435007 564629
	<b>BGS Estimated Soil Chemistry</b> 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: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A13NE (NE)	304	2	435175 565113
	<b>BGS Estimated Soil Chemistry</b> 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: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13NW (NW)	336	2	434678 565188
	<b>BGS Estimated Soil Chemistry</b> 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: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NE (NW)	433	2	434500 565112
	<b>BGS Estimated Soil Chemistry</b> 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: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A12SE (SW)	465	2	434518 564568

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Estimated Soil Chemistry</b> 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: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A12SE (W)	504	2	434397 564787
	<b>BGS Estimated Soil Chemistry</b> 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: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NE (NW)	513	2	434425 565139
	<b>BGS Estimated Soil Chemistry</b> 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: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SW (N)	567	2	434927 565500
	<b>BGS Estimated Soil Chemistry</b> 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: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8NW (SW)	572	2	434643 564322
	<b>BGS Estimated Soil Chemistry</b> 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: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A12NE (W)	577	2	434317 564941
	<b>BGS Estimated Soil Chemistry</b> 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: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SW (N)	598	2	434710 565500



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: no data Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: no data Concentration: Lead Concentration: <100 mg/kg Nickel: no data Concentration:	A18SW (N)	609	2	434676 565500
	<b>BGS Estimated Soil Chemistry</b> 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: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A14NW (E)	664	2	435601 565080
	<b>BGS Estimated Soil Chemistry</b> 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: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A12SW (W)	667	2	434252 564670
	<b>BGS Estimated Soil Chemistry</b> 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: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A12NW (NW)	687	2	434250 565169
	<b>BGS Estimated Soil Chemistry</b> 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: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A12SW (W)	702	2	434196 564832
	<b>BGS Estimated Soil Chemistry</b> 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: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A12NW (W)	733	2	434202 565175

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Estimated Soil Chemistry</b> 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: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A14NE (E)	754	2	435721 564901
	<b>BGS Estimated Soil Chemistry</b> 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: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A19SW (NE)	799	2	435542 565446
	<b>BGS Estimated Soil Chemistry</b> 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: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A19SW (NE)	808	2	435502 565500
	<b>BGS Estimated Soil Chemistry</b> 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: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A19NW (NE)	810	2	435366 565613
	<b>BGS Estimated Soil Chemistry</b> 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: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8SE (S)	837	2	435008 564000
	<b>BGS Estimated Soil Chemistry</b> 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: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A19NW (NE)	847	2	435307 565689

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Estimated Soil Chemistry</b> 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: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A19NW (NE)	852	2	435287 565705
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic no data Concentration: Cadmium <1.8 mg/kg Concentration: Chromium no data Concentration: Lead Concentration: 100 - 200 mg/kg Nickel no data Concentration:	A19NW (NE)	852	2	435289 565704
	<b>BGS Estimated Soil Chemistry</b> 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: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A9NE (SE)	889	2	435704 564336
	<b>BGS Estimated Soil Chemistry</b> 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: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8SW (S)	890	2	434866 563942
	<b>BGS Estimated Soil Chemistry</b> 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: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A7SE (SW)	937	2	434504 563984
137	<b>BGS Recorded Mineral Sites</b> Site Name: Simonside Brick & Tile Works Location: , Jarrow, Hebburn, South Shields, Tyne & Wear Source: British Geological Survey, National Geoscience Information Service Reference: 95955 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Quaternary Geology: Pelaw Clay Member Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	754	2	434258 564437

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
138	<b>BGS Recorded Mineral Sites</b> Site Name: Jarrow Chemical, Brick & Tile Works Location: , South Shields, Tyne & Wear Source: British Geological Survey, National Geoscience Information Service Reference: 95997 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	771	2	435614 565307
139	<b>BGS Recorded Mineral Sites</b> Site Name: Fauld Brick Works Location: , West Harton, South Shields, Tyne & Wear Source: British Geological Survey, National Geoscience Information Service Reference: 99020 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Quaternary Geology: Pelaw Clay Member Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A9NE (SE)	980	2	435725 564212
	<b>BGS Measured Urban Soil Chemistry</b> No data available				
	<b>BGS Urban Soil Chemistry Averages</b> No data available				
	<b>Coal Mining Affected Areas</b> 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	7	434927 564879
	<b>Mining Instability</b> Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13SW (SE)	0	-	434927 564879
	<b>Non Coal Mining Areas of Great Britain</b> No Hazard				
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	2	434895 564895
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	2	434927 564879
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	30	2	435000 564879
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	67	2	434927 565000
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	69	2	434899 565000
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	77	2	434860 565000
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	99	2	435000 565000
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	2	434927 564879
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	2	434895 564895

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	7	2	434925 564823
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	30	2	435000 564879
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	32	2	435000 564827
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	67	2	434927 565000
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	69	2	434899 565000
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	77	2	434860 565000
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	99	2	435000 565000
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	208	2	435142 565000
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	2	434927 564879
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	30	2	435000 564879
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	67	2	434927 565000
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	99	2	435000 565000
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	2	434927 564879
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	30	2	435000 564879
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	67	2	434927 565000
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	99	2	435000 565000
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	2	434895 564895
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	2	434927 564879
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	7	2	434925 564823
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	30	2	435000 564879
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	32	2	435000 564827

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	67	2	434927 565000
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	69	2	434899 565000
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	77	2	434860 565000
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	99	2	435000 565000
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	208	2	435142 565000
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	2	434927 564879
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	2	434895 564895
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	7	2	434925 564823
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	30	2	435000 564879
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	32	2	435000 564827
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	67	2	434927 565000
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	69	2	434899 565000
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	77	2	434860 565000
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	99	2	435000 565000
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	177	2	434717 564942
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	208	2	435142 565000
	<b>Radon Potential - Radon Affected Areas</b> 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	2	434927 564879
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	2	434927 564879

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
140	<b>Contemporary Trade Directory Entries</b> Name: Teesside Waste Management Location: Jarrow Rd, South Shields, Tyne & Wear, NE34 9PS Classification: Waste Disposal Services <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A13SE (SE)	38	-	434989 564804
141	<b>Contemporary Trade Directory Entries</b> Name: Redwood Service Station Location: Jarrow Road, South Shields, Tyne and Wear, NE34 9PS Classification: Petrol Filling Stations <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A13SW (SW)	59	-	434868 564784
141	<b>Contemporary Trade Directory Entries</b> Name: Redwood Service Station Location: Jarrow Rd, South Shields, Tyne & Wear, NE34 9PS Classification: Petrol Filling Stations <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A13SW (SW)	61	-	434867 564782
142	<b>Contemporary Trade Directory Entries</b> Name: T J Thomson & Son Ltd Location: Jarrow Rd, South Shields, Tyne & Wear, NE34 9PS Classification: Scrap Metal Merchants <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A13SE (SE)	77	-	435041 564808
143	<b>Contemporary Trade Directory Entries</b> Name: Spectrum Industrial Location: Unit 19/24, Bedesway, Bede Trading Estate, Jarrow, Tyne and Wear, NE32 3EG Classification: Cleaning Materials & Equipment <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A13SW (SW)	131	-	434809 564739
143	<b>Contemporary Trade Directory Entries</b> Name: Marcraft Ltd Location: Unit 19/24, Bedesway, Bede Trading Estate, Jarrow, Tyne and Wear, NE32 3EG Classification: Fireplaces & Mantelpieces <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A13SW (SW)	131	-	434809 564739
143	<b>Contemporary Trade Directory Entries</b> Name: Interfoods Location: Unit 19/24, Bedesway, Bede Trading Estate, Jarrow, Tyne and Wear, NE32 3EG Classification: Food Products - Manufacturers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A13SW (SW)	131	-	434809 564739
143	<b>Contemporary Trade Directory Entries</b> Name: Spectrum Location: Unit 19/24, Bedesway, Bede Trading Estate, Jarrow, Tyne and Wear, NE32 3EG Classification: Cleaning Materials & Equipment <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A13SW (SW)	131	-	434809 564739
144	<b>Contemporary Trade Directory Entries</b> Name: Robinson & Hannon Location: West Side, Tyne Dock, South Shields, Tyne and Wear, NE34 9PJ Classification: Scrap Metal Merchants <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A13SW (W)	136	-	434763 564853
145	<b>Contemporary Trade Directory Entries</b> Name: J T Dove Ltd Location: West Side, Tyne Dock, South Shields, Tyne & Wear, NE34 9PL Classification: Builders' Merchants <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A13SE (E)	150	-	435116 564880
145	<b>Contemporary Trade Directory Entries</b> Name: Practical Compounds Ltd Location: West Side, Tyne Dock, SOUTH SHIELDS, Tyne and Wear, NE34 9PL Classification: Paint Manufacturers <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A13SE (E)	151	-	435117 564880

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
145	<b>Contemporary Trade Directory Entries</b> Name: Sherburn Concrete Location: West Side, Tyne Dock, South Shields, Tyne and Wear, NE34 9PL Classification: Concrete Manufacturers & Distributors <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A13SE (E)	151	-	435117 564880
146	<b>Contemporary Trade Directory Entries</b> Name: Cemex Uk Ltd Location: Wiltons Yard, Jarrow Road, Tyne Dock, South Shields, Tyne and Wear, NE34 9PT Classification: Concrete & Mortar Ready Mixed <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A13SE (E)	171	-	435140 564818
147	<b>Contemporary Trade Directory Entries</b> Name: Abbey Stonecraft Ltd Location: Unit 4, Bedesway, Bede Trading Estate, JARROW, Tyne and Wear, NE32 3EG Classification: Fireplaces & Mantelpieces <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A13SW (SW)	187	-	434744 564728
147	<b>Contemporary Trade Directory Entries</b> Name: F G Trailers Ltd Location: Unit 18, Bede Trading Estate, Jarrow, Tyne and Wear, NE32 3EG Classification: Glass Fibre Manufacturers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A13SW (SW)	214	-	434722 564713
148	<b>Contemporary Trade Directory Entries</b> Name: Remploy Location: Bede Trading Estate, Jarrow, Tyne and Wear, NE32 3EG Classification: Car Accessories Manufacturers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A13SW (SW)	187	-	434717 564788
149	<b>Contemporary Trade Directory Entries</b> Name: Premier Waste Management Ltd Location: Premier Ho, Jarrow Rd, South Shields, Tyne & Wear, NE34 9PS Classification: Waste Disposal Services <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A13SW (W)	191	-	434708 564842
150	<b>Contemporary Trade Directory Entries</b> Name: Jennings Ford Location: Newcastle Road, South Shields, Tyne and Wear, NE34 9PQ Classification: Car Dealers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A13SE (SE)	198	-	435140 564735
150	<b>Contemporary Trade Directory Entries</b> Name: S Jennings Ltd Location: Newcastle Road, South Shields, Tyne and Wear, NE34 9PQ Classification: Garage Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A13SE (SE)	198	-	435140 564735
150	<b>Contemporary Trade Directory Entries</b> Name: Jennings Ford Direct Supersite Location: Newcastle Road, South Shields, Tyne and Wear, NE34 9PQ Classification: Car Dealers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A13SE (SE)	198	-	435140 564735
150	<b>Contemporary Trade Directory Entries</b> Name: Jennings Ford Direct Location: 1, Hobson Way, South Shields, Tyne and Wear, NE34 9PQ Classification: Car Dealers - Used <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A13SE (SE)	198	-	435140 564735
151	<b>Contemporary Trade Directory Entries</b> Name: Rotary Power Location: 1, Waldridge Way, South Shields, Tyne and Wear, NE34 9PZ Classification: Hydraulic Equipment & Accessories - Sales & Service <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A13SW (S)	247	-	434905 564584



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
152	<b>Contemporary Trade Directory Entries</b> Name: Rapid Fit Location: Newcastle Rd, South Shields, Tyne and Wear, NE34 9PQ Classification: Exhaust & Shock Absorber Centres <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A13SE (SE)	252	-	435188 564710
153	<b>Contemporary Trade Directory Entries</b> Name: Tarmac Ltd Location: West Side, Tyne Dock, SOUTH SHIELDS, Tyne and Wear, NE34 9PL Classification: Asphalt & Coated Macadam Laying Contractors <b>Status: Inactive</b> Positional Accuracy: Manually positioned within the geographical locality	A13NE (E)	271	-	435224 564968
154	<b>Contemporary Trade Directory Entries</b> Name: A & M Location: Unit 38c, Lindisfarne Court, Bede Trading Estate, Jarrow, NE32 3HG Classification: Catering Equipment - Servicing & Repairs <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A13SW (W)	273	-	434631 564778
154	<b>Contemporary Trade Directory Entries</b> Name: Polished Plastics Location: Unit 38e, Lindisfarne Court, Bede Trading Estate, Jarrow, NE32 3HG Classification: Commercial Cleaning Services <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A13SW (W)	273	-	434628 564795
154	<b>Contemporary Trade Directory Entries</b> Name: D I 4 U Location: Unit 38e, Lindisfarne Court, Bede Trading Estate, Jarrow, Tyne and Wear, NE32 3HG Classification: Cleaning Services - Commercial <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A13SW (W)	276	-	434625 564798
154	<b>Contemporary Trade Directory Entries</b> Name: Allison Hydraulics Ltd Location: Unit 38a, Lindisfarne Court, Bede Trading Estate, Jarrow, Tyne and Wear, NE32 3HG Classification: Hydraulic Equipment & Accessories - Sales & Service <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A13SW (W)	277	-	434630 564767
154	<b>Contemporary Trade Directory Entries</b> Name: Bede Panels Location: Unit 38f, Lindisfarne Court, Bede Trading Est, Jarrow, Tyne and Wear, NE32 3HG Classification: Door Manufacturers - Domestic <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A13SW (W)	277	-	434623 564806
154	<b>Contemporary Trade Directory Entries</b> Name: Decorum Location: Unit 37/D, Lindisfarne Court, Bede Trading Estate, Jarrow, Tyne and Wear, NE32 3HG Classification: Sports Equipment Manufacturers & Distributors <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A12SE (W)	313	-	434590 564782
154	<b>Contemporary Trade Directory Entries</b> Name: M & A Location: Unit 37/A, Lindisfarne Court, Bede Trading Estate, Jarrow, Tyne and Wear, NE32 3HG Classification: Catering Equipment - Servicing & Repairs <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A12SE (W)	314	-	434594 564761
154	<b>Contemporary Trade Directory Entries</b> Name: Simmi Performance Location: Unit 37/A, Lindisfarne Court, Bede Trading Estate, Jarrow, Tyne and Wear, NE32 3HG Classification: Motor Cycle & Component Manufacturers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A12SE (W)	314	-	434594 564761
155	<b>Contemporary Trade Directory Entries</b> Name: Tyneside Fabrication Ltd Location: Unit 42, Lindisfarne Court, Bede Trading Estate, Jarrow, Tyne and Wear, NE32 3HG Classification: Metal Products - Fabricated <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A13SW (W)	276	-	434622 564857

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
155	<b>Contemporary Trade Directory Entries</b> Name: Motafix Location: Unit 19, Bede Trading Estate, Jarrow, Tyne and Wear, NE32 3EG Classification: Garage Services <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A13SW (W)	278	-	434621 564822
155	<b>Contemporary Trade Directory Entries</b> Name: Masterframe Location: Lindisfarne Court, Bede Trading Est, Jarrow, Tyne and Wear, NE32 3HG Classification: Window Frame Manufacturers <b>Status: Inactive</b> Positional Accuracy: Manually positioned within the geographical locality	A13SW (W)	290	-	434609 564828
156	<b>Contemporary Trade Directory Entries</b> Name: Ne Tints Location: Unit 41j, Lindisfarne Court, Bede Trading Estate, Jarrow, NE32 3HG Classification: Window Tinting <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A13SW (W)	282	-	434616 564873
157	<b>Contemporary Trade Directory Entries</b> Name: Vic Young Ltd Location: Iswick Way Ind Est, 19 Newcastle Rd, South Shields, Tyne and Wear, NE34 9QE Classification: Car Dealers <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A13SE (SE)	300	-	435250 564731
157	<b>Contemporary Trade Directory Entries</b> Name: Simonside Service Station Location: Newcastle Road, SOUTH SHIELDS, Tyne and Wear, NE34 9QE Classification: Petrol Filling Stations <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A13SE (SE)	300	-	435250 564731
158	<b>Contemporary Trade Directory Entries</b> Name: Vic Young South Shields Ltd Location: 19, Newcastle Road, SOUTH SHIELDS, Tyne and Wear, NE34 9QE Classification: Car Dealers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A13SE (SE)	301	-	435204 564648
159	<b>Contemporary Trade Directory Entries</b> Name: Port Of Tyne Logistics Location: Merchant House, Tyne Dock, South Shields, Tyne and Wear, NE34 9PY Classification: Road Haulage Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A13NE (NE)	303	-	435229 565038
159	<b>Contemporary Trade Directory Entries</b> Name: Port Of Tyne Location: Merchant House, Tyne Dock, South Shields, Tyne and Wear, NE34 9PY Classification: Road Haulage Services <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A13NE (NE)	303	-	435229 565038
159	<b>Contemporary Trade Directory Entries</b> Name: Port Of Tyne Logistics Location: Merchant House, Tyne Dock, South Shields, Tyne and Wear, NE34 9PY Classification: Road Haulage Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A13NE (NE)	303	-	435229 565038
160	<b>Contemporary Trade Directory Entries</b> Name: Prima Design Services Location: 41e, Lindisfarne Court, Bede Trading Estate, Jarrow, Tyne and Wear, NE32 3HG Classification: Cladding Suppliers & Installers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A12NE (W)	309	-	434588 564885
160	<b>Contemporary Trade Directory Entries</b> Name: Adhesives Sealants & Lubricants (Northern) Ltd Location: Unit 41a, Lindisfarne Court, Bede Trading Estate, Jarrow, Tyne and Wear, NE32 3HG Classification: Adhesives, Glues & Sealants <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A12NE (W)	327	-	434569 564898

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
160	<b>Contemporary Trade Directory Entries</b> Name: Ejs Fabrications Location: Unit 40c,Lindisfarne Court,Bede Trading Est, Jarrow, Tyne and Wear, NE32 3HG Classification: Metal Products - Fabricated <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A12SE (W)	327	-	434572 564852
160	<b>Contemporary Trade Directory Entries</b> Name: Acoustic Transitions Ltd Location: BEDE TRADING EST, Jarrow, Tyne & Wear, NE32 3HG Classification: Electronic Component Manufacturers & Distributors <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A12SE (W)	330	-	434568 564871
161	<b>Contemporary Trade Directory Entries</b> Name: N E Fibreglass Services Location: Unit 40/A, Lindisfarne Court, Bede Trading Estate, Jarrow, Tyne and Wear, NE32 3HG Classification: Glass Fibre Moulding, Materials & Manufacturers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A12SE (W)	325	-	434574 564839
162	<b>Contemporary Trade Directory Entries</b> Name: Filtrona Filters Location: Bedesway, Jarrow, Tyne and Wear, NE32 3ET Classification: Tobacco Products - Manufacturers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A13SW (SW)	329	-	434619 564662
163	<b>Contemporary Trade Directory Entries</b> Name: A A P Metal Fabrications Services Location: Bedesway, Bede Trading Estate, Jarrow, Tyne and Wear, NE32 3EG Classification: Metal Products - Fabricated <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A12SE (W)	332	-	434571 564782
164	<b>Contemporary Trade Directory Entries</b> Name: Bend It Shape Co Ltd Location: Elswick Way Ind Est,Newcastle Rd, South Shields, Tyne & Wear, NE34 0LW Classification: Plastic Products - Manufacturers <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A13SE (SE)	341	-	435188 564575
165	<b>Contemporary Trade Directory Entries</b> Name: P J Engineering Products Ltd Location: Elswick Way Industrial Estate, Newcastle Road, South Shields, Tyne and Wear, NE34 0LW Classification: Mechanical Engineers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A14SW (SE)	359	-	435278 564653
166	<b>Contemporary Trade Directory Entries</b> Name: Doorman Services Location: 1, Elswick Way Industrial Estate, Newcastle Road, SOUTH SHIELDS, Tyne and Wear, NE34 0LW Classification: Industrial Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A13SE (SE)	371	-	435251 564596
166	<b>Contemporary Trade Directory Entries</b> Name: Janson Units Location: 3-4, Elswick Way Industrial Estate, Newcastle Road, South Shields, Tyne and Wear, NE34 0LW Classification: Kitchen Furniture Manufacturers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A14SW (SE)	384	-	435275 564604
166	<b>Contemporary Trade Directory Entries</b> Name: South Shields Hydraulics Ltd Location: 17, Elswick Way Industrial Estate, Newcastle Road, South Shields, Tyne and Wear, NE34 0LW Classification: Hydraulic Equipment & Accessories - Sales & Service <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A13SE (SE)	397	-	435254 564560
166	<b>Contemporary Trade Directory Entries</b> Name: Cannylad Press Location: 14, Elswick Way Industrial Estate, Newcastle Road, South Shields, Tyne and Wear, NE34 0LW Classification: Printers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A14SW (SE)	416	-	435296 564578

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
166	<b>Contemporary Trade Directory Entries</b> Name: Cannylad Press Location: 14, Elswick Way Industrial Estate, Newcastle Road, South Shields, Tyne and Wear, NE34 0LW Classification: Printers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A14SW (SE)	416	-	435296 564578
167	<b>Contemporary Trade Directory Entries</b> Name: Semi-Tech (Newcastle) Location: Newcastle Road, South Shields, Tyne and Wear, NE34 9AA Classification: Television & Video Manufacturers & Wholesalers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned in the proximity of the address	A8NE (S)	374	-	435027 564467
168	<b>Contemporary Trade Directory Entries</b> Name: Mitie Cleaning Environmental Services Ltd Location: Sextant House, Tyne Dock, South Shields, Tyne and Wear, NE34 9PY Classification: Commercial Cleaning Services <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A14NW (E)	381	-	435344 564922
169	<b>Contemporary Trade Directory Entries</b> Name: Amtech Rapid Prototyping Ltd Location: 2, Finlay Court, South Shields, Tyne and Wear, NE34 9QA Classification: Plastic Products - Manufacturers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A8NW (SW)	403	-	434736 564464
169	<b>Contemporary Trade Directory Entries</b> Name: Valve Services Ltd Location: 3, Finlay Court, South Shields, Tyne and Wear, NE34 9QA Classification: Valve Manufacturers & Suppliers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A8NW (SW)	416	-	434747 564446
170	<b>Contemporary Trade Directory Entries</b> Name: Academy Craft Location: Unit 3, Pilgrimsway, Bede Trading Estate, Jarrow, Tyne and Wear, NE32 3HG Classification: Distribution Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A12NE (W)	422	-	434472 564920
171	<b>Contemporary Trade Directory Entries</b> Name: G T Diecastings Ltd Location: Pilgrimsway, Jarrow, Tyne and Wear, NE32 3EW Classification: Die-Casting Equipment & Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A12SE (W)	429	-	434472 564789
171	<b>Contemporary Trade Directory Entries</b> Name: Rosewood Manufacturing Co Ltd Location: Pilgrimsway, Jarrow, Tyne and Wear, NE32 3EW Classification: Pallets, Crates & Packing Cases <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A12SE (W)	429	-	434472 564789
172	<b>Contemporary Trade Directory Entries</b> Name: Millennium Conveyor Services Ltd Location: 1, Finlay Court, South Shields, Tyne and Wear, NE34 9QA Classification: Conveyors & Conveyor Belts <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A8NW (SW)	435	-	434689 564453
173	<b>Contemporary Trade Directory Entries</b> Name: A 2 B Global Transport Services Location: Newcastle Rd, South Shields, Tyne & Wear, NE34 9PB Classification: Freight Forwarders <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A8NW (S)	440	-	434859 564393
174	<b>Contemporary Trade Directory Entries</b> Name: T J Thomson & Son Ltd Location: Maritime House, Tyne Dock, South Shields, Tyne & Wear, NE34 9PT Classification: Scrap Metal Merchants <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A14NW (E)	441	-	435389 565010

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
175	<b>Contemporary Trade Directory Entries</b> Name: Waste Electrical Recycling Services Location: 8-9, Elswick Way Industrial Estate, Newcastle Road, South Shields, Tyne and Wear, NE34 0LW Classification: Reclaiming - Waste Products <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A14SW (SE)	453	-	435355 564600
176	<b>Contemporary Trade Directory Entries</b> Name: Sea Fab Ltd Location: 6, Finlay Court, South Shields, Tyne and Wear, NE34 9QA Classification: Machine Shops <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A8NW (S)	459	-	434780 564389
177	<b>Contemporary Trade Directory Entries</b> Name: Harlow Printing Ltd Location: 8, Waldrige Way, South Shields, Tyne and Wear, NE34 9PZ Classification: Printers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A7NE (SW)	466	-	434543 564533
178	<b>Contemporary Trade Directory Entries</b> Name: Automation & Security Location: 9, Finlay Court, South Shields, NE34 9QA Classification: Gate Manufacturers - Automated <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A8NW (SW)	473	-	434661 564425
178	<b>Contemporary Trade Directory Entries</b> Name: Automation & Security Location: 9, Finlay Court, South Shields, Tyne and Wear, NE34 9QA Classification: Gate Manufacturers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A8NW (SW)	474	-	434661 564424
178	<b>Contemporary Trade Directory Entries</b> Name: Norcrane Location: 7, Finlay Court, South Shields, Tyne and Wear, NE34 9QA Classification: Crane Manufacturers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A8NW (SW)	476	-	434720 564393
178	<b>Contemporary Trade Directory Entries</b> Name: Machining Techniques Location: 8, Finlay Court, South Shields, Tyne and Wear, NE34 9QA Classification: Precision Engineers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A8NW (SW)	477	-	434697 564402
179	<b>Contemporary Trade Directory Entries</b> Name: G R C Filtration Services Location: 4, Waldrige Way, South Shields, Tyne and Wear, NE34 9PZ Classification: Swimming Pool Contractors, Repairers & Service <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A8NW (SW)	482	-	434637 564430
180	<b>Contemporary Trade Directory Entries</b> Name: V V R Ltd Location: 6, Waldrige Way, South Shields, NE34 9PZ Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A7NE (SW)	487	-	434583 564464
181	<b>Contemporary Trade Directory Entries</b> Name: Tyneside Filtration & Engineering Services Location: 49a Cuthbert Ct, Bede Trading Est, Jarrow, Tyne & Wear, NE32 3HG Classification: Filtration Systems & Services <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A12SE (SW)	538	-	434440 564554
182	<b>Contemporary Trade Directory Entries</b> Name: A2b Logistics Ltd Location: Storefreight Complex, Newcastle Road, South Shields, Tyne and Wear, NE34 9PB Classification: Freight Forwarders <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A8NW (SW)	550	-	434628 564355

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
182	<b>Contemporary Trade Directory Entries</b> Name: S & N Scaffolding Location: Storefreight Complex, Newcastle Rd, South Shields, Tyne and Wear, NE34 9PB Classification: Scaffolding & Work Platforms <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A8NW (SW)	551	-	434628 564354
183	<b>Contemporary Trade Directory Entries</b> Name: M A C Electronics Location: Unit 38/I, Lindisfarne Court, Bede Trading Estate, Jarrow, Tyne and Wear, NE32 3HG Classification: Electronic Engineers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A12SE (SW)	555	-	434391 564609
183	<b>Contemporary Trade Directory Entries</b> Name: Miko Engineering Location: Unit 46, Cuthbert Court, Bede Trading Estate, Jarrow, Tyne and Wear, NE32 3EG Classification: Metal Products - Fabricated <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A12SE (SW)	555	-	434391 564609
183	<b>Contemporary Trade Directory Entries</b> Name: Streetwise Distribution Location: Unit 38/I, Lindisfarne Court, Bede Trading Estate, Jarrow, Tyne and Wear, NE32 3HG Classification: Distribution Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A12SE (SW)	555	-	434391 564609
183	<b>Contemporary Trade Directory Entries</b> Name: Polished Plastics Location: 38g Bede Trading Est, Jarrow, Tyne and Wear, NE32 3HG Classification: Cleaning Services - Domestic <b>Status: Inactive</b> Positional Accuracy: Manually positioned within the geographical locality	A12SE (SW)	576	-	434366 564616
183	<b>Contemporary Trade Directory Entries</b> Name: Simco Engineers Ltd Location: Monksway, Bede Trading Estate, Jarrow, Tyne and Wear, NE32 3HJ Classification: Oil & Gas Exploration Supplies & Services <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A12SE (SW)	591	-	434366 564577
184	<b>Contemporary Trade Directory Entries</b> Name: D M Personnel Ltd Location: Newcastle Rd, South Shields, Tyne & Wear, NE34 9PB Classification: Hydraulic Engineers <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A8NW (S)	575	-	434758 564275
185	<b>Contemporary Trade Directory Entries</b> Name: Secure Shield Windows Ltd Location: 1, Heddon Way, Middlefields Industrial Estate, South Shields, Tyne and Wear, NE34 0NT Classification: Window Frames - Sales & Service <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A14SW (E)	583	-	435525 564658
186	<b>Contemporary Trade Directory Entries</b> Name: A J Edge Ltd Location: Navigation House, Tyne Dock, South Shields, Tyne and Wear, NE34 0AB Classification: Freight Forwarders <b>Status: Inactive</b> Positional Accuracy: Automatically positioned in the proximity of the address	A14NW (E)	585	-	435517 565085
187	<b>Contemporary Trade Directory Entries</b> Name: A S Autosalvage Location: Charles Taylor Foundry, South Shields, Tyne and Wear, NE33 5SE Classification: Garage Services <b>Status: Inactive</b> Positional Accuracy: Manually positioned within the geographical locality	A19SW (NE)	594	-	435449 565234
188	<b>Contemporary Trade Directory Entries</b> Name: Fireplace Factory Outlet Location: Pauls Way, Bede Trading Estate, Jarrow, Tyne And Wear, NE32 3HD Classification: Fireplaces & Mantelpieces <b>Status: Active</b> Positional Accuracy: Manually positioned within the geographical locality	A12SE (W)	595	-	434303 564860

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
188	<b>Contemporary Trade Directory Entries</b> Name: Summit1 Technology Location: Bede Trading Estate, Jarrow, Tyne and Wear, NE32 3HD Classification: Electronic Component Manufacturers & Distributors <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A12SE (W)	595	-	434303 564860
189	<b>Contemporary Trade Directory Entries</b> Name: Harle Peel Bottled Gas Supplies Location: Hudson Street, South Shields, NE34 0AD Classification: Gas Suppliers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A14NW (E)	603	-	435562 564967
189	<b>Contemporary Trade Directory Entries</b> Name: Freeway Tyres Location: Hudson Street, South Shields, Tyne and Wear, NE34 0AD Classification: Tyre Dealers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A14NW (E)	619	-	435581 564946
189	<b>Contemporary Trade Directory Entries</b> Name: One Stop Tyres Location: Hudson Street, SOUTH SHIELDS, Tyne and Wear, NE34 0AD Classification: Tyre Dealers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A14NW (E)	619	-	435581 564946
190	<b>Contemporary Trade Directory Entries</b> Name: Premier Direct Location: Premier Direct, Newcastle Road, South Shields, Tyne and Wear, NE34 9AA Classification: Distribution Services <b>Status: Inactive</b> Positional Accuracy: Manually positioned within the geographical locality	A7NE (SW)	628	-	434489 564359
191	<b>Contemporary Trade Directory Entries</b> Name: Premier Waste Management Co Location: Hudson st, South Shields, Tyne and Wear, NE34 0AD Classification: Waste Disposal Services <b>Status: Active</b> Positional Accuracy: Manually positioned to the road within the address or location	A14NE (E)	652	-	435616 564925
191	<b>Contemporary Trade Directory Entries</b> Name: Harlepul Bottle Location: Hudson Street, South Shields, Tyne And Wear, NE34 0AD Classification: Gas Suppliers - Bottled <b>Status: Active</b> Positional Accuracy: Manually positioned within the geographical locality	A14NE (E)	675	-	435637 564944
192	<b>Contemporary Trade Directory Entries</b> Name: Glendale Transport Uk Ltd Location: 3, Throckley Way, Middlefields Industrial Estate, SOUTH SHIELDS, Tyne and Wear, NE34 ONU Classification: Road Haulage Services <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A9NW (SE)	652	-	435538 564518
193	<b>Contemporary Trade Directory Entries</b> Name: Raydek Window Services Ltd Location: 9, Throckley Way, Middlefields Industrial Estate, South Shields, Tyne and Wear, NE34 ONU Classification: Door Manufacturers - Industrial <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A9NW (SE)	661	-	435503 564447
194	<b>Contemporary Trade Directory Entries</b> Name: M I Dickson Ltd Location: Heddon Way, Middlefields Industrial Estate, South Shields, Tyne and Wear, NE34 0NT Classification: Meat Product Manufacturers & Wholesalers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A14SE (E)	661	-	435618 564710
194	<b>Contemporary Trade Directory Entries</b> Name: Walker Profiles Ltd Location: 1-2, Middlefields Ind Est, South Shields, Tyne and Wear, NE34 0NT Classification: Window Frame Manufacturers <b>Status: Inactive</b> Positional Accuracy: Manually positioned within the geographical locality	A14SE (E)	683	-	435644 564730

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
195	<b>Contemporary Trade Directory Entries</b> Name: Solar Solve Ltd Location: 3a, Tyne Dock East Side, South Shields, Tyne and Wear, NE33 5SQ Classification: Manufacturers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A14NW (NE)	666	-	435572 565164
195	<b>Contemporary Trade Directory Entries</b> Name: Sun Shade Systems Location: Unit 3A Tyne Dock East Side, Port Of Tyne, South Shields, Tyne and Wear, NE33 5SQ Classification: Blinds, Awnings & Canopies <b>Status: Inactive</b> Positional Accuracy: Manually positioned within the geographical locality	A14NE (E)	707	-	435619 565158
196	<b>Contemporary Trade Directory Entries</b> Name: Denholm Wilhelmsen Ltd Location: Navigation House, Tyne Dock, South Shields, Tyne and Wear, NE34 0AB Classification: Freight Forwarders <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A14NE (E)	669	-	435608 565073
196	<b>Contemporary Trade Directory Entries</b> Name: Dju Transport Ltd Location: Navigation House, Tyne Dock, South Shields, Tyne & Wear, NE34 9PT Classification: Road Haulage Services <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A14NE (E)	669	-	435608 565072
196	<b>Contemporary Trade Directory Entries</b> Name: Adams Location: Navigation House, Tyne Dock, South Shields, Tyne and Wear, NE34 0AB Classification: Road Haulage Services <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A14NE (E)	669	-	435608 565073
196	<b>Contemporary Trade Directory Entries</b> Name: Tyne & Wear Marine Ltd Location: East Side, Tyne Dock, South Shields, Tyne and Wear, NE33 5SP Classification: Marine Engineering Equipment Manufacturers <b>Status: Active</b> Positional Accuracy: Automatically positioned in the proximity of the address	A14NE (E)	670	-	435609 565073
197	<b>Contemporary Trade Directory Entries</b> Name: J Barbour & Sons Ltd Location: Simonside, SOUTH SHIELDS, Tyne and Wear, NE34 9PD Classification: Clothing & Fabrics - Manufacturers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7NE (SW)	677	-	434354 564433
198	<b>Contemporary Trade Directory Entries</b> Name: Biffa Waste Services Ltd Location: Simonside Industrial Estate, Shaftesbury Avenue, South Shields, Tyne and Wear, NE34 9PH Classification: Waste Disposal Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7NE (SW)	678	-	434489 564294
198	<b>Contemporary Trade Directory Entries</b> Name: Biffa Ltd Location: Simonside Industrial Estate, Shaftesbury Avenue, South Shields, Tyne and Wear, NE34 9PH Classification: Waste Disposal Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7NE (SW)	678	-	434489 564294
198	<b>Contemporary Trade Directory Entries</b> Name: Tynside Stoves & Fires Location: Simonside Ind Est, Shaftesbury Av, South Shields, Tyne And Wear, NE34 9PH Classification: Heating Services - Industrial and Commercial <b>Status: Inactive</b> Positional Accuracy: Manually positioned within the geographical locality	A7NE (SW)	678	-	434489 564294
198	<b>Contemporary Trade Directory Entries</b> Name: Fire Outlet Location: Simonside Industrial Estate, Shaftesbury Avenue, South Shields, Tyne and Wear, NE34 9PH Classification: Fireplaces & Mantelpieces <b>Status: Active</b> Positional Accuracy: Automatically positioned in the proximity of the address	A7NE (SW)	691	-	434516 564259



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
199	<b>Contemporary Trade Directory Entries</b> Name: Warm Protection Products Ltd Location: 5, Throckley Way, Middlefields Industrial Estate, SOUTH SHIELDS, Tyne and Wear, NE34 0NU Classification: Roller Shutter Manufacturers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A14SW (SE)	681	-	435588 564551
200	<b>Contemporary Trade Directory Entries</b> Name: Mcps Location: Unit 102, Throckley Way, Middlefields Ind Est, South Shields, Tyne And Wear, NE34 0NU Classification: Marine Electrical & Electronic Equipment Manufacturers <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A9NW (SE)	692	-	435572 564496
200	<b>Contemporary Trade Directory Entries</b> Name: Feller Location: Unit 1,102 Throckley Way, Middlefields Industrial Estate, South Shields, Tyne And Wear, NE34 0NU Classification: Wire Products - Manufacturers <b>Status: Active</b> Positional Accuracy: Manually positioned within the geographical locality	A9NW (SE)	721	-	435606 564497
200	<b>Contemporary Trade Directory Entries</b> Name: Custom Bags Location: Unit 2b, 102, Throckley Way, Middlefields Industrial Estate, South Shields, NE34 0NU Classification: Bags, Belts & Accessories - Manufacturers & Suppliers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A9NW (SE)	722	-	435606 564497
200	<b>Contemporary Trade Directory Entries</b> Name: M C P S Ltd Location: Unit 2/A, 102, Throckley Way, Middlefields Industrial Estate, South Shields, Tyne and Wear, NE34 0NU Classification: Metal Finishing Services <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A9NW (SE)	728	-	435607 564484
200	<b>Contemporary Trade Directory Entries</b> Name: M C P S Ltd Location: Unit 2/A, 102, Throckley Way, Middlefields Industrial Estate, South Shields, Tyne and Wear, NE34 0NU Classification: Marine Equipment & Supplies <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A9NW (SE)	728	-	435607 564484
200	<b>Contemporary Trade Directory Entries</b> Name: Mcps Location: Unit 2/A, 102, Throckley Way, Middlefields Industrial Estate, South Shields, Tyne and Wear, NE34 0NU Classification: Corrosion Prevention & Control <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A9NW (SE)	728	-	435607 564484
201	<b>Contemporary Trade Directory Entries</b> Name: H V R International Location: Bede Trading Estate, Jarrow, Tyne and Wear, NE32 3EN Classification: Electronic Component Manufacturers & Distributors <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A12SW (W)	695	-	434212 564723
201	<b>Contemporary Trade Directory Entries</b> Name: Rosewood Manufacturing Co Ltd Location: Bede Trading Estate, Jarrow, Tyne and Wear, NE32 3EN Classification: Pallets, Crates & Packing Cases <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A12SW (W)	695	-	434212 564723
202	<b>Contemporary Trade Directory Entries</b> Name: Howdens Joinery Location: 1 Throckley Way, Middlefields Ind Est, South Shields, Tyne and Wear, NE34 0NU Classification: Builders' Merchants <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A14SE (E)	702	-	435633 564608

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
203	<b>Contemporary Trade Directory Entries</b> Name: Plaster Piece Ltd Location: Simonside Industrial Estate, Shaftesbury Avenue, South Shields, Tyne and Wear, NE34 9PH Classification: Fireplaces & Mantelpieces <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7NE (SW)	710	-	434527 564229
203	<b>Contemporary Trade Directory Entries</b> Name: Border Leathercrafts Ltd Location: Unit 1 Simonside Industrial Estate, Shaftesbury Avenue, South Shields, Tyne and Wear, NE34 9PH Classification: Leather Garments & Products <b>Status: Active</b> Positional Accuracy: Manually positioned to the address or location	A7SE (SW)	734	-	434550 564188
203	<b>Contemporary Trade Directory Entries</b> Name: Templetown Canopies Ltd Location: 1, Amos Ayre Place, South Shields, Tyne and Wear, NE34 9PE Classification: Glass Fibre Manufacturers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7SE (SW)	734	-	434550 564188
203	<b>Contemporary Trade Directory Entries</b> Name: Elsy & Gibbons Location: Amos Ayre Place, South Shields, Tyne and Wear, NE34 9PE Classification: Electrical Heating Equipment & Systems <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7SE (SW)	734	-	434550 564188
204	<b>Contemporary Trade Directory Entries</b> Name: Fires & Fenders Location: South Shields, NE34 0AE Classification: Fireplaces & Mantelpieces <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A14SE (E)	725	-	435694 564862
205	<b>Contemporary Trade Directory Entries</b> Name: E M R Location: West Side, Tyne Dock, South Shields, Tyne and Wear, NE34 9PL Classification: Scrap Metal Merchants <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A18NW (NW)	727	-	434621 565605
206	<b>Contemporary Trade Directory Entries</b> Name: Prestige German Cars Location: Unit 1, Tyne Point Industrial Estate, Shaftesbury Avenue, Jarrow, Tyne and Wear, NE32 3UP Classification: Garage Services <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	750	-	434312 564367
206	<b>Contemporary Trade Directory Entries</b> Name: West Side Services Location: Unit 2 Tyne Point Indust Est, Shaftesbury Av, Jarrow, Tyne & Wear, NE32 3UP Classification: Mot Testing Centres <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	768	-	434312 564338
206	<b>Contemporary Trade Directory Entries</b> Name: Royal Meat Location: Unit 3, Tyne Point Industrial Estate, Shaftesbury Avenue, Jarrow, Tyne and Wear, NE32 3UP Classification: Meat Product Manufacturers & Wholesalers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A7NE (SW)	779	-	434311 564324
207	<b>Contemporary Trade Directory Entries</b> Name: Oil Quip Location: Unit 3c, Throckley Way, Middlefields Industrial Estate, South Shields, NE34 0NU Classification: Drilling & Boring Equipment & Supplies <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A9NE (SE)	760	-	435618 564440
207	<b>Contemporary Trade Directory Entries</b> Name: D G Services Ltd Location: 3d, Unit 102, Throckley Way, Middlefields Industrial Estate, South Shields, Tyne and Wear, NE34 0NU Classification: Garage Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A9NE (SE)	785	-	435650 564444

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
207	<b>Contemporary Trade Directory Entries</b> Name: Prime Buy Location: 3d, Unit 102, Throckley Way, Middlefields Industrial Estate, South Shields, Tyne and Wear, NE34 0NU Classification: Food Products - Manufacturers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A9NE (SE)	785	-	435650 564444
208	<b>Contemporary Trade Directory Entries</b> Name: Sonoco-Alcore Industrial Products Location: Tyne Point Industrial Estate, Shaftesbury Avenue, Jarrow, Tyne and Wear, NE32 3UP Classification: Paper & Cardboard Products & Packaging - Manufacturers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7NW (SW)	763	-	434223 564480
209	<b>Contemporary Trade Directory Entries</b> Name: Kaytu Systems Ltd Location: 6a-6b, Throckley Way, Middlefields Industrial Estate, South Shields, Tyne and Wear, NE34 0NU Classification: Sheet Metal Work <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A9NE (SE)	765	-	435664 564515
210	<b>Contemporary Trade Directory Entries</b> Name: Team Hawk Location: Tyne Dock, South Shields, Tyne & Wear, NE34 9PL Classification: Road Haulage Services <b>Status: Inactive</b> Positional Accuracy: Manually positioned within the geographical locality	A19SW (NE)	771	-	435472 565478
211	<b>Contemporary Trade Directory Entries</b> Name: Buildbase Ltd Location: 104, Throckley Way, Middlefields Industrial Estate, South Shields, NE34 0NU Classification: Builders' Merchants <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A9NE (SE)	787	-	435609 564378
211	<b>Contemporary Trade Directory Entries</b> Name: North East Civils & Lintels Location: 104, Throckley Way, Middlefields Industrial Estate, South Shields, Tyne and Wear, NE34 0NU Classification: Builders' Merchants <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A9NE (SE)	787	-	435609 564378
212	<b>Contemporary Trade Directory Entries</b> Name: Kbl Technical Ltd Location: Unit 2b, Bede Trade Park, Abbotsway, Jarrow, Tyne and Wear, NE32 3HE Classification: Catering Equipment - Servicing & Repairs <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A12SW (W)	790	-	434109 564798
212	<b>Contemporary Trade Directory Entries</b> Name: Mace Interiors Ltd Location: Unit 2d, Bede Trade Park, Abbotsway, Jarrow, Tyne and Wear, NE32 3HE Classification: Joinery Manufacturers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A12SW (W)	811	-	434088 564804
212	<b>Contemporary Trade Directory Entries</b> Name: Reed Presentaion Ltd Location: Unit 2D, Bede Trade Park, Abbotsway, Jarrow, Tyne and Wear, NE32 3HE Classification: Printers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A12SW (W)	811	-	434088 564804
212	<b>Contemporary Trade Directory Entries</b> Name: On Spec Optical Location: Unit 2e, Bede Trade Park, Abbotsway, Jarrow, Tyne and Wear, NE32 3HE Classification: Optical Goods - Manufacturers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A12SW (W)	819	-	434080 564806
213	<b>Contemporary Trade Directory Entries</b> Name: Tyne Dock Service Station Location: Hudson St, South Shields, Tyne & Wear, NE34 0AD Classification: Petrol Filling Stations <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A14SE (E)	799	-	435764 564752

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
214	<b>Contemporary Trade Directory Entries</b> Name: W S Newham & Sons Location: 2 Mitre Pl, South Shields, Tyne and Wear, NE33 5TB Classification: Coal & Smokeless Fuel Merchants & Distributors <b>Status: Active</b> Positional Accuracy: Manually positioned to the road within the address or location	A19SW (NE)	799	-	435589 565390
214	<b>Contemporary Trade Directory Entries</b> Name: Motorway Tyres & Accessories Ltd Location: 2, Mitre Place, South Shields, Tyne and Wear, NE33 5TB Classification: Tyre Dealers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned in the proximity of the address	A19SW (NE)	800	-	435589 565391
214	<b>Contemporary Trade Directory Entries</b> Name: Travis Perkins Plc Location: Unit 1, Mitre Place, South Shields, Tyne and Wear, NE33 5TB Classification: Builders' Merchants <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A19SW (NE)	811	-	435572 565430
214	<b>Contemporary Trade Directory Entries</b> Name: Peters Coachworks Location: Unit 1, Mitre Place, South Shields, Tyne and Wear, NE33 5TB Classification: Car Body Repairs <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A19SW (NE)	811	-	435572 565430
214	<b>Contemporary Trade Directory Entries</b> Name: D & E Autos Location: Unit 1, Mitre Place, South Shields, Tyne and Wear, NE33 5TB Classification: Garage Services <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A19SW (NE)	811	-	435572 565430
214	<b>Contemporary Trade Directory Entries</b> Name: Tyne View Garage Location: Unit 2, Mitre Place, South Shields, Tyne and Wear, NE33 5TB Classification: Garage Services <b>Status: Active</b> Positional Accuracy: Manually positioned to the address or location	A19SW (NE)	847	-	435603 565450
215	<b>Contemporary Trade Directory Entries</b> Name: Solar & Wind Applications Ltd Location: Finlay Court, Newcastle Road, South Shields, Tyne And Wear, NE34 9QA Classification: Windmills & Wind Power Equipment <b>Status: Inactive</b> Positional Accuracy: Manually positioned within the geographical locality	A7SE (SW)	804	-	434493 564140
216	<b>Contemporary Trade Directory Entries</b> Name: Tesco Stores Ltd Location: Towers Place, South Shields, Tyne and Wear, NE34 9QD Classification: Petrol Filling Stations <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7SE (SW)	811	-	434409 564188
216	<b>Contemporary Trade Directory Entries</b> Name: Associated Co-Operative Creameries Location: Towers Pl, South Shields, Tyne and Wear, NE34 9QD Classification: Dairies <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A7SE (SW)	823	-	434436 564154
217	<b>Contemporary Trade Directory Entries</b> Name: The Diesel Centre Location: Unit 2, Simonside Ind Est, Shaftesbury Avenue, Jarrow, Tyne And Wear, NE32 3UP Classification: Car Body Repairs <b>Status: Inactive</b> Positional Accuracy: Manually positioned within the geographical locality	A7NW (SW)	816	-	434165 564478
218	<b>Contemporary Trade Directory Entries</b> Name: Be Modern Location: 19, Bedesway, Jarrow, Tyne and Wear, NE32 3HQ Classification: Fireplaces & Mantelpieces <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A12SW (W)	817	-	434088 564733

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
218	<b>Contemporary Trade Directory Entries</b> Name: Be Modern Ltd Location: 19, Bedesway, Jarrow, Tyne and Wear, NE32 3HQ Classification: Bathroom Fixtures - Manufacturers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A12SW (W)	817	-	434088 564733
218	<b>Contemporary Trade Directory Entries</b> Name: Marcraft Location: 19, Bedesway, Jarrow, Tyne and Wear, NE32 3HQ Classification: Fireplaces & Mantelpieces <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A12SW (W)	817	-	434088 564733
219	<b>Contemporary Trade Directory Entries</b> Name: Lamb International Ltd Location: Unit 2, Mitre Place, South Shields, NE33 5TB Classification: Road Haulage Services <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A19SE (NE)	828	-	435617 565401
219	<b>Contemporary Trade Directory Entries</b> Name: Mitre Breakers Location: 2 Mitre Pl, South Shields, Tyne & Wear, NE33 5TB Classification: Car Breakers & Dismantlers <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A19SE (NE)	849	-	435622 565430
219	<b>Contemporary Trade Directory Entries</b> Name: Tlc Cars Location: 2 Mitre Pl, South Shields, Tyne & Wear, NE33 5TB Classification: Car Dealers - Used <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A19SE (NE)	855	-	435629 565430
219	<b>Contemporary Trade Directory Entries</b> Name: Dennis Parker Location: Mitre Pl, South Shields, Tyne and Wear, NE33 5TB Classification: Road Haulage Services <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A19SE (NE)	862	-	435638 565430
219	<b>Contemporary Trade Directory Entries</b> Name: G L Motors Location: Unit 4, Mitre Place, South Shields, Tyne and Wear, NE33 5TB Classification: Car Body Repairs <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A19SE (NE)	867	-	435629 565449
219	<b>Contemporary Trade Directory Entries</b> Name: Garden Lane Garage Location: 4 Evans Yard, Templetown, South Shields, NE33 5SH Classification: Car Body Repairs <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A19SE (NE)	887	-	435638 565470
219	<b>Contemporary Trade Directory Entries</b> Name: Tiptop Tyres Location: 4a, Evans Yard, Templetown, South Shields, Tyne and Wear, NE33 5SH Classification: Tyre Dealers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A19SE (NE)	892	-	435635 565481
220	<b>Contemporary Trade Directory Entries</b> Name: Hanson Logistics Location: Shaftesbury Avenue, Jarrow, Tyne and Wear, NE32 3TJ Classification: Distribution Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7NW (SW)	835	-	434176 564415
221	<b>Contemporary Trade Directory Entries</b> Name: L P G North East Location: Unit 6, Tyne Point Industrial Estate, Shaftesbury Avenue, Jarrow, Tyne and Wear, NE32 3RA Classification: Garage Services <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A7NW (SW)	846	-	434226 564321

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
221	<b>Contemporary Trade Directory Entries</b> Name: Hodgkinson Car Sales Location: Unit 6, Tyne Point Industrial Estate, Shaftesbury Avenue, Jarrow, Tyne and Wear, NE32 3RA Classification: Car Dealers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7NW (SW)	846	-	434226 564321
221	<b>Contemporary Trade Directory Entries</b> Name: Fast Fit Location: Unit 6, Tyne Point Industrial Estate, Shaftesbury Avenue, Jarrow, Tyne and Wear, NE32 3RA Classification: Car Dealers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7NW (SW)	846	-	434226 564321
222	<b>Contemporary Trade Directory Entries</b> Name: Crash Magic Location: Unit 20, Mitre Place, South Shields, Tyne and Wear, NE33 5TB Classification: Car Body Repairs <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A19SE (NE)	872	-	435683 565385
222	<b>Contemporary Trade Directory Entries</b> Name: Mitre Motors Location: Unit 12, Mitre Place, South Shields, Tyne and Wear, NE33 5TB Classification: Car Dealers - Used <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A19SE (NE)	872	-	435684 565385
223	<b>Contemporary Trade Directory Entries</b> Name: Mountain Metals Location: Unit 10, Mitre Place, South Shields, Tyne and Wear, NE33 5TB Classification: Metal Products - Fabricated <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A19SE (NE)	874	-	435668 565410
223	<b>Contemporary Trade Directory Entries</b> Name: Temple Town Autos Location: Unit 3, Mitre Place, South Shields, NE33 5TB Classification: Scrap Metal Merchants <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A19SE (NE)	912	-	435680 565457
224	<b>Contemporary Trade Directory Entries</b> Name: Swiftclean Location: 33, Foss Way, South Shields, Tyne and Wear, NE34 0BW Classification: Dry Cleaners <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A9NE (SE)	875	-	435695 564348
225	<b>Contemporary Trade Directory Entries</b> Name: Saddle Craft Seating Location: 3, Evans Yard, Templetown, South Shields, Tyne and Wear, NE33 5SH Classification: Motor Cycle & Component Manufacturers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A19SW (NE)	882	-	435594 565510
225	<b>Contemporary Trade Directory Entries</b> Name: Direct Timber Sales Location: Evans Yard, Templetown, South Shields, Tyne and Wear, NE33 5SH Classification: Builders' Merchants <b>Status: Inactive</b> Positional Accuracy: Automatically positioned in the proximity of the address	A19SE (NE)	893	-	435616 565504
225	<b>Contemporary Trade Directory Entries</b> Name: Garden Lane Garage Location: Evans Yard, Templetown, South Shields, Tyne and Wear, NE33 5SH Classification: Car Body Repairs <b>Status: Inactive</b> Positional Accuracy: Automatically positioned in the proximity of the address	A19SE (NE)	893	-	435616 565504
226	<b>Contemporary Trade Directory Entries</b> Name: Pizza Pack Location: Tyne View House, Templetown, South Shields, Tyne and Wear, NE33 5SH Classification: Boxes & Cartons <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A19NW (NE)	910	-	435579 565568

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
227	<b>Contemporary Trade Directory Entries</b> Name: P M C Cars Location: Unit 3, Nicholson Buildings, Mitre Place, South Shields, Tyne and Wear, NE33 5TB Classification: Car Dealers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A19NW (NE)	911	-	435542 565605
228	<b>Contemporary Trade Directory Entries</b> Name: Walter Metcalfe Location: Boldon Lane, South Shields, Tyne and Wear, NE33 4RE Classification: Wallpapers & Wall Coverings <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A14SE (E)	912	-	435867 564675
229	<b>Contemporary Trade Directory Entries</b> Name: Cast Tec Location: East Side, Tyne Dock, South Shields, Tyne and Wear, NE33 5SP Classification: Fireplaces & Mantelpieces <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A19NW (NE)	920	-	435357 565746
230	<b>Contemporary Trade Directory Entries</b> Name: Clean It Uk Location: Unit 9b, Tyne Point Industrial Estate, Shaftesbury Avenue, Jarrow, Tyne and Wear, NE32 3UP Classification: Waste Disposal Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7NW (SW)	936	-	434080 564381
230	<b>Contemporary Trade Directory Entries</b> Name: Clean It Uk Location: Unit 9b, Tyne Point Industrial Estate, Shaftesbury Avenue, Jarrow, Tyne and Wear, NE32 3UP Classification: Commercial Cleaning Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7NW (SW)	936	-	434080 564381
230	<b>Contemporary Trade Directory Entries</b> Name: North East Temperature Control Location: Unit 9b, Tyne Point Industrial Estate, Shaftesbury Avenue, Jarrow, Tyne and Wear, NE32 3UP Classification: Refrigerators & Freezers - Servicing & Repairs <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7NW (SW)	936	-	434080 564381
230	<b>Contemporary Trade Directory Entries</b> Name: Auto Doors Location: Unit 9c, Tyne Point Industrial Estate, Shaftesbury Avenue, Jarrow, NE32 3UP Classification: Cleaning Services - Domestic <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A7NW (SW)	943	-	434078 564369
230	<b>Contemporary Trade Directory Entries</b> Name: Hoover European Appliance Group Location: Unit 9c Tyne Point Ind Est, Shaftesbury Av, Jarrow, Tyne and Wear, NE32 3TH Classification: Domestic Appliances - Servicing, Repairs & Parts <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A7NW (SW)	943	-	434079 564368
230	<b>Contemporary Trade Directory Entries</b> Name: Gum Busters Location: 9B,9C Tyne Point Ind Est, Shaftesbury Av, Jarrow, Tyne and Wear, NE32 3UP Classification: Cleaning Services - Domestic <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A7NW (SW)	943	-	434079 564367
231	<b>Contemporary Trade Directory Entries</b> Name: Van Dalen (Uk) Ltd Location: Mitre Pl, South Shields, Tyne and Wear, NE33 5TB Classification: Recycling Centres <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A19NE (NE)	962	-	435633 565586
232	<b>Contemporary Trade Directory Entries</b> Name: Westoe Signs & Graphics Location: Unit 3 Ex Charles Taylor Foundry, South Shields, Tyne And Wear, NE33 5TE Classification: T-Shirts <b>Status: Active</b> Positional Accuracy: Manually positioned within the geographical locality	A19NW (NE)	979	-	435564 565677

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
232	<b>Contemporary Trade Directory Entries</b> Name: D S M Fabrications Location: Progress House, Templetown, South Shields, Tyne and Wear, NE33 5TE Classification: Sheet Metal Work <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A19NW (NE)	980	-	435564 565677
233	<b>Fuel Station Entries</b> Name: Redwood Service Station Location: Jarrow Road, South Shields, Tyne and Wear, NE34 9PS Brand: Gulf Premises Type: Petrol Station <b>Status: Open</b> Positional Accuracy: Manually positioned to the address or location	A13SW (SW)	61	-	434867 564782
234	<b>Fuel Station Entries</b> Name: Simonside Service Station Location: Newcastle Road, South Shields, Tyne and Wear, NE34 9QE Brand: ESSO Premises Type: Petrol Station <b>Status: Open</b> Positional Accuracy: Automatically positioned to the address	A13SE (SE)	300	-	435250 564731
235	<b>Fuel Station Entries</b> Name: Reef Service Station Location: Hudson Street, West Harton,, SOUTH SHIELDS, Tyne & Wear, NE34 0AG Brand: Obsolete Premises Type: Not Applicable <b>Status: Obsolete</b> Positional Accuracy: Manually positioned to the address or location	A14NW (E)	635	-	435600 564914
236	<b>Points of Interest - Commercial Services</b> Name: Car Wash Location: Jarrow Road, South Shields, NE34 9PS Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A13SW (SW)	61	8	434867 564782
236	<b>Points of Interest - Commercial Services</b> Name: Redwood Service Station Location: Jarrow Road, South Shields, NE34 9PS Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A13SW (SW)	64	8	434872 564775
237	<b>Points of Interest - Commercial Services</b> Name: Robinson & Hannon Location: West Side, Tyne Dock, South Shields, NE34 9PJ Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A13SW (W)	136	8	434763 564853
238	<b>Points of Interest - Commercial Services</b> Name: European Metal Recycling Ltd Location: West Side, Tyne Dock, South Shields, NE34 9PL Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A13NE (NE)	158	8	435037 565046
238	<b>Points of Interest - Commercial Services</b> Name: E M R Location: West Side, Tyne Dock, South Shields, NE34 9PL Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A13NE (NE)	158	8	435037 565046
239	<b>Points of Interest - Commercial Services</b> Name: S Jennings Ltd Location: Newcastle Road, South Shields, NE34 9PQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (SE)	198	8	435140 564735
239	<b>Points of Interest - Commercial Services</b> Name: Jennings - Ford Location: 1 Hobson Way, South Shields, NE34 9PQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (SE)	198	8	435140 564735



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
240	<b>Points of Interest - Commercial Services</b> Name: Motafix Location: Unit 19, Bede Trading Estate, Jarrow, NE32 3EG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SW (W)	278	8	434621 564822
240	<b>Points of Interest - Commercial Services</b> Name: Motafix Location: Unit 19, Bede Trading Estate, Jarrow, NE32 3EG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SW (W)	278	8	434621 564822
240	<b>Points of Interest - Commercial Services</b> Name: Motafix Garage Services Location: Unit 38/J Lindisfarne Court, Bede Trading Estate, Jarrow, NE32 3HG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SE (W)	314	8	434585 564809
240	<b>Points of Interest - Commercial Services</b> Name: A A P Fabrications Services Ltd Location: Bedesway, Bede Trading Estate, Jarrow, NE32 3EG Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A12SE (W)	332	8	434571 564782
241	<b>Points of Interest - Commercial Services</b> Name: Simonside Service Station Location: Newcastle Road, South Shields, NE34 9QE Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A13SE (SE)	288	8	435227 564707
241	<b>Points of Interest - Commercial Services</b> Name: Car Wash Location: Newcastle Road, South Shields, NE34 9QE Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A13SE (SE)	300	8	435250 564731
242	<b>Points of Interest - Commercial Services</b> Name: Maritime Transport Location: West Side, Tyne Dock, South Shields, NE34 9PL Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NE (NE)	299	8	435150 565133
242	<b>Points of Interest - Commercial Services</b> Name: E M R Ltd Location: Tyne Dock, South Shields, NE34 0AB Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A13NE (NE)	299	8	435150 565133
243	<b>Points of Interest - Commercial Services</b> Name: Vic Young Ltd Location: 19 Newcastle Road, South Shields, NE34 9QE Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A13SE (SE)	301	8	435204 564648
244	<b>Points of Interest - Commercial Services</b> Name: Port of Tyne Location: Merchant House, Tyne Dock, South Shields, NE34 9PY Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NE (NE)	303	8	435229 565038
244	<b>Points of Interest - Commercial Services</b> Name: Port of Tyne Logistics Services Location: Merchant House, Tyne Dock, South Shields, NE34 9PY Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NE (NE)	303	8	435229 565038
244	<b>Points of Interest - Commercial Services</b> Name: Logistics Distribution Ltd Location: Merchant House, Tyne Dock, South Shields, NE34 9PY Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NE (NE)	303	8	435229 565038

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
245	<b>Points of Interest - Commercial Services</b> Name: Twin City Motorcycles Ltd Location: Unit 40/F Lindsifarne Court, Bede Trading Estate, Jarrow, NE32 3HG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SE (W)	329	8	434569 564871
246	<b>Points of Interest - Commercial Services</b> Name: Northern Truck Bodies Location: 17 Elswick Way Industrial Estate, Newcastle Road, South Shields, NE34 0LW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (SE)	397	8	435254 564560
247	<b>Points of Interest - Commercial Services</b> Name: Denholm Barwil Ltd Location: Keel House, Tyne Dock, South Shields, NE34 9PY Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14NW (E)	398	8	435357 564959
248	<b>Points of Interest - Commercial Services</b> Name: Academy Craft Location: Unit 3 Pilgrimsway, Bede Trading Estate, Jarrow, NE32 3HG Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12NE (W)	422	8	434472 564920
248	<b>Points of Interest - Commercial Services</b> Name: Academy Craft Location: Unit 3 Pilgrimsway, Bede Trading Estate, Jarrow, NE32 3HG Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12NE (W)	422	8	434472 564920
249	<b>Points of Interest - Commercial Services</b> Name: Waste Electrical Recycling Services Location: Unit 9, Elswick Way Industrial Estate, South Shields, NE34 0LW Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A14SW (SE)	444	8	435347 564603
249	<b>Points of Interest - Commercial Services</b> Name: Minnikin IT Recycling Location: 9 Elswick Way Industrial Estate, Newcastle Road, South Shields, NE34 0LW Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A14SW (SE)	448	8	435349 564598
250	<b>Points of Interest - Commercial Services</b> Name: Industrial Remote Control Systems Ltd Location: 5 Finlay Court, South Shields, NE34 9QA Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A8NW (S)	444	8	434768 564409
251	<b>Points of Interest - Commercial Services</b> Name: Premier Direct Ltd Location: 109 Newcastle Road, South Shields, NE34 9AA Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A8NE (S)	465	8	434995 564373
252	<b>Points of Interest - Commercial Services</b> Name: V V R Ltd Location: 6 Waldridge Way, South Shields, NE34 9PZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NE (SW)	487	8	434583 564464
253	<b>Points of Interest - Commercial Services</b> Name: Walon Location: Jarrow Road, South Shields, NE34 9PS Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12NE (W)	489	8	434421 565056
254	<b>Points of Interest - Commercial Services</b> Name: A2B Logistics Ltd Location: Storefreight Complex, Newcastle Road, South Shields, NE34 9PB Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A8NW (SW)	550	8	434628 564355

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
255	<b>Points of Interest - Commercial Services</b> Name: Miko Engineering Ltd Location: Unit 46 Cuthbert Court, Bede Trading Estate, Jarrow, NE32 3EG Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A12SE (SW)	555	8	434391 564609
256	<b>Points of Interest - Commercial Services</b> Name: Fairmont Shipping UK Ltd Location: Navigation House, Tyne Dock, South Shields, NE34 0AB Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14NW (E)	601	8	435546 565044
256	<b>Points of Interest - Commercial Services</b> Name: Adams Location: Navigation House, Tyne Dock, South Shields, NE34 0AB Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14NE (E)	669	8	435608 565073
256	<b>Points of Interest - Commercial Services</b> Name: Adams Duncan Ltd Location: Navigation House, Tyne Dock, South Shields, NE34 0AB Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14NE (E)	669	8	435608 565073
256	<b>Points of Interest - Commercial Services</b> Name: Catalyst Rail Services Ltd Location: 101 Navigation House, Tyne Dock, South Shields, Tyne And Wear, NE34 0AB Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14NE (E)	669	8	435608 565073
256	<b>Points of Interest - Commercial Services</b> Name: Denholm Wilhelmsen Ltd Location: Navigation House, Tyne Dock, South Shields, NE34 0AB Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14NE (E)	669	8	435608 565073
257	<b>Points of Interest - Commercial Services</b> Name: Glendale Transport UK Ltd Location: 3 Throckley Way, Middlefields Industrial Estate, South Shields, NE34 0NU Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A9NW (SE)	652	8	435538 564518
257	<b>Points of Interest - Commercial Services</b> Name: Glendale Transport UK Ltd Location: 3 Throckley Way, Middlefields Industrial Estate, South Shields, NE34 0NU Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A9NW (SE)	652	8	435538 564518
258	<b>Points of Interest - Commercial Services</b> Name: The Hand Car Wash Location: Hudson Street, South Shields, NE34 0AD Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A14NE (E)	653	8	435621 564890
259	<b>Points of Interest - Commercial Services</b> Name: Casttec Ltd Location: Unit 3/B East Side, Tyne Dock, South Shields, NE33 5SP Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14NW (NE)	666	8	435572 565164
260	<b>Points of Interest - Commercial Services</b> Name: Prestige German Cars Location: 11 Shaftesbury Avenue, South Shields, NE34 9PH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NE (SW)	691	8	434516 564259
261	<b>Points of Interest - Commercial Services</b> Name: Prestige Cars Location: Unit 1a Tyne Point Industrial Estate, Shaftesbury Avenue, Jarrow, NE32 3UP Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NE (SW)	750	8	434312 564367

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
262	<b>Points of Interest - Commercial Services</b> Name: Kaytu Systems Ltd Location: 6a-6b, Throckley Way, Middlefields Industrial Estate, South Shields, NE34 0NU Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A9NE (SE)	765	8	435664 564515
263	<b>Points of Interest - Commercial Services</b> Name: IMO - arc Clean Car Centres Location: Towers Place, South Shields, NE34 9QD Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A7SE (SW)	784	8	434515 564150
263	<b>Points of Interest - Commercial Services</b> Name: Arc Car Wash Location: Towers Place, South Shields, NE34 9QD Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A7SE (SW)	784	8	434515 564150
263	<b>Points of Interest - Commercial Services</b> Name: IMO - arc Clean Car Centres Location: Towers Place, South Shields, NE34 9QD Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A7SE (SW)	784	8	434515 564150
264	<b>Points of Interest - Commercial Services</b> Name: Port of Tyne Containers Location: Tyne Dock, South Shields, NE33 5SP Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A19SW (NE)	785	8	435485 565486
265	<b>Points of Interest - Commercial Services</b> Name: D & E Autos Location: Unit 1, Mitre Place, South Shields, NE33 5TB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	811	8	435572 565430
265	<b>Points of Interest - Commercial Services</b> Name: D & E Autos Location: Unit 1, Mitre Place, South Shields, NE33 5TB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	811	8	435572 565430
265	<b>Points of Interest - Commercial Services</b> Name: Tyne View Garage Location: Templetown, South Shields, Tyne And Wear, NE33 5SH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SE (NE)	827	8	435617 565400
265	<b>Points of Interest - Commercial Services</b> Name: Tyne View Garage Location: Unit 2, Mitre Place, South Shields, NE33 5TB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	847	8	435603 565450
265	<b>Points of Interest - Commercial Services</b> Name: Lamb International Ltd Location: Unit 2, Mitre Place, South Shields, NE33 5TB Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A19SW (NE)	847	8	435603 565450
265	<b>Points of Interest - Commercial Services</b> Name: Tyne View Garage Location: Unit 2, Mitre Place, South Shields, NE33 5TB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	847	8	435603 565450
265	<b>Points of Interest - Commercial Services</b> Name: Tyne View Garage Location: Unit 2, Mitre Place, South Shields, NE33 5TB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	847	8	435603 565450

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
265	<b>Points of Interest - Commercial Services</b> Name: Gl Motors Location: Unit 4, Mitre Place, South Shields, NE33 5TB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SE (NE)	867	8	435629 565449
265	<b>Points of Interest - Commercial Services</b> Name: G L Motors Location: Unit 4, Mitre Place, South Shields, NE33 5TB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SE (NE)	867	8	435629 565449
265	<b>Points of Interest - Commercial Services</b> Name: Rippons Location: 10 Mitre Place, South Shields, NE33 5TB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SE (NE)	874	8	435668 565410
265	<b>Points of Interest - Commercial Services</b> Name: J & L Automobile Auto Services Mechanic Electric Repairs Location: Unit 10, Mitre Place, South Shields, NE33 5TB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SE (NE)	874	8	435668 565410
265	<b>Points of Interest - Commercial Services</b> Name: D Parker Location: Unit 10, Mitre Place, South Shields, NE33 5TB Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A19SE (NE)	874	8	435668 565410
265	<b>Points of Interest - Commercial Services</b> Name: Garden Lane Garage Location: 4 Evans Yard, Templetown, South Shields, NE33 5SH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SE (NE)	892	8	435635 565481
265	<b>Points of Interest - Commercial Services</b> Name: Garden Lane Garage Location: 5 Evans Yard, Templetown, South Shields, NE33 5SH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SE (NE)	892	8	435635 565481
265	<b>Points of Interest - Commercial Services</b> Name: Temple Town Autos Location: Unit 3, Mitre Place, South Shields, NE33 5TB Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A19SE (NE)	912	8	435680 565457
266	<b>Points of Interest - Commercial Services</b> Name: Fast Fit Motor Centre Location: Unit 6 Tyne Point Industrial Estate, Shaftesbury Avenue, Jarrow, NE32 3RA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NW (SW)	846	8	434226 564321
266	<b>Points of Interest - Commercial Services</b> Name: Fast Fit Motor Centre Location: Unit 6 Tyne Point Industrial Estate, Shaftesbury Avenue, Jarrow, NE32 3RA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NW (SW)	846	8	434226 564321
266	<b>Points of Interest - Commercial Services</b> Name: L P G North East Location: Unit 6b Tyne Point Industrial Estate, Shaftesbury Avenue, Jarrow, NE32 3UP Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NW (SW)	861	8	434201 564330
267	<b>Points of Interest - Commercial Services</b> Name: Ken Oates Garage Location: 1 Henderson Road, South Shields, NE34 9QL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7SE (SW)	867	8	434536 564046

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
268	<b>Points of Interest - Commercial Services</b> Name: Crash Magic Location: Unit 20, Mitre Place, South Shields, NE33 5TB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SE (NE)	872	8	435683 565385
269	<b>Points of Interest - Commercial Services</b> Name: B R G Location: 5 Nicholson Buildings, South Shields, Tyne And Wear, NE33 5BD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19NW (NE)	910	8	435542 565604
269	<b>Points of Interest - Commercial Services</b> Name: B R G Automotive Servicing & Repair Location: 4 Nicholson Buildings, South Shields, NE33 5BD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19NW (NE)	911	8	435542 565605
269	<b>Points of Interest - Commercial Services</b> Name: Autoservices Location: Unit 5b, Templetown, South Shields, NE33 5SE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19NW (NE)	954	8	435599 565610
269	<b>Points of Interest - Commercial Services</b> Name: Durham Sheet Metal Works Ltd Location: Progress House, Templetown, South Shields, NE33 5TE Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A19NW (NE)	980	8	435564 565677
269	<b>Points of Interest - Commercial Services</b> Name: D S M Fabrications Location: Progress House, Templetown, South Shields, NE33 5TE Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A19NW (NE)	980	8	435564 565677
270	<b>Points of Interest - Commercial Services</b> Name: Van Dalen UK Location: Unit 17, Mitre Place, South Shields, NE33 5TB Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A19NE (NE)	941	8	435628 565561
270	<b>Points of Interest - Commercial Services</b> Name: Peters Coachworks Location: Unit 2, Mitre Place, South Shields, NE33 5TB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19NE (NE)	971	8	435658 565574
271	<b>Points of Interest - Manufacturing and Production</b> Name: Tanks Location: NE34 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	0	8	434943 564866
271	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: NE34 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A13SE (S)	10	8	434936 564831
271	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SE (S)	13	8	434935 564827
271	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SE (E)	25	8	434991 564873

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
271	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: NE34 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SE (E)	25	8	434991 564873
272	<b>Points of Interest - Manufacturing and Production</b> Name: Richard Hamblin Ltd Location: West Side, Tyne Dock, South Shields, Tyne & Wear, NE34 9PL Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location	A13SE (E)	144	8	435110 564880
272	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NE (E)	147	8	435113 564885
273	<b>Points of Interest - Manufacturing and Production</b> Name: Richard Hamblin Ltd Location: West Side, Tyne Dock, South Shields, NE34 9PL Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location	A13NE (NE)	158	8	435037 565046
274	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	183	8	434745 564734
274	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: NE32 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	183	8	434745 564734
274	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	187	8	434718 564784
274	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: NE32 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	187	8	434718 564784
274	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	209	8	434722 564723
274	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: NE32 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	209	8	434722 564723
274	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SW (W)	240	8	434664 564782
274	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: NE32 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SW (W)	240	8	434664 564783

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
275	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE34 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13SE (E)	267	8	435235 564871
275	<b>Points of Interest - Manufacturing and Production</b> Name: Tanks Location: NE34 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13SE (E)	267	8	435235 564871
275	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: NE34 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NE (E)	294	8	435261 564883
275	<b>Points of Interest - Manufacturing and Production</b> Name: Tanks Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NE (E)	299	8	435265 564888
275	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	319	8	435289 564839
275	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: NE34 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	319	8	435289 564839
276	<b>Points of Interest - Manufacturing and Production</b> Name: Factory Location: NE32 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A13SW (SW)	315	8	434622 564684
276	<b>Points of Interest - Manufacturing and Production</b> Name: Factory Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	322	8	434618 564677
277	<b>Points of Interest - Manufacturing and Production</b> Name: Richard Hamblin Ltd Location: Elswick Way Industrial Estate, Newcastle Road, South Shields, NE34 0LW Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location	A13SE (SE)	341	8	435189 564575
278	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	384	8	434518 564781
278	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: NE32 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	387	8	434514 564792
279	<b>Points of Interest - Manufacturing and Production</b> Name: Elswick Way Industrial Estate Location: NE34 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A14SW (SE)	384	8	435324 564689



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
280	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE34 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	449	8	434831 565375
280	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE34 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	450	8	434813 565374
280	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE34 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	450	8	434822 565375
280	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE34 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	451	8	434806 565373
280	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE34 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	453	8	434797 565373
280	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE34 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	458	8	434822 565383
280	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE34 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	458	8	434813 565382
280	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE34 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	458	8	434829 565384
280	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE34 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	460	8	434797 565381
280	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE34 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	460	8	434804 565382
281	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE34 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	494	8	434816 565419
281	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE34 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	495	8	434802 565417

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
281	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE34 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	496	8	434788 565416
281	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE34 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	508	8	434814 565433
281	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE34 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	510	8	434801 565432
281	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE34 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	511	8	434786 565430
281	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE34 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	523	8	434812 565447
281	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE34 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	524	8	434785 565444
281	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE34 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	524	8	434800 565446
281	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE34 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	537	8	434811 565461
281	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE34 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	537	8	434800 565460
281	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE34 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	539	8	434783 565458
281	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE34 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	561	8	434753 565474
281	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE34 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	566	8	434776 565485

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
281	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE34 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	566	8	434822 565492
281	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE34 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	566	8	434813 565491
281	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE34 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	566	8	434806 565490
281	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE34 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	567	8	434797 565490
281	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE34 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	574	8	434814 565499
281	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE34 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	574	8	434821 565500
281	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE34 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	574	8	434804 565498
281	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE34 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	576	8	434797 565499
281	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE34 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	576	8	434789 565497
281	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE34 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	579	8	434767 565496
281	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE34 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	583	8	434748 565495
282	<b>Points of Interest - Manufacturing and Production</b> Name: Bede Industrial Estate Location: NE32 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	496	8	434426 564683

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
283	<b>Points of Interest - Manufacturing and Production</b> Name: Industrial Estate Location: NE34 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A8NW (SW)	598	8	434634 564298
284	<b>Points of Interest - Manufacturing and Production</b> Name: Middlefields Industrial Estate Location: NE34 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	631	8	435486 564475
285	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE34 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	681	8	435640 564716
286	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE33 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	726	8	435125 565631
287	<b>Points of Interest - Manufacturing and Production</b> Name: Factory Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	752	8	434317 564358
287	<b>Points of Interest - Manufacturing and Production</b> Name: Factory Location: NE32 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A7NE (SW)	754	8	434313 564360
287	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	769	8	434309 564340
287	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: NE32 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	769	8	434309 564340
287	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	782	8	434303 564328
287	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: NE32 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	782	8	434303 564328
288	<b>Points of Interest - Manufacturing and Production</b> Name: Simonside Industrial Estate Location: NE32 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A7NW (SW)	790	8	434172 564524
289	<b>Points of Interest - Manufacturing and Production</b> Name: Industrial Estate Location: NE32 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A7NW (SW)	857	8	434254 564270

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
290	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE33 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	871	8	435103 565786
291	<b>Points of Interest - Manufacturing and Production</b> Name: Industrial Estate Location: NE33 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	905	8	435598 565541
291	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	918	8	435553 565604
291	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: NE33 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	918	8	435553 565605
291	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	980	8	435561 565680
291	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: NE33 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	980	8	435561 565680
292	<b>Points of Interest - Manufacturing and Production</b> Name: Mitre Industrial Estate Location: NE33 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	912	8	435689 565445
293	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A7NW (SW)	930	8	434075 564402
293	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: NE32 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A7NW (SW)	930	8	434075 564403
294	<b>Points of Interest - Public Infrastructure</b> Name: Outfall Location: NE34 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	17	8	434882 564855
294	<b>Points of Interest - Public Infrastructure</b> Name: Redwood Service Station Location: Jarrow Road, South Shields, NE34 9PS Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13SW (SW)	59	8	434868 564784
294	<b>Points of Interest - Public Infrastructure</b> Name: Fina Service Stations Ltd Location: Jarrow Road, South Shields, NE34 9PS Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13SW (SW)	59	8	434868 564784

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
294	<b>Points of Interest - Public Infrastructure</b> Name: Redwood Service Station Location: Jarrow Road, South Shields, NE34 9PS Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13SW (SW)	61	8	434867 564782
295	<b>Points of Interest - Public Infrastructure</b> Name: Biffa Ltd Location: Newcastle Road, South Shields, NE34 9PQ Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A13SE (SE)	198	8	435140 564735
296	<b>Points of Interest - Public Infrastructure</b> Name: Simonside Service Station Location: Newcastle Road, South Shields, NE34 9QE Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13SE (SE)	299	8	435250 564732
296	<b>Points of Interest - Public Infrastructure</b> Name: Simonside Service Station Location: Newcastle Road, South Shields, NE34 9QE Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13SE (SE)	299	8	435250 564732
296	<b>Points of Interest - Public Infrastructure</b> Name: Esso Location: Newcastle Road, South Shields, NE34 9QE Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13SE (SE)	300	8	435250 564731
296	<b>Points of Interest - Public Infrastructure</b> Name: Simonside Service Station Location: Newcastle Road, South Shields, NE34 9QE Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13SE (SE)	300	8	435250 564731
297	<b>Points of Interest - Public Infrastructure</b> Name: Refuse Disposal Works Location: NE34 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	568	8	435534 564775
298	<b>Points of Interest - Public Infrastructure</b> Name: Biffa Waste Services Ltd Location: Simonside Industrial Estate, Shaftesbury Avenue, South Shields, NE34 9PH Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A7NE (SW)	678	8	434489 564294
298	<b>Points of Interest - Public Infrastructure</b> Name: Biffa Waste Services Ltd Location: Simonside Industrial Estate, Shaftesbury Avenue, South Shields, NE34 9PH Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A7NE (SW)	678	8	434489 564294
299	<b>Points of Interest - Public Infrastructure</b> Name: Recycling Centre Location: Throckley Way, NE34 Category: Infrastructure and Facilities Class Code: Recycling Centres Positional Accuracy: Positioned to address or location	A9NW (SE)	810	8	435569 564292
300	<b>Points of Interest - Public Infrastructure</b> Name: Tesco Stores Ltd Location: Towers Place, South Shields, NE34 9QD Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A7SE (SW)	811	8	434409 564188
301	<b>Points of Interest - Public Infrastructure</b> Name: Van Dalen UK Location: Unit 17, Mitre Place, South Shields, NE33 5TB Category: Infrastructure and Facilities Class Code: Recycling Centres Positional Accuracy: Positioned to address or location	A19NE (NE)	941	8	435628 565561

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
302	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	841	8	435689 565318
302	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Devonshire Street, NE33 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	841	8	435689 565319
303	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	844	8	435236 564036

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



<b>Agency &amp; Hydrological</b>	<b>Version</b>	<b>Update Cycle</b>
<b>Water Industry Act Referrals</b> Environment Agency - North East Region	January 2016	Quarterly
<b>Groundwater Vulnerability</b> Environment Agency - Head Office	April 2015	Not Applicable
<b>Drift Deposits</b> Environment Agency - Head Office	January 1999	Not Applicable
<b>Bedrock Aquifer Designations</b> British Geological Survey - National Geoscience Information Service	August 2015	As notified
<b>Superficial Aquifer Designations</b> British Geological Survey - National Geoscience Information Service	August 2015	As notified
<b>Source Protection Zones</b> Environment Agency - Head Office	January 2016	Quarterly
<b>Extreme Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	February 2016	Quarterly
<b>Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	February 2016	Quarterly
<b>Areas Benefiting from Flood Defences</b> Environment Agency - Head Office	February 2016	Quarterly
<b>Flood Water Storage Areas</b> Environment Agency - Head Office	February 2016	Quarterly
<b>Flood Defences</b> Environment Agency - Head Office	February 2016	Quarterly
<b>Detailed River Network Lines</b> Environment Agency - Head Office	March 2012	Annually
<b>Detailed River Network Offline Drainage</b> Environment Agency - Head Office	March 2012	Annually
<b>Surface Water 1 in 30 year Flood Extent</b> Environment Agency - Head Office	October 2013	As notified
<b>Surface Water 1 in 100 year Flood Extent</b> Environment Agency - Head Office	October 2013	As notified
<b>Surface Water 1 in 1000 year Flood Extent</b> Environment Agency - Head Office	October 2013	As notified
<b>Surface Water Suitability</b> Environment Agency - Head Office	October 2013	As notified
<b>BGS Groundwater Flooding Susceptibility</b> British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
<b>BGS Recorded Landfill Sites</b> British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
<b>Historical Landfill Sites</b> Environment Agency - Head Office	March 2016	Quarterly
<b>Integrated Pollution Control Registered Waste Sites</b> Environment Agency - North East Region	October 2008	Not Applicable
<b>Licensed Waste Management Facilities (Landfill Boundaries)</b> Environment Agency - North East Region - North East Area Environment Agency - North East Region - Northumbria Area	February 2016 February 2016	Quarterly Quarterly
<b>Licensed Waste Management Facilities (Locations)</b> Environment Agency - North East Region - North East Area Environment Agency - North East Region - Northumbria Area	January 2016 January 2016	Quarterly Quarterly
<b>Local Authority Landfill Coverage</b> City of Newcastle upon Tyne Council - Environmental Health Department Gateshead Metropolitan Borough Council - Development Control North Tyneside Metropolitan Borough Council - Environmental Health Department South Tyneside Metropolitan Borough Council - Planning Department Sunderland City Metropolitan Borough Council - Environmental Health Department	May 2000 May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
<b>Local Authority Recorded Landfill Sites</b> City of Newcastle upon Tyne Council - Environmental Health Department Gateshead Metropolitan Borough Council - Development Control North Tyneside Metropolitan Borough Council - Environmental Health Department South Tyneside Metropolitan Borough Council - Planning Department Sunderland City Metropolitan Borough Council - Environmental Health Department	May 2000 May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
<b>Potentially Infilled Land (Non-Water)</b> Landmark Information Group Limited	December 1999	Not Applicable
<b>Potentially Infilled Land (Water)</b> Landmark Information Group Limited	December 1999	Not Applicable
<b>Registered Landfill Sites</b> Environment Agency - North East Region - Northumbria Area	March 2003	Not Applicable
<b>Registered Waste Transfer Sites</b> Environment Agency - North East Region - Northumbria Area	March 2003	Not Applicable
<b>Registered Waste Treatment or Disposal Sites</b> Environment Agency - North East Region - Northumbria Area	March 2003	Not Applicable

Hazardous Substances	Version	Update Cycle
<b>Control of Major Accident Hazards Sites (COMAH)</b> Health and Safety Executive	February 2016	Bi-Annually
<b>Explosive Sites</b> Health and Safety Executive	February 2016	Bi-Annually
<b>Notification of Installations Handling Hazardous Substances (NIHHS)</b> Health and Safety Executive	November 2000	Not Applicable
<b>Planning Hazardous Substance Enforcements</b> City of Newcastle upon Tyne Council Gateshead Metropolitan Borough Council - Development Control North Tyneside Metropolitan Borough Council - Development Function South Tyneside Metropolitan Borough Council - Planning Department Sunderland City Metropolitan Borough Council - Planning	February 2016 February 2016 February 2016 February 2016 February 2016	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
<b>Planning Hazardous Substance Consents</b> City of Newcastle upon Tyne Council Gateshead Metropolitan Borough Council - Development Control North Tyneside Metropolitan Borough Council - Development Function South Tyneside Metropolitan Borough Council - Planning Department Sunderland City Metropolitan Borough Council - Planning	February 2016 February 2016 February 2016 February 2016 February 2016	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Geological	Version	Update Cycle
<b>BGS 1:625,000 Solid Geology</b> British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
<b>BGS Estimated Soil Chemistry</b> British Geological Survey - National Geoscience Information Service	October 2015	Annually
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	November 2015	Bi-Annually
<b>Brine Compensation Area</b> Cheshire Brine Subsidence Compensation Board	August 2011	Not Applicable
<b>Coal Mining Affected Areas</b> The Coal Authority - Property Searches	March 2014	As notified
<b>Mining Instability</b> Ove Arup & Partners	October 2000	Not Applicable
<b>Non Coal Mining Areas of Great Britain</b> British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	June 2015	Annually
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	June 2015	Annually
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	June 2015	Annually
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	June 2015	Annually
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	June 2015	Annually
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	June 2015	Annually
<b>Radon Potential - Radon Affected Areas</b> British Geological Survey - National Geoscience Information Service	July 2011	As notified
<b>Radon Potential - Radon Protection Measures</b> British Geological Survey - National Geoscience Information Service	July 2011	As notified

<b>Industrial Land Use</b>	<b>Version</b>	<b>Update Cycle</b>
<b>Contemporary Trade Directory Entries</b> Thomson Directories	March 2016	Quarterly
<b>Fuel Station Entries</b> Catalist Ltd - Experian	November 2015	Quarterly
<b>Gas Pipelines</b> National Grid	July 2014	Quarterly
<b>Points of Interest - Commercial Services</b> PointX	March 2016	Quarterly
<b>Points of Interest - Education and Health</b> PointX	March 2016	Quarterly
<b>Points of Interest - Manufacturing and Production</b> PointX	March 2016	Quarterly
<b>Points of Interest - Public Infrastructure</b> PointX	March 2016	Quarterly
<b>Points of Interest - Recreational and Environmental</b> PointX	March 2016	Quarterly
<b>Underground Electrical Cables</b> National Grid	January 2016	Bi-Annually

Sensitive Land Use	Version	Update Cycle
<b>Ancient Woodland</b> Natural England	June 2015	Bi-Annually
<b>Areas of Adopted Green Belt</b> City of Newcastle upon Tyne Council Gateshead Metropolitan Borough Council - Development Control North Tyneside Metropolitan Borough Council South Tyneside Metropolitan Borough Council - Planning Department Sunderland City Metropolitan Borough Council - Planning	January 2016 January 2016 January 2016 January 2016 January 2016	As notified As notified As notified As notified As notified
<b>Areas of Unadopted Green Belt</b> City of Newcastle upon Tyne Council Gateshead Metropolitan Borough Council - Development Control North Tyneside Metropolitan Borough Council South Tyneside Metropolitan Borough Council - Planning Department Sunderland City Metropolitan Borough Council - Planning	November 201 November 201 November 201 November 201 November 201	As notified As notified As notified As notified As notified
<b>Areas of Outstanding Natural Beauty</b> Natural England	April 2016	Bi-Annually
<b>Environmentally Sensitive Areas</b> Natural England	April 2016	Annually
<b>Forest Parks</b> Forestry Commission	April 1997	Not Applicable
<b>Local Nature Reserves</b> Natural England	April 2016	Bi-Annually
<b>Marine Nature Reserves</b> Natural England	April 2016	Bi-Annually
<b>National Nature Reserves</b> Natural England	April 2016	Bi-Annually
<b>National Parks</b> Natural England	March 2016	Bi-Annually
<b>Nitrate Sensitive Areas</b> Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	Not Applicable
<b>Nitrate Vulnerable Zones</b> Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	Annually
<b>Ramsar Sites</b> Natural England	April 2016	Bi-Annually
<b>Sites of Special Scientific Interest</b> Natural England	October 2015	Bi-Annually
<b>Special Areas of Conservation</b> Natural England	April 2016	Bi-Annually
<b>Special Protection Areas</b> Natural England	April 2016	Bi-Annually
<b>World Heritage Sites</b> English Heritage - National Monument Record Centre	September 2015	Bi-Annually

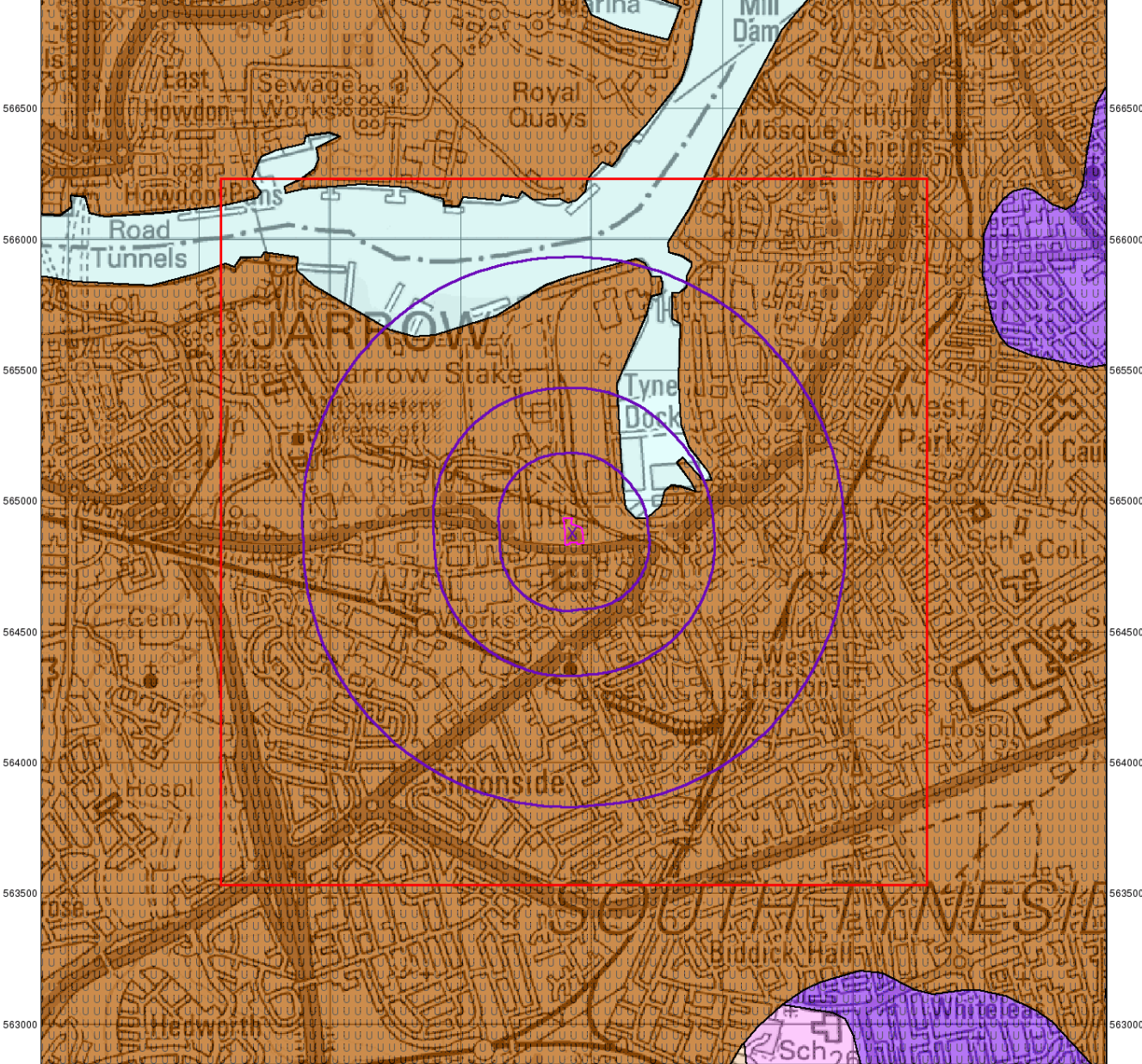
A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 <p><b>British Geological Survey</b> NATURAL ENVIRONMENT RESEARCH COUNCIL</p>
Centre for Ecology and Hydrology	 <p><b>Centre for Ecology &amp; Hydrology</b> NATURAL ENVIRONMENT RESEARCH COUNCIL</p>
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
2	<b>British Geological Survey - Enquiry Service</b> British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
3	<b>Environment Agency - National Customer Contact Centre (NCCC)</b> PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
4	<b>South Tyneside Metropolitan Borough Council - Environmental Health Department</b> Central Library Building, Prince George Square, South Shields, Tyne And Wear, NE33 2PE	Telephone: 0191 427 1717 Fax: 0191 427 7171 Website: www.s-tyneside-mbc.gov.uk
5	<b>South Tyneside Metropolitan Borough Council - Planning Department</b> Town Hall & Civic Offices, Westoe Road, South Shields, Tyne & Wear, NE33 2RL	Telephone: 0191 427 1717 Fax: 0191 427 7171 Website: www.s-tyneside-mbc.gov.uk
6	<b>Health and Safety Executive</b> 5S.2 Redgrave Court, Merton Road, Bootle, L20 7HS	Website: www.hse.gov.uk
7	<b>The Coal Authority - Property Searches</b> 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk
8	<b>PointX</b> 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
9	<b>Natural England</b> County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
10	<b>Environment Agency - Head Office</b> Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
-	<b>Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b> Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	<b>Landmark Information Group Limited</b> 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 / Natural Resources Wales / SEPA have a charging policy in place for enquiries.

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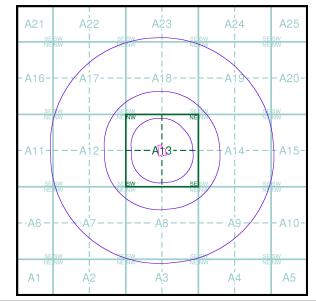


### Groundwater Vulnerability

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

- Agency and Hydrological**
- |   |  |
|---|--|
| <b>Geological Classes</b>                 | <b>Soil Classes</b>  |
| <b>Major Aquifer (Highly Permeable)</b>   | <ul style="list-style-type: none"> <li> High (H) 1, 2, 3, U</li> <li> Intermediate (I) 1, 2</li> <li> Low</li> </ul> |
| <b>Minor Aquifer (Variably Permeable)</b> | <ul style="list-style-type: none"> <li> High (H) 1, 2, 3, U</li> <li> Intermediate (I) 1, 2</li> <li> Low</li> </ul> |
| <b>Non Aquifer (Negligibly Permeable)</b> | Low  |
| <b>Water or Sea</b>                       |  |
| <b>Drift Deposit</b>                      |  |

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 84652687\_1.1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

### Site Details

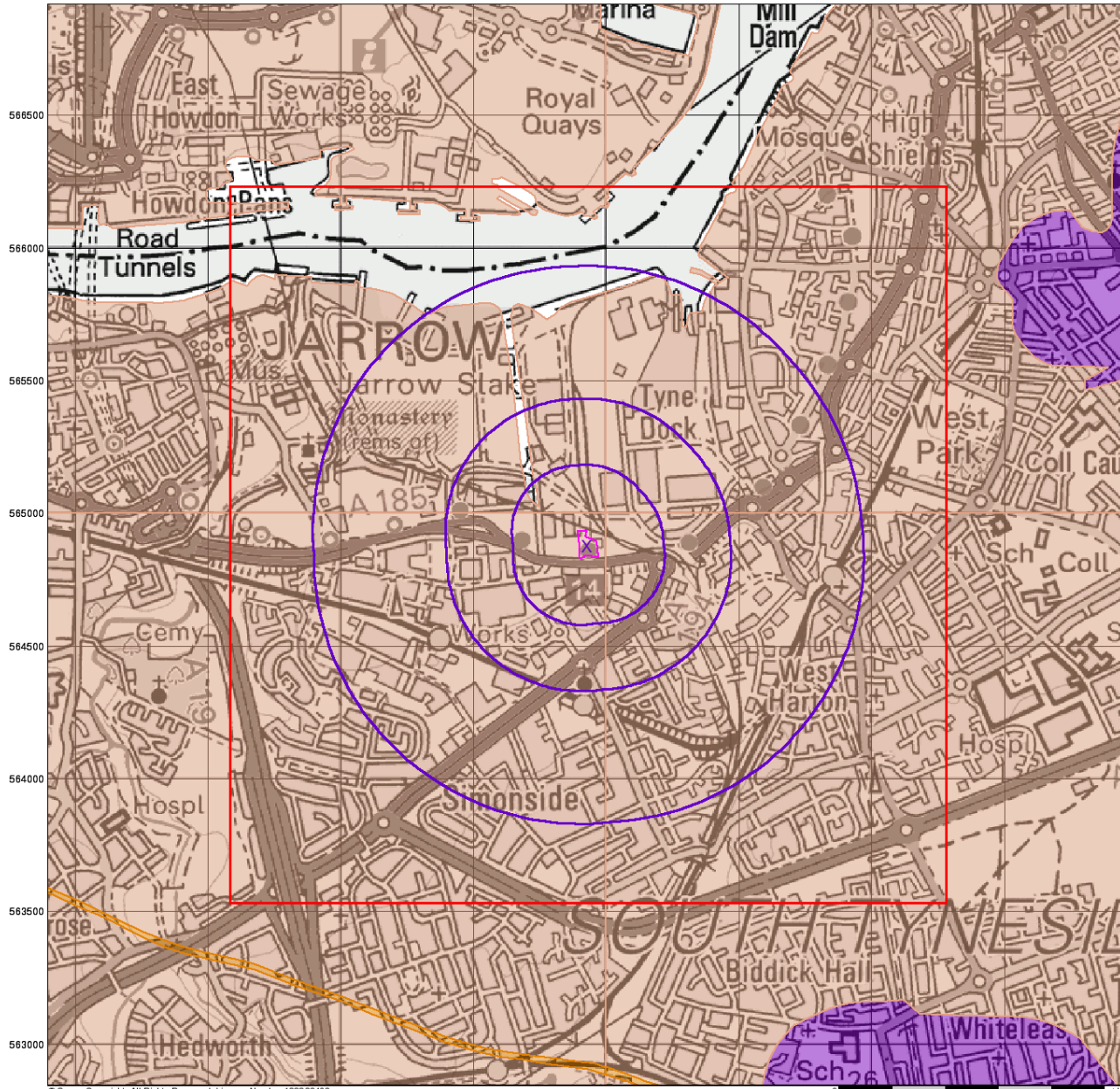
Jarrow Road, South Shields, NE34 9PS



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



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0 1 km



## Bedrock Aquifer Designation

### General

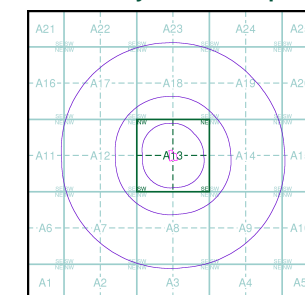
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

#### Geological Classes

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

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
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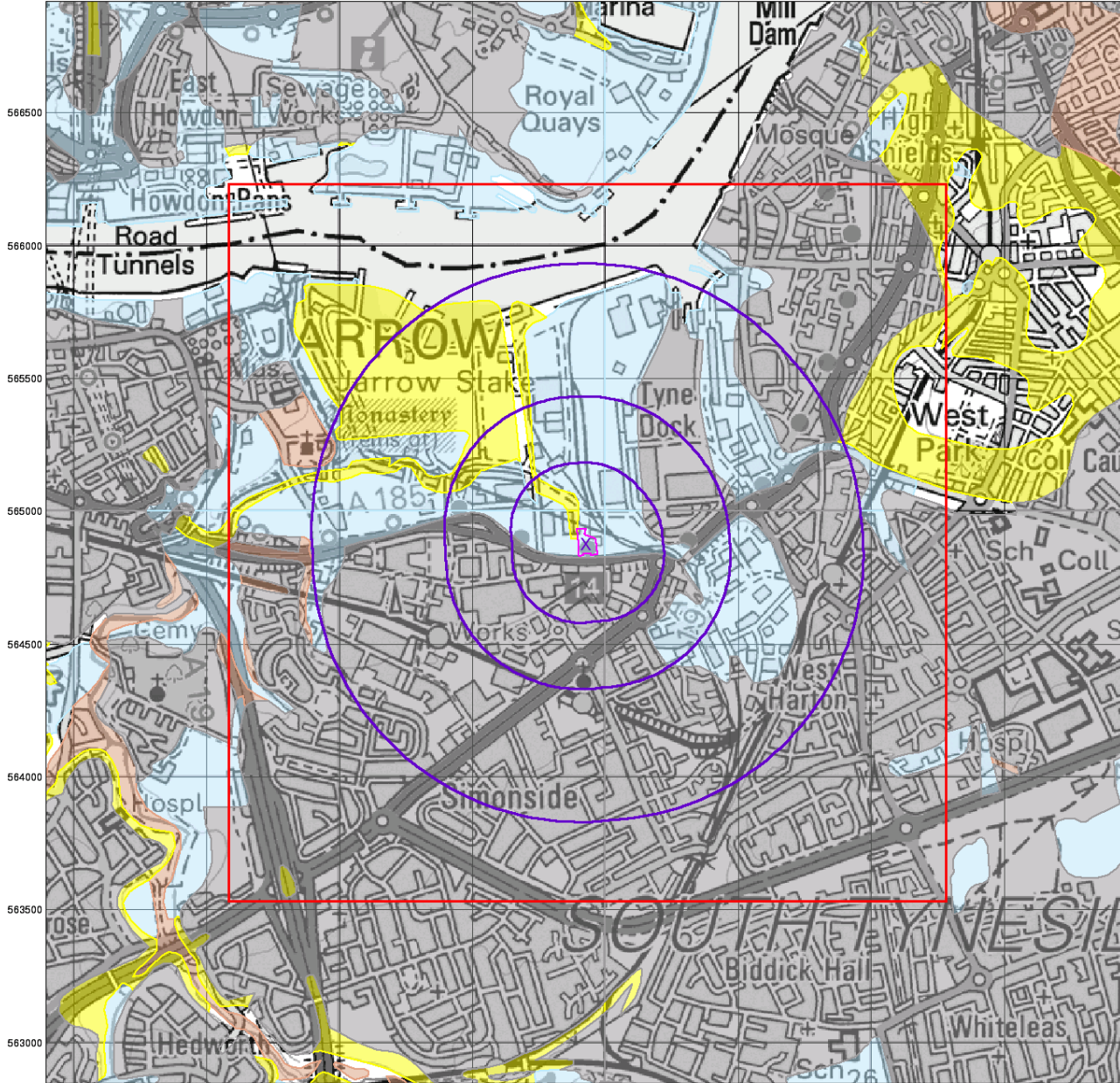
### Site Details

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0 1 km



## Superficial Aquifer Designation

### General

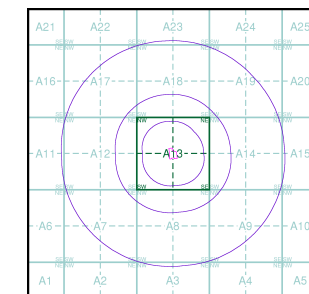
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

#### Geological Classes

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

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 84652687\_1.1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

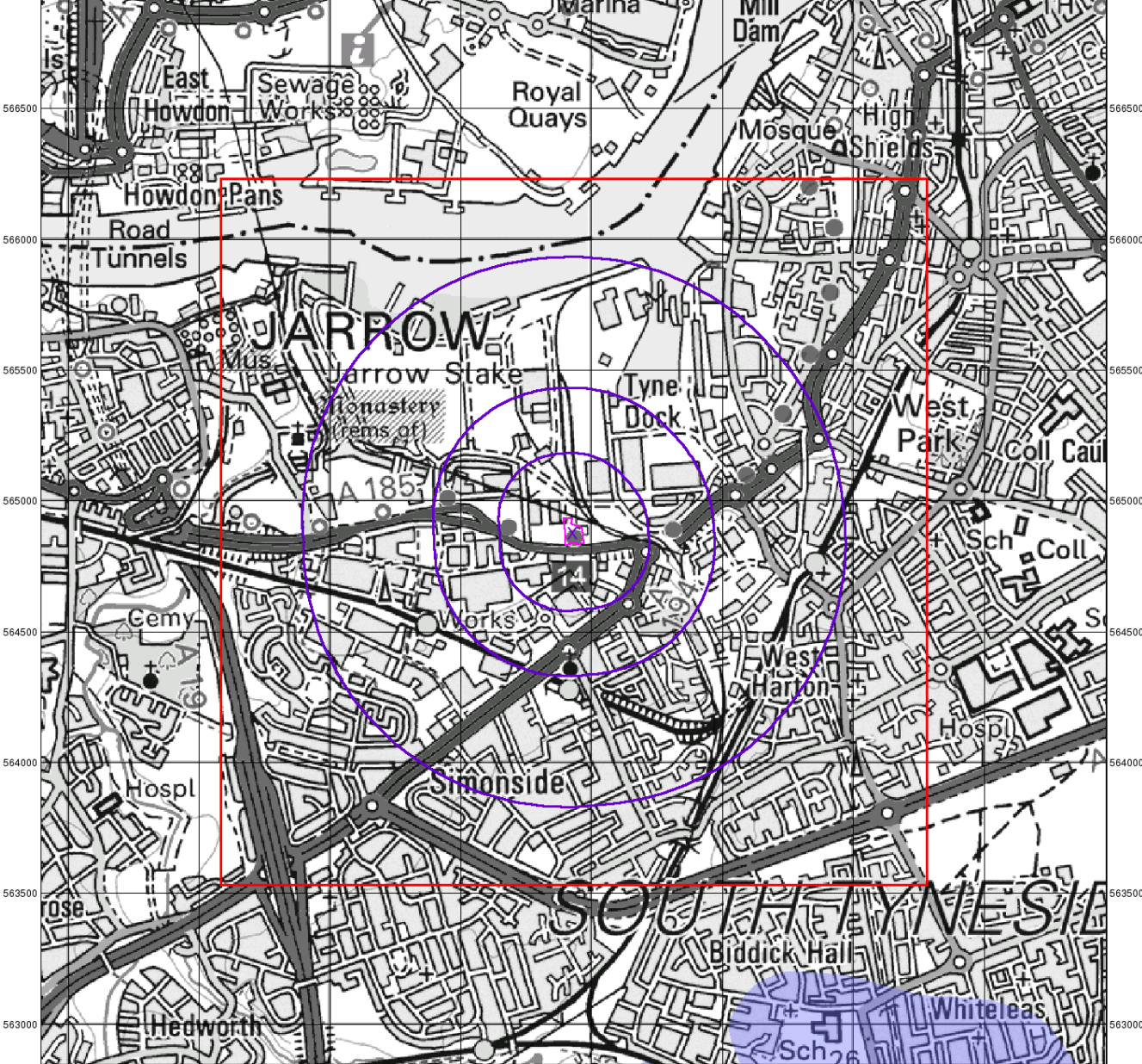
### Site Details

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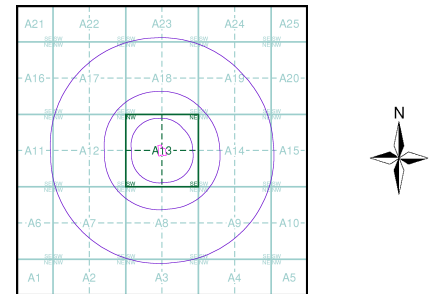
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### Source Protection Zones

- General**
- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point
  - Slice
  - Map ID
- Agency and Hydrological**
- Inner zone (Zone 1)
  - Inner zone - subsurface activity only (Zone 1c)
  - Outer zone (Zone 2)
  - Outer zone - subsurface activity only (Zone 2c)
  - Total catchment (Zone 3)
  - Total catchment - subsurface activity only (Zone 3c)
  - Special interest (Zone 4)
  - Source Protection Zone Borehole

### Site Sensitivity Context Map - Slice A



### Order Details

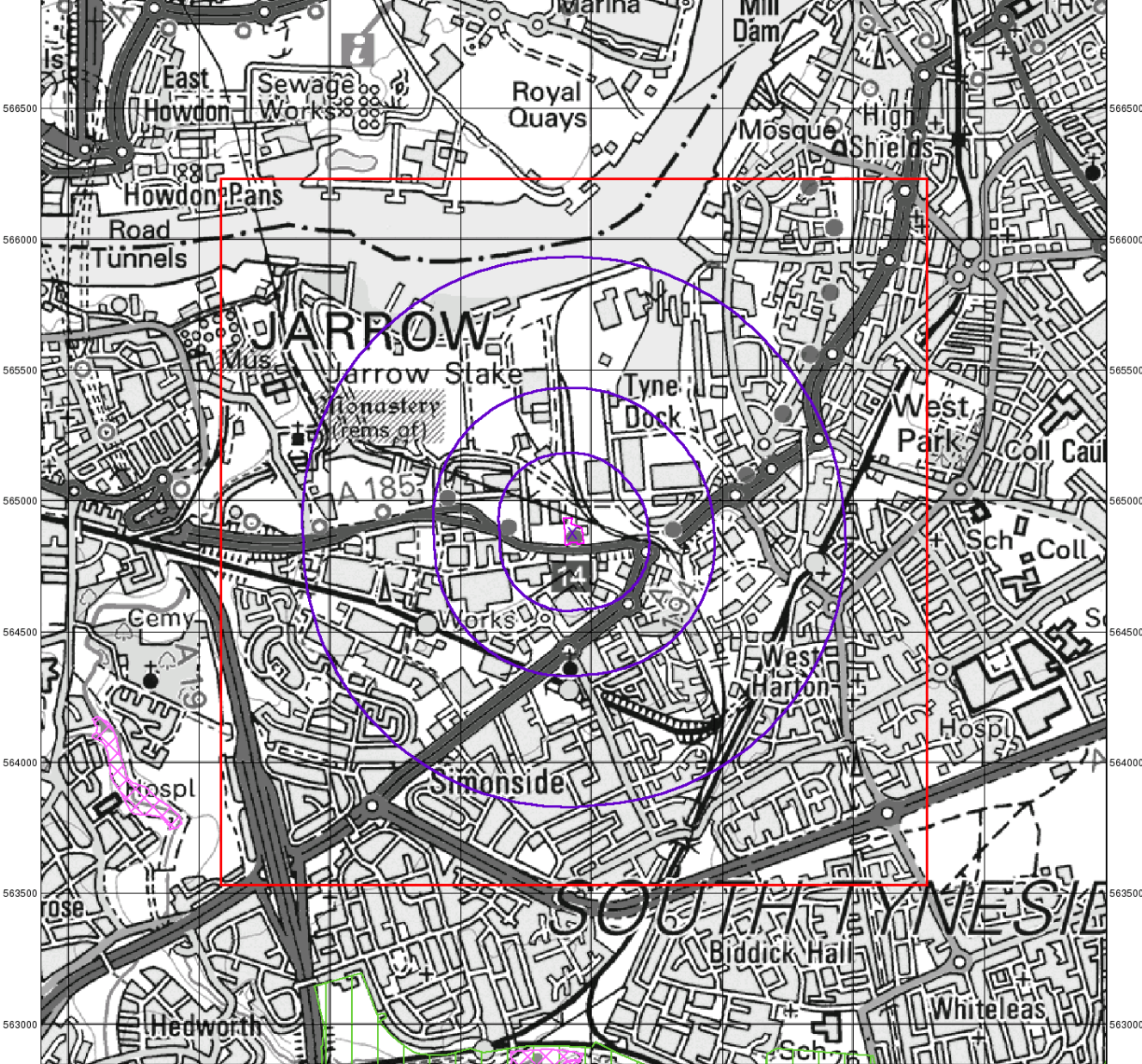
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 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

### Site Details

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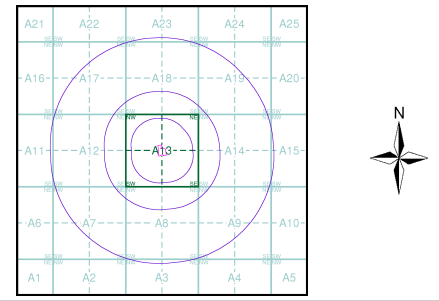
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**Sensitive Land Uses**

- General**
- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point
  - Slice
  - Map ID
- Sensitive Land Uses**
- Ancient Woodland
  - Area of Adopted Green Belt
  - Area of Unadopted Green Belt
  - Area of Outstanding Natural Beauty
  - Environmentally Sensitive Area
  - Forest Park
  - Local Nature Reserve
  - Marine Nature Reserve
  - National Nature Reserve
  - National Park
  - Nitrate Sensitive Area
  - Nitrate Vulnerable Zone
  - Ramsar Site
  - Site of Special Scientific Interest
  - Special Area of Conservation
  - Special Protection Area
  - World Heritage Sites

**Site Sensitivity Context Map - Slice A**



**Order Details**

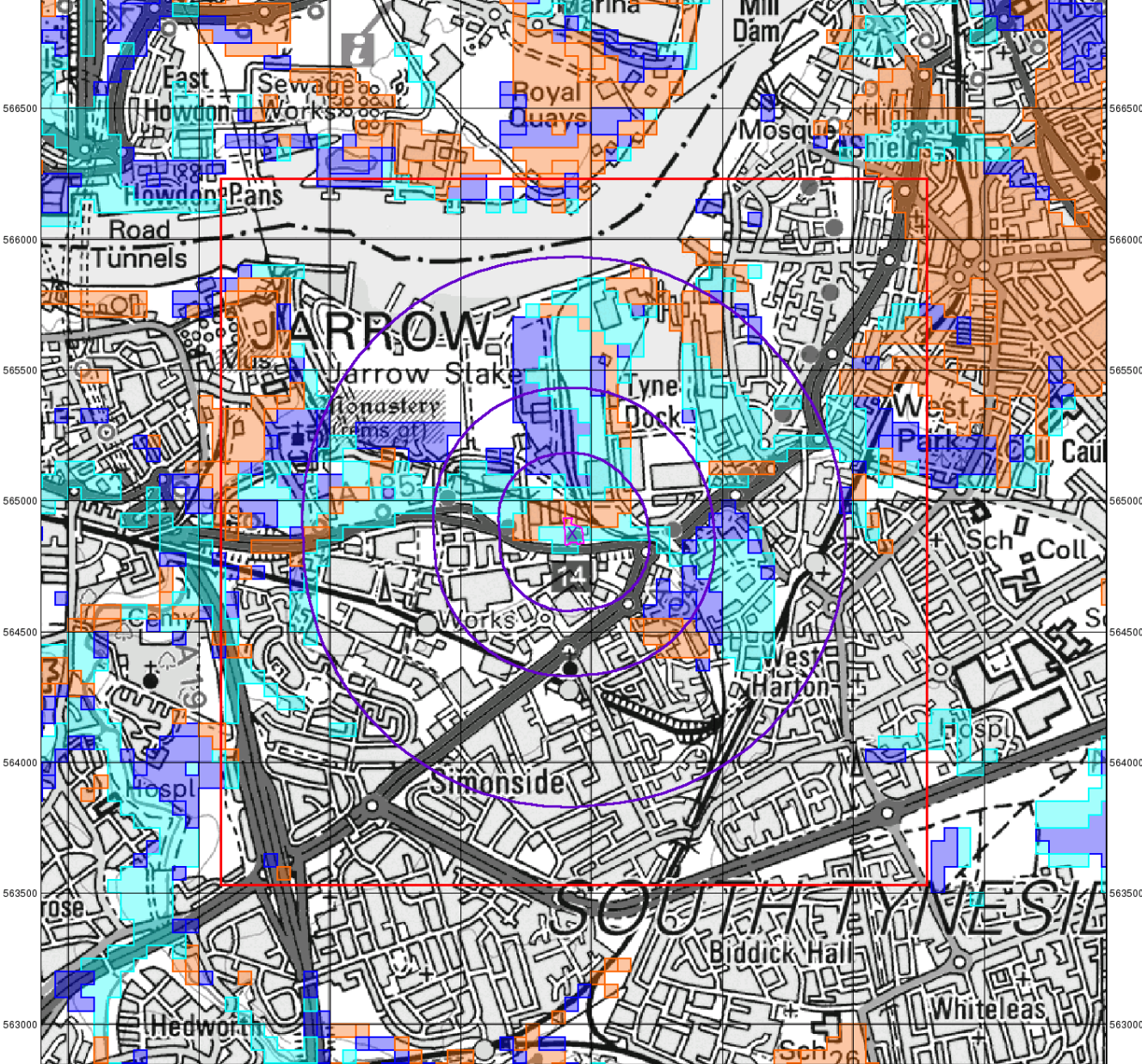
Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

**Site Details**

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**BGS Flood GFS Data**

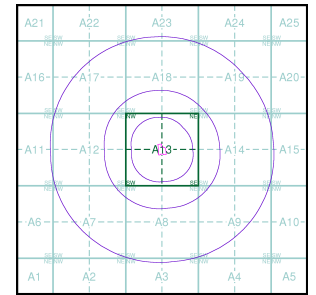
**General**

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

**Agency and Hydrological (Flood)**

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

**Site Sensitivity Context Map - Slice A**



**Order Details**

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

**Site Details**



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## Geology 1:50,000 Maps Legends





### Artificial Ground and Landslip






Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WMGR	Infilled Ground	Artificial Deposit	Cenozoic - Cenozoic
	MGR	Made Ground (Undivided)	Artificial Deposit	Holocene - Holocene

### Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	SUPNM	Superficial Theme Not Mapped [For Digital Map Use Only]	Unknown/Unclassified Entry	Not Supplied - Not Supplied
	SUPNM	Superficial Theme Not Mapped [For Digital Map Use Only]	Water, Type Unspecified	Not Supplied - Not Supplied
	TRD	Tidal River Or Creek Deposits	Clay, Silt and Sand	Flandrian - Flandrian
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Flandrian - Flandrian
	PELC	Pelaw Clay Member	Clay	Devensian - Devensian
	GLLDD	Glaciolacustrine Deposits, Devensian	Clay and Silt	Devensian - Devensian
	GFDUD	Glaciofluvial Deposits, Devensian	Sand and Gravel	Devensian - Devensian
	TILLD	Till, Devensian	Diamicton	Devensian - Devensian

### Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	HBDY	Hebbum Dyke	Microgabbro	Palaeogene - Palaeogene
	RML	Raisby Formation	Dolostone	Late Permian - Late Permian
	FML	Ford Formation	Dolostone	Late Permian - Late Permian
	YWS	Yellow Sands Formation	Sandstone	Late Permian - Cisuralian
	PUCM	Pennine Upper Coal Measures Formation	Mudstone, Siltstone and Sandstone	Westphalian D - Bolsovian
	PUCM	Pennine Upper Coal Measures Formation	Sandstone	Westphalian D - Bolsovian
	GNP	Grindstone Post Member	Sandstone	Bolsovian - Bolsovian

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	PMCM	Pennine Middle Coal Measures Formation	Mudstone, Siltstone and Sandstone	Bolsovian - Duckmantian
	PMCM	Pennine Middle Coal Measures Formation	Sandstone	Bolsovian - Duckmantian
	SFP	Seventy Fathom Post Member	Sandstone	Duckmantian - Duckmantian
		Faults		
		Rock Segments		



### Geology 1:50,000 Maps

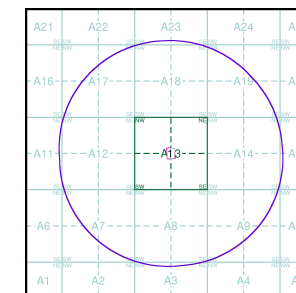
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published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

The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

### Geology 1:50,000 Maps Coverage

Map ID:	1
Map Sheet No:	021
Map Name:	Sunderland
Map Date:	1978
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Available
Faults:	Not Supplied
Landslip:	Available
Rock Segments:	Not Supplied

### Geology 1:50,000 Maps - Slice A



### Order Details:

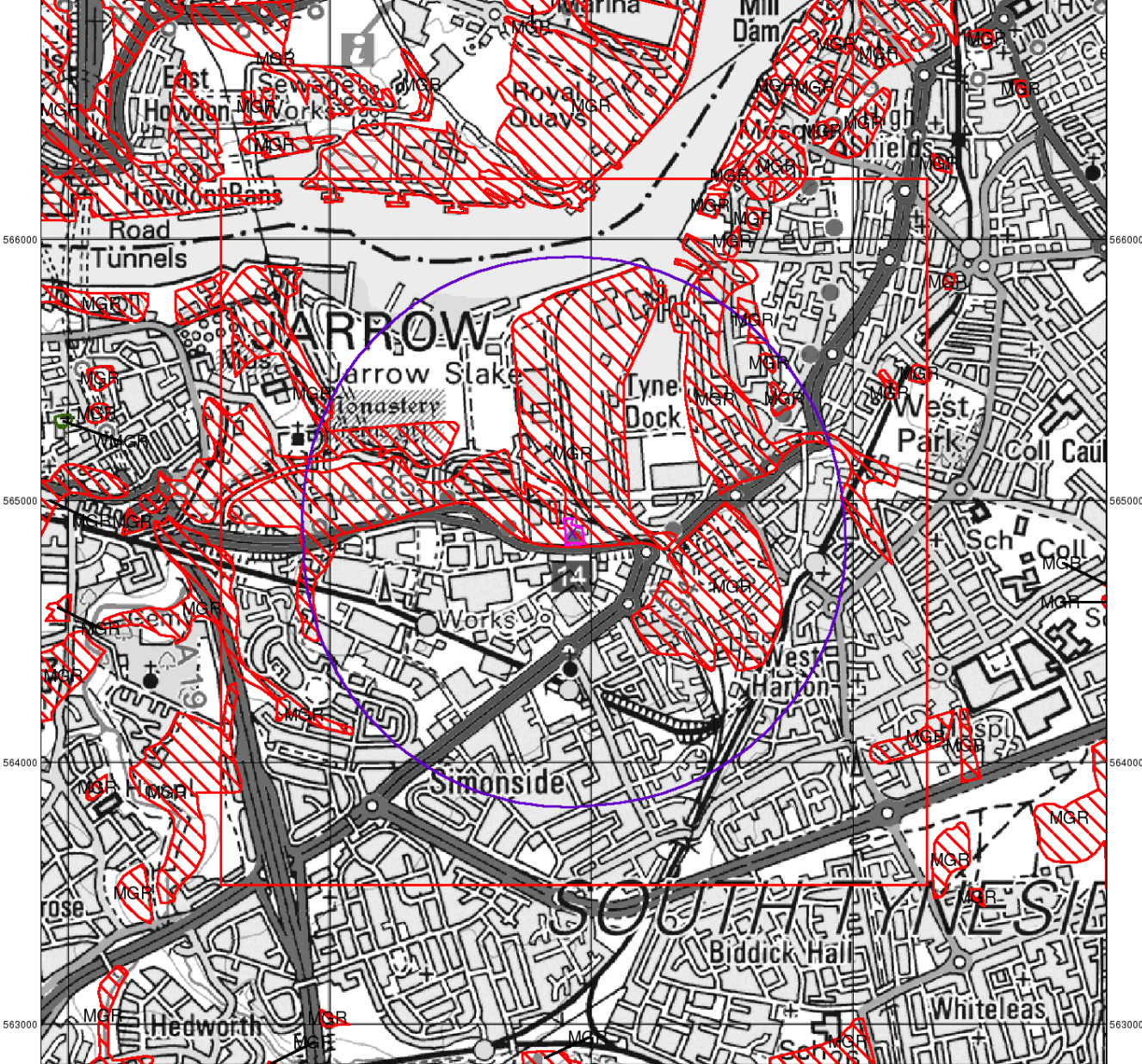
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National Grid Reference:	434930, 564880
Slice:	A
Site Area (Ha):	0.55
Search Buffer (m):	1000

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**Artificial Ground and Landslip**

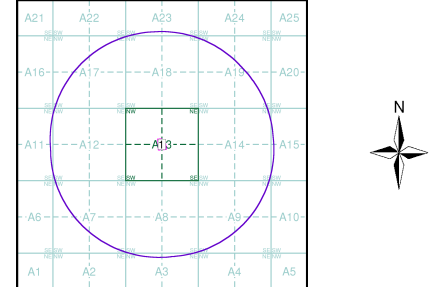
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

- Made ground - man-made deposits such as embankments and spoil heaps on the natural ground surface.
- Worked ground - areas where the ground has been cut away such as quarries and road cuttings.
- Infilled ground - areas where the ground has been cut away then wholly or partially backfilled.
- Landscaped ground - areas where the surface has been reshaped.
- Disturbed ground - areas of ill-defined shallow or near surface mineral workings where it is impracticable to map made and worked ground separately.

Mass movement (landslip) deposits on BGS geological maps are primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground. The dataset also includes foundered strata, where the ground has collapsed due to subsidence.

**Artificial Ground and Landslip Map - Slice A**



**Order Details:**

Order Number: 84652687\_1\_1  
 Customer Reference: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

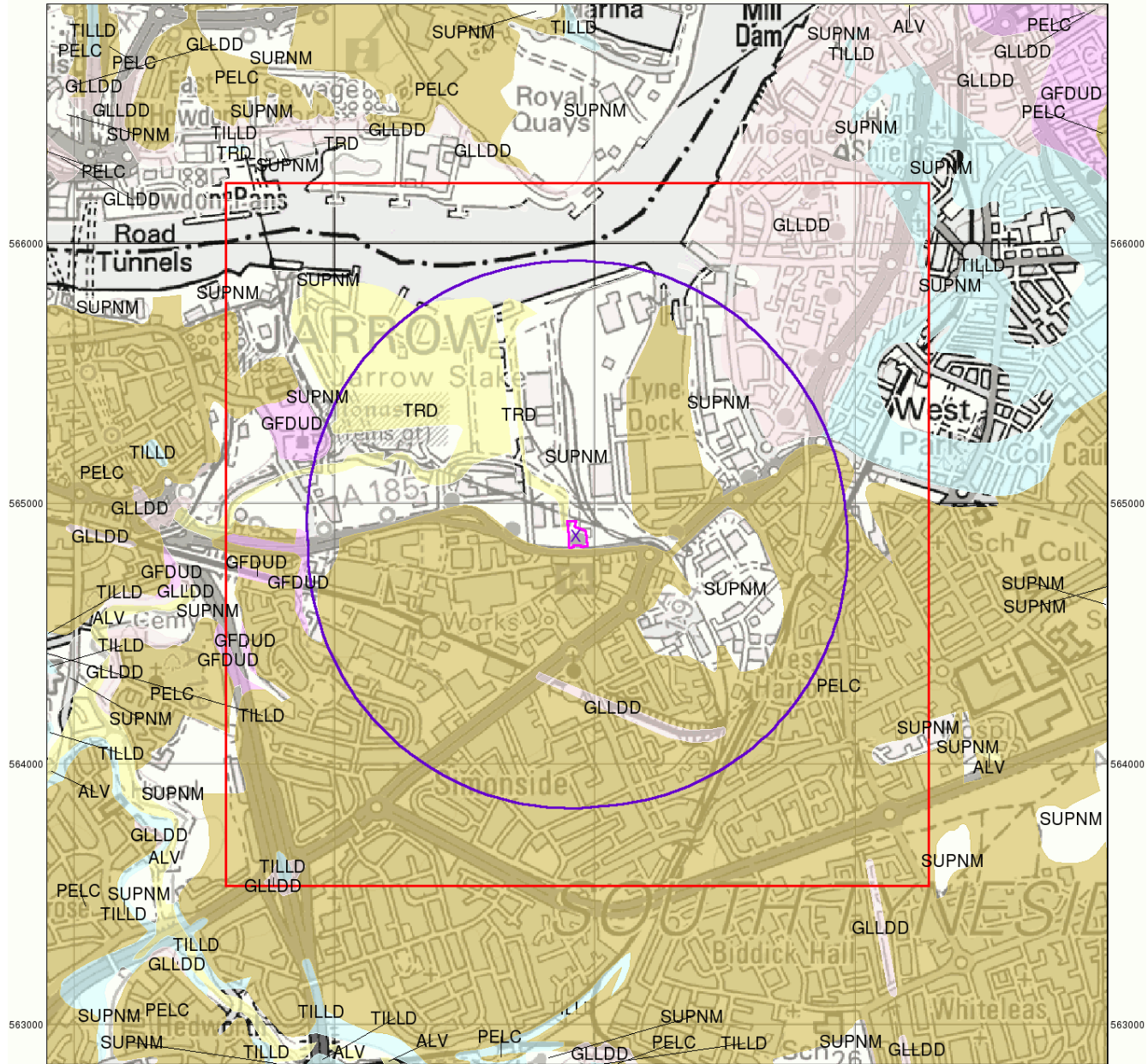
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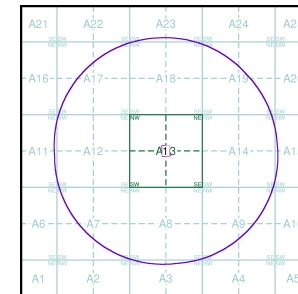
### Superficial Geology

Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, the Quaternary, which extends back about 1.8 million years from the present.

They rest on older deposits or rocks referred to as Bedrock. This dataset contains Superficial deposits that are of natural origin and 'in place'. Other superficial strata may be held in the Mass Movement dataset where they have been moved, or in the Artificial Ground dataset where they are of man-made origin.

Most of these Superficial deposits are unconsolidated sediments such as gravel, sand, silt and clay, and onshore they form relatively thin, often discontinuous patches or larger spreads.

### Superficial Geology Map - Slice A



#### Order Details:

Order Number: 84652687\_1.1  
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 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

#### Site Details:

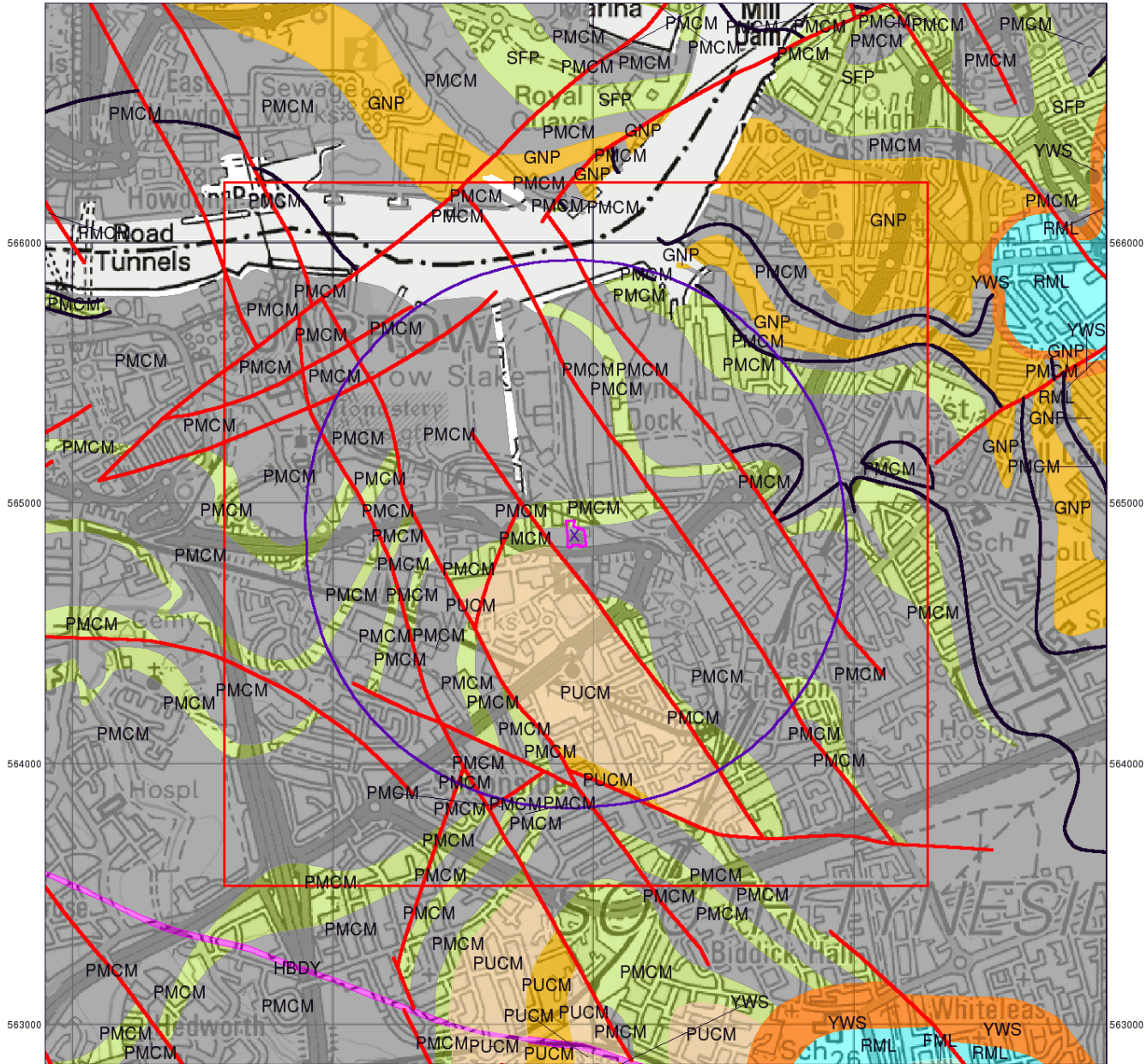
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### Bedrock and Faults

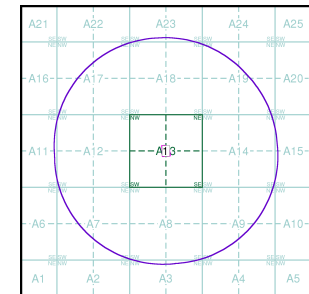
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

The bedrock has formed over vast lengths of geological time ranging from ancient and highly altered rocks of the Proterozoic, some 2500 million years ago, or older, up to the relatively young Pliocene, 1.8 million years ago.

The bedrock geology includes many lithologies, often classified into three types based on origin: igneous, metamorphic and sedimentary.

The BGS Faults and Rock Segments dataset includes geological faults (e.g. normal, thrust), and thin beds mapped as lines (e.g. coal seam, gypsum bed). Some of these are linked to other particular 1:50,000 Geology datasets, for example, coal seams are part of the bedrock sequence, most faults and mineral veins primarily affect the bedrock but cut across the strata and post date its deposition.

### Bedrock and Faults Map - Slice A



### Order Details:

Order Number: 84652687\_1\_1  
 Customer Reference: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

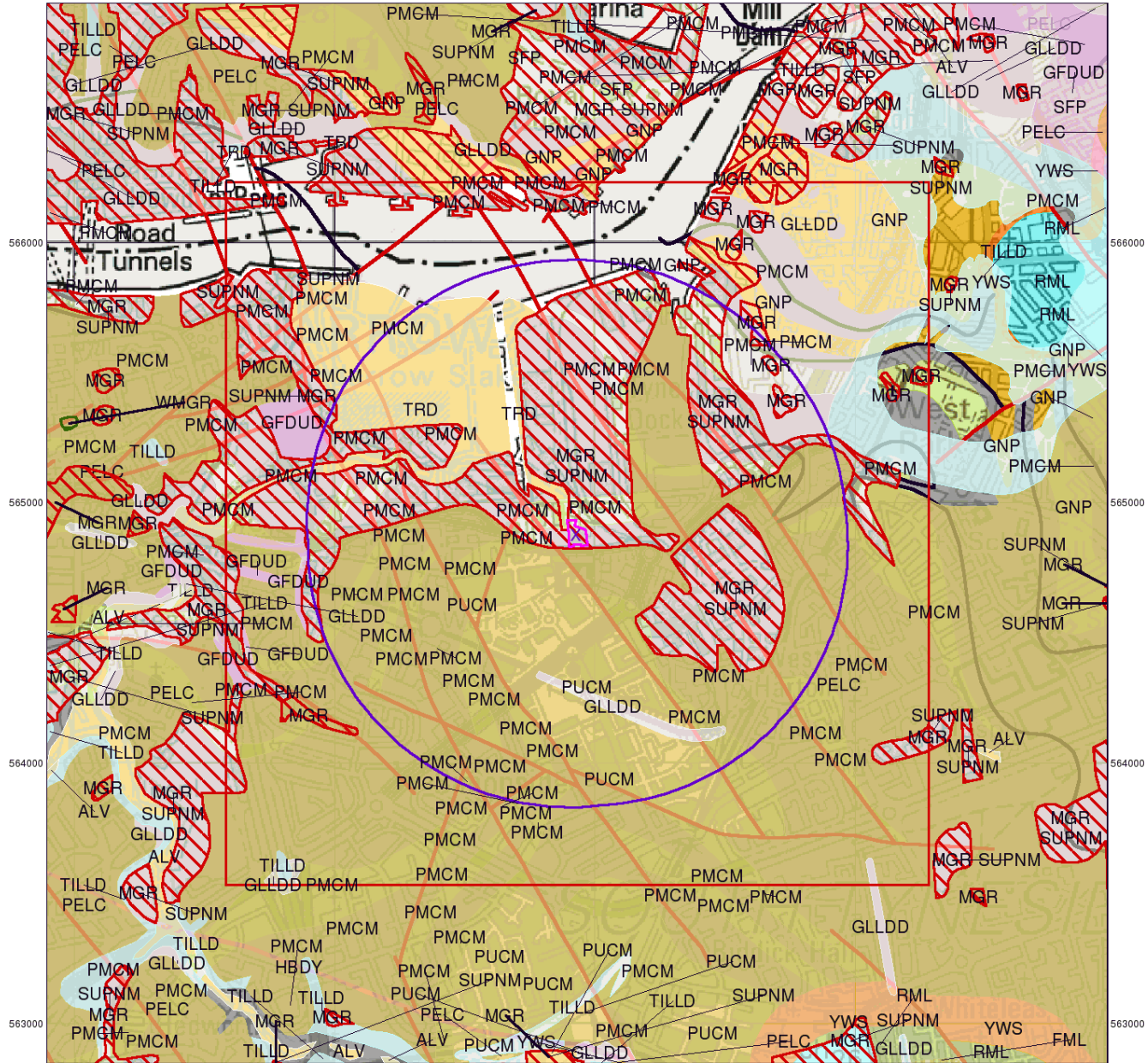
### Site Details:

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### Combined Surface Geology

The Combined Surface Geology map combines all the previous maps into one combined geological overview of your site.

Please consult the legends to the previous maps to interpret the Combined "Surface Geology" map.

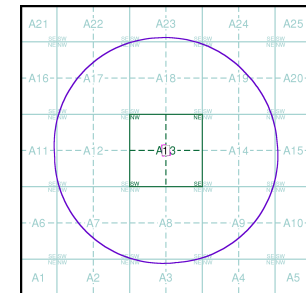
### Additional Information

More information on 1:50,000 Geological mapping and explanations of rock classifications can be found on the BGS website. Using the LEX Codes in this report, further descriptions of rock types can be obtained by interrogating the 'BGS Lexicon of Named Rock Units'. This database can be accessed by following the 'Information and Data' link on the BGS website.

### Contact

British Geological Survey  
 Kingsley Dunham Centre  
 Keyworth  
 Nottingham  
 NG12 5GG  
 Telephone: 0115 936 3143  
 Fax: 0115 936 3276  
 email: enquiries@bgs.ac.uk  
 website: www.bgs.ac.uk

### Combined Geology Map - Slice A



### Order Details:

Order Number: 84652687\_1.1  
 Customer Reference: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

### Site Details:

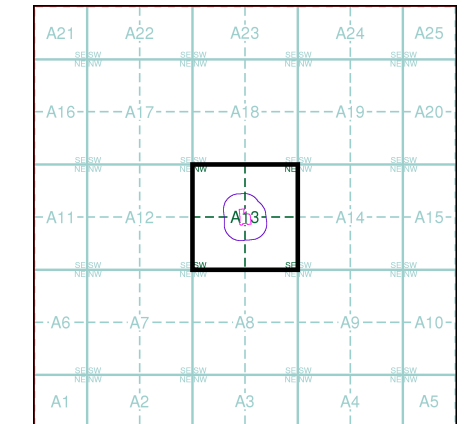
Jarrow Road, South Shields, NE34 9PS



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

- General**
- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point
  - Map ID
  - Several of Type at Location
  - Pylon
  - Overhead Transmission Line
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
  - Contaminated Land Register Entry or Notice
  - Discharge Consent
  - Enforcement or Prohibition Notice
  - Integrated Pollution Control
  - Integrated Pollution Prevention and 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
  - Potentially Infilled Land (Non-water)
  - Potentially Infilled Land (Non-water)
  - Potentially Infilled Land (Water)
  - Potentially Infilled Land (Water)
  - Potentially Infilled Land (Water)
  - Registered Landfill Site
  - Registered Landfill Site (Location)
  - Registered Landfill Site (Point Buffered to 100m)
  - Registered Landfill Site (Point Buffered to 250m)
  - Registered Waste Transfer Site (Location)
  - Registered Waste Transfer Site
  - Registered Waste Treatment or Disposal Site (Location)
  - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
  - Explosive Site
  - NIHHS Site
  - Planning Hazardous Substance Consent
  - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site

### Site Sensitivity Map - Segment A13

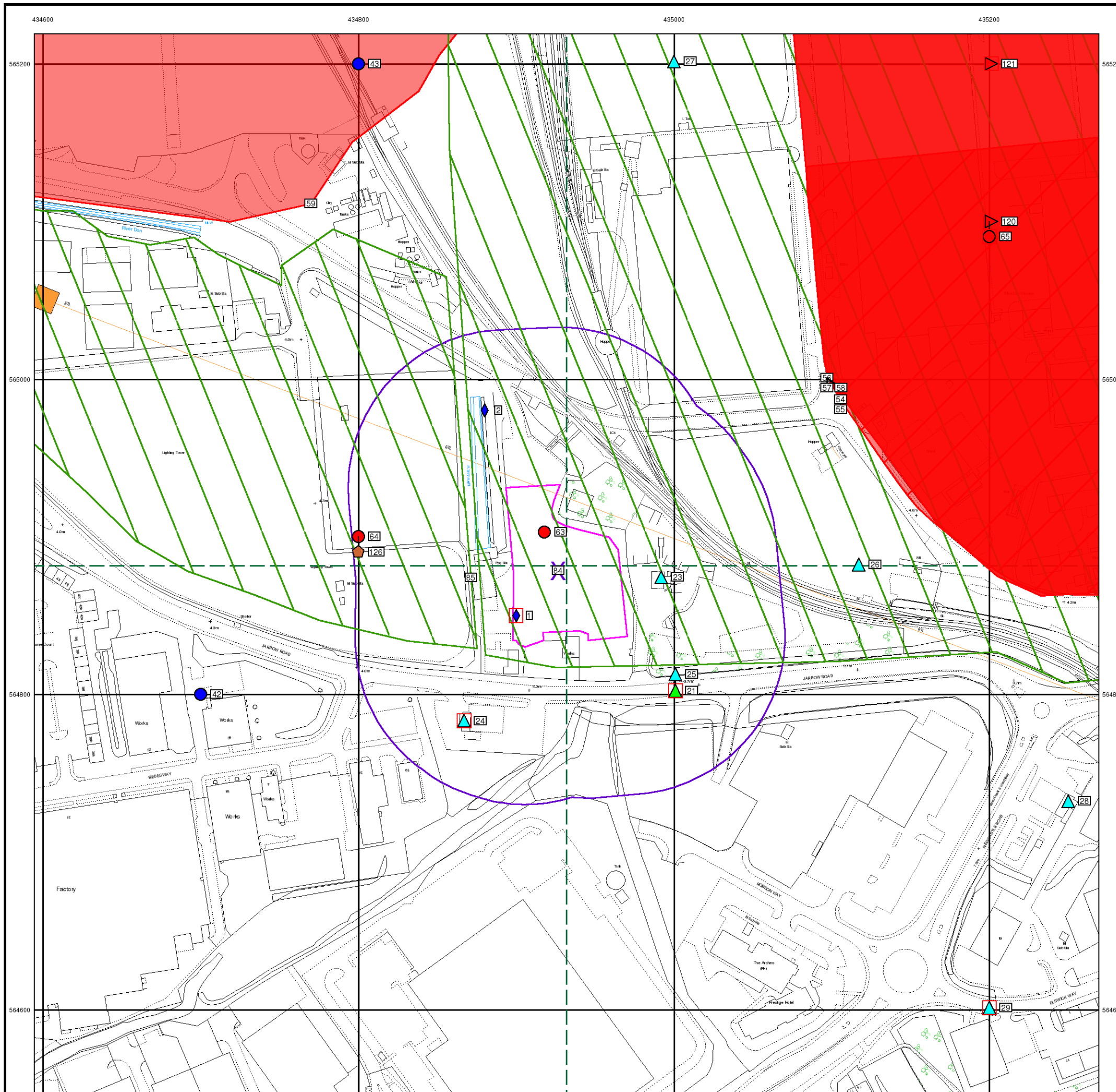


### Order Details

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Plot Buffer (m): 100

### Site Details

Jarrow Road, South Shields, NE34 9PS



434600

434800

435000

435200

565200

565200

565000

565000

564800

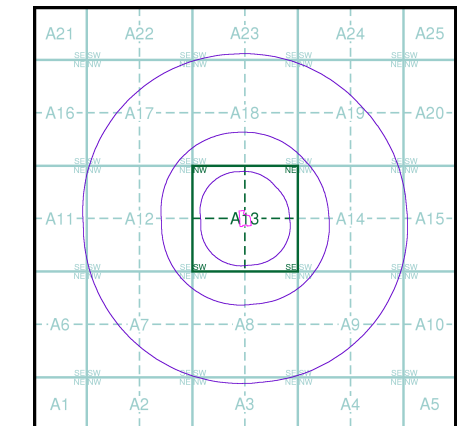
564800

564600

564600

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

### Site Sensitivity Map - Slice A

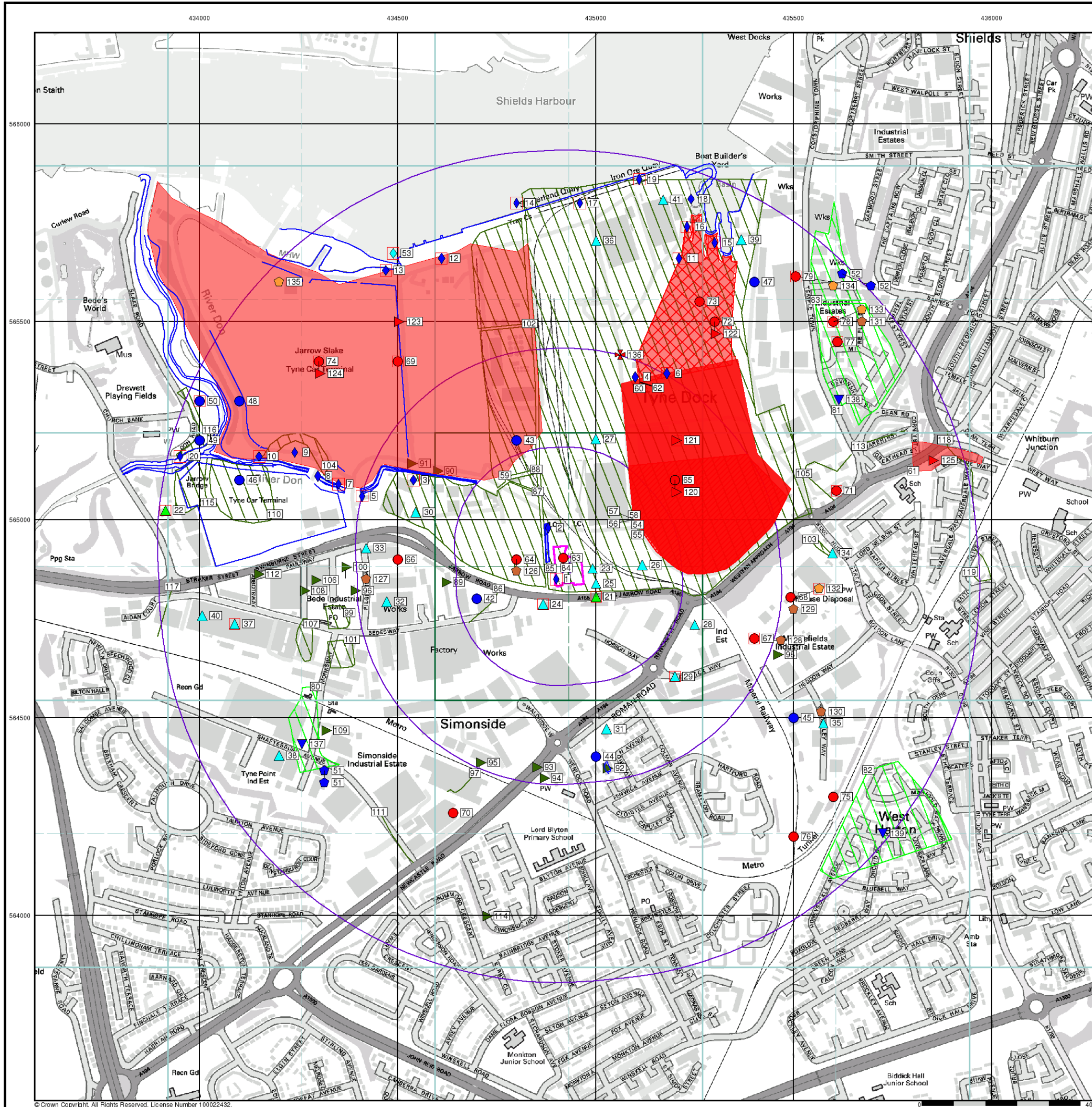


### Order Details

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

### Site Details

Jarrow Road, South Shields, NE34 9PS



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### Industrial Land Use Map

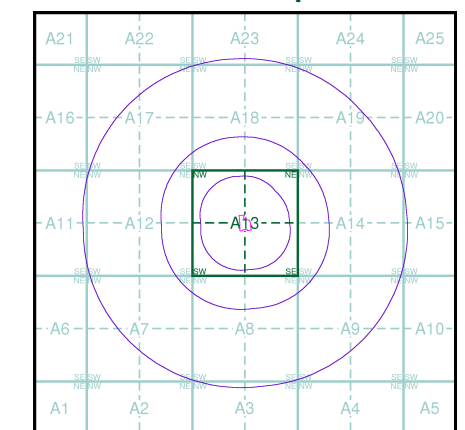
#### General

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

#### Industrial Land Use

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

### Industrial Land Use Map - Slice A

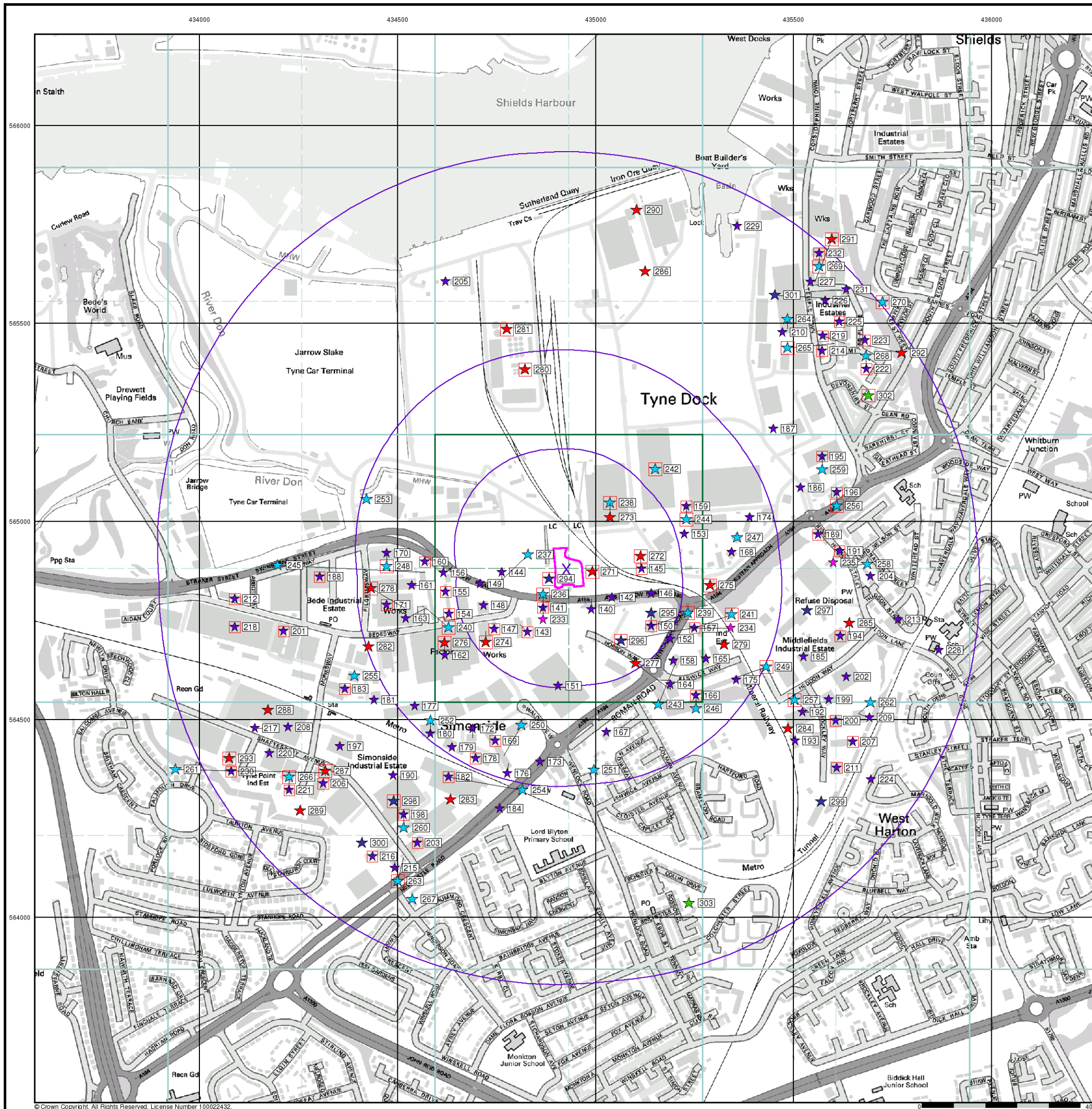


#### Order Details

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000




#### Site Details

Jarrow Road, South Shields, NE34 9PS








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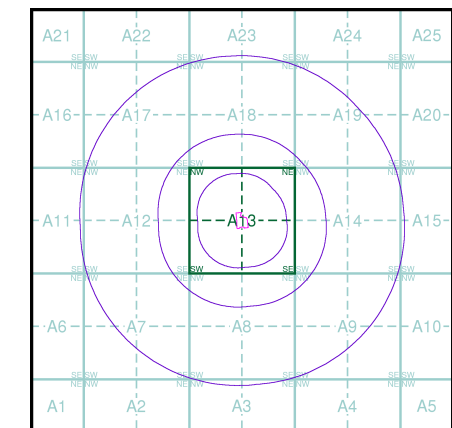
**General**

-  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**

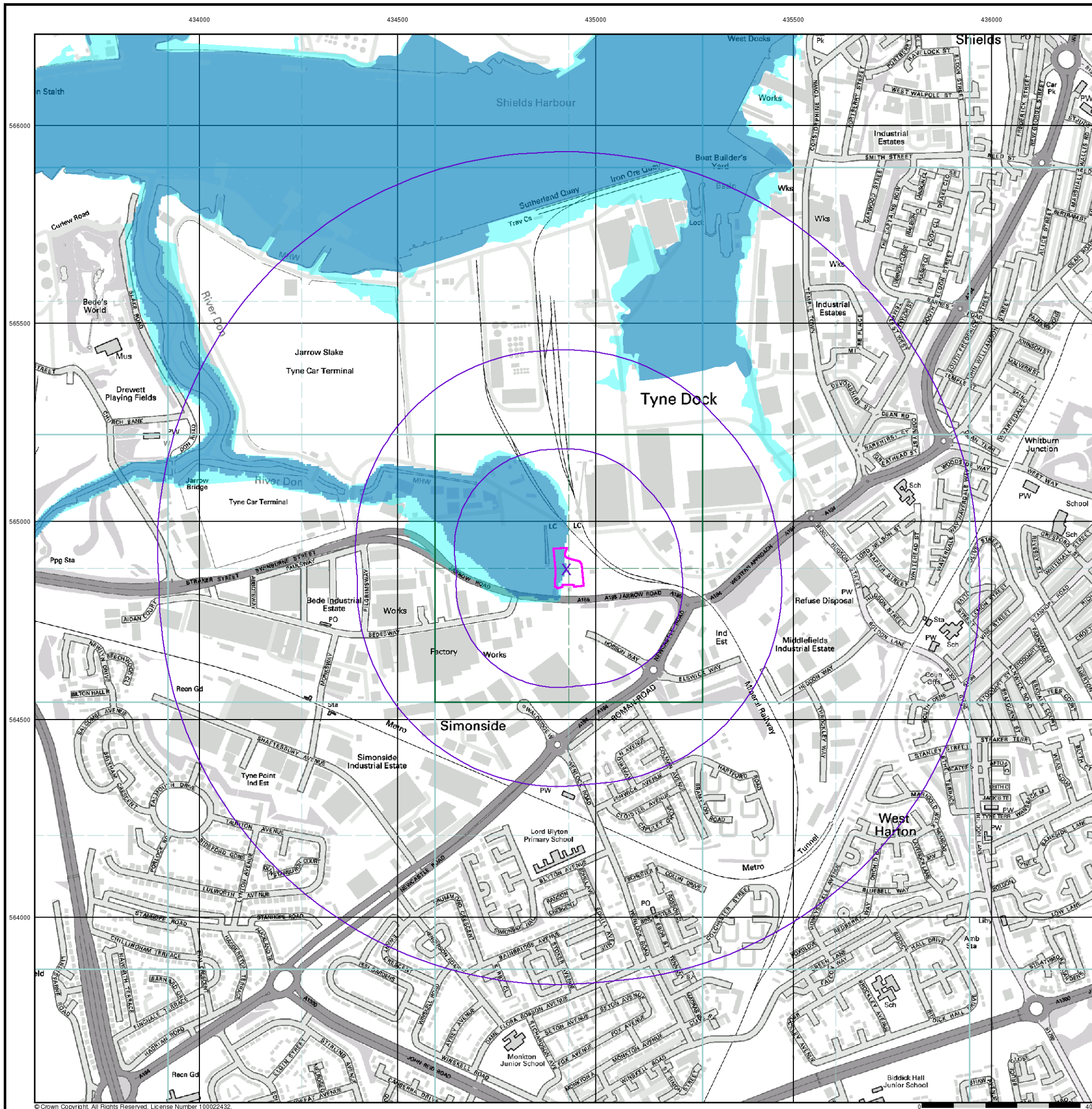


**Order Details**

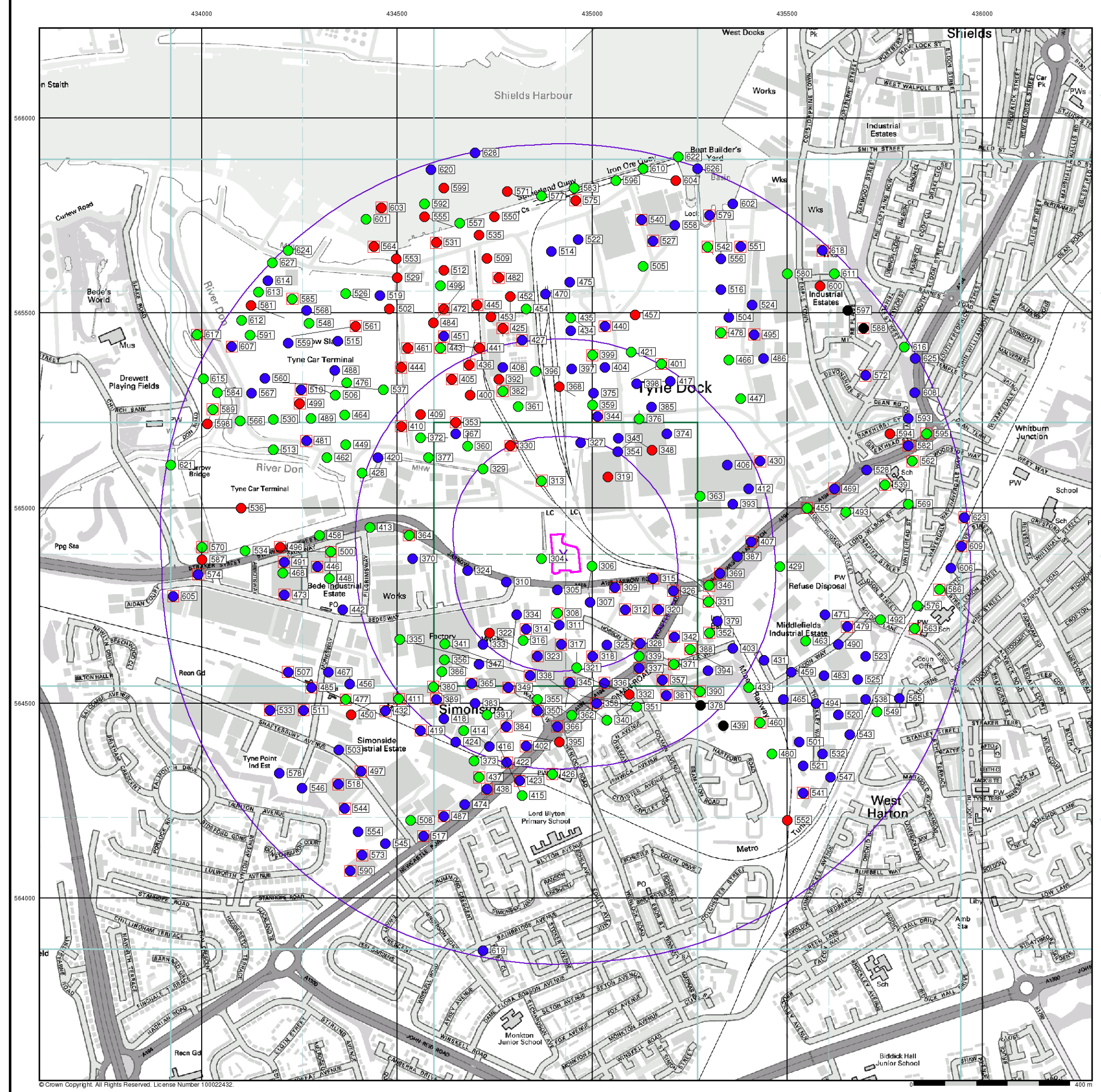
Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

**Site Details**

Jarrow Road, South Shields, NE34 9PS



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**General**

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

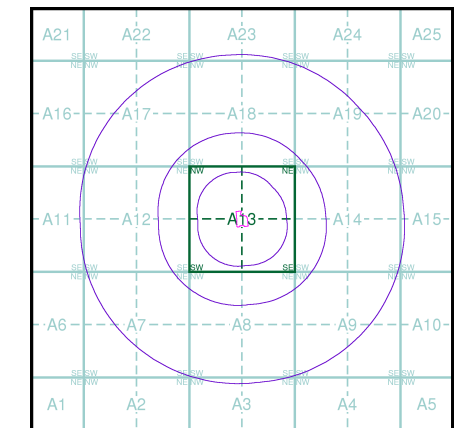
**Agency and Hydrological (Boreholes)**

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

**Borehole Map - Slice A**



**Order Details**

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

**Site Details**

Jarrow Road, South Shields, NE34 9PS

### General

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

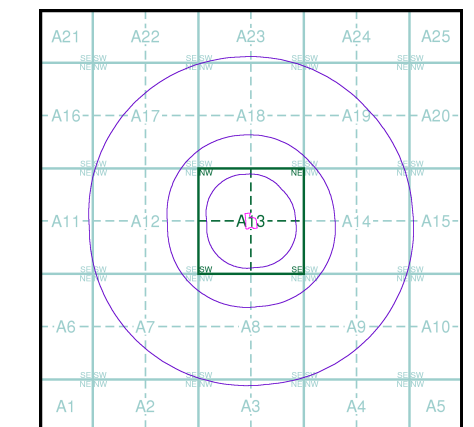
### Detailed River Network Data

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

### Contours (height in metres)

- Standard Contour 105
- Master Contour 100
- Spot Height \*167.3
- MLW Mean Low Water
- MHW Mean High Water

### EANRW Detailed River Network Map - Slice A

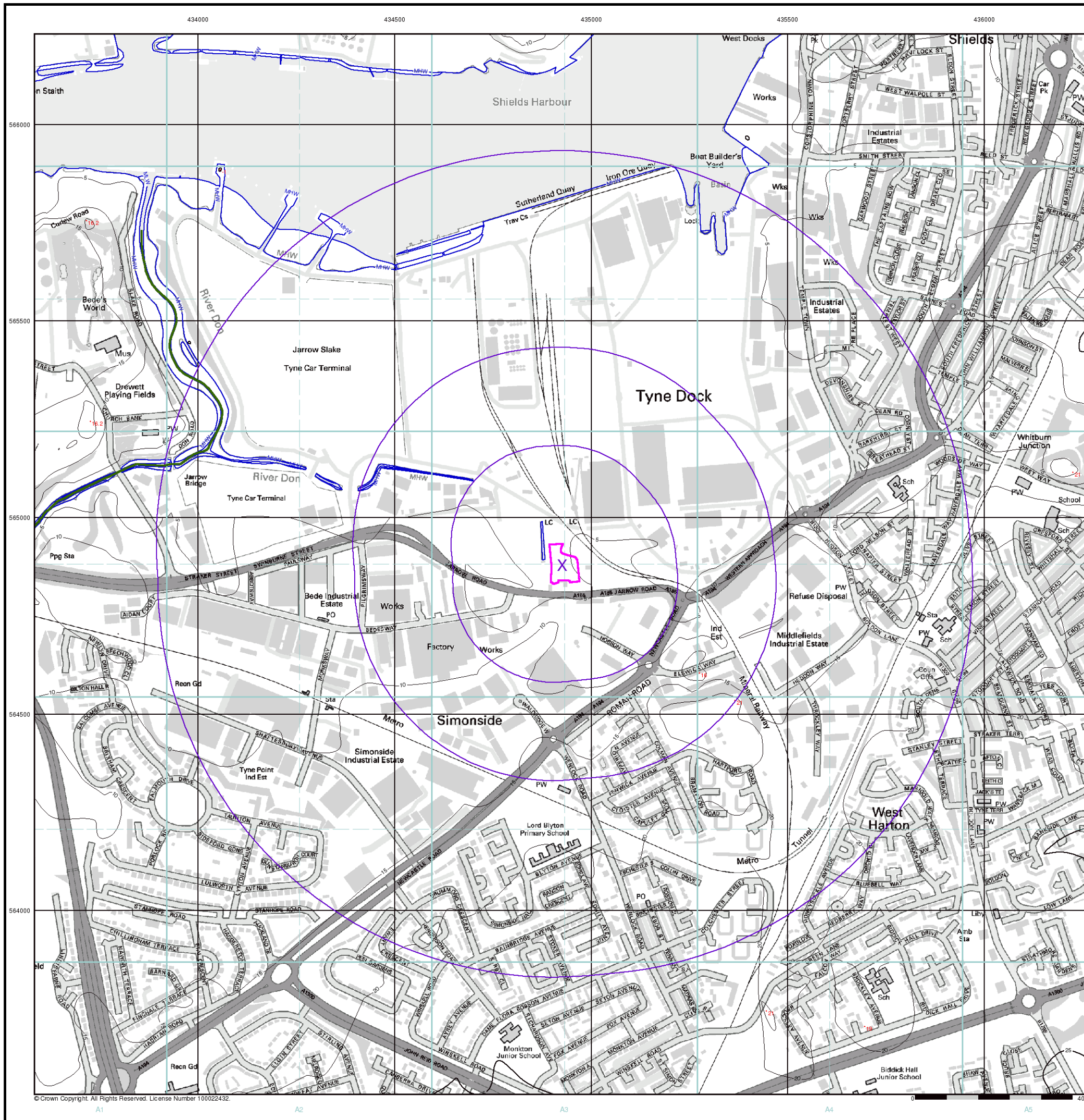


### Order Details

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

### Site Details

Jarrow Road, South Shields, NE34 9PS



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**General**

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

**Risk of Flooding from Surface Water**

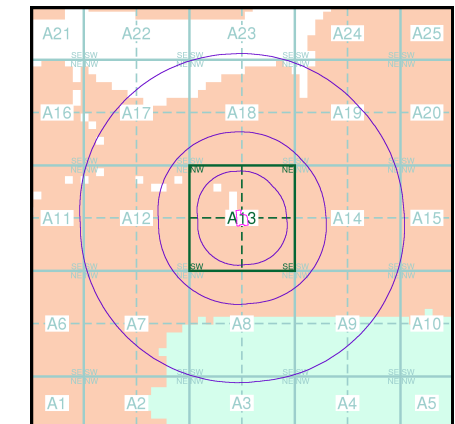
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

**Suitability**

See the suitability map below

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

**EANRW Suitability Map - Slice A**



**Order Details**

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

**Site Details**

Jarrow Road, South Shields, NE34 9PS



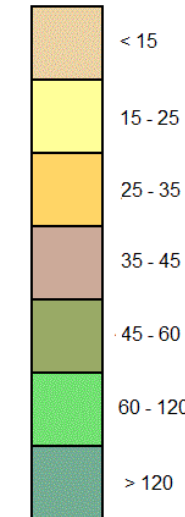
© Crown Copyright. All Rights Reserved. License Number 100022432.

**General**

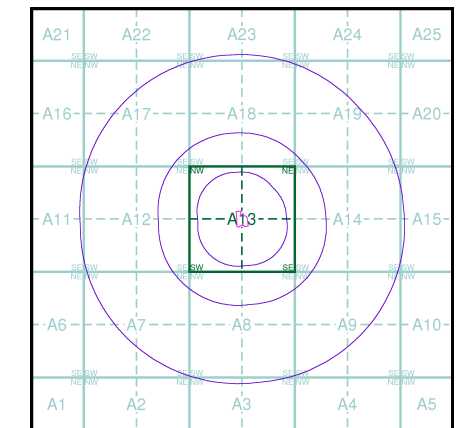
- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

**Estimated Soil Chemistry Arsenic**

Arsenic Concentrations mg/kg



**Estimated Soil Chemistry Arsenic - Slice A**

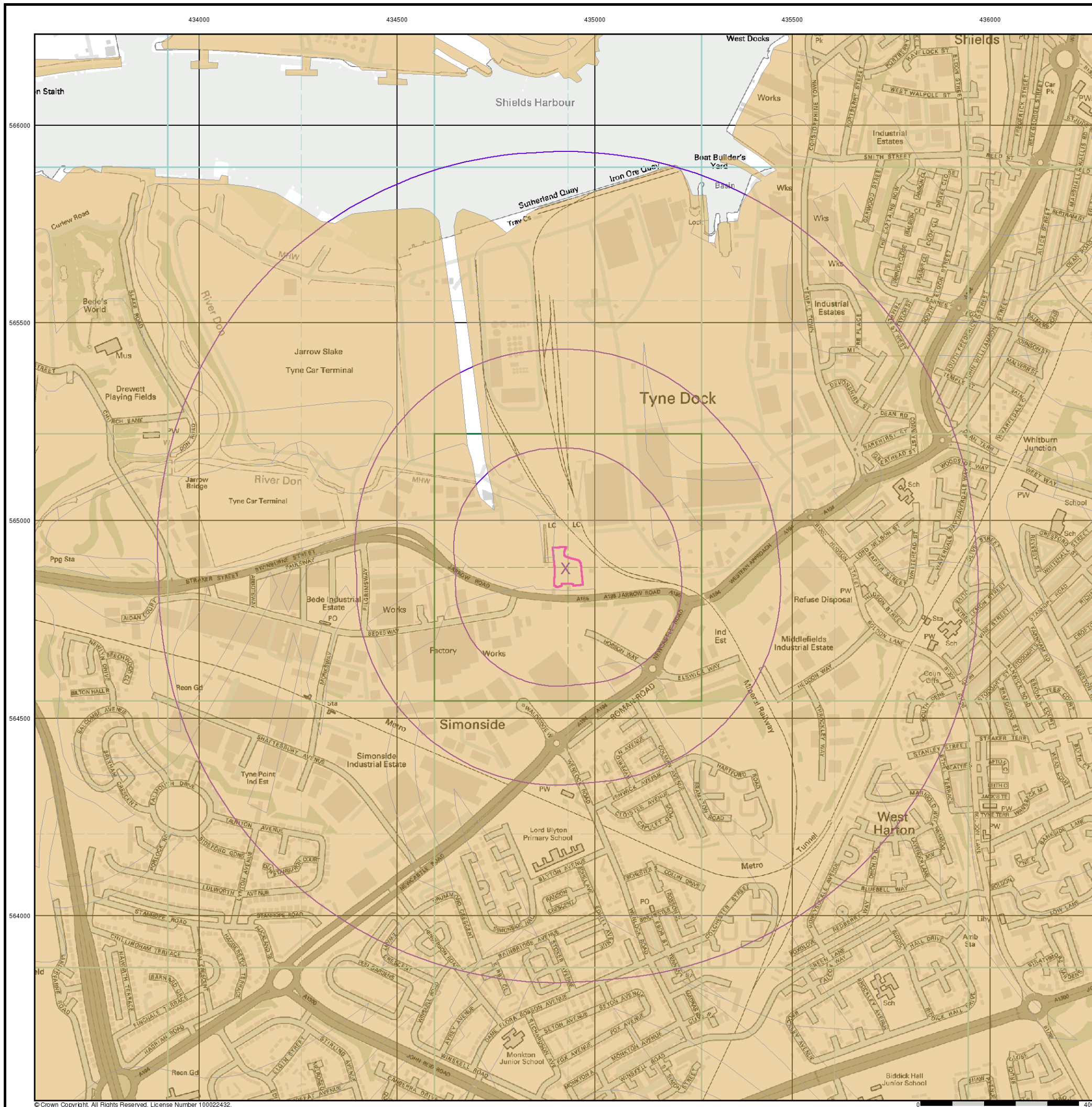


**Order Details**

Order Details: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

**Site Details**

Jarrow Road, South Shields, NE34 9PS



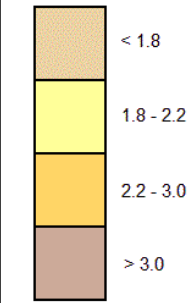
© Crown Copyright. All Rights Reserved. License Number 100022432.

**General**

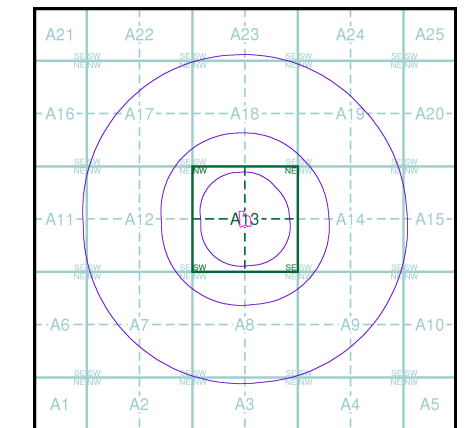
- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

**Estimated Soil Chemistry Cadmium**

Cadmium Concentrations mg/kg



**Estimated Soil Chemistry Cadmium - Slice A**

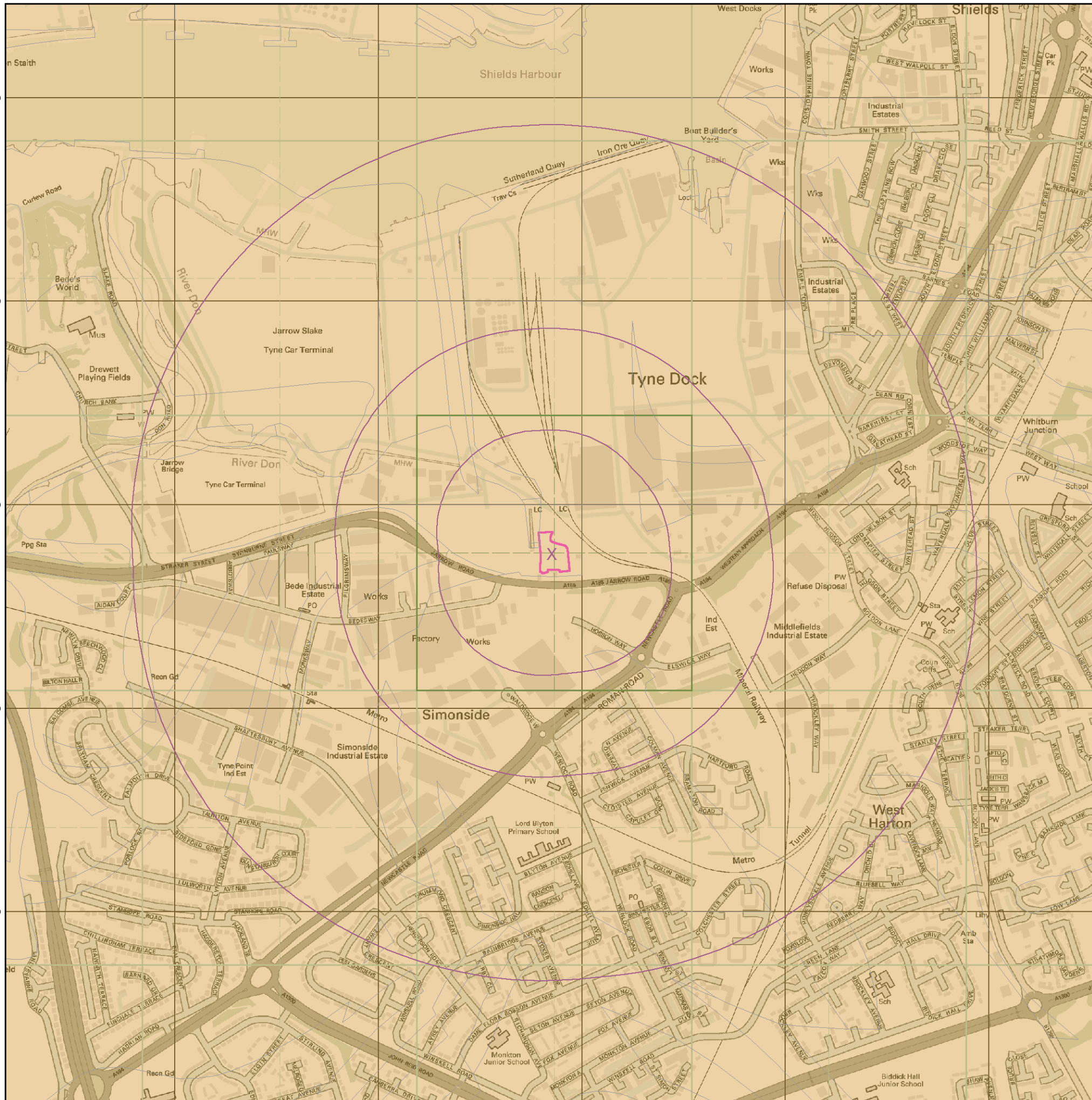


**Order Details**

Order Details: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

**Site Details**

Jarrow Road, South Shields, NE34 9PS

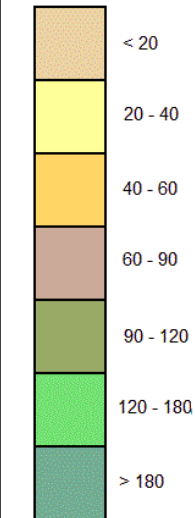


**General**

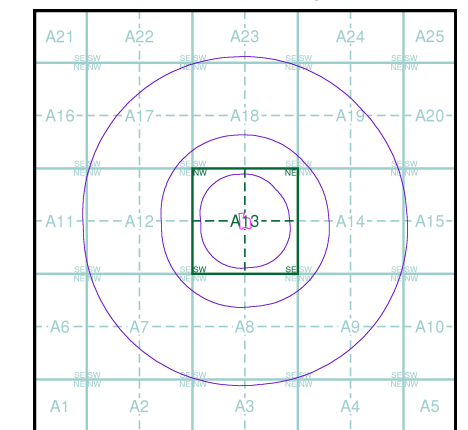
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

**Estimated Soil Chemistry Chromium**

Chromium Concentrations mg/kg



**Estimated Soil Chemistry Chromium - Slice A**

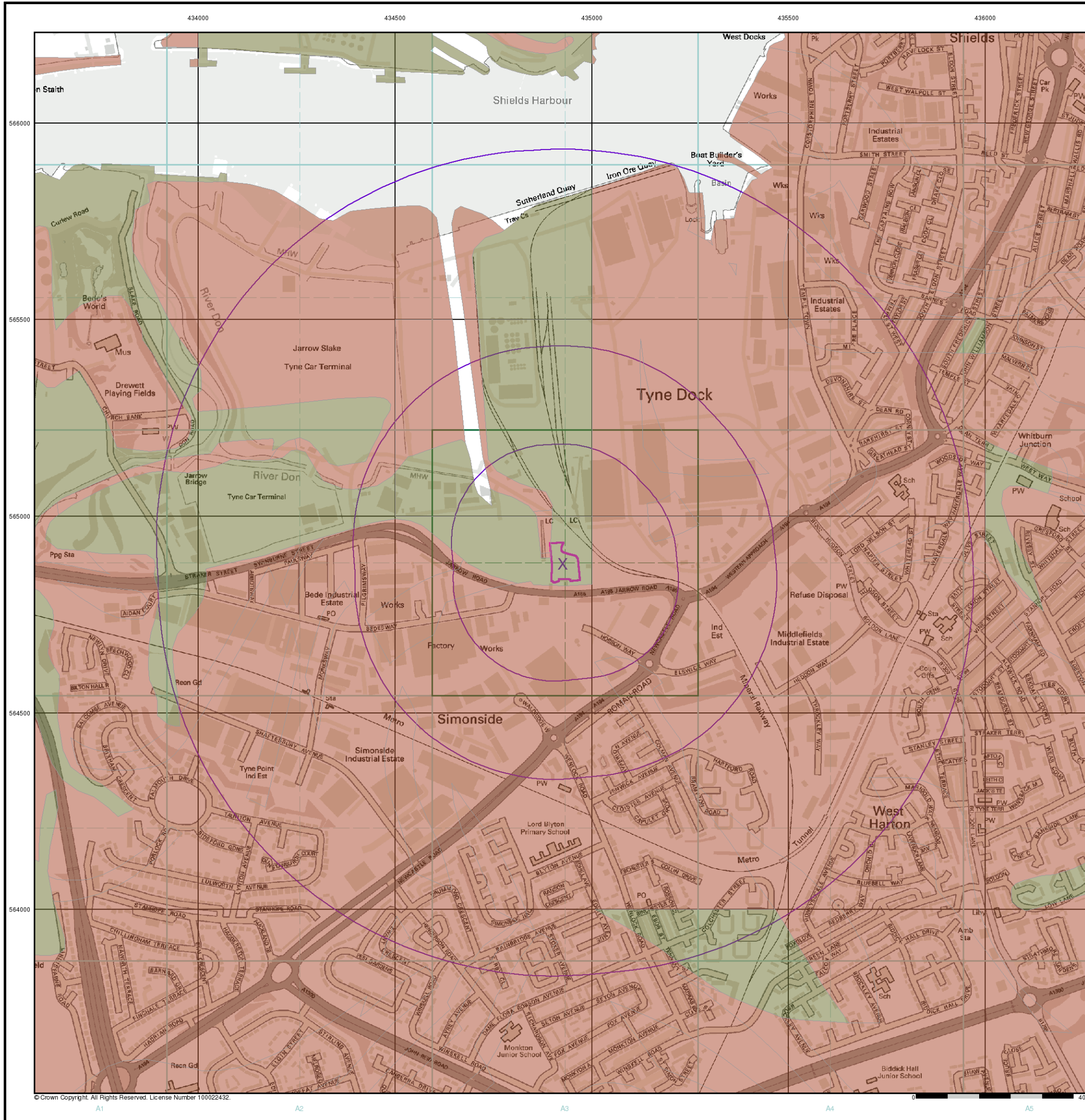


**Order Details**

Order Details: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

**Site Details**

Jarrow Road, South Shields, NE34 9PS

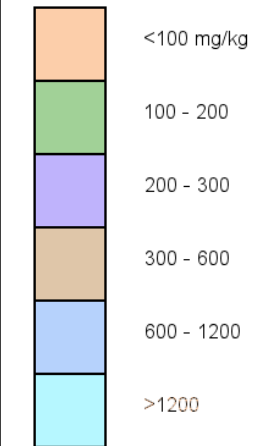


**General**

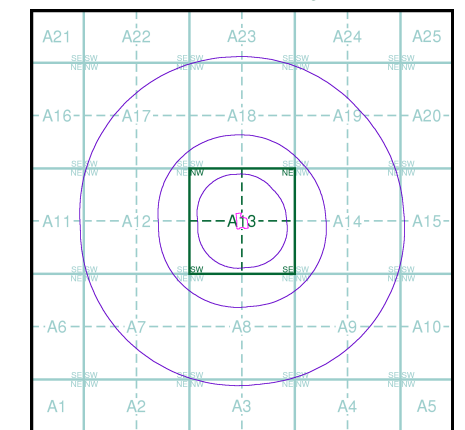
- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

**Estimated Soil Chemistry Lead**

Lead Concentrations mg/kg



**Estimated Soil Chemistry Lead - Slice A**

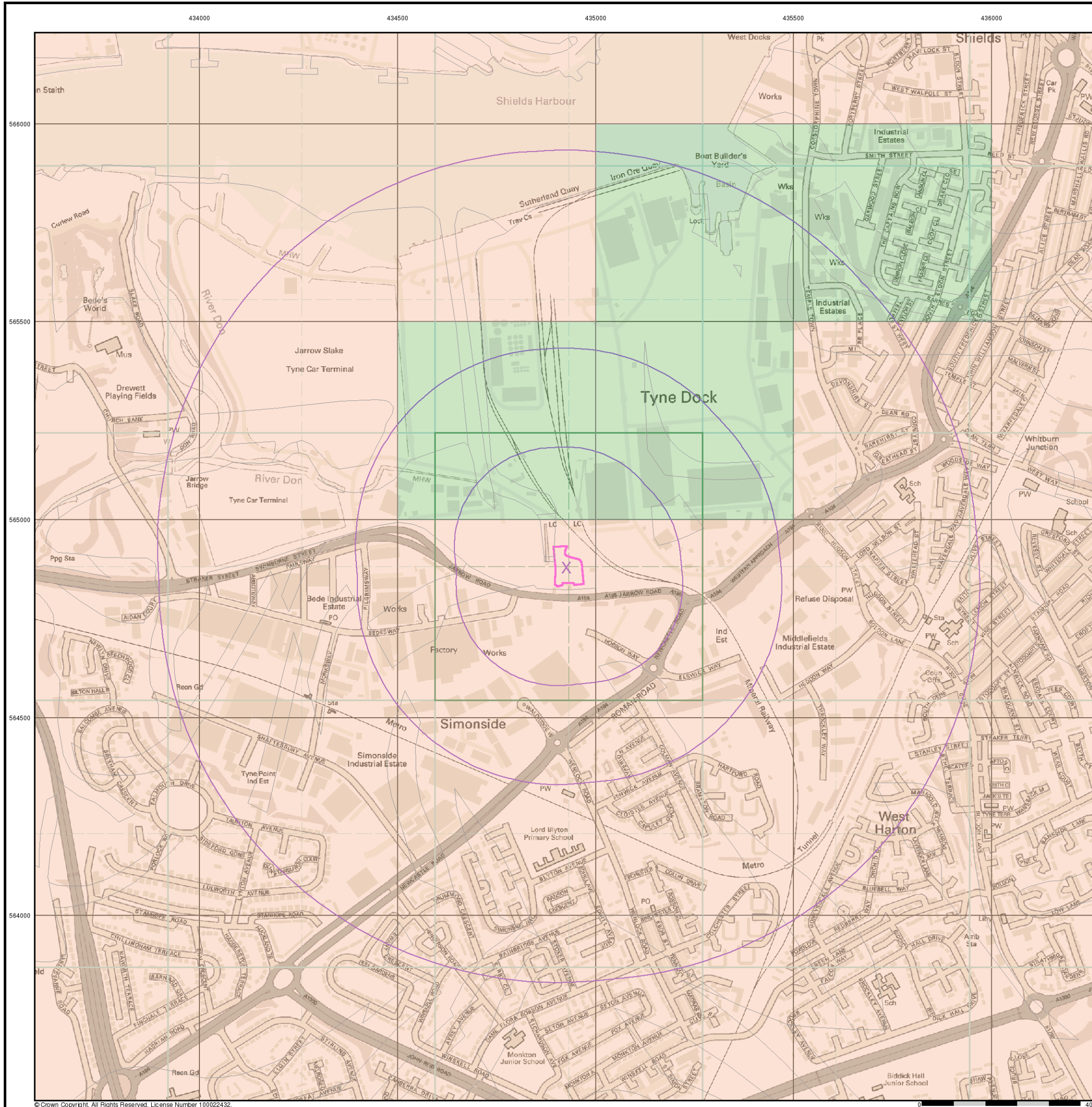


**Order Details**

Order Details: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

**Site Details**

Jarrow Road, South Shields, NE34 9PS



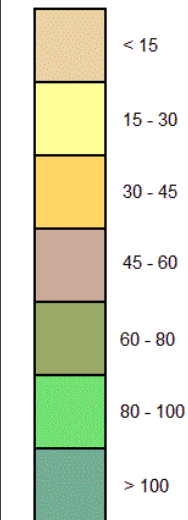
© Crown Copyright. All Rights Reserved. License Number 100022432.

**General**

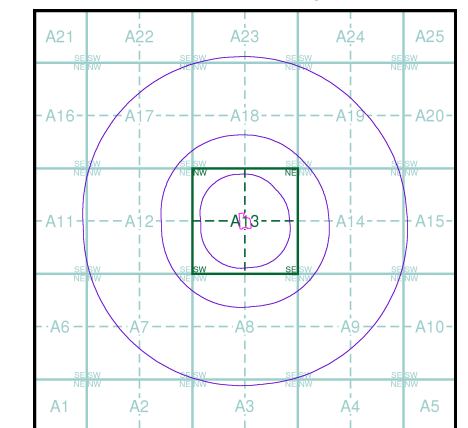
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

**Estimated Soil Chemistry Nickel**

Nickel Concentrations mg/kg



**Estimated Soil Chemistry Nickel - Slice A**

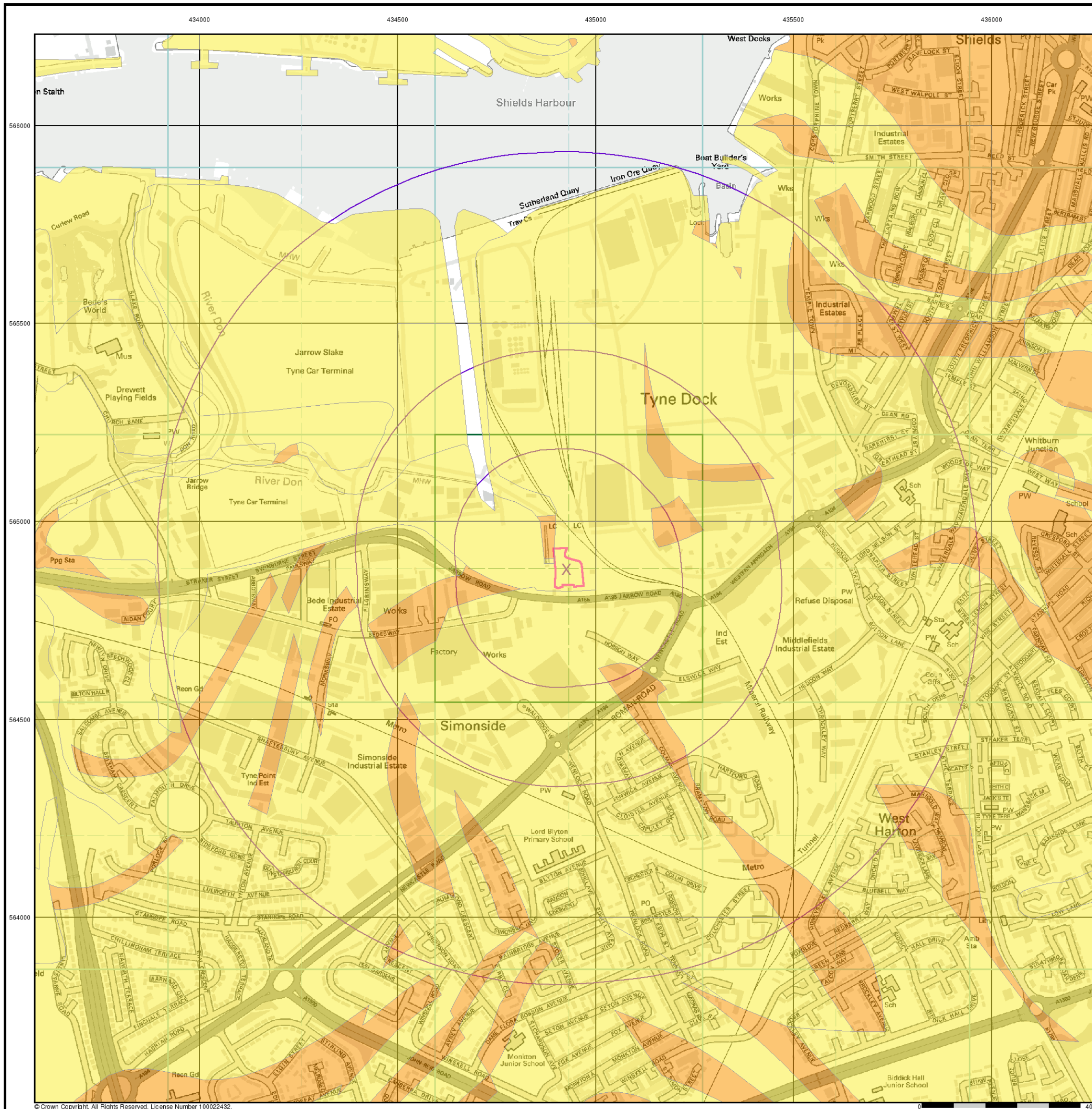


**Order Details**

Order Details: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

**Site Details**

Jarrow Road, South Shields, NE34 9PS



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# 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		
	<b>-285</b> 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		Bracken
	Heath		Rough Grassland
	Marsh		Reeds
	Saltings		
	Building		Glasshouse
	Sloping Masonry		Pylon
	Electricity Transmission Line		Pole
	Cutting		Embankment
	Standard Gauge Multiple Track		Standard Gauge Single Track
	Siding, Tramway or Mineral Line		Narrow Gauge
	Geographical County		
	Administrative County, County Borough or County of City		
	Municipal Borough, Urban or Rural District, Burgh or District Council		
	Borough, Burgh or County Constituency 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

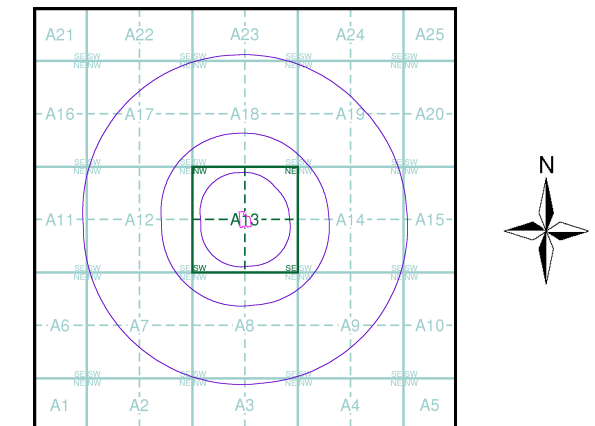
## 1:10,000 Raster Mapping

	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	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 - 1968	11
Ordnance Survey Plan	1:10,000	1973 - 1977	12
Sunderland	1:10,000	1976	13
Newcastle-upon-Tyne	1:25,000	1977	14
Ordnance Survey Plan	1:10,000	1982 - 1987	15
Ordnance Survey Plan	1:10,000	1992 - 1995	16
Historical Aerial Photography	1:10,000	1999	17
10K Raster Mapping	1:10,000	2000	18
10K Raster Mapping	1:10,000	2006	19
VectorMap Local	1:10,000	2016	20

## Historical Map - Slice A



## Order Details

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

## Site Details

Jarrow Road, South Shields, NE34 9PS

# 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
	Small Bridge		Tunnel
	Pipe (Culvert)		Railroad and Station Building
	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)

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

## 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		Mine or Open Pit Mine
	Operating Shaft or Mine		Non-Operating Shaft or Mine
	Salt Mine		Tailings Pile
	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
	Km Post		Plantings
	Telegraph/Telephone Lines		Main Highway
	Highway under Construction		Improved Dirt Road (former truck road)
	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		Contour Line and Value
	Half Contour Line		Spot Elevation Value
	Coniferous		Deciduous
	Mixed		Scrub

## Key to Numbers on Mapping

### NZ36\_Newcastle

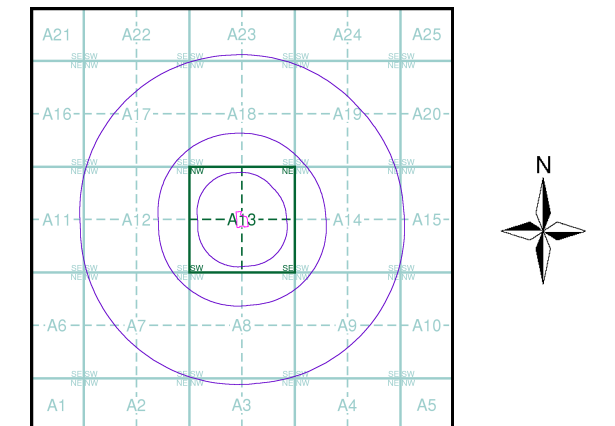
No.	Description
16	Factories (Including Radio Technical)
143	Warehouses (Use Unknown) And Port Buildings



## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Durham	1:10,560	1862	3
Northumberland	1:10,560	1864	4
Durham	1:10,560	1898	5
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 - 1968	11
Ordnance Survey Plan	1:10,000	1973 - 1977	12
Sunderland	1:10,000	1976	13
Newcastle-upon-Tyne	1:25,000	1977	14
Ordnance Survey Plan	1:10,000	1982 - 1987	15
Ordnance Survey Plan	1:10,000	1992 - 1995	16
Historical Aerial Photography	1:10,000	1999	17
10K Raster Mapping	1:10,000	2000	18
10K Raster Mapping	1:10,000	2006	19
VectorMap Local	1:10,000	2016	20

## Russian Map - Slice A



## Order Details

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

## Site Details

Jarrow Road, South Shields, NE34 9PS



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



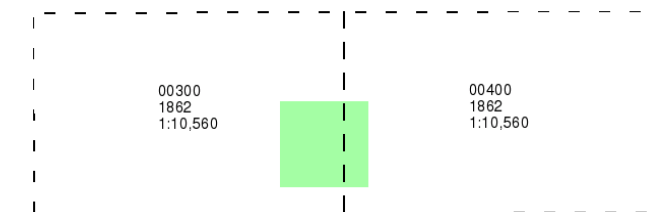
**Durham**

**Published 1862**

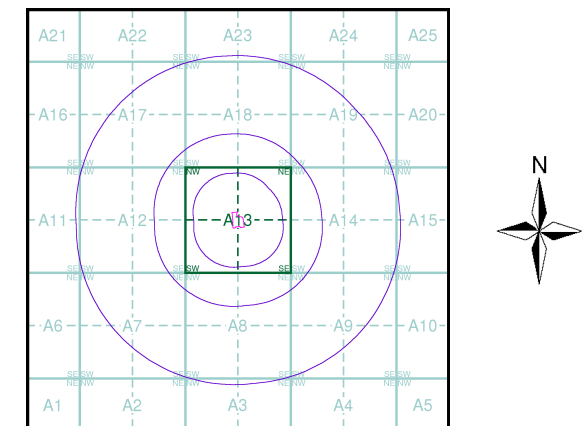
**Source map scale - 1:10,560**

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

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



**Historical Map - Slice A**

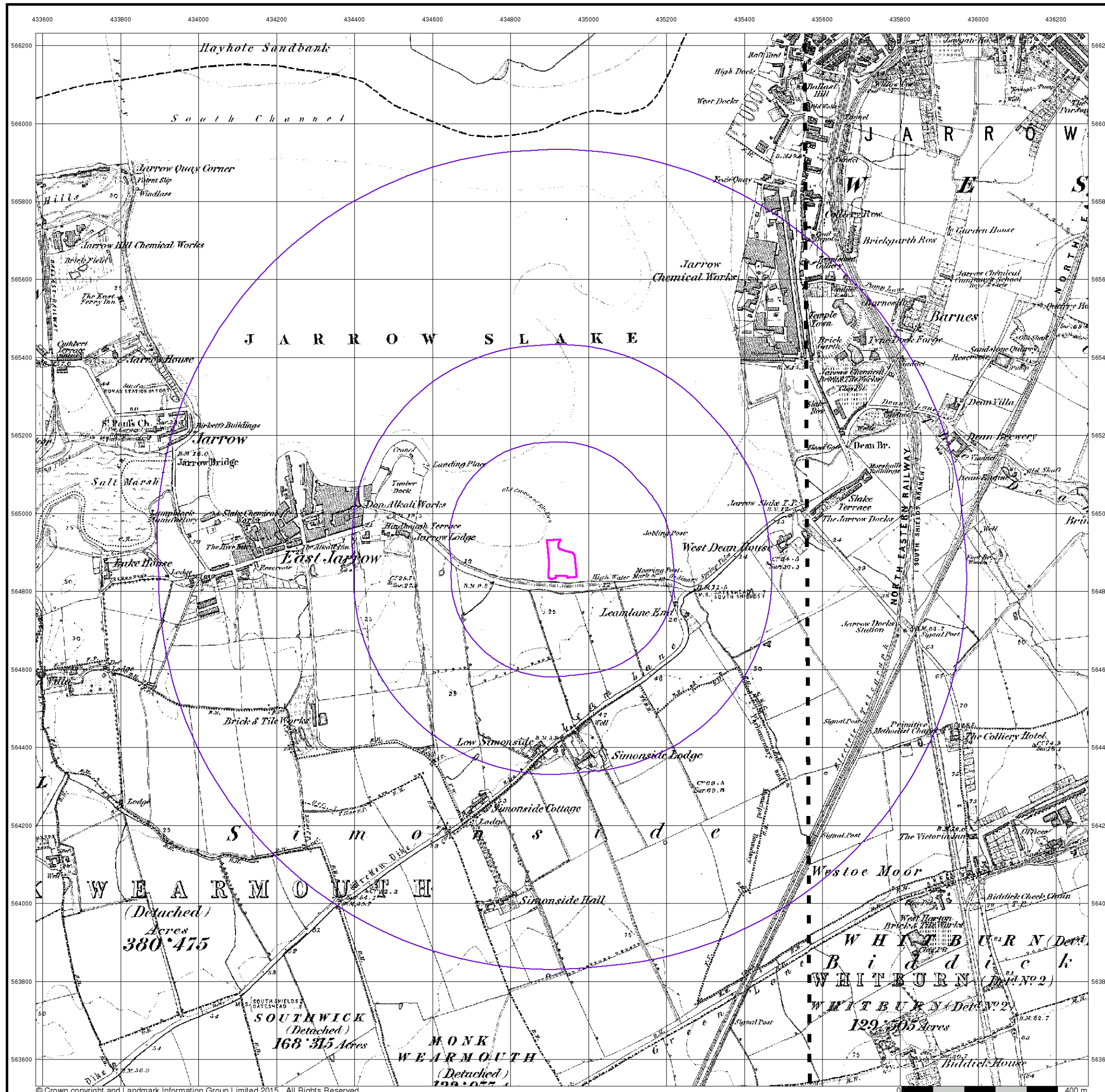


**Order Details**

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

**Site Details**

Jarrow Road, South Shields, NE34 9PS



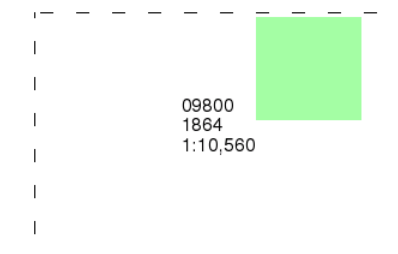
## Northumberland

Published 1864

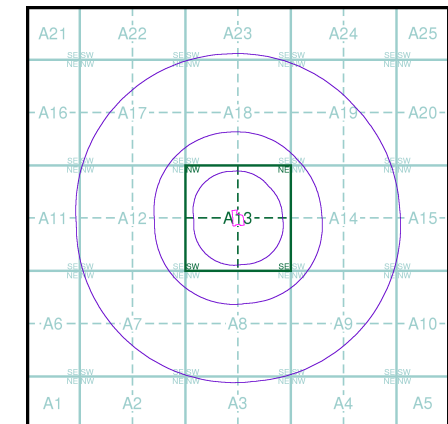
Source map scale - 1:10,560

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

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



### Historical Map - Slice A

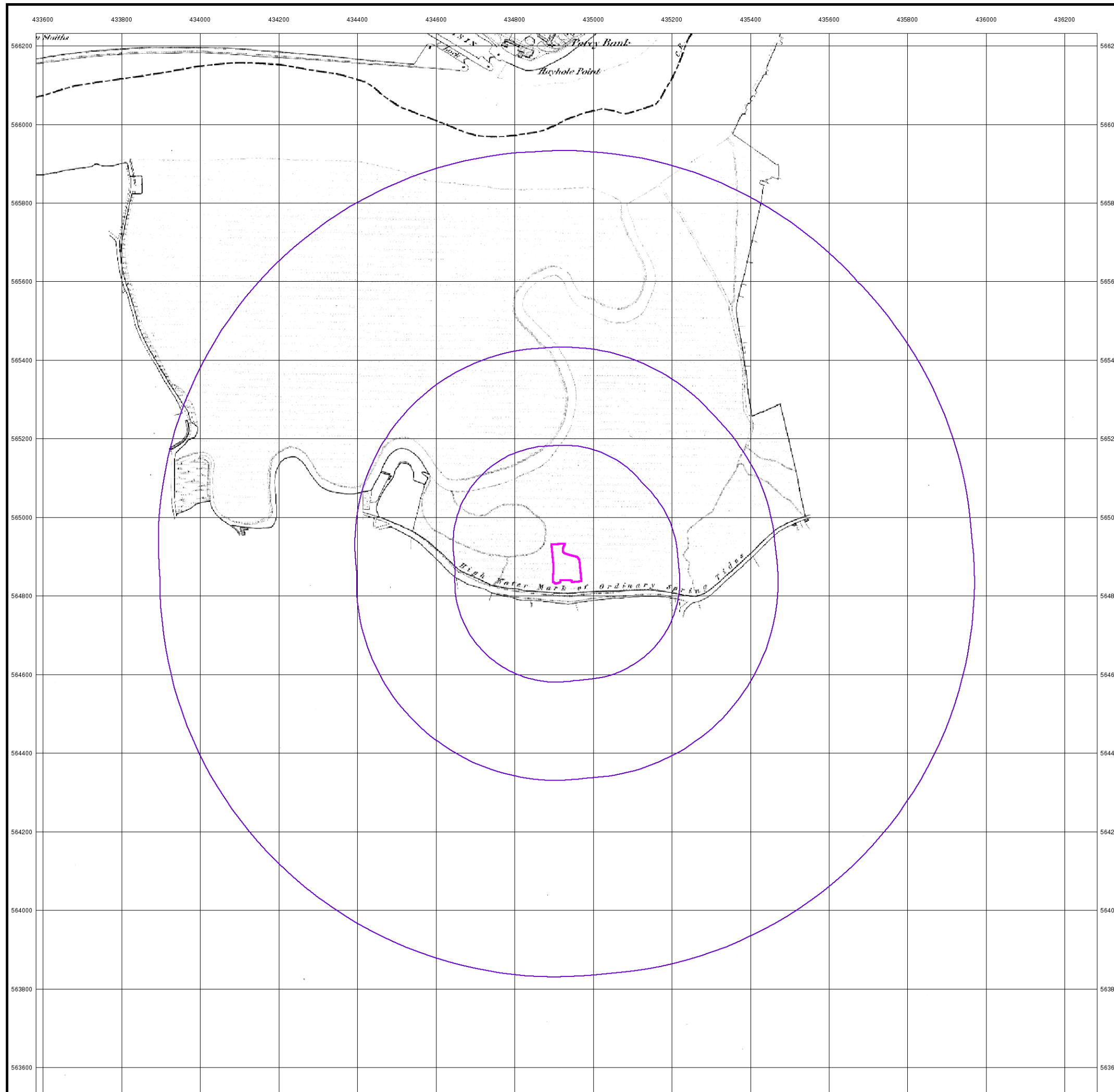


### Order Details

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

### Site Details

Jarrow Road, South Shields, NE34 9PS



**Durham**

**Published 1898**

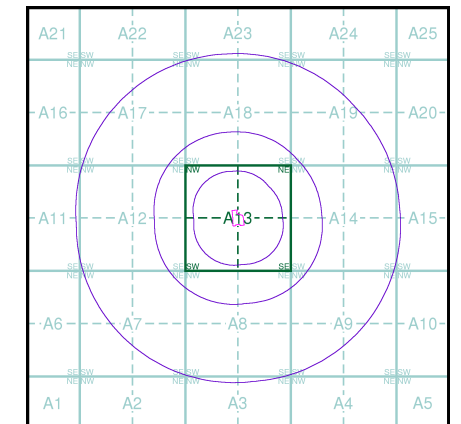
**Source map scale - 1:10,560**

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: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

**Site Details**

Jarrow Road, South Shields, NE34 9PS



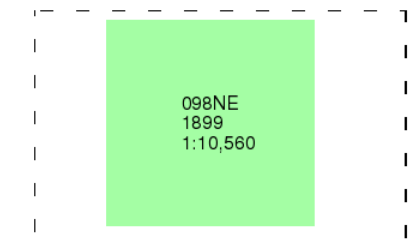
## Northumberland

Published 1899

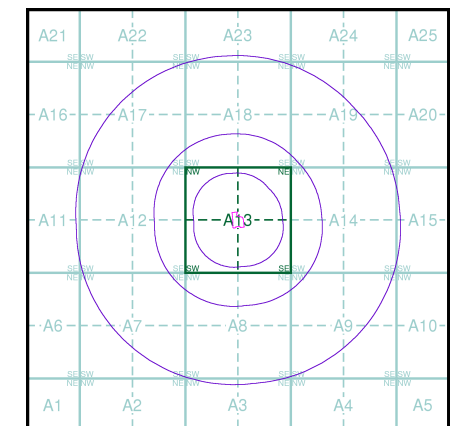
Source map scale - 1:10,560

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

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



### Historical Map - Slice A



### Order Details

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

### Site Details

Jarrow Road, South Shields, NE34 9PS



## Durham

Published 1921

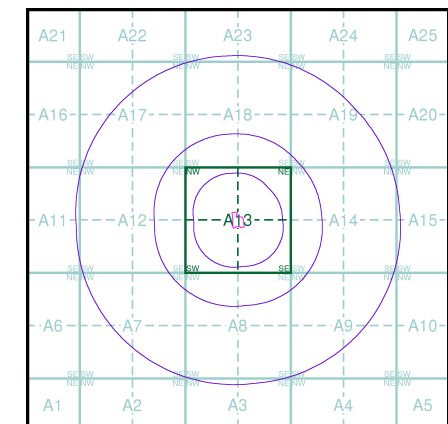
Source map scale - 1:10,560

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

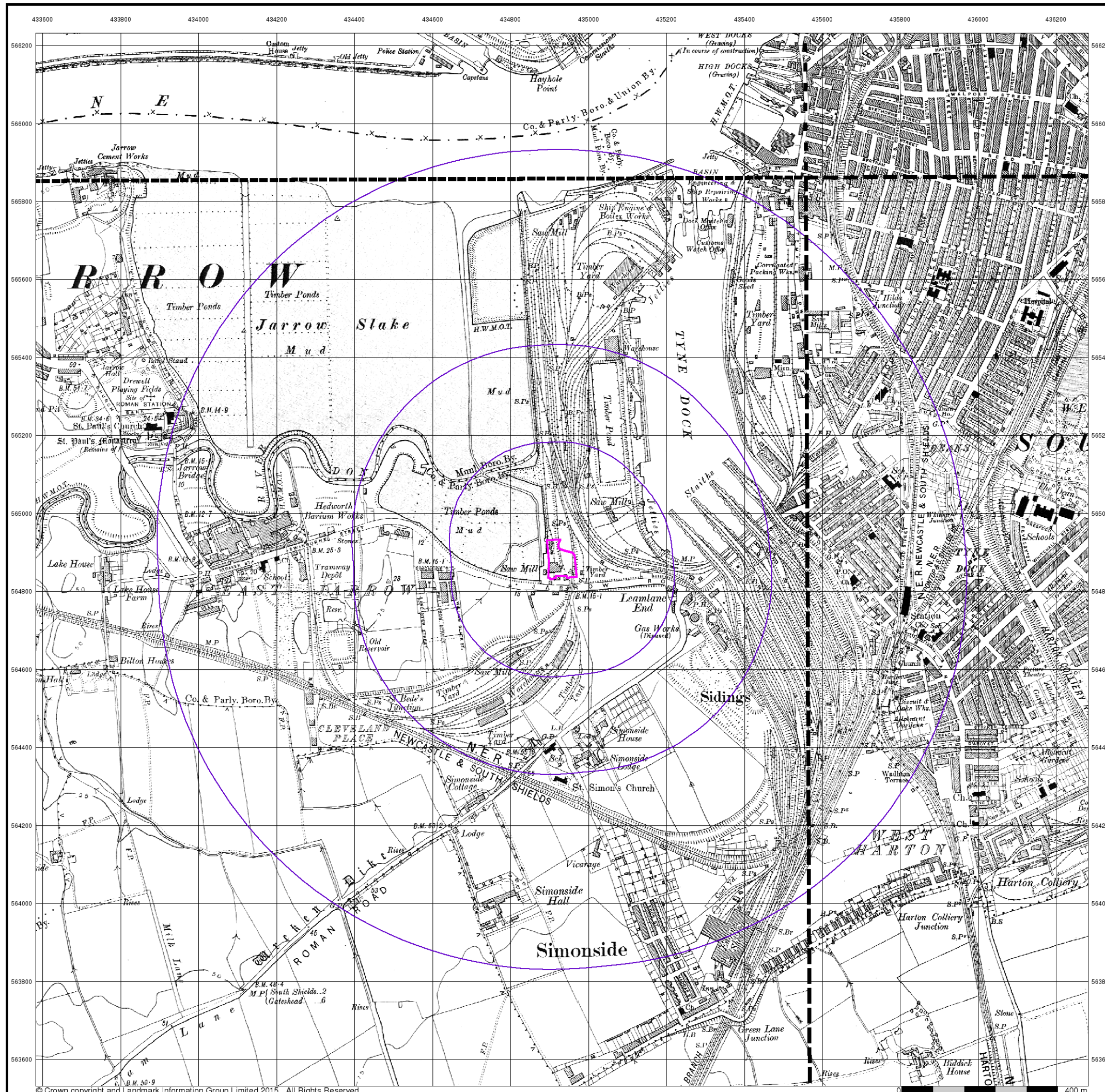


### Order Details

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

### Site Details

Jarrow Road, South Shields, NE34 9PS



**Durham**

**Published 1938**

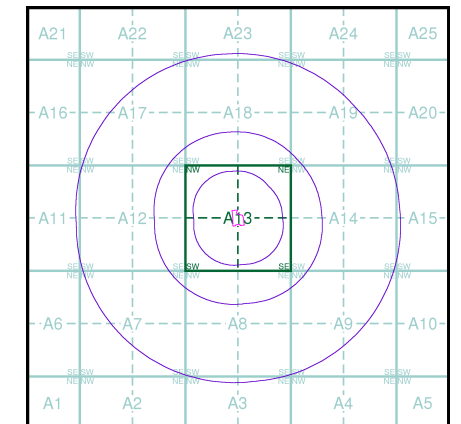
**Source map scale - 1:10,560**

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: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

**Site Details**

Jarrow Road, South Shields, NE34 9PS



### Ordnance Survey Plan

Published 1951 - 1952

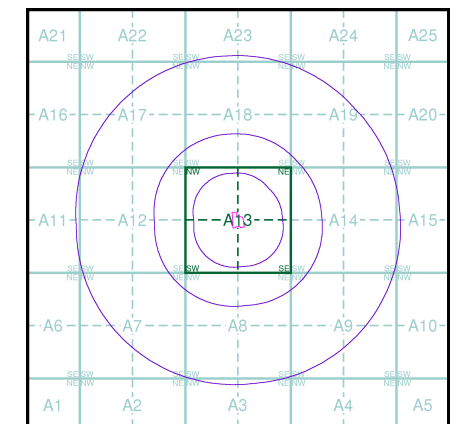
Source map scale - 1:10,000

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	NZ36NE
1951	1952
1:10,560	1:10,560
NZ36SW	NZ36SE
1952	1951
1:10,560	1:10,560

### Historical Map - Slice A



### Order Details

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

### Site Details

Jarrow Road, South Shields, NE34 9PS



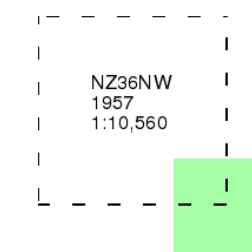
## Ordnance Survey Plan

Published 1957

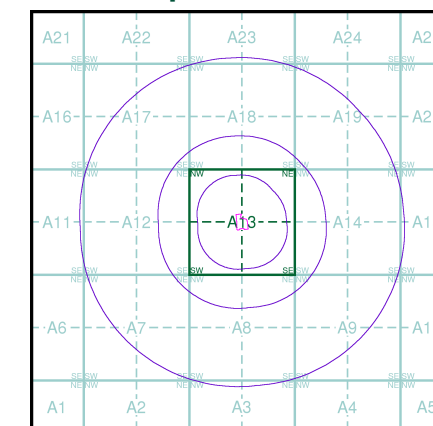
Source map scale - 1:10,000

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

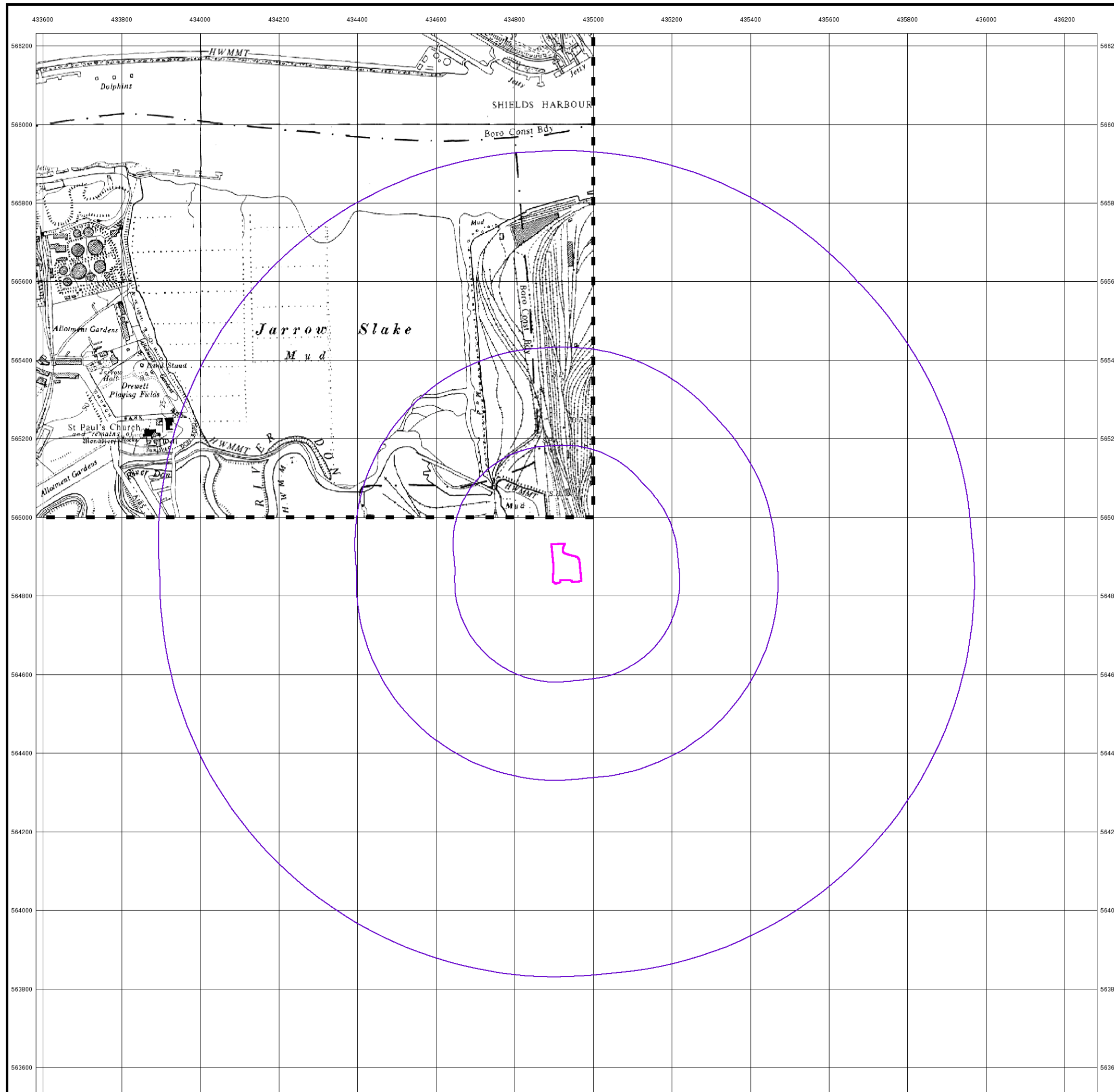


### Order Details

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

### Site Details

Jarrow Road, South Shields, NE34 9PS





## Ordnance Survey Plan

Published 1967 - 1968

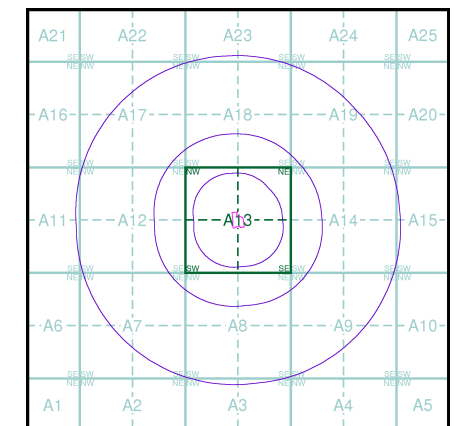
Source map scale - 1:10,000

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

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

NZ36NW	NZ36NE
1967	1967
1:10,560	1:10,560
NZ36SW	NZ36SE
1967	1968
1:10,560	1:10,560

### Historical Map - Slice A



### Order Details

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

### Site Details

Jarrow Road, South Shields, NE34 9PS



## Ordnance Survey Plan

Published 1973 - 1977

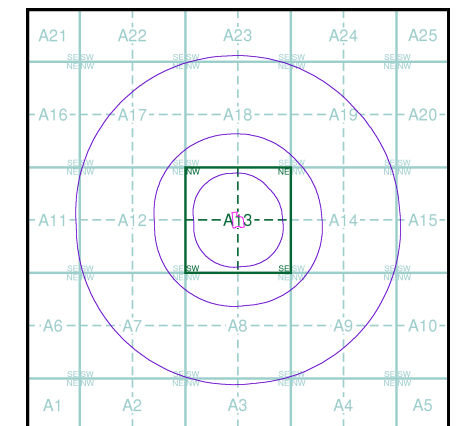
Source map scale - 1:10,000

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

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

NZ36NW	NZ36NE
1973	1976
1:10,000	1:10,000
NZ36SW	NZ36SE
1975	1977
1:10,000	1:10,000

### Historical Map - Slice A



### Order Details

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

### Site Details

Jarrow Road, South Shields, NE34 9PS



## Sunderland

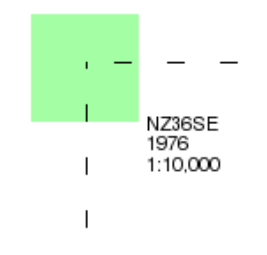
Published 1976

Source map scale - 1:10,000

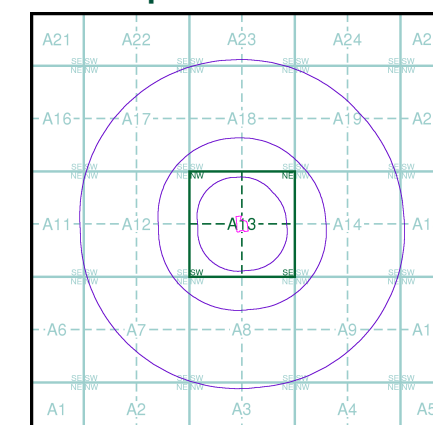
These maps were produced by the Russian military during the Cold War between 1950 and 1997, and cover 103 towns and cities throughout the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scale, and show detailed land use, with colour-coded areas for development, green areas, and non-developed 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)



### Russian Map - Slice A

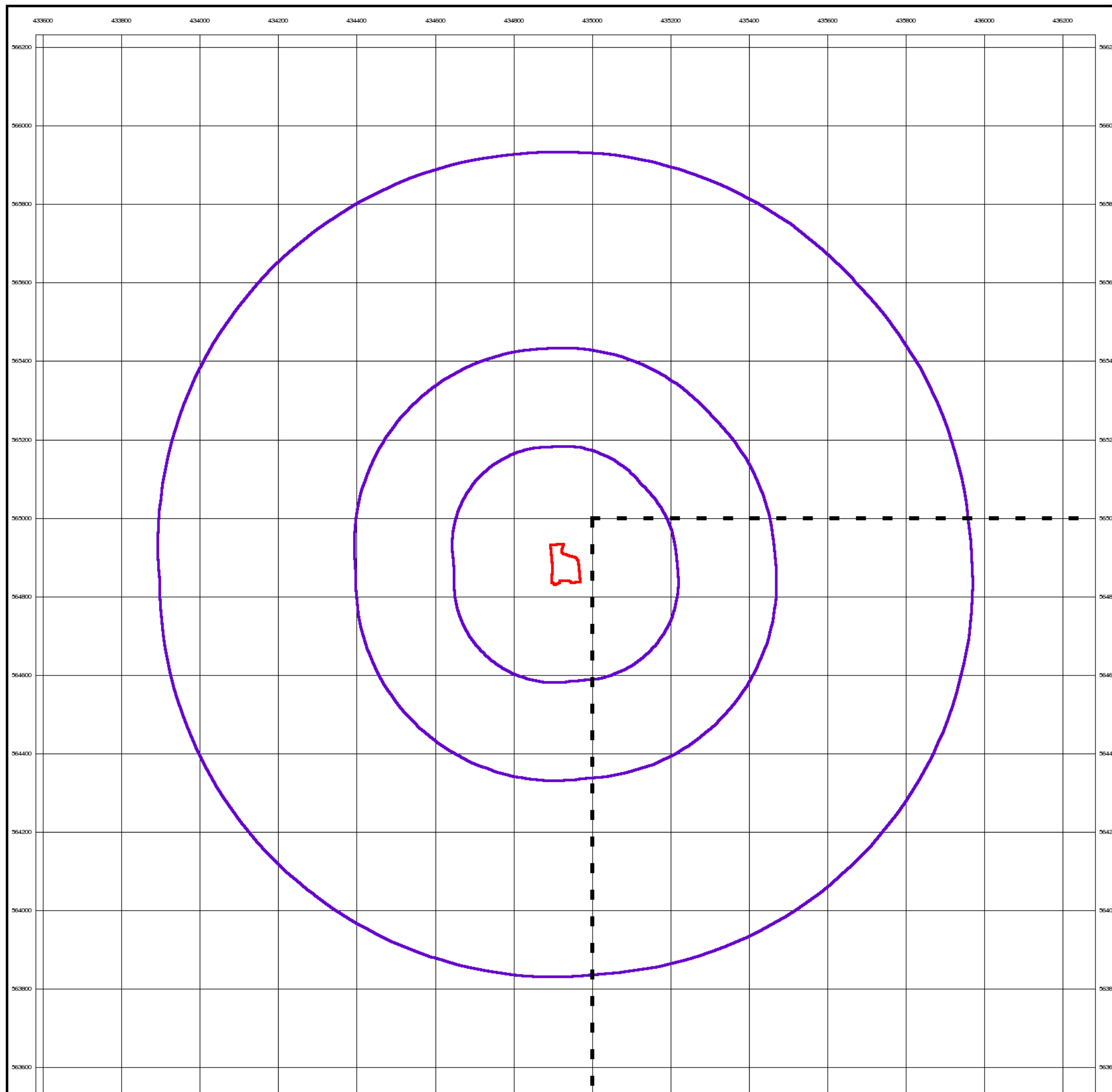


### Order Details

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

### Site Details

Jarrow Road, South Shields, NE34 9PS



## Newcastle-upon-Tyne

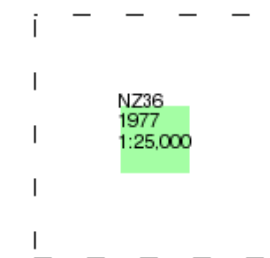
Published 1977

Source map scale - 1:25,000

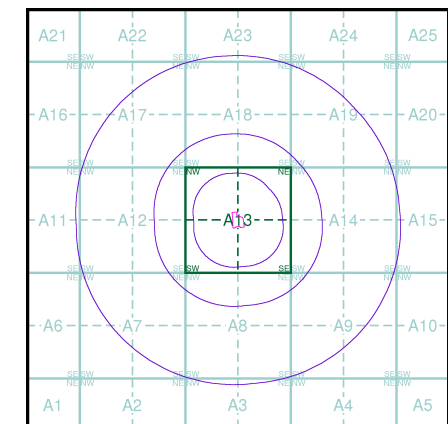
These maps were produced by the Russian military during the Cold War between 1950 and 1997, and cover 103 towns and cities throughout the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scale, and show detailed land use, with colour-coded areas for development, green areas, and non-developed 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.

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



### Russian Map - Slice A

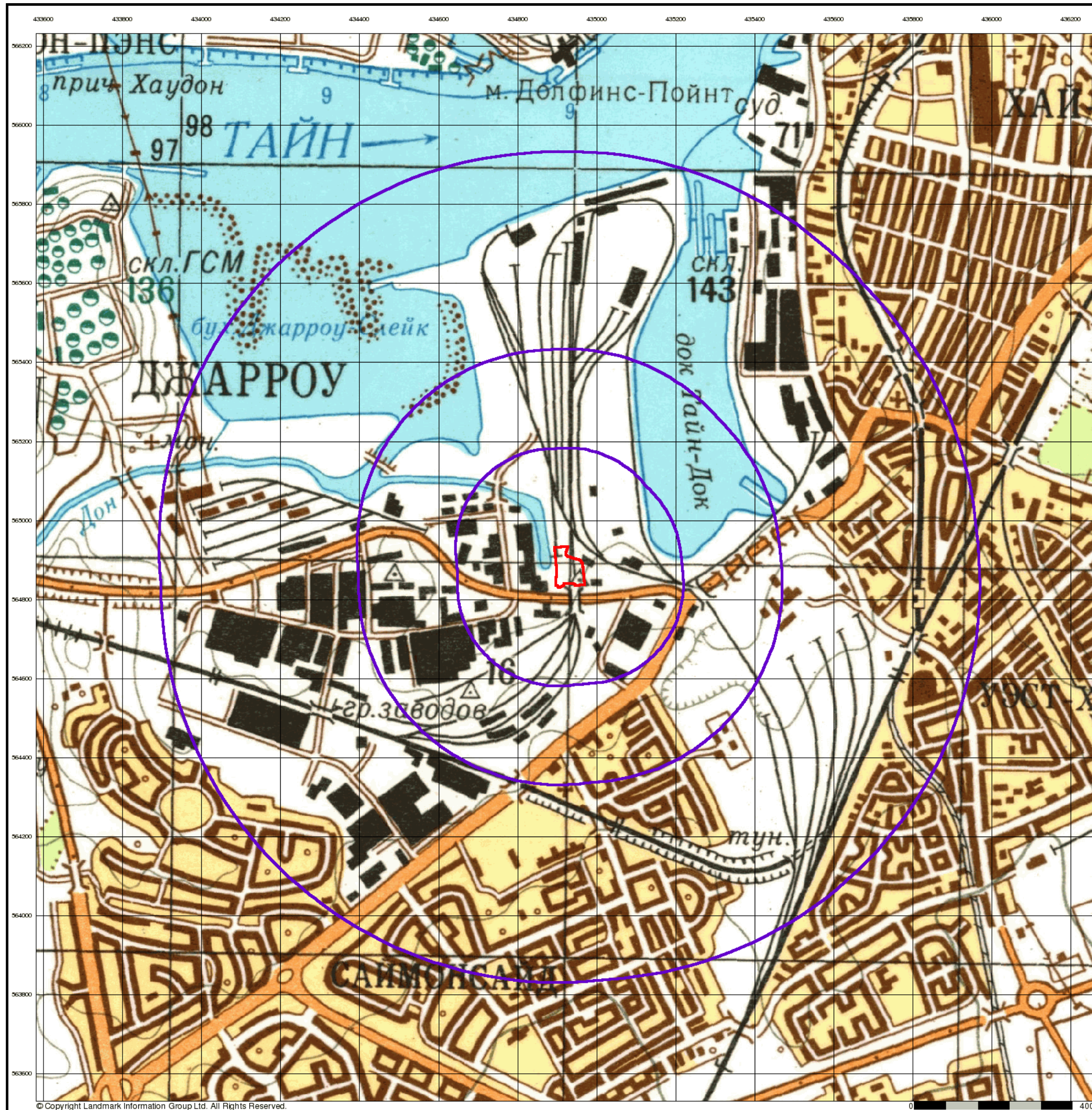


### Order Details

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

### Site Details

Jarrow Road, South Shields, NE34 9PS




### Ordnance Survey Plan

Published 1982 - 1987

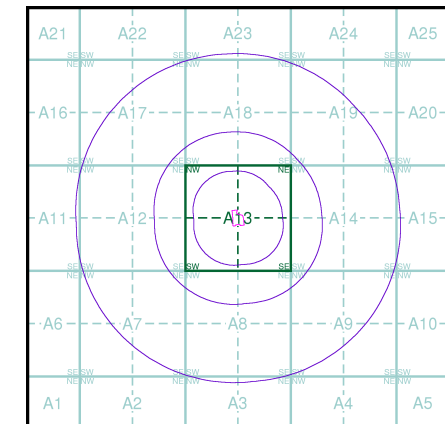
Source map scale - 1:10,000

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

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

NZ36NW	NZ36NE
1982	1986
1:10,000	1:10,000
	
NZ36SE 1987 1:10,000	

### Historical Map - Slice A



### Order Details

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

### Site Details

Jarrow Road, South Shields, NE34 9PS



## Ordnance Survey Plan

Published 1992 - 1995

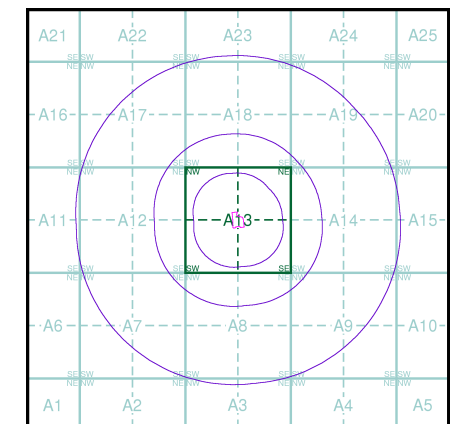
Source map scale - 1:10,000

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)

NZ36NW	NZ36NE
1995	1993
1:10,000	1:10,000
■	
NZ36SW	
1992	
1:10,000	

### Historical Map - Slice A

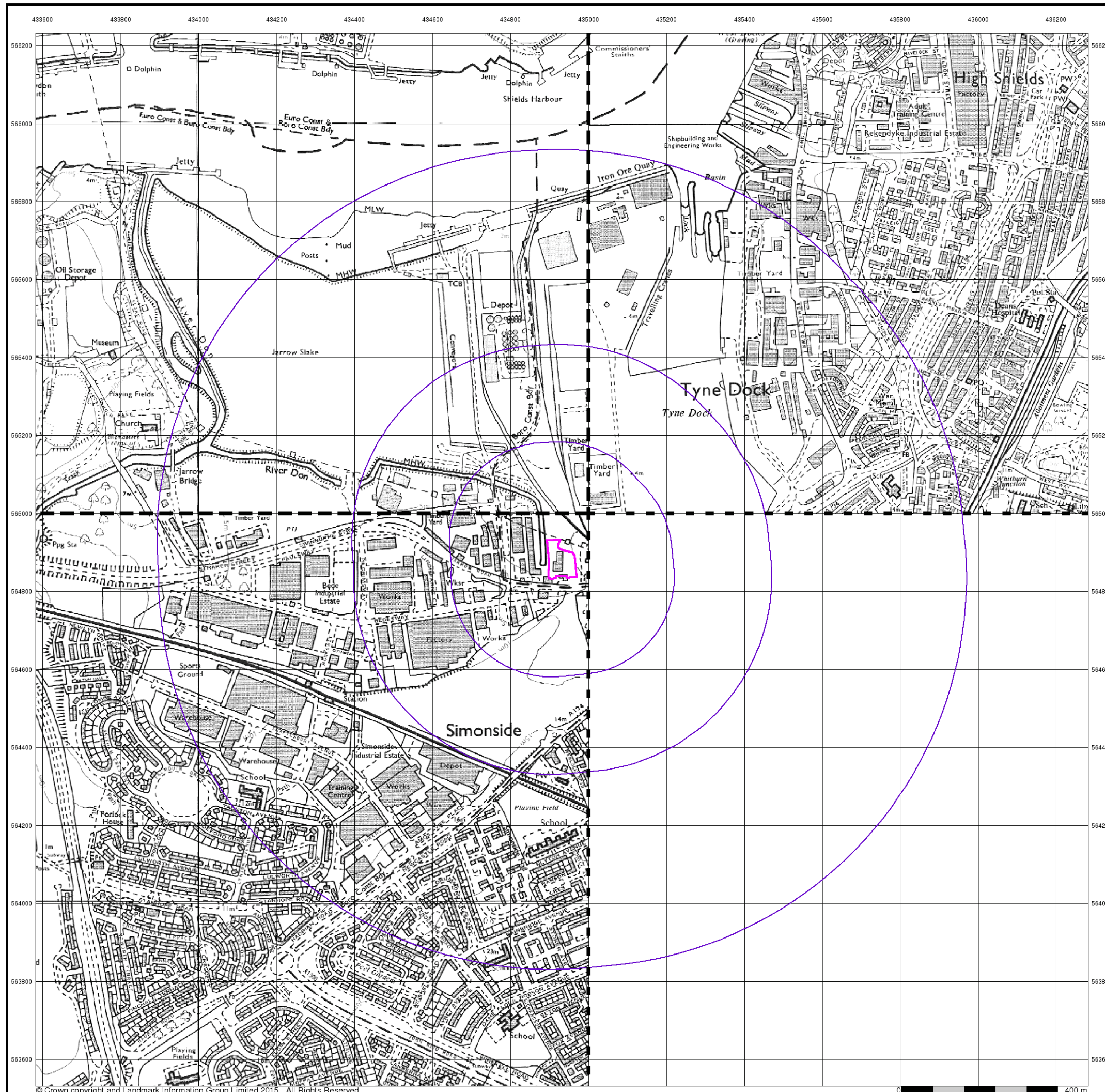


### Order Details

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

### Site Details

Jarrow Road, South Shields, NE34 9PS

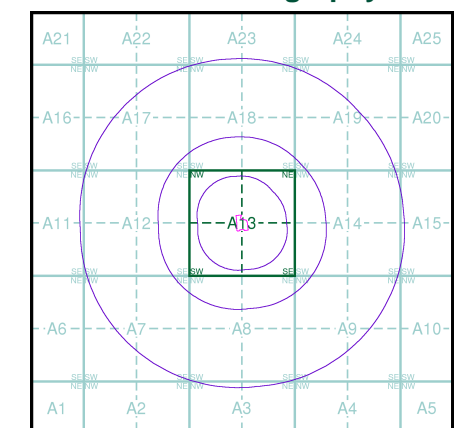


## Historical Aerial Photography

**Published 1999**

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

### Historical Aerial Photography - Slice A



### Order Details

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

### Site Details

Jarrow Road, South Shields, NE34 9PS



### 10k Raster Mapping

Published 2000

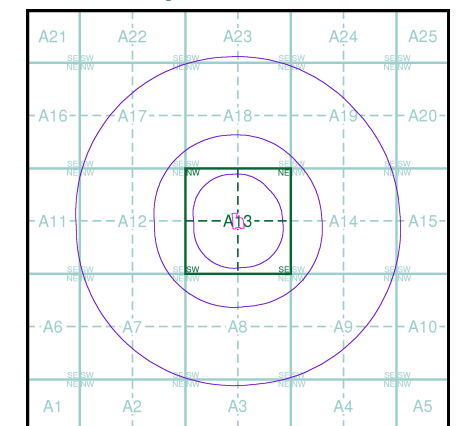
Source map scale - 1:10,000

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

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

NZ36NW	NZ36NE
2000	2000
1:10,000	1:10,000
NZ36SW	NZ36SE
2000	2000
1:10,000	1:10,000

### Historical Map - Slice A

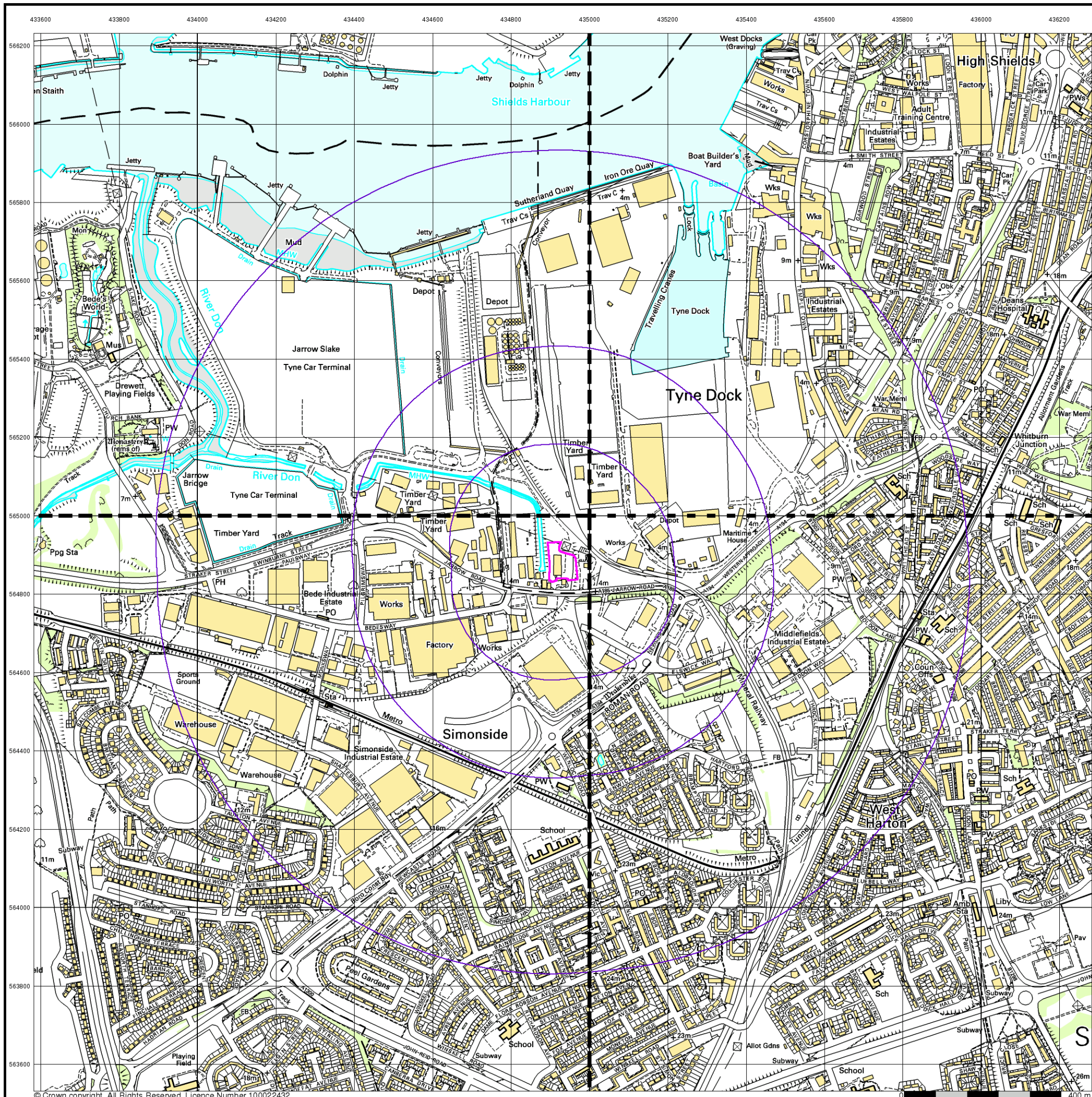


### Order Details

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

### Site Details

Jarrow Road, South Shields, NE34 9PS



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## 10k Raster Mapping

Published 2006

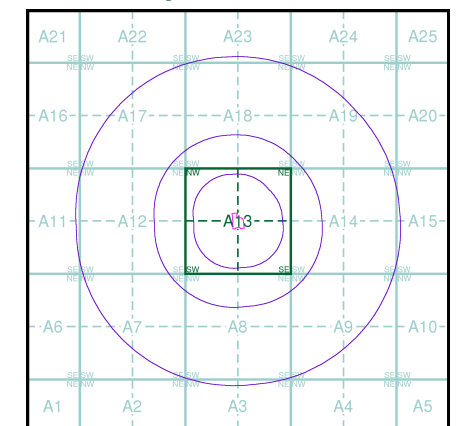
Source map scale - 1:10,000

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)

NZ36NW 2006 1:10,000	NZ36NE 2006 1:10,000
NZ36SW 2006 1:10,000	NZ36SE 2006 1:10,000

### Historical Map - Slice A

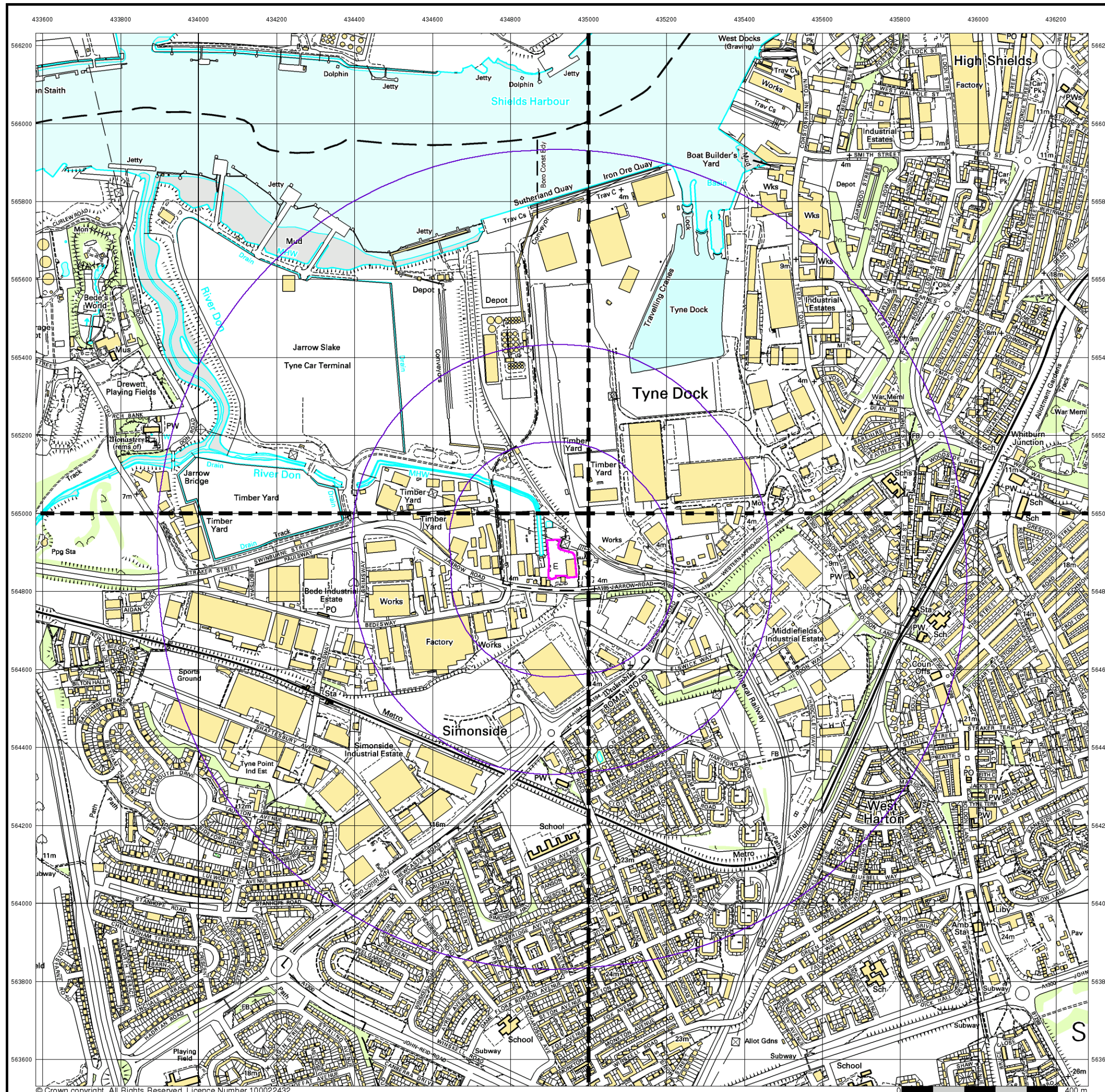


### Order Details

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

### Site Details

Jarrow Road, South Shields, NE34 9PS



## VectorMap Local

Published 2016

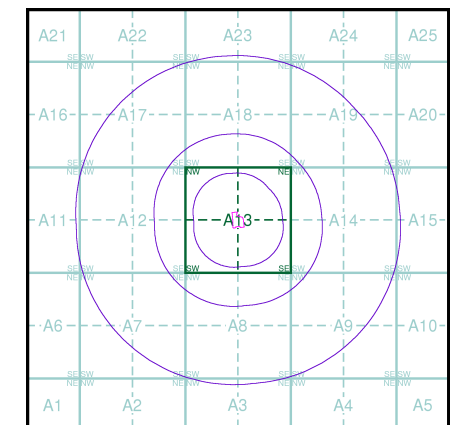
Source map scale - 1:10,000

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

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

NZ36NW 2016 Variable	NZ36NE 2016 Variable
NZ36SW 2016 Variable	NZ36SE 2016 Variable

## Historical Map - Slice A

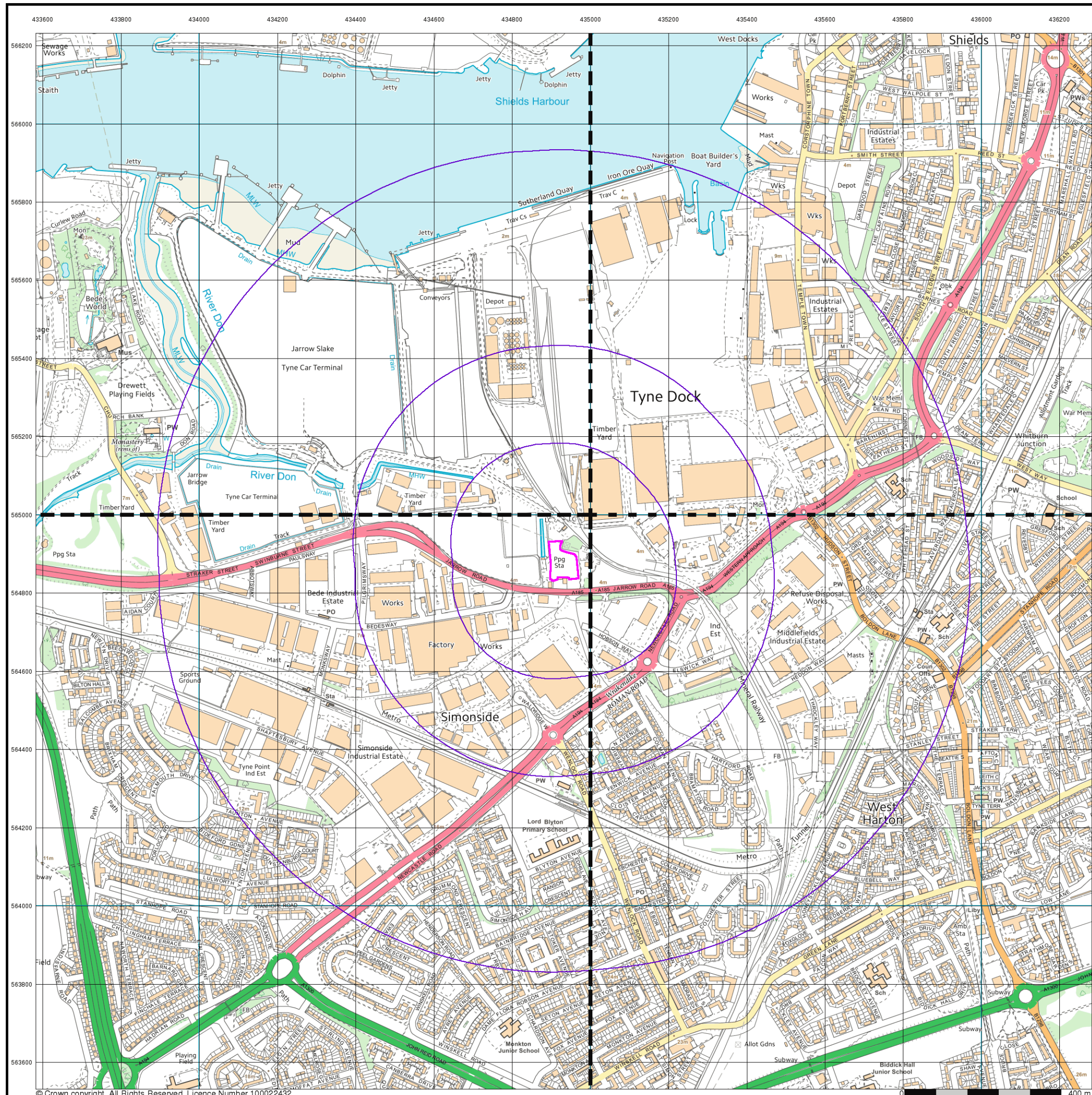


## Order Details

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

## Site Details

Jarrow Road, South Shields, NE34 9PS



# 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

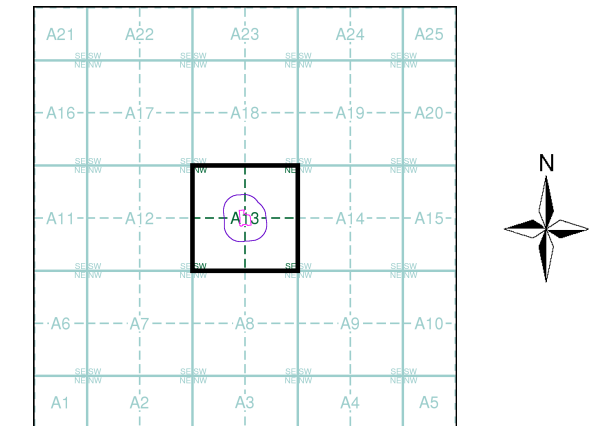
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard 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
Northumberland	1:2,500	1859	2
Northumberland	1:2,500	1861	3
Durham	1:2,500	1876	4
Durham	1:2,500	1897	5
Durham	1:2,500	1918	6
Durham	1:2,500	1942	7
Ordnance Survey Plan	1:1,250	1956 - 1958	8
Ordnance Survey Plan	1:2,500	1956 - 1959	9
Ordnance Survey Plan	1:1,250	1969 - 1971	10
Ordnance Survey Plan	1:2,500	1970	11
Supply of Unpublished Survey Information	1:1,250	1973 - 1976	12
Additional SIMs	1:1,250	1982 - 1986	13
Additional SIMs	1:1,250	1986 - 1992	14
Ordnance Survey Plan	1:1,250	1989	15
Large-Scale National Grid Data	1:1,250	1993	16
Large-Scale National Grid Data	1:1,250	1994	17
Large-Scale National Grid Data	1:1,250	1994	18
Large-Scale National Grid Data	1:1,250	1996	19
Large-Scale National Grid Data	1:1,250	1996	20

## Historical Map - Segment A13



## Order Details

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 100

## Site Details

Jarrow Road, South Shields, NE34 9PS



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

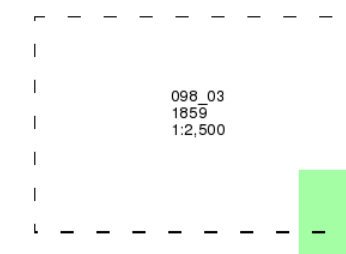
## Northumberland

Published 1859

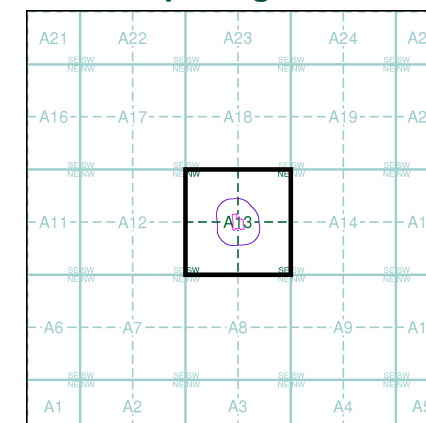
Source map scale - 1:2,500

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

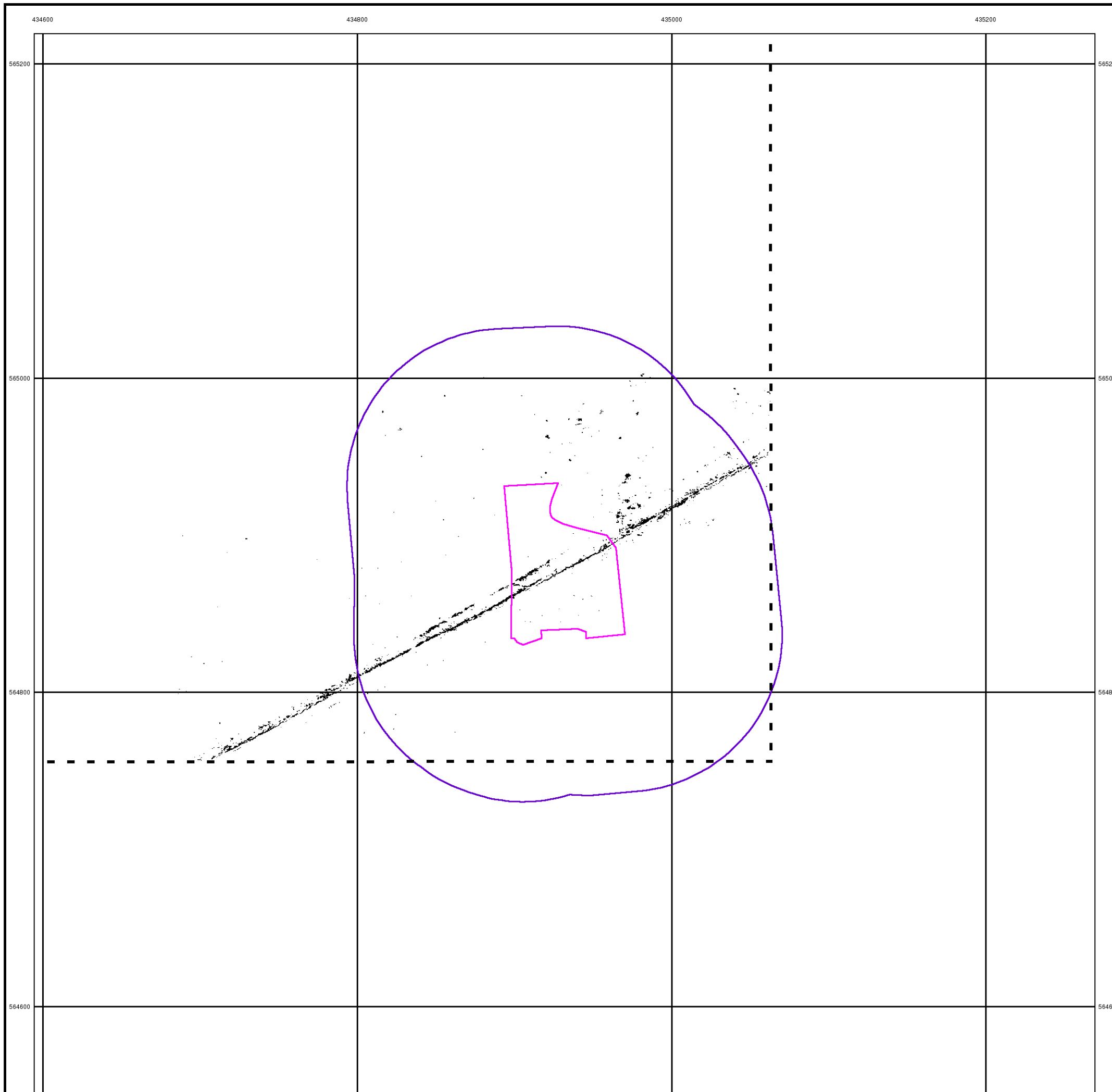


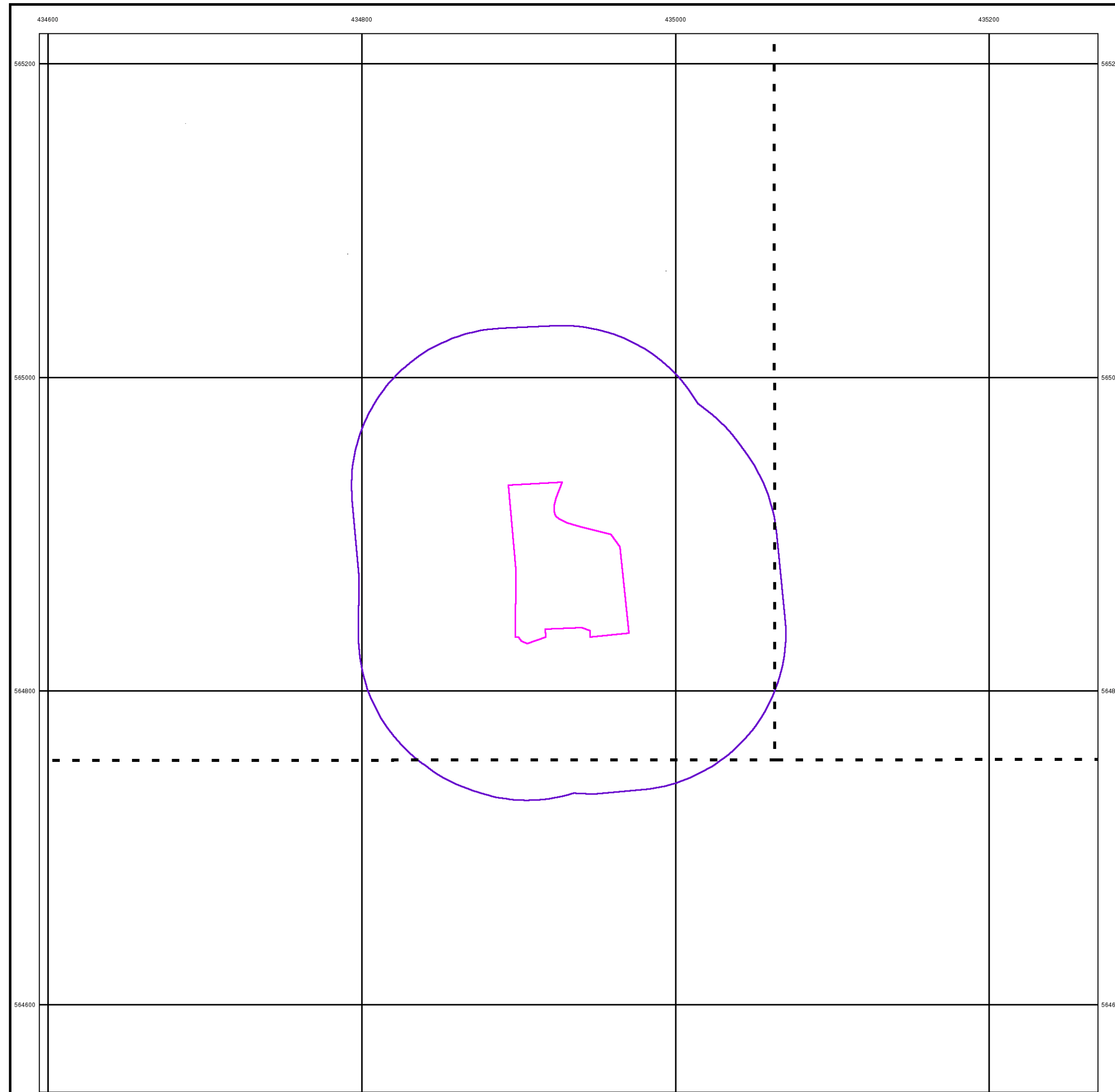
### Order Details

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 100

### Site Details

Jarrow Road, South Shields, NE34 9PS





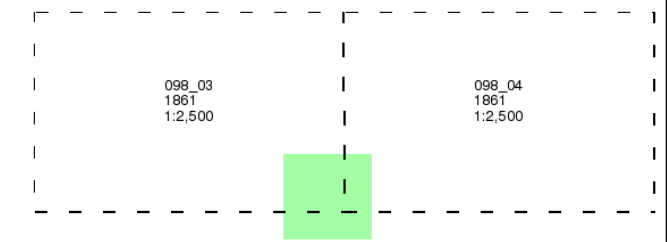
**Northumberland**

**Published 1861**

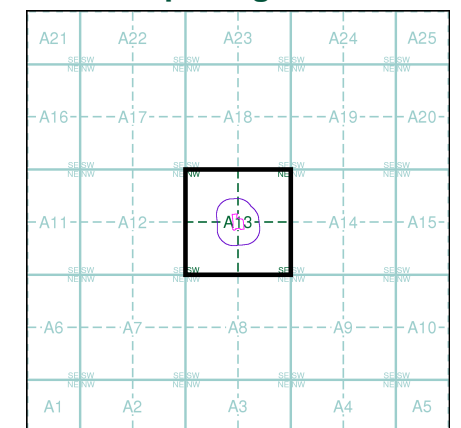
**Source map scale - 1:2,500**

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: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 100

**Site Details**

Jarrow Road, South Shields, NE34 9PS

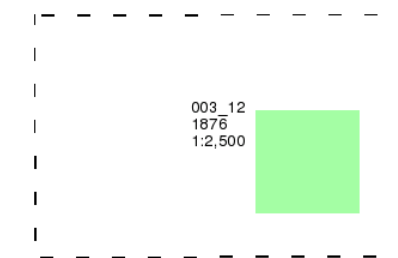
**Durham**

**Published 1876**

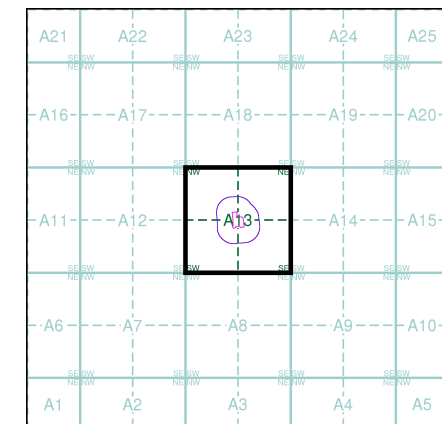
**Source map scale - 1:2,500**

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**

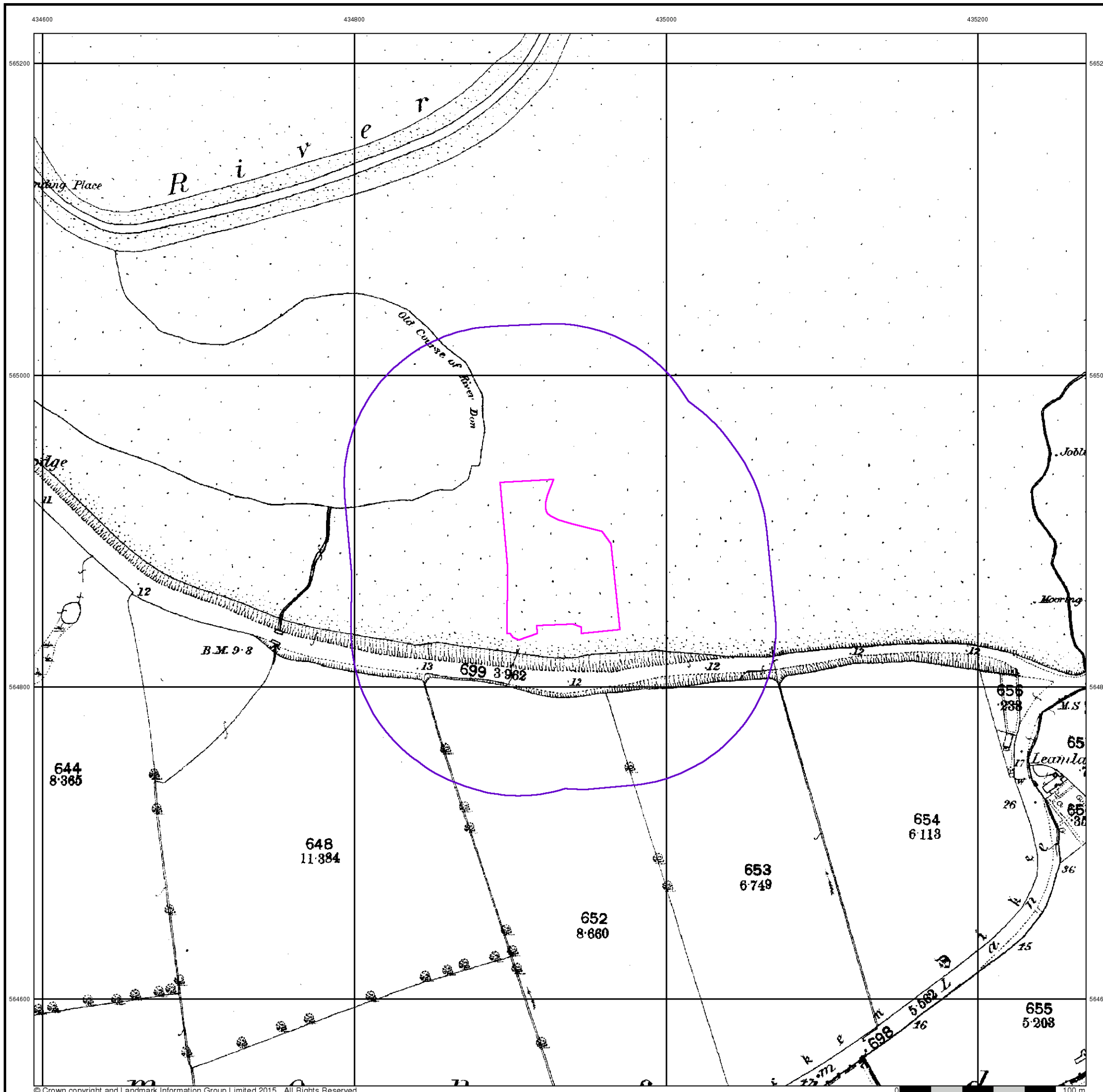


**Order Details**

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 100

**Site Details**

Jarrow Road, South Shields, NE34 9PS



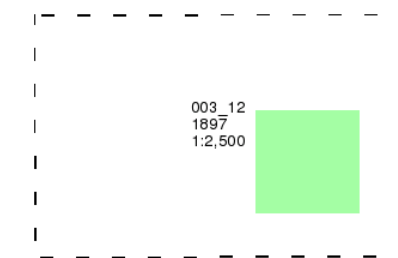
**Durham**

**Published 1897**

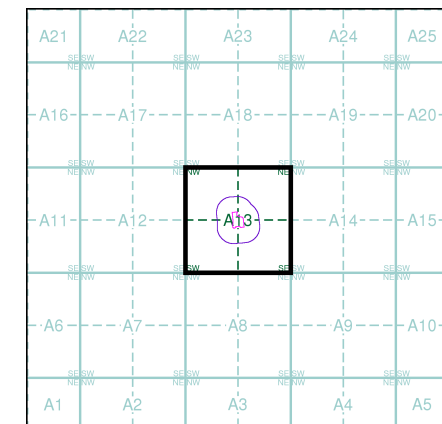
**Source map scale - 1:2,500**

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

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



**Historical Map - Segment A13**

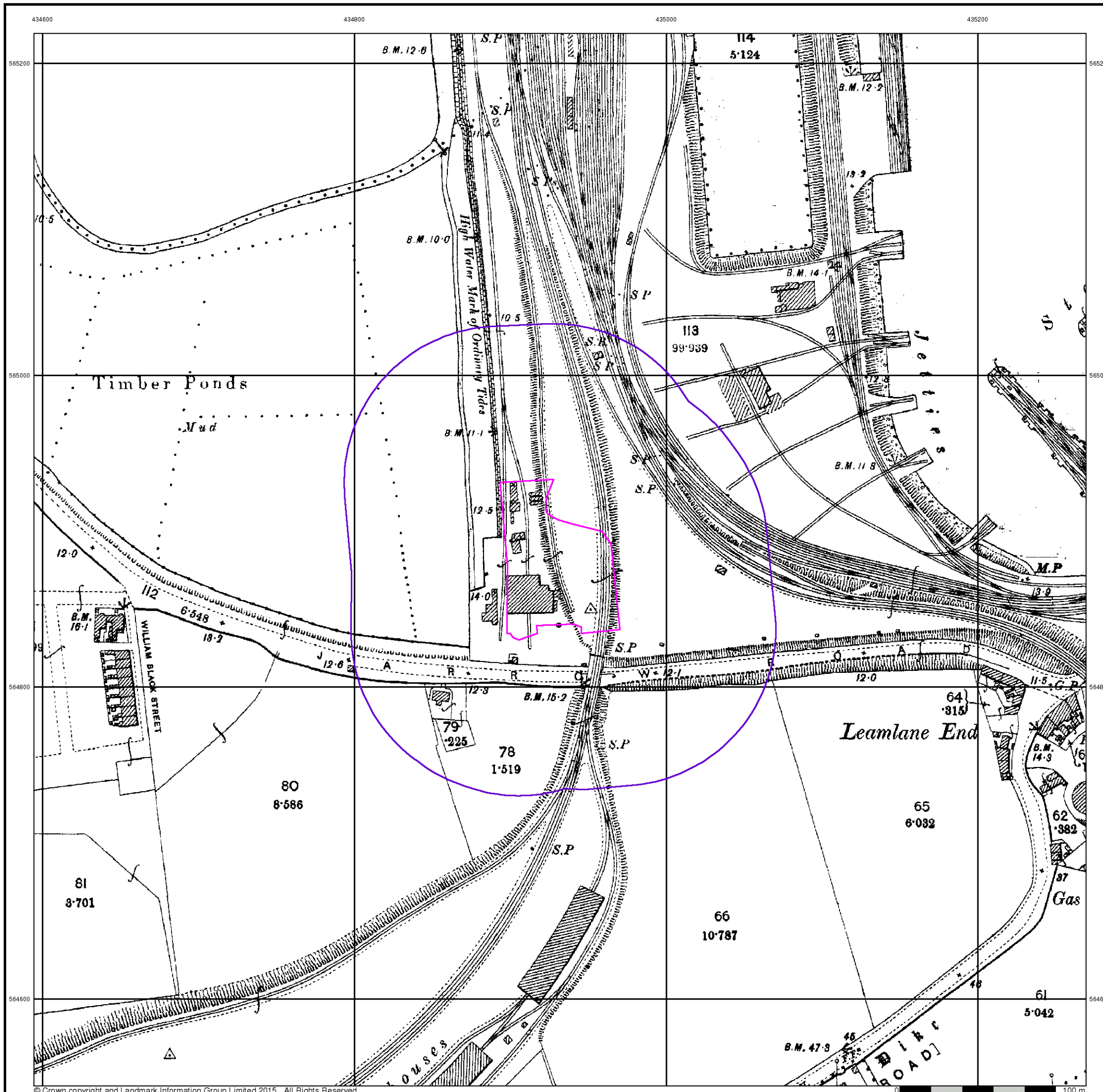


**Order Details**

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 100

**Site Details**

Jarrow Road, South Shields, NE34 9PS



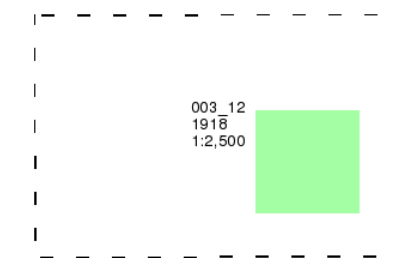
## Durham

Published 1918

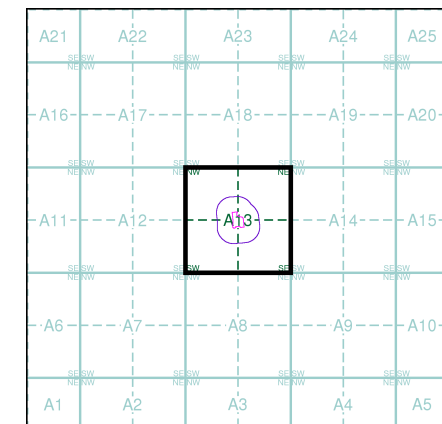
Source map scale - 1:2,500

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

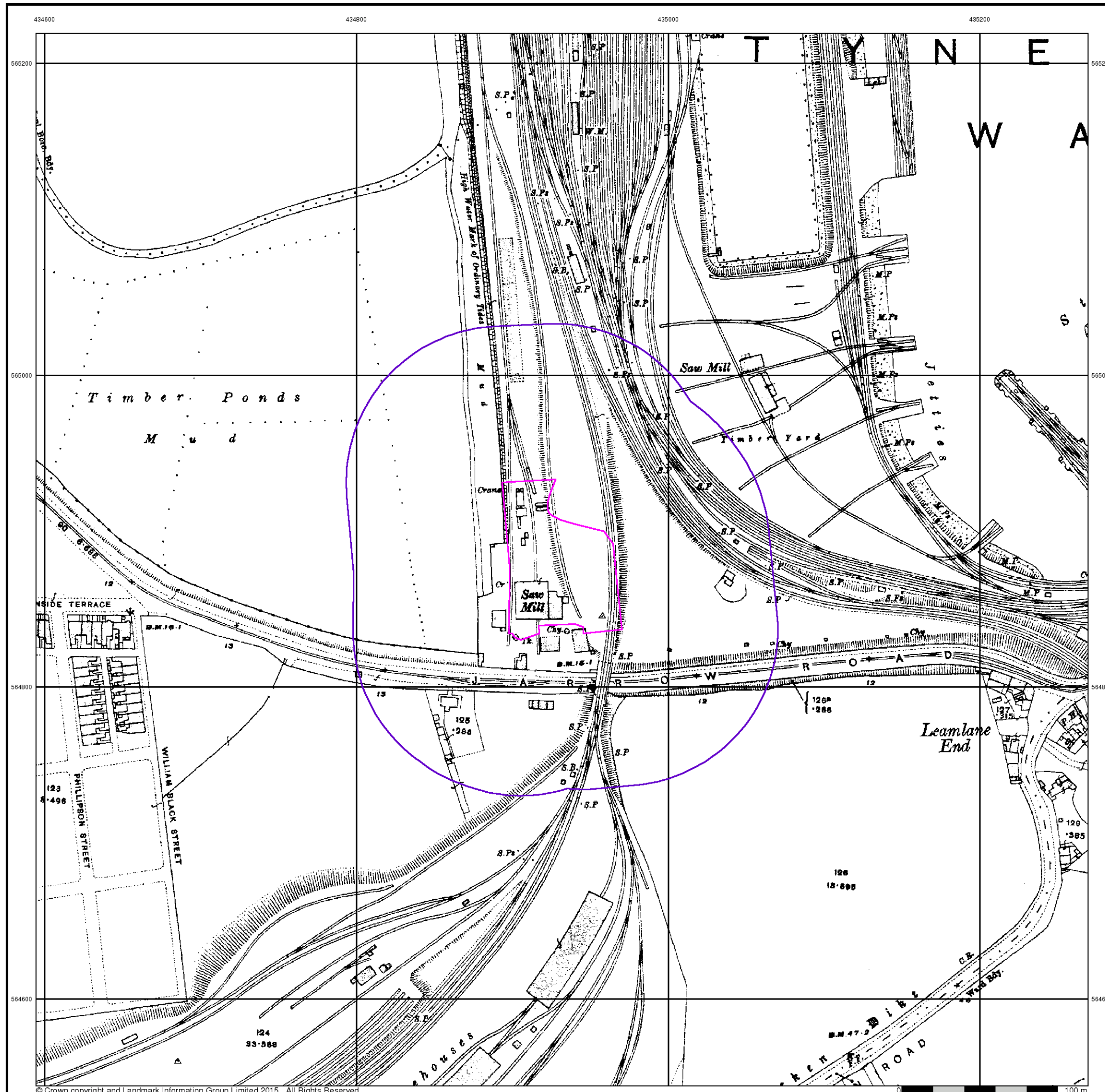


### Order Details

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 100

### Site Details

Jarrow Road, South Shields, NE34 9PS





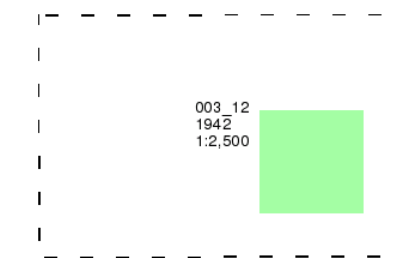
**Durham**

**Published 1942**

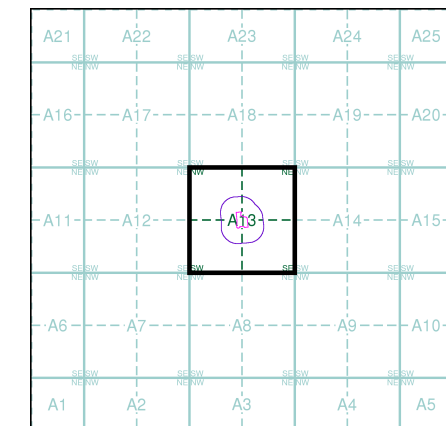
**Source map scale - 1:2,500**

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**

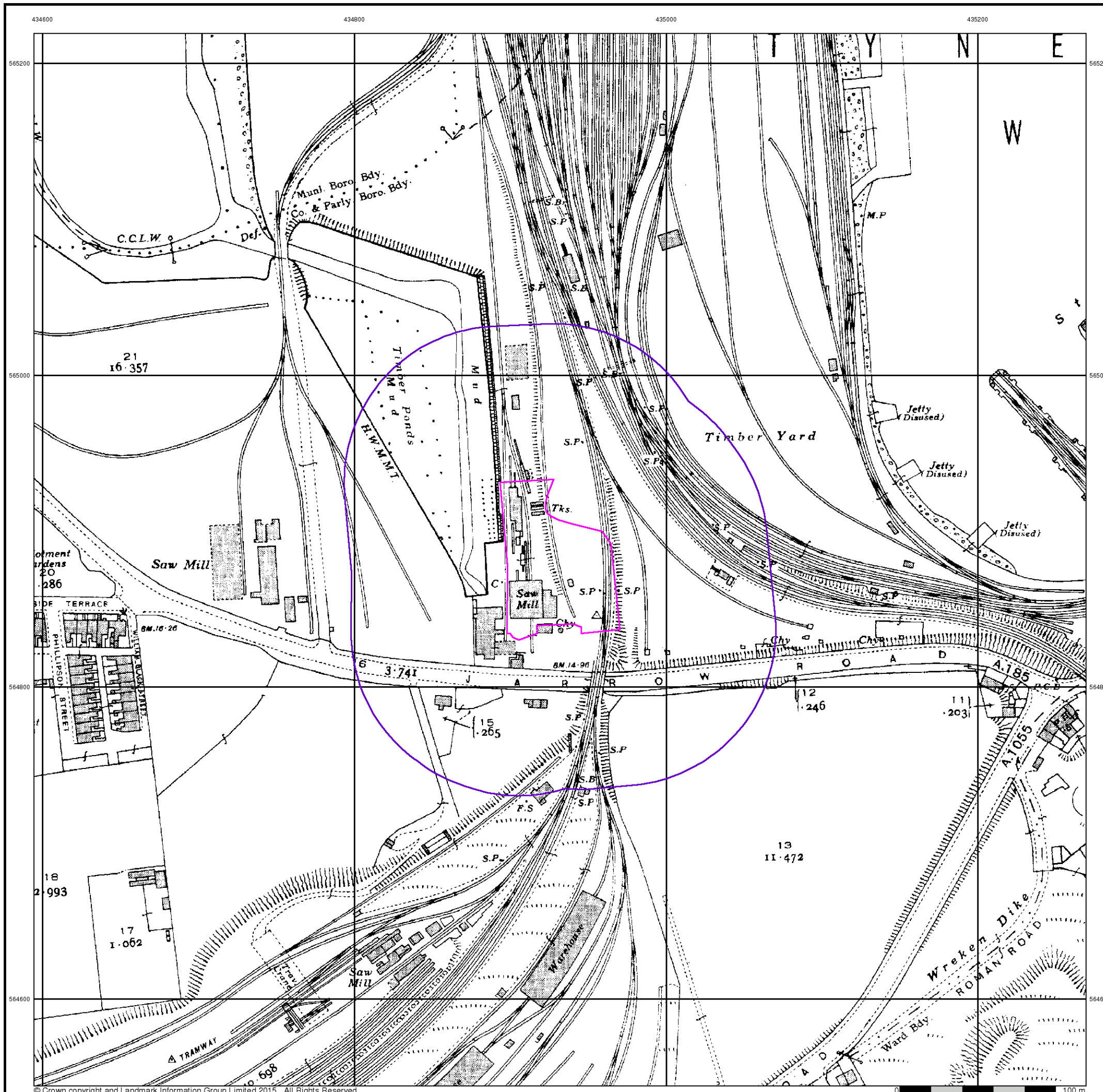


**Order Details**

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
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 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 100

**Site Details**

Jarrow Road, South Shields, NE34 9PS



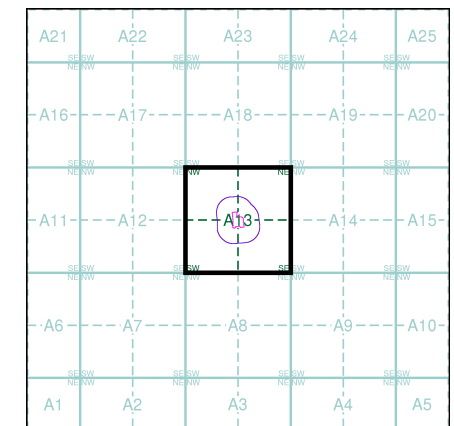
**Ordnance Survey Plan**  
**Published 1956 - 1958**  
**Source map scale - 1:1,250**

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

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

NZ3485SE 1956 1:1,250	NZ3565SW 1956 1:1,250
NZ3484NE 1958 1:1,250	NZ3564NW 1958 1:1,250

**Historical Map - Segment A13**

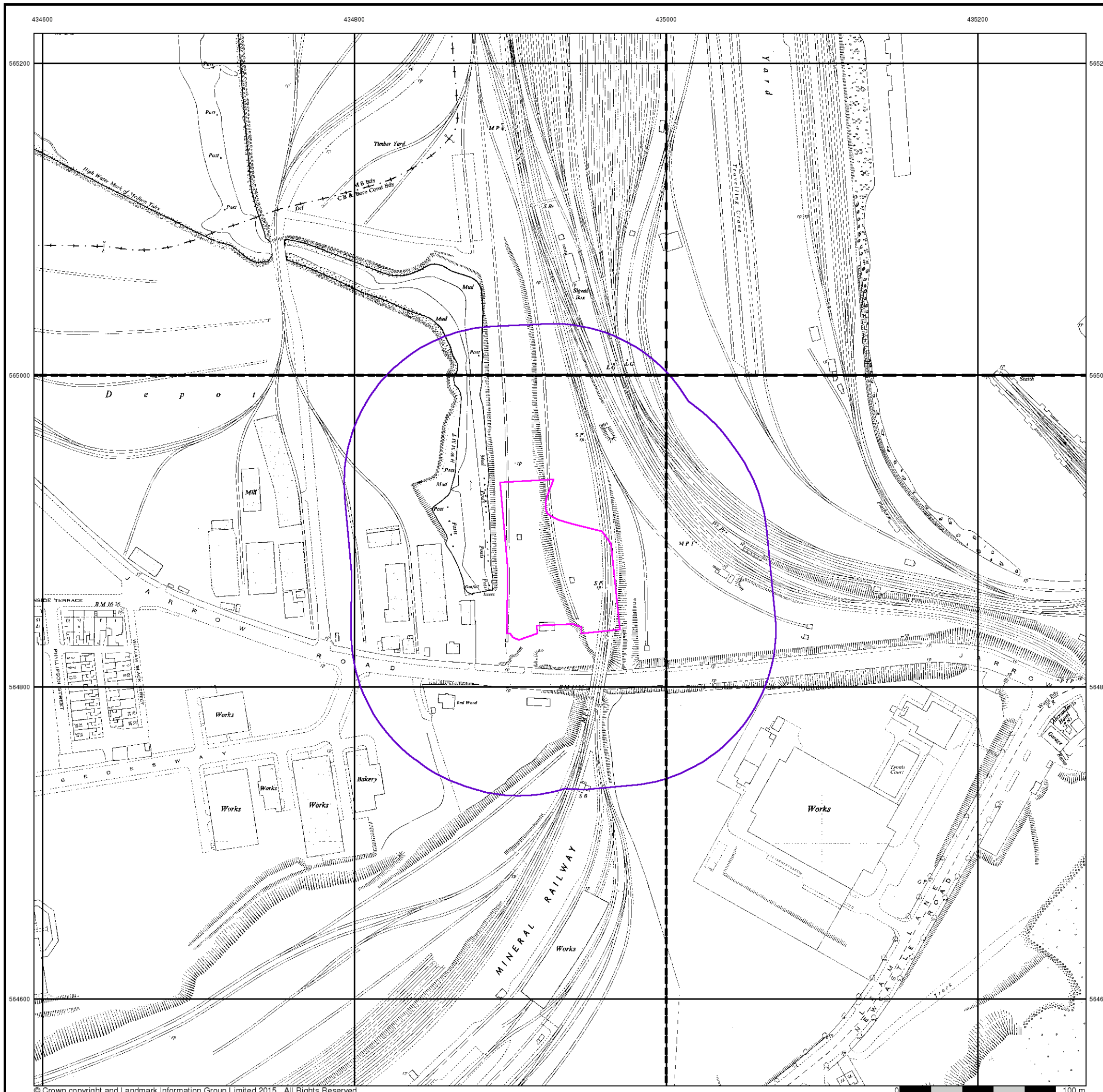


**Order Details**

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 100

**Site Details**

Jarrow Road, South Shields, NE34 9PS



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## Ordnance Survey Plan

Published 1956 - 1959

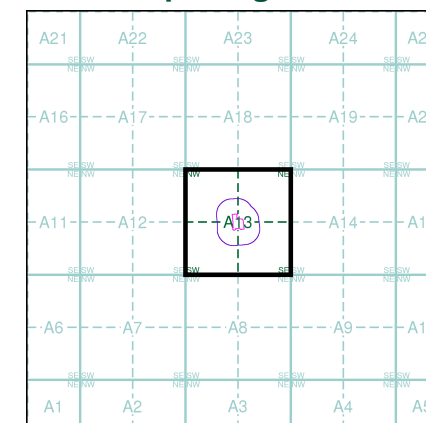
Source map scale - 1:2,500

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)

NZ3465 1958 1:2,500	NZ3565 1956 1:2,500
NZ3464 1959 1:2,500	NZ3564 1959 1:2,500

### Historical Map - Segment A13

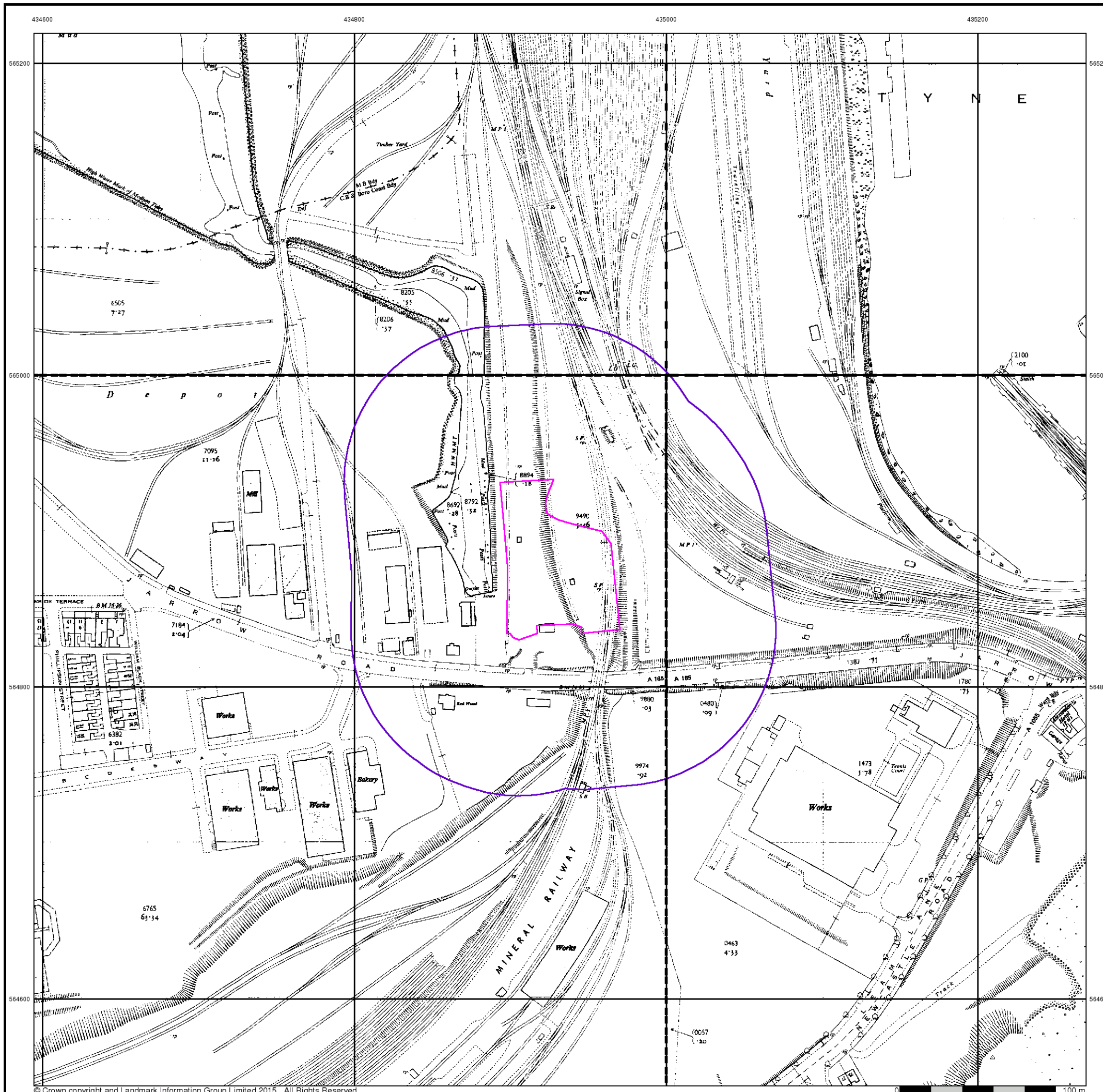


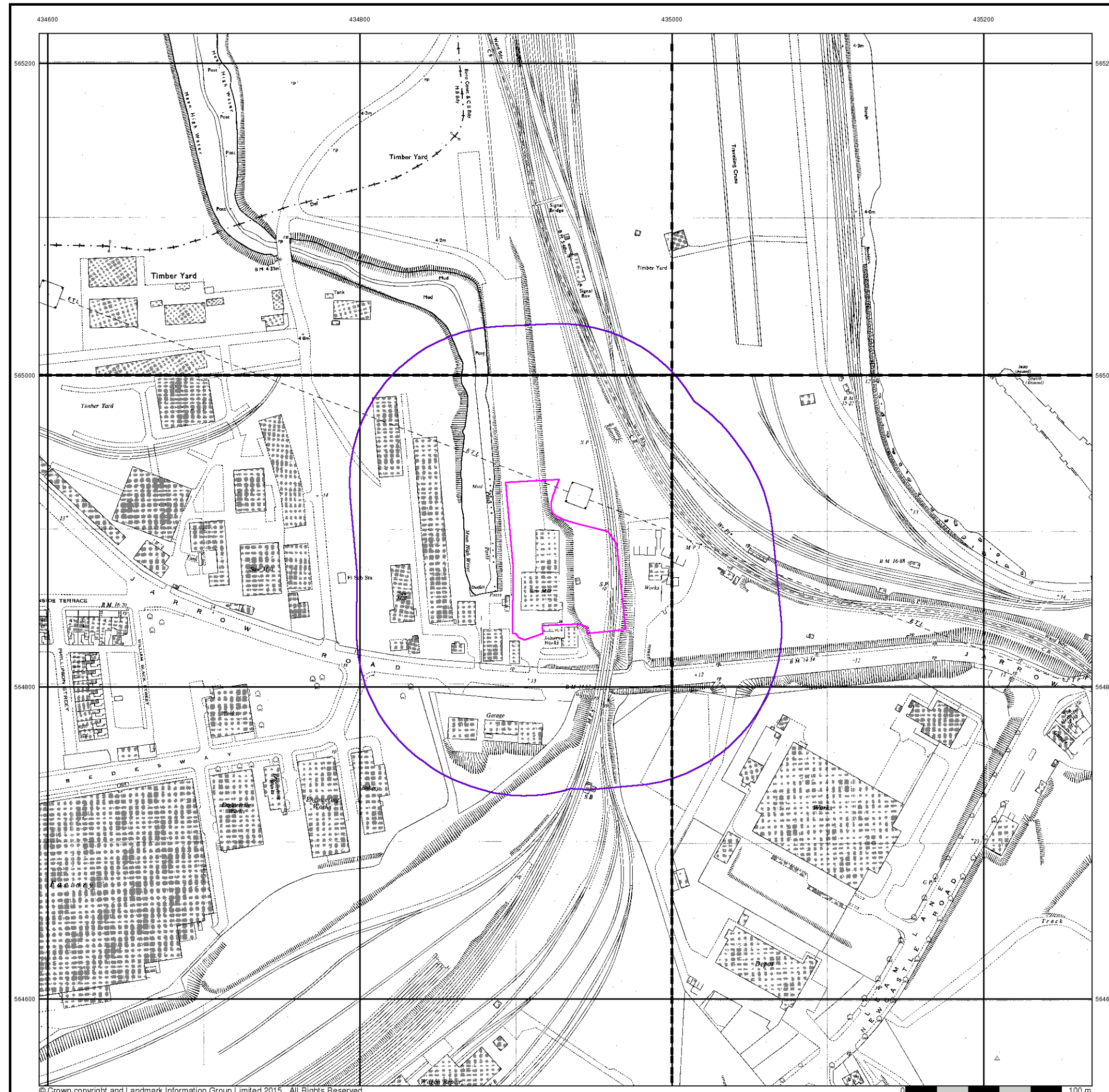
### Order Details

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 100

### Site Details

Jarrow Road, South Shields, NE34 9PS





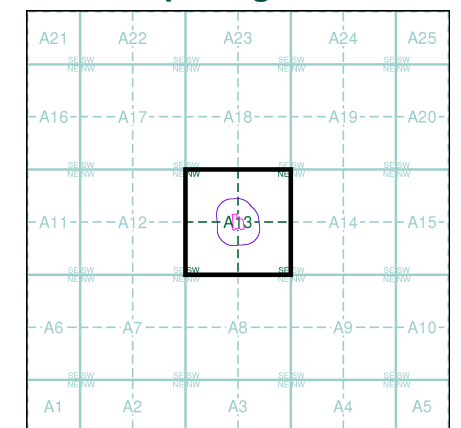
**Ordnance Survey Plan**  
**Published 1969 - 1971**  
**Source map scale - 1:1,250**

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)**

NZ3465SE 1971 1:1,250	NZ3565SW 1971 1:1,250
NZ3464NE 1969 1:1,250	NZ3564NW 1969 1:1,250

**Historical Map - Segment A13**



**Order Details**

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 100

**Site Details**

Jarrow Road, South Shields, NE34 9PS



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

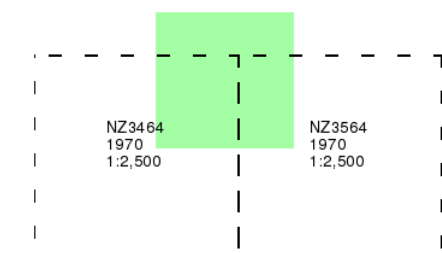
## Ordnance Survey Plan

Published 1970

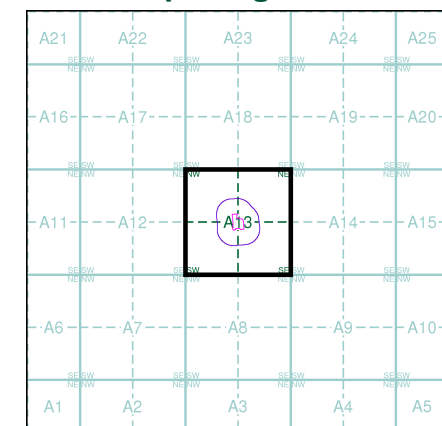
Source map scale - 1:2,500

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

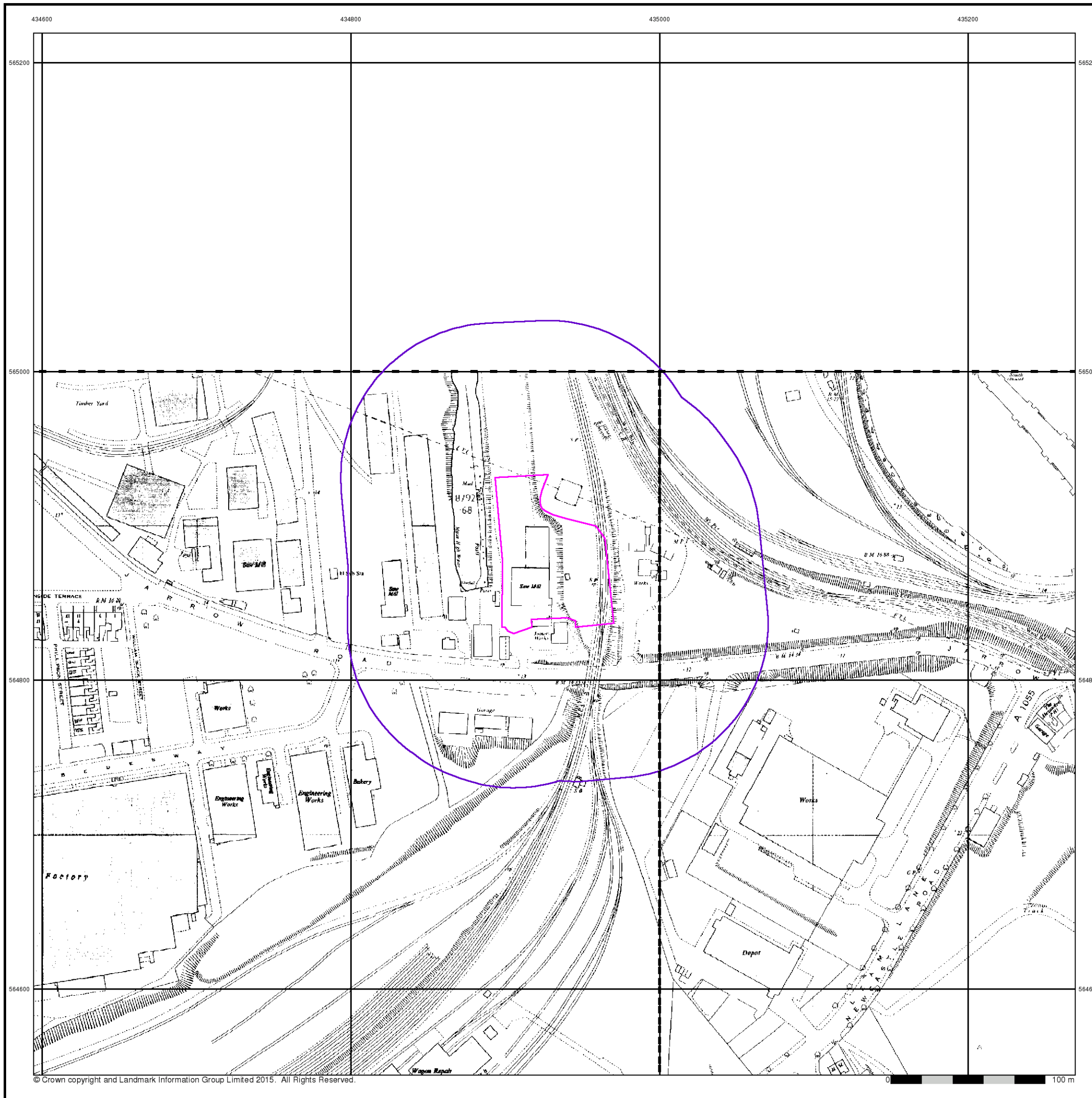


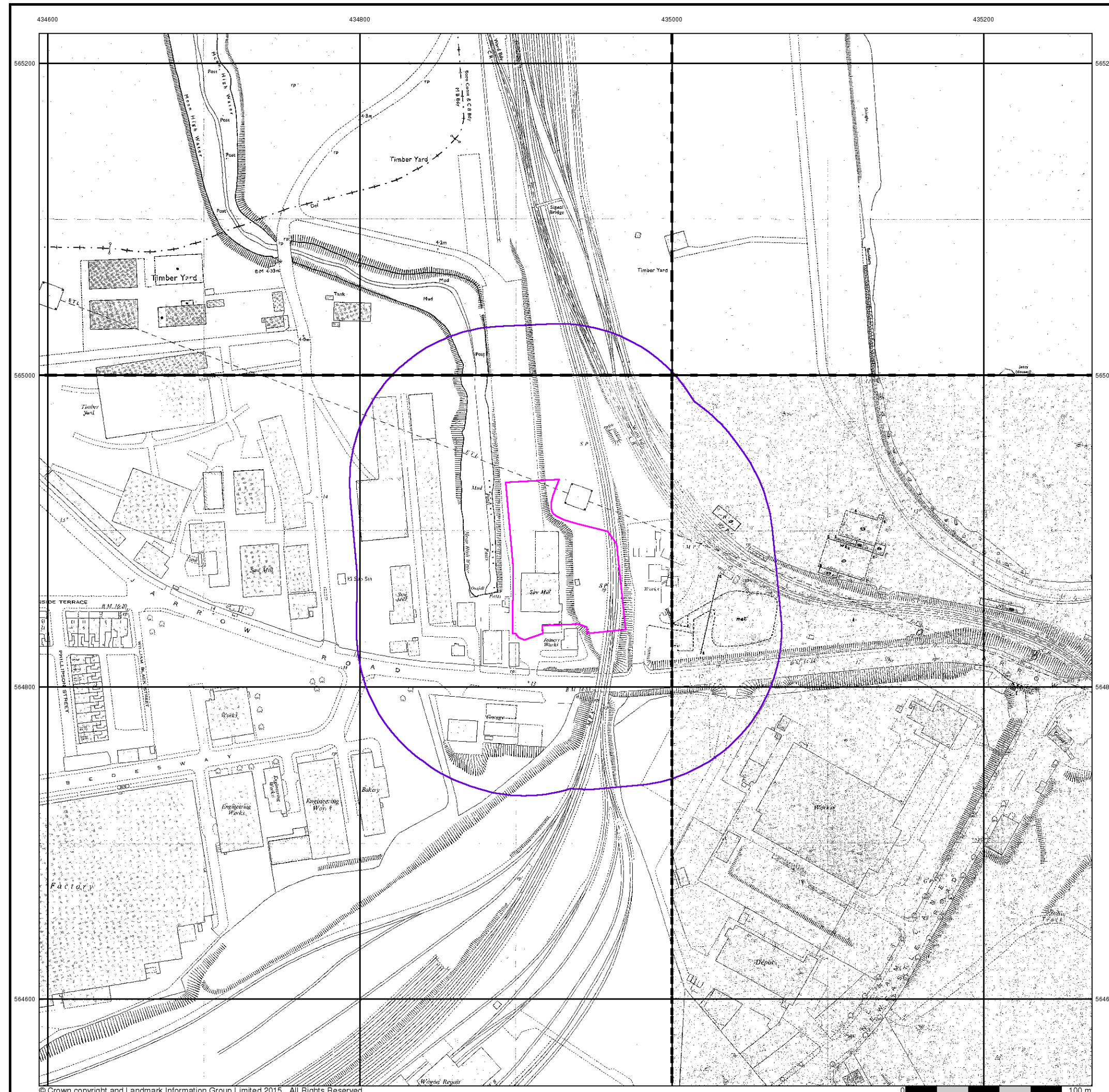
### Order Details

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 100

### Site Details

Jarrow Road, South Shields, NE34 9PS





## Supply of Unpublished Survey Information

Published 1973 - 1976

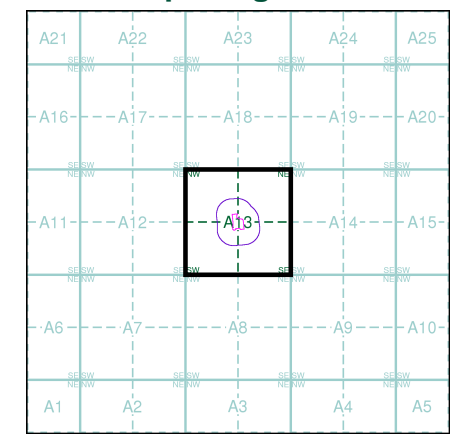
Source map scale - 1:1,250

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)

NZ3465SE	NZ3565SW
1976	1974
1:1,250	1:1,250
NZ3464NE	NZ3564NW
1973	1974
1:1,250	1:1,250

### Historical Map - Segment A13



### Order Details

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 100

### Site Details

Jarrow Road, South Shields, NE34 9PS



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

### Additional SIMs

Published 1982 - 1986

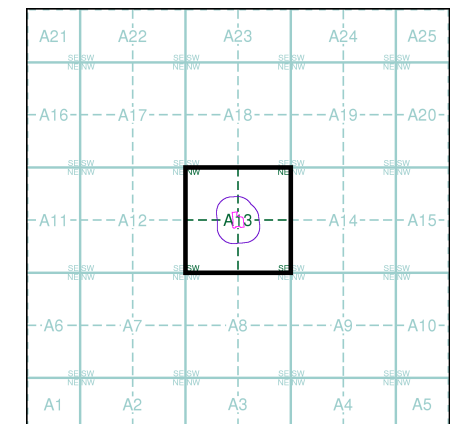
Source map scale - 1:1,250

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)

NZ3465SE 1983 1:1,250	NZ3565SW 1986 1:1,250
NZ3464NE 1982 1:1,250	NZ3564NW 1982 1:1,250

### Historical Map - Segment A13

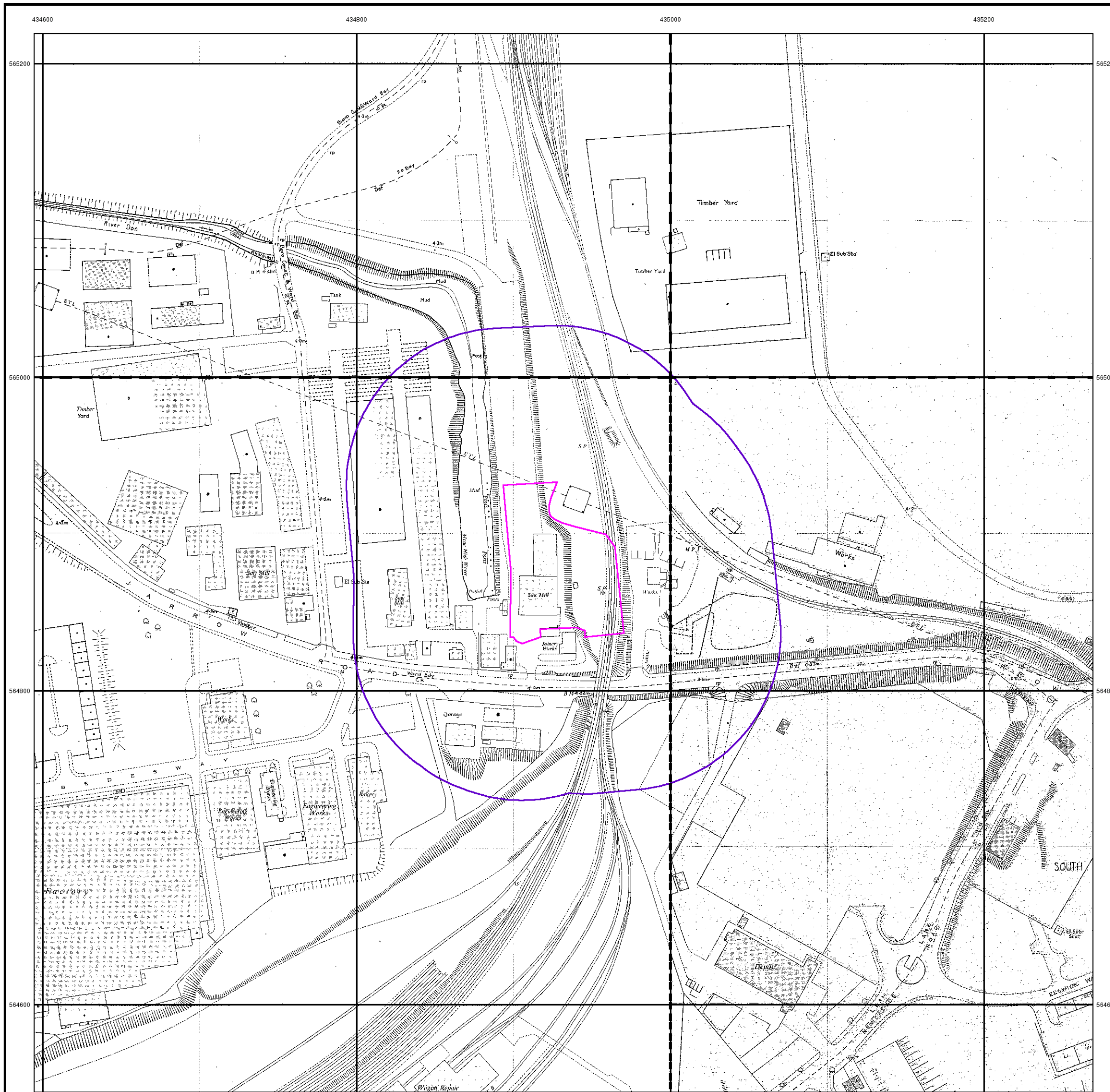


### Order Details

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 100

### Site Details

Jarrow Road, South Shields, NE34 9PS



### Additional SIMs

Published 1986 - 1992

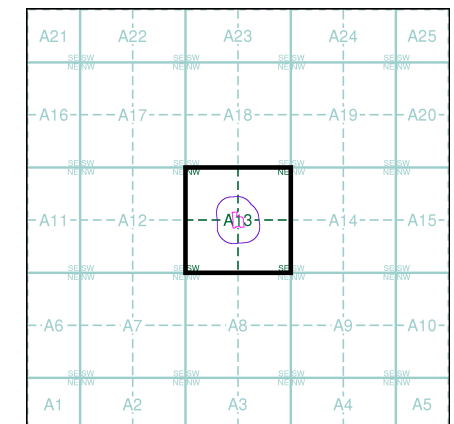
Source map scale - 1:1,250

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

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

NZ3465SE 1986 1:1,250	NZ3565SW 1992 1:1,250
<div style="background-color: #90EE90; width: 50px; height: 50px; margin: 0 auto;"></div>	
NZ3564NW 1986 1:1,250	

### Historical Map - Segment A13

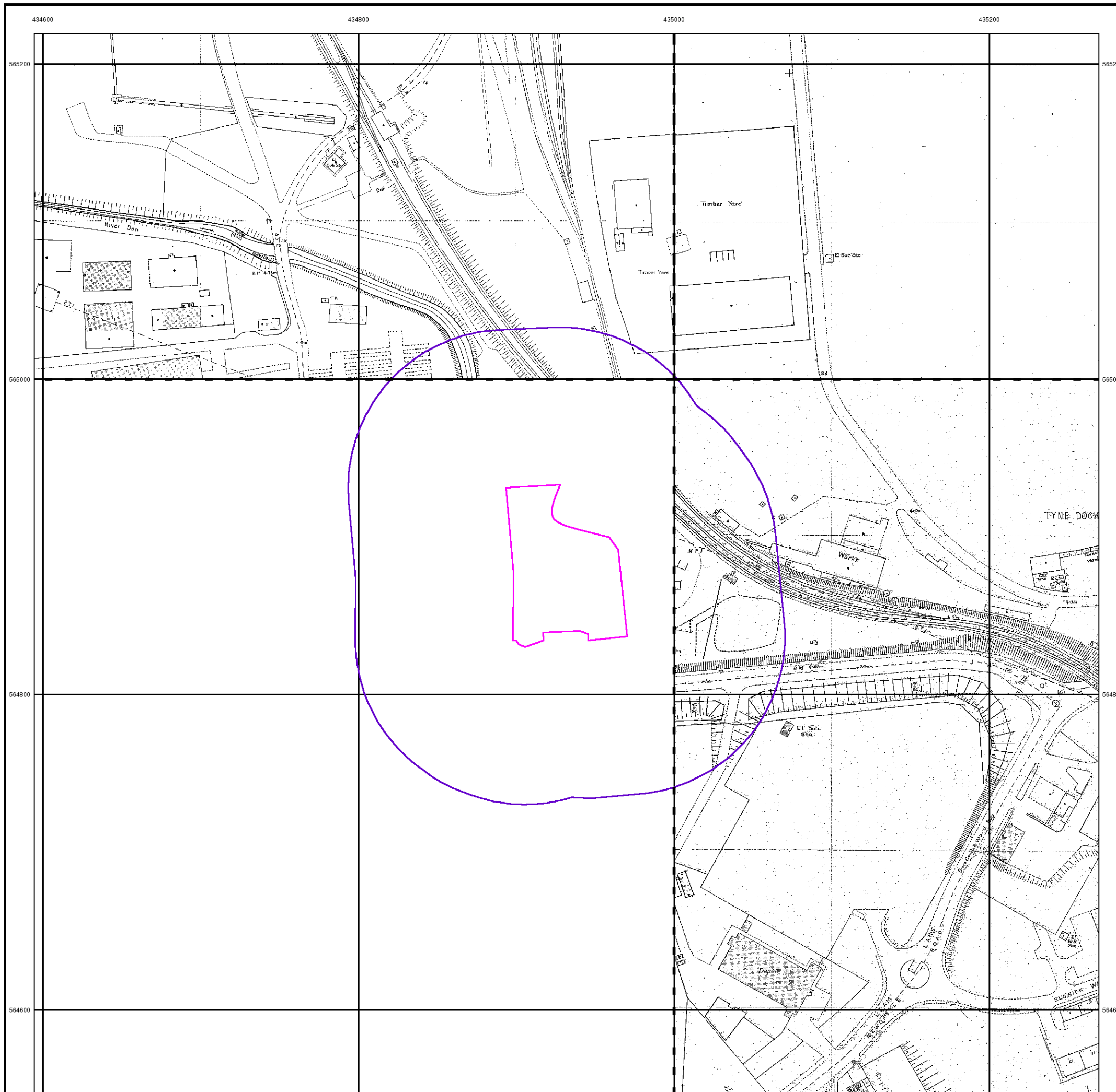


### Order Details

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 100

### Site Details

Jarrow Road, South Shields, NE34 9PS



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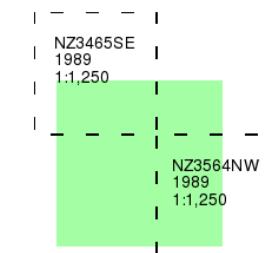
### Ordnance Survey Plan

Published 1989

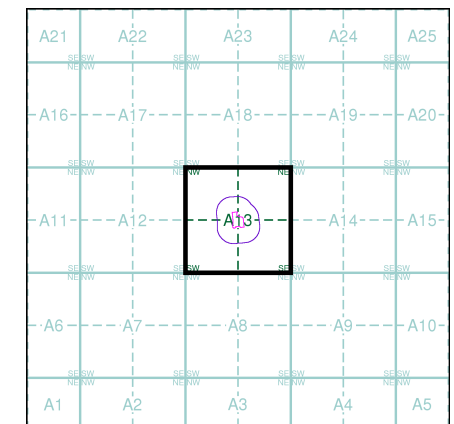
Source map scale - 1:1,250

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)



### Historical Map - Segment A13

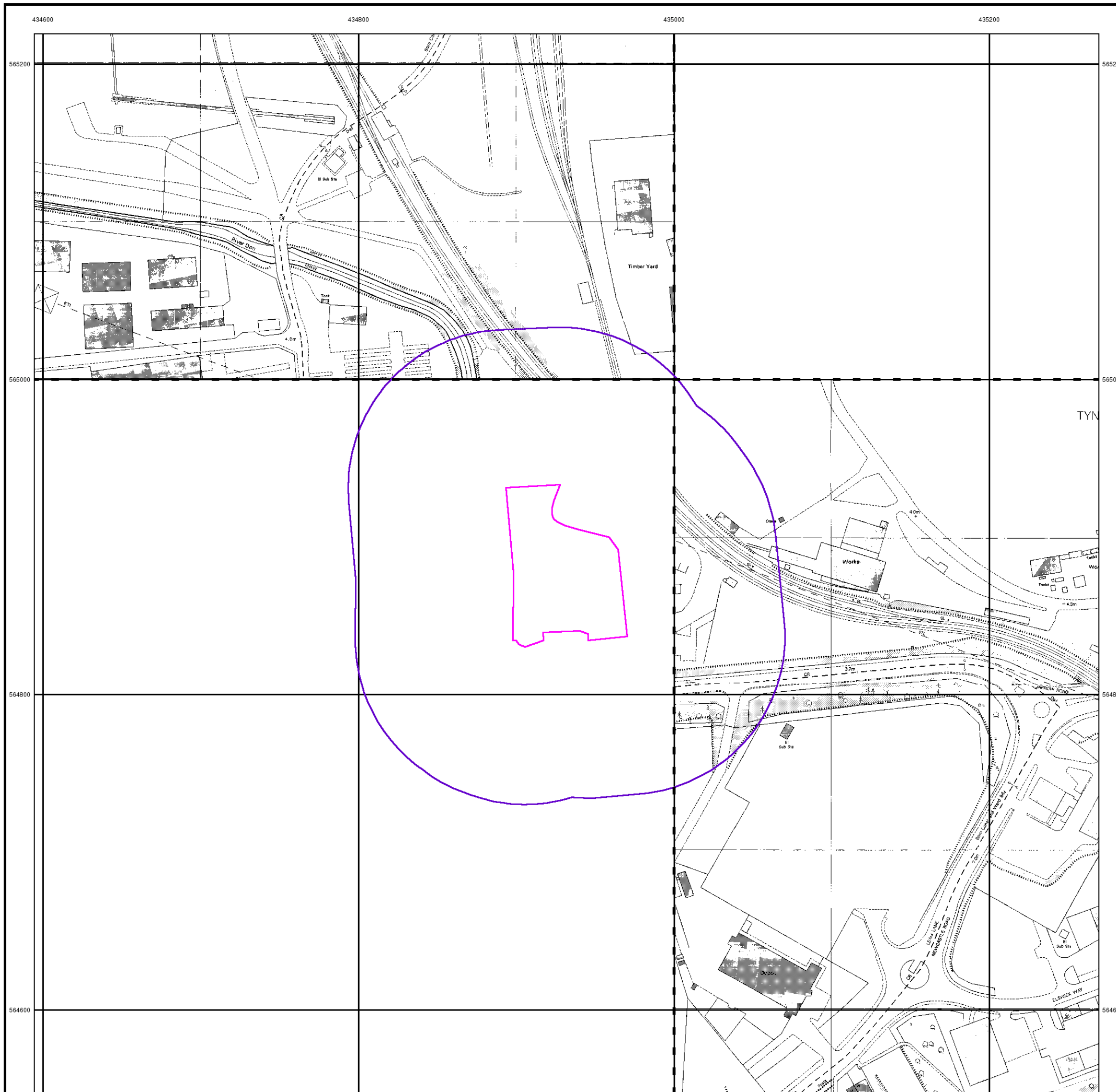


### Order Details

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 100

### Site Details

Jarrow Road, South Shields, NE34 9PS



## Large-Scale National Grid Data

Published 1993

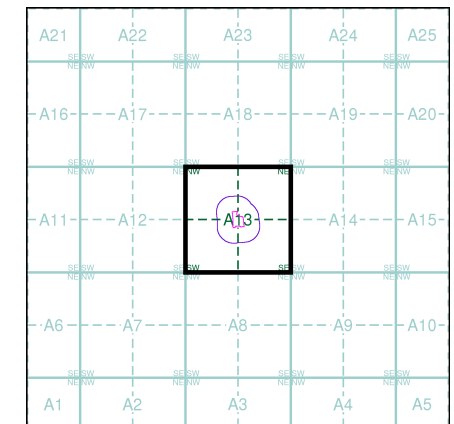
Source map scale - 1:1,250

'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)

NZ3465SE 1993 1:1,250	NZ3565SW 1993 1:1,250
NZ3464NE 1993 1:1,250	NZ3564NW 1993 1:1,250

### Historical Map - Segment A13

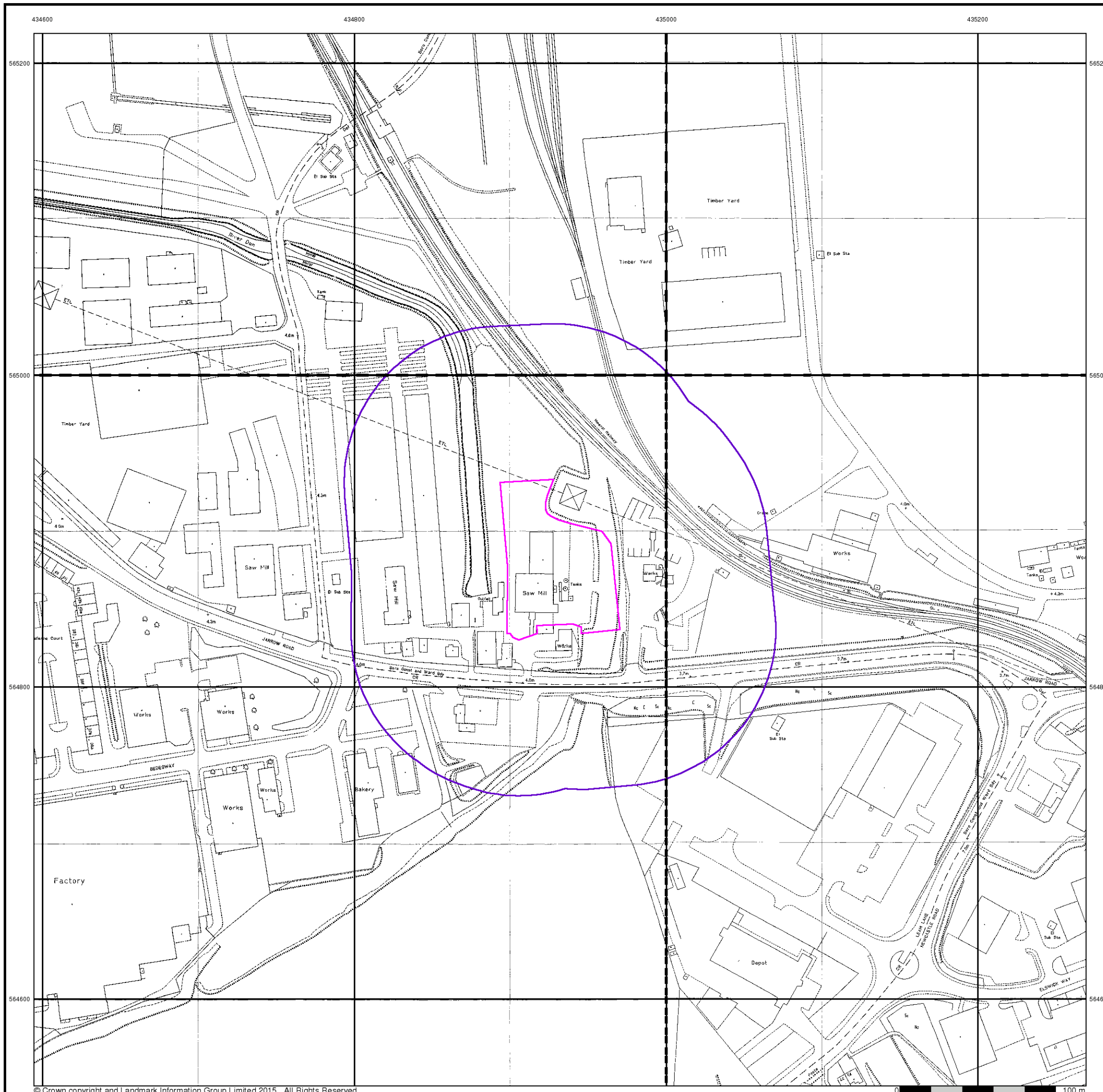


### Order Details

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 100

### Site Details

Jarrow Road, South Shields, NE34 9PS



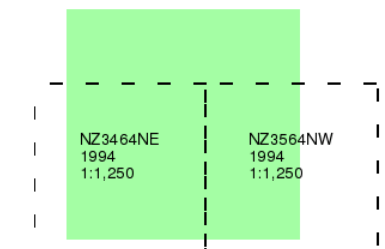
### Large-Scale National Grid Data

Published 1994

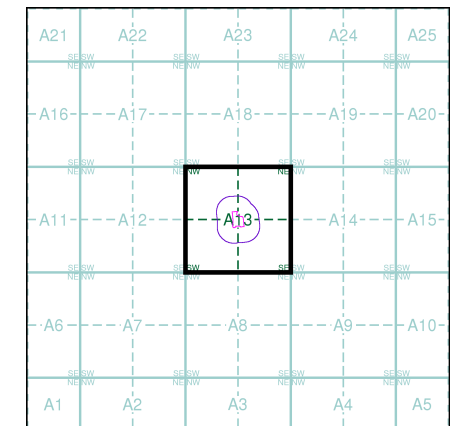
Source map scale - 1:1,250

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

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



### Historical Map - Segment A13

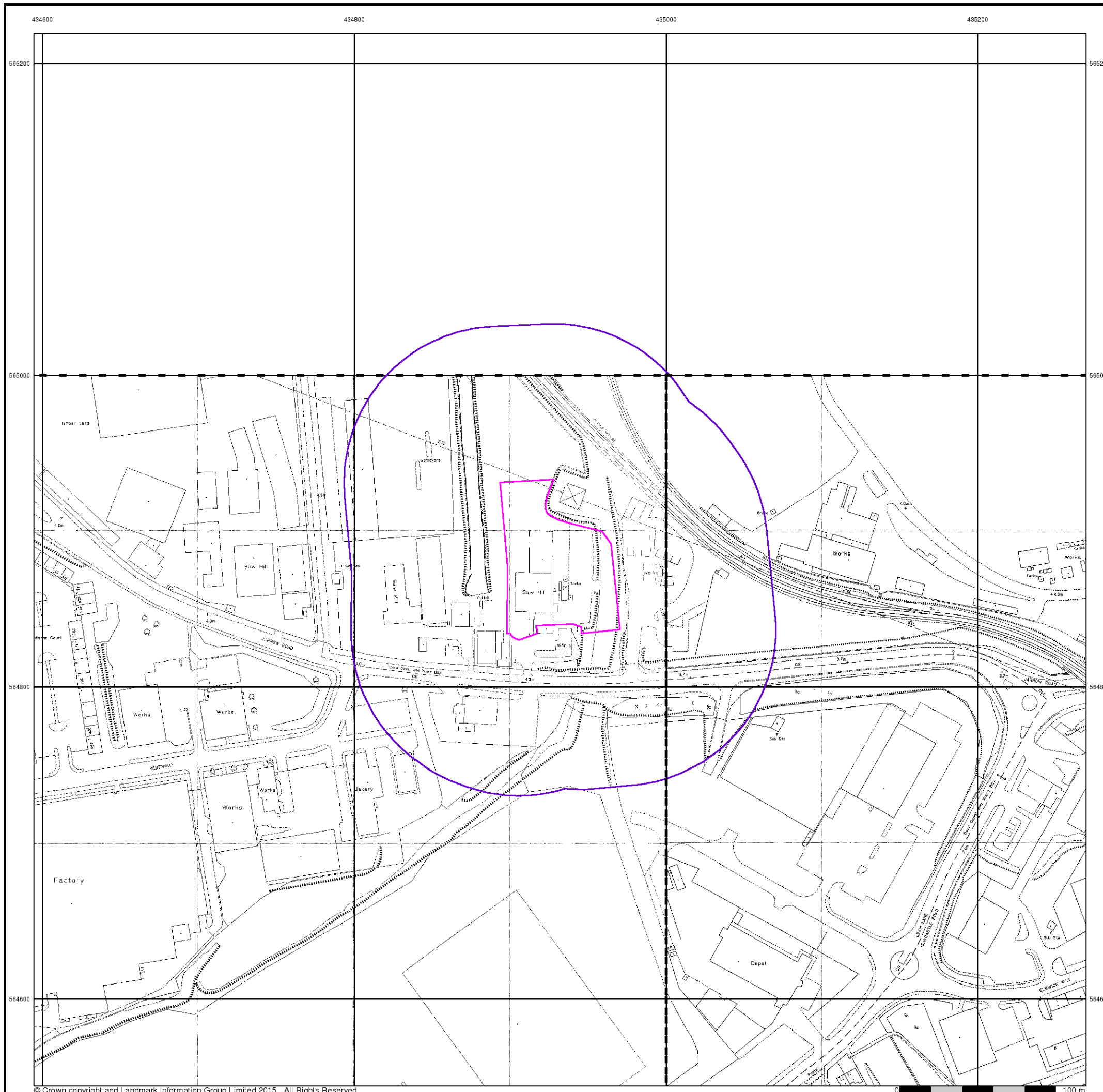


### Order Details

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 100

### Site Details

Jarrow Road, South Shields, NE34 9PS



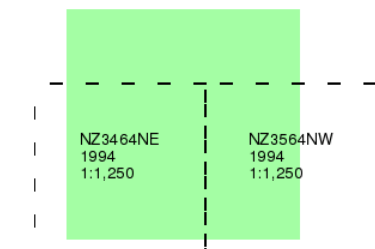
## Large-Scale National Grid Data

Published 1994

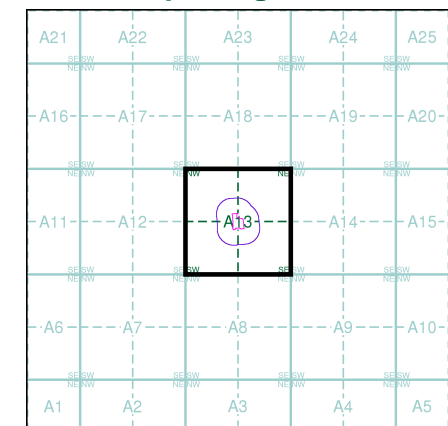
Source map scale - 1:1,250

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

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



### Historical Map - Segment A13

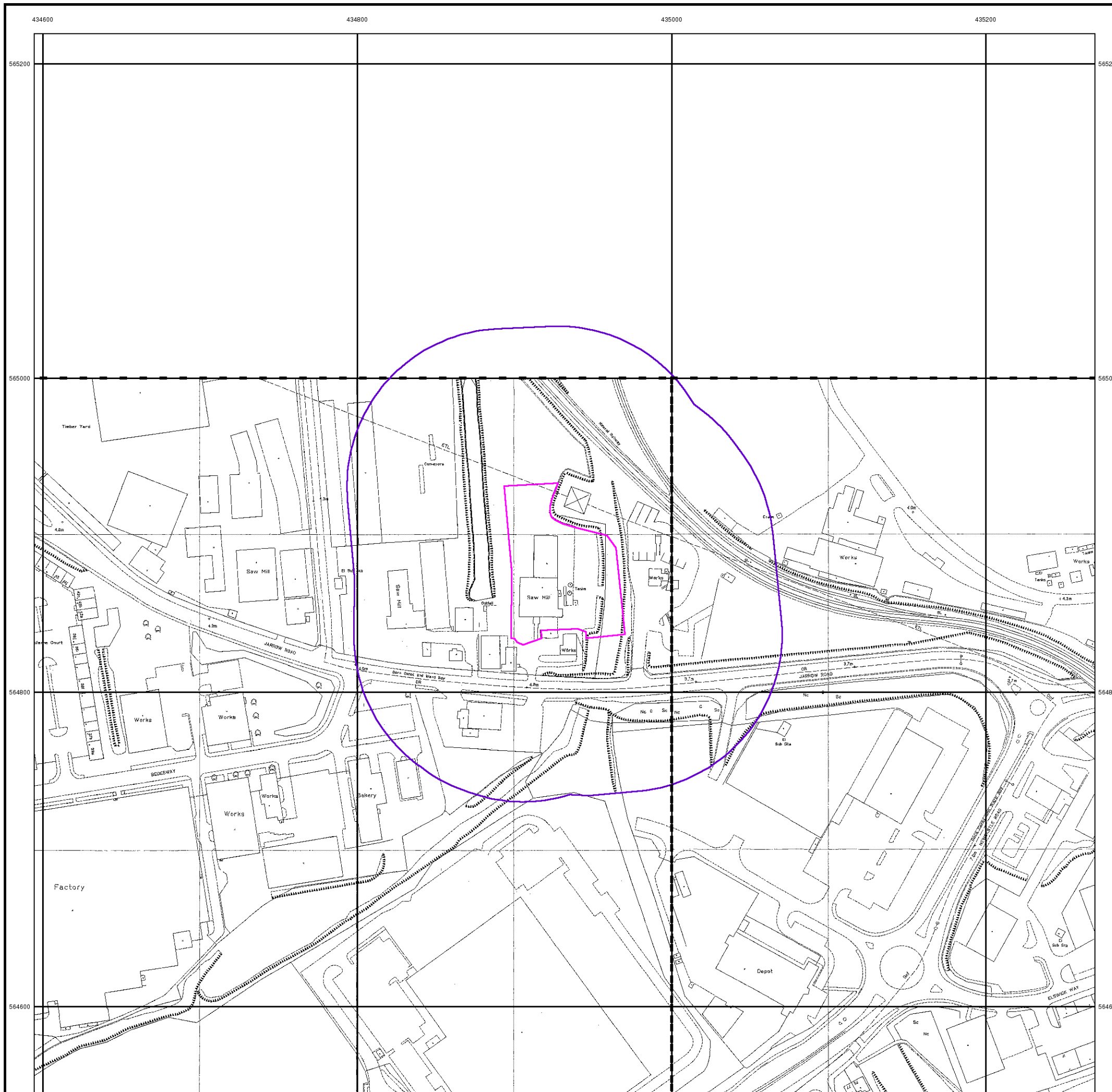


### Order Details

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 100

### Site Details

Jarrow Road, South Shields, NE34 9PS



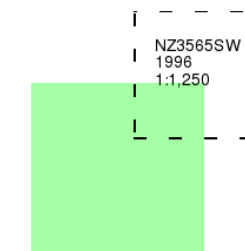
## Large-Scale National Grid Data

Published 1996

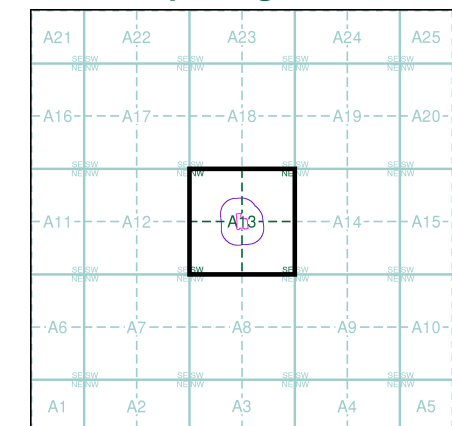
Source map scale - 1:1,250

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

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



### Historical Map - Segment A13

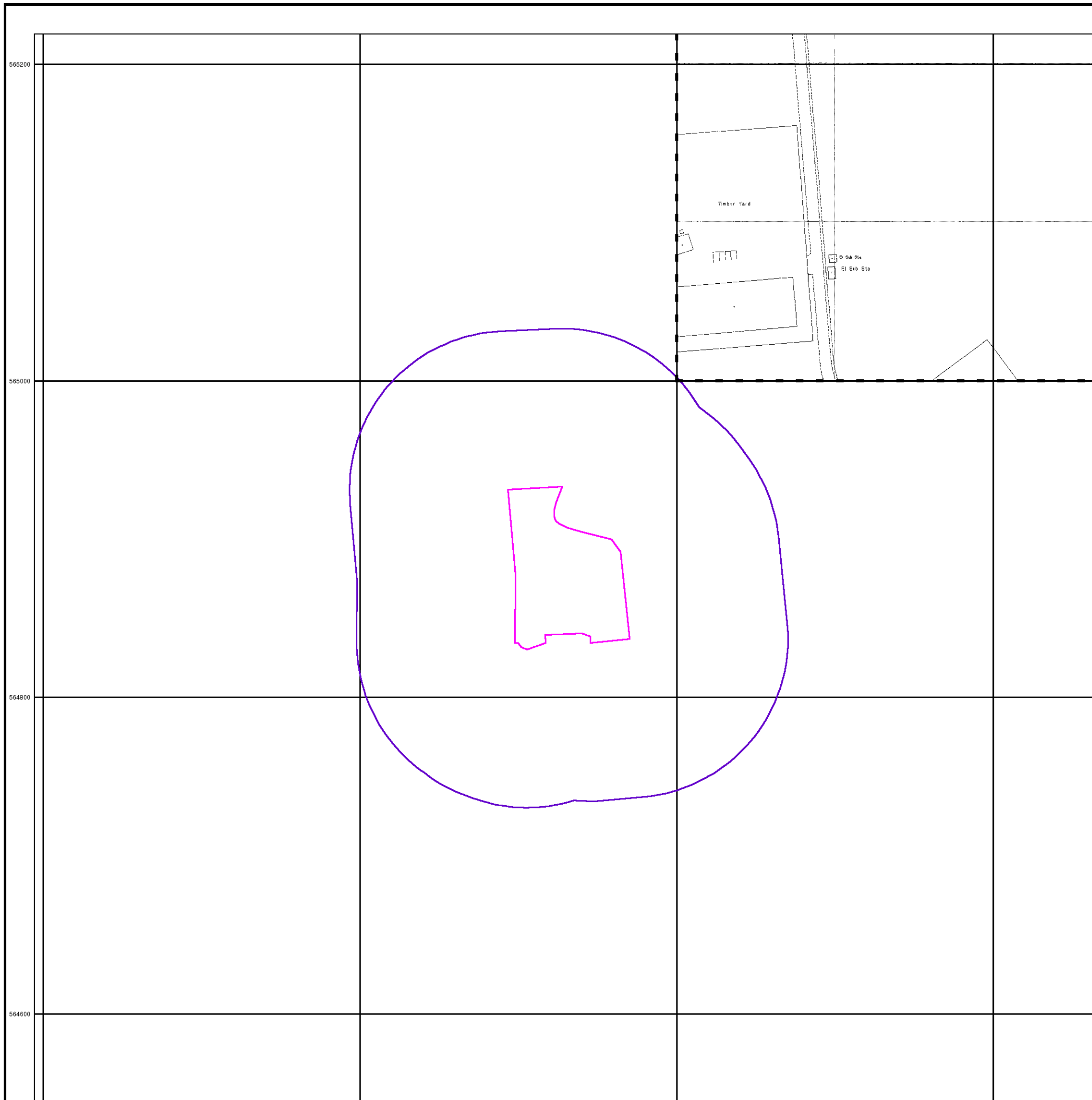


### Order Details

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 100

### Site Details

Jarrow Road, South Shields, NE34 9PS



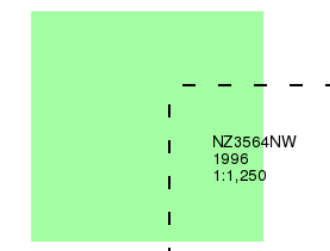
## Large-Scale National Grid Data

Published 1996

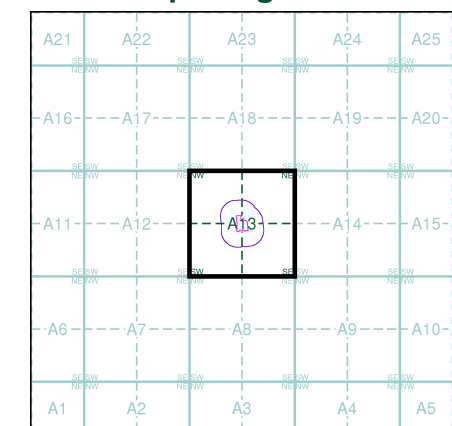
Source map scale - 1:1,250

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

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



### Historical Map - Segment A13

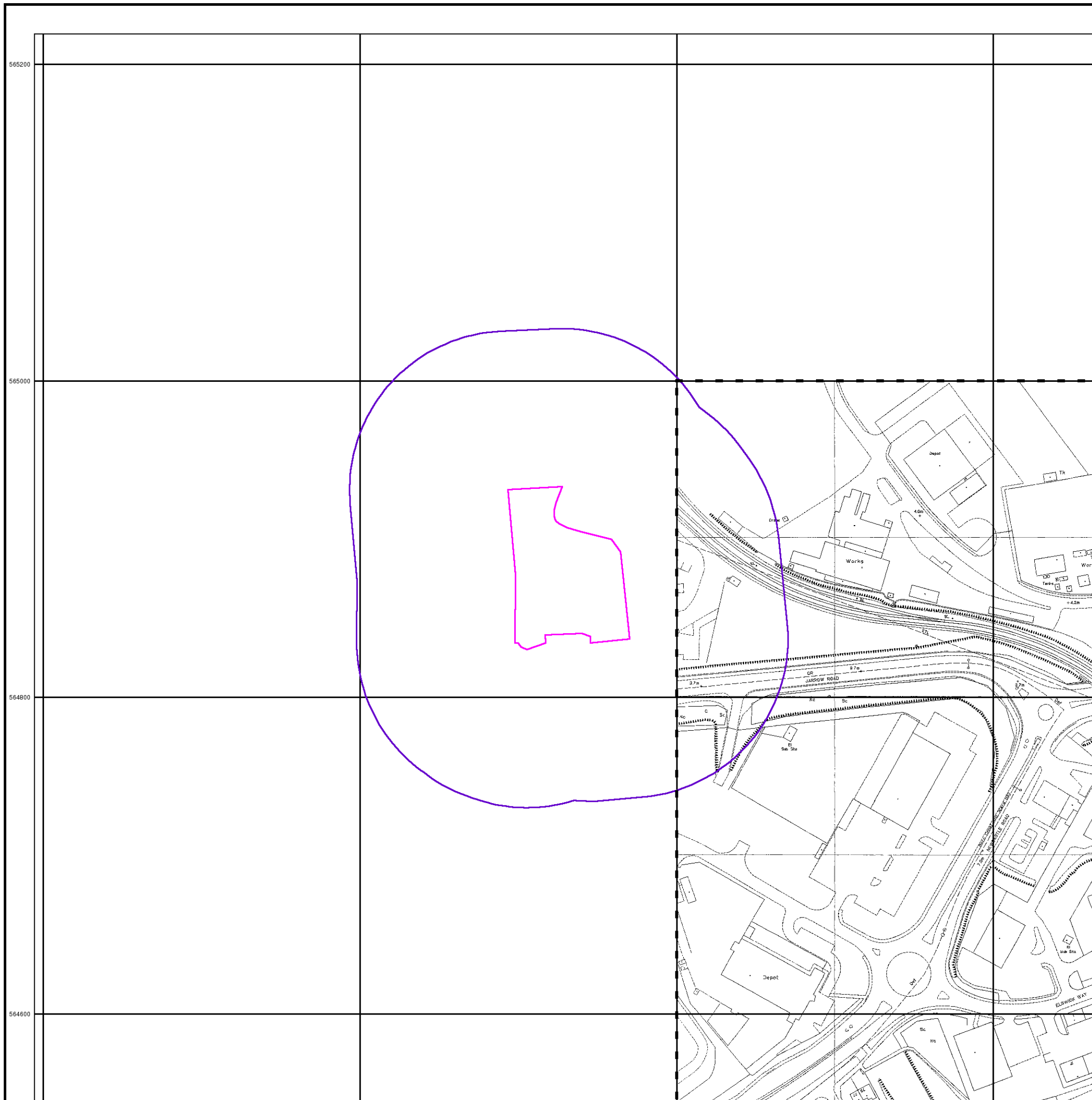


### Order Details

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 100

### Site Details

Jarrow Road, South Shields, NE34 9PS



## 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 compliment 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.

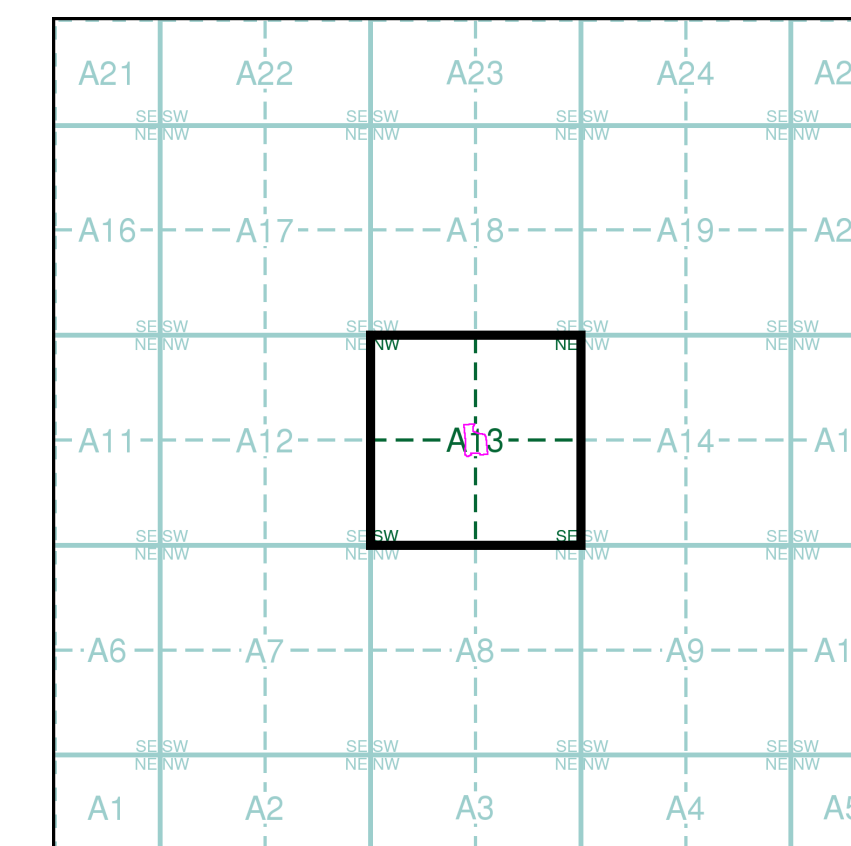
Please note: Due to the partial coverage of Historical Town Plans, it is possible that not all segments within an order will contain mapping. Only the segments that have Town Plan coverage will be generated.

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

1000_00_066	1000_00_067
1896	1896
1:500	1:500

1000_00_071	1000_00_072
1896	1896
1:500	1:500

### Historical Town Plan - Segment A13

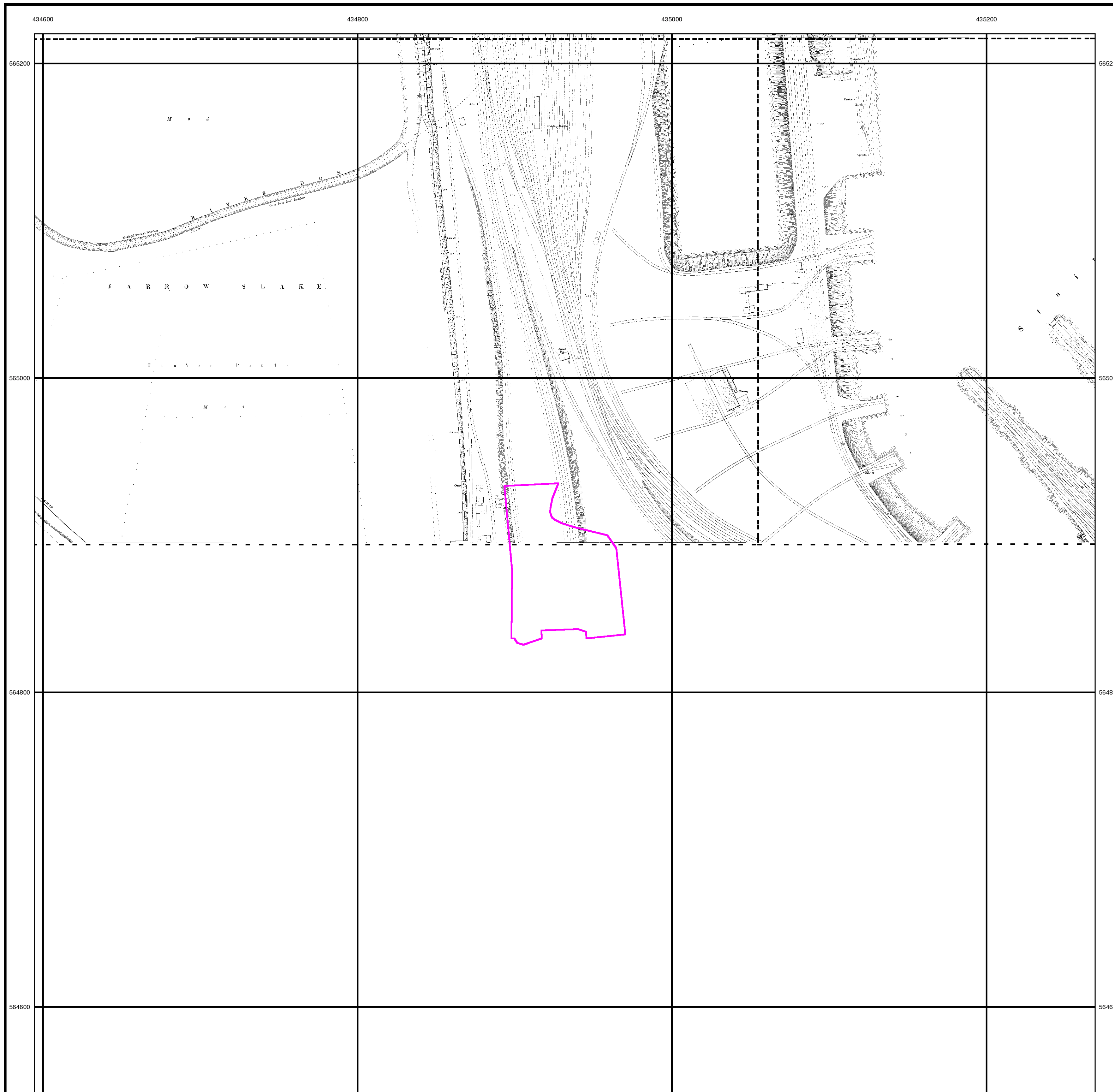


### Order Details

Order Number: 84652687\_1\_1  
 Customer Ref: 60494267  
 National Grid Reference: 434930, 564880  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 0

### Site Details

Jarrow Road, South Shields, NE34 9PS



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CHAS. E. GOAD, LTD  
CIVIL ENGINEERS

# EXPLANATION OF SIGNS USED ON INSURANCE PLANS OF TOWNS & CITIES

56 CROUCH HILL  
LONDON N. 4.

## ABBREVIATIONS

ASB.	ASBESTOS
CORR.	CORRUGATED IRON
D.I.D.	DOUBLE IRON DOORS
DRA.	DRAPERY
D.	DWELLING
ELECT.	ELECTRICIAN
(E.M.)	ELECTRIC MOTORS
(ENG.)	STEAM ENGINE
FURNE.	FURNITURE
GAR.	GARAGE
(G.E.)	GAS ENGINE
H.W.	HARDWARE
I.COLS.	IRON COLUMNS OR STEEL STANCHIONS
JWLY.	JEWELLERY
M.CL.	METAL CLAD
M.W.	MANCHESTER WAREHOUSE
m.l.	MATCH (OR WOOD) LINED
OIL	OIL & COLOR
(O.E.)	OIL ENGINE
P.H.	PUBLIC HOUSE
S.	SHOP
S.I.D.	SINGLE IRON DOORS
S.I.S.	SINGLE IRON SHUTTERS
TAI.	TAILORS
TENS.	TENEMENTS
W.G.	WIRED GLASS
W.N.	WIRE NETTING OVER GLASS.

## COLORS

	BRICK, STONE OR CONCRETE
	WOOD
	AREAS CLEARED DUE TO ENEMY ACTION
	SKYLIGHTS ON 1 & 2 STORY BUILDINGS
	SKYLIGHTS ON HIGHER BUILDINGS
	METAL BUILDINGS.
	TIMBER PILED OR STACKED

## WALLS

	PARTY WALL 2 STORIES OR OVER, A PROBABLE FIRE CUT OFF
	ENTIRE WALL, BUT DOUBTFUL AS FIRE CUT OFF
	DEFECTIVE WALL - IMPERFECT
	WALL ABOVE, IRON COLS: UNDER
	WALL SOME FLOORS ONLY (OR WOOD OR PLASTER PARTITION)
	ABOVE ROOF 6" TO 1'-6"
	— D.R. — 1'-6" TO 2'-6"
	MATCH OR WOOD LINED
	WOOD CLAD WITH CORRUGATED IRON

## OPENINGS

	PASSAGE UNDER	UNPROTECTED
	ON ALL FLOORS	
	SOME FLOORS ONLY	SINGLE IRON DOORS
	ALL FLOORS (PROTECTED)	
	ALL FLOORS (SOME PROTECTED)	DOUBLE IRON DOORS
	SOME FLOORS ONLY (PROTECTED)	
	ALL FLOORS (SOME PROTECTED)	DOUBLE IRON DOORS
	ALL FLOORS (PROTECTED)	
	SOME FLOORS ONLY (PROTECTED)	DOUBLE IRON DOORS
	WOOD LOADING DOOR	
	IRON LOADING DOOR	

## WINDOWS

	ON ALL OR MOST FLOORS	UNPROTECTED
	MORE THAN USUAL	
	OVERLOOKING	UNPROTECTED
	NEARLY ALL GLASS	
	OPENINGS THRO' & WINDOWS OVER	UNPROTECTED
	ON SOME FLOORS ONLY	
	PROTECTED BY WIRED GLASS	UNPROTECTED
	PROTECTED BY SINGLE IRON SHUTTERS	
	PROTECTED BY DOUBLE IRON SHUTTERS.	
	WINDOWS IN FRONT & REAR OF BUILDINGS UNDERSTOOD	UNPROTECTED
	UNLESS OTHERWISE SHOWN	

## FLOORS

1.2.3.3½ &c ON BUILDINGS ARE NUMBER OF STORIES ABOVE GROUND  
(3½=3 FLOORS & ATTIC)  
2&2B MEANS 2 STORIES & 2 BASEMENTS EAST & SUB-BASEMENT.

## SKYLIGHTS

	LESS THAN 50 SQUARE FEET (SAY 10'x5', OR 7'x7')
	OPENINGS THROUGH 2 FLOORS UNDER (EACH STROKE DENOTES AN OPENING.)
	WITH WELL HOLE THROUGH 3 FLOORS.
	LANT. LANTERN LIGHT, SIDES ONLY GLASS.
	OR VENT. OR RAISED VENTILATOR

OVER 50 SQ. FT. TO SCALE

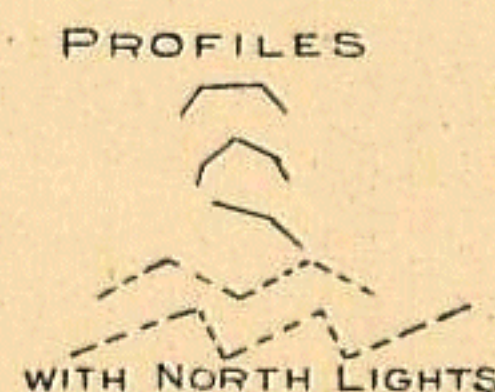
## HOISTS & LIFTS

	OPEN		OPEN TO STREET
	OPEN (WOOD FLOORS TO FLOORS.)		ENCLOSED BRICK OR FIRE RESISTING WIRED GLASS DOORS
	ENCLOSED WOOD OR PLASTER		

IRON DOORS SHOWN AS EXPLAINED UNDER "OPENINGS"

## ROOFS

ASB	ASBESTOS
C	CONCRETE
CORR.	CORRUGATED IRON
T	METAL
P	PATENT (FELT &c)
O	SLATE
T	TILE



## SUNDRIES

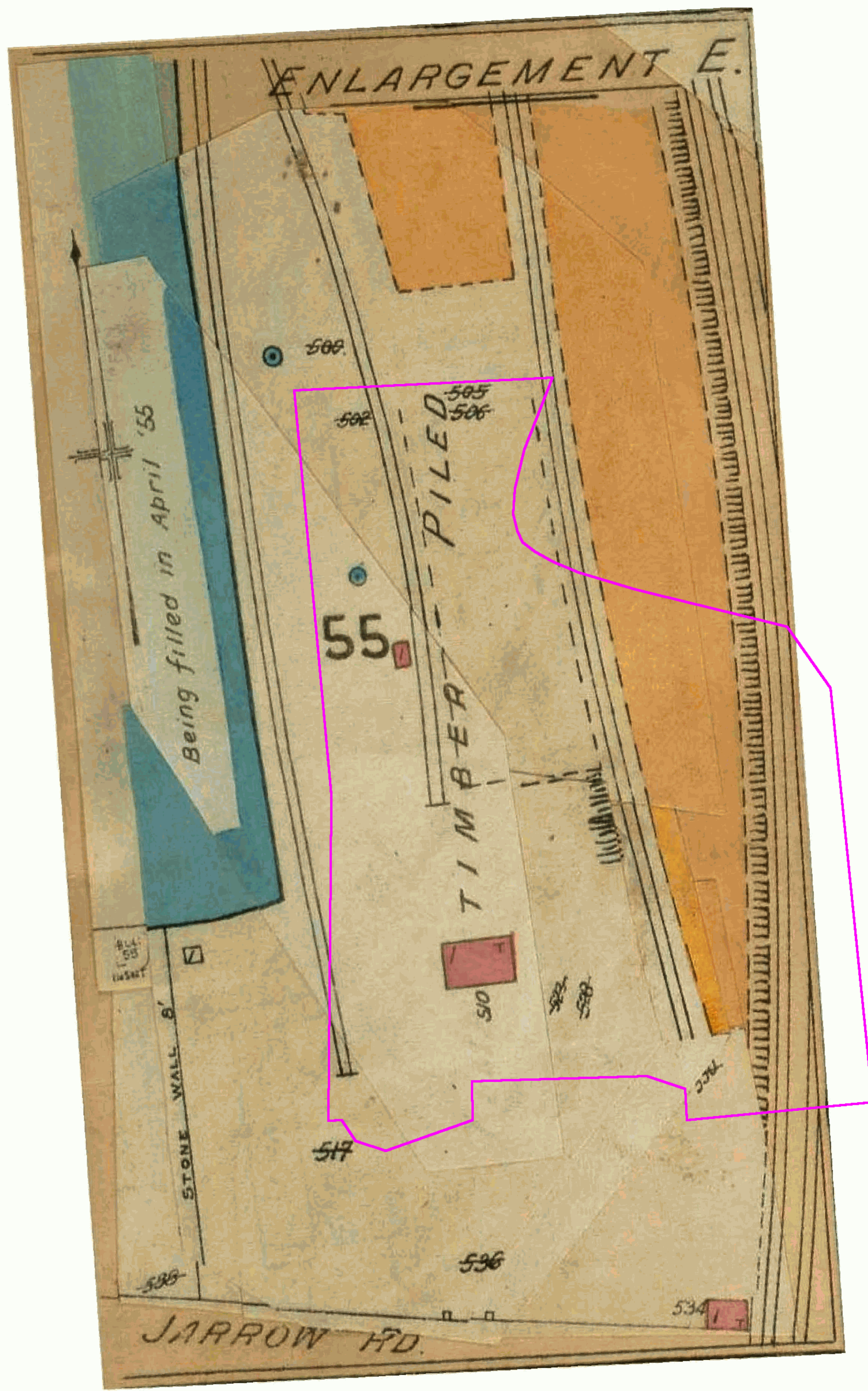
	STEAM BOILERS
	BOILER SET IN BRICK
	FACTORY CHIMNEYS
	STEAM ENGINE
	OVERHANGING WOOD CORNICE
	FIRE ALARM BOX
	D <sup>o</sup> ON KEY PLAN
	HYDRANT
	HYDRAULIC HYDRANT
	PRIVATE HYDRANT OR STAND PIPE
	DOUBLE HYDRANT
	SALT WATER HYDRANT
	SPRINKLER OR AUTO ALARM BELL

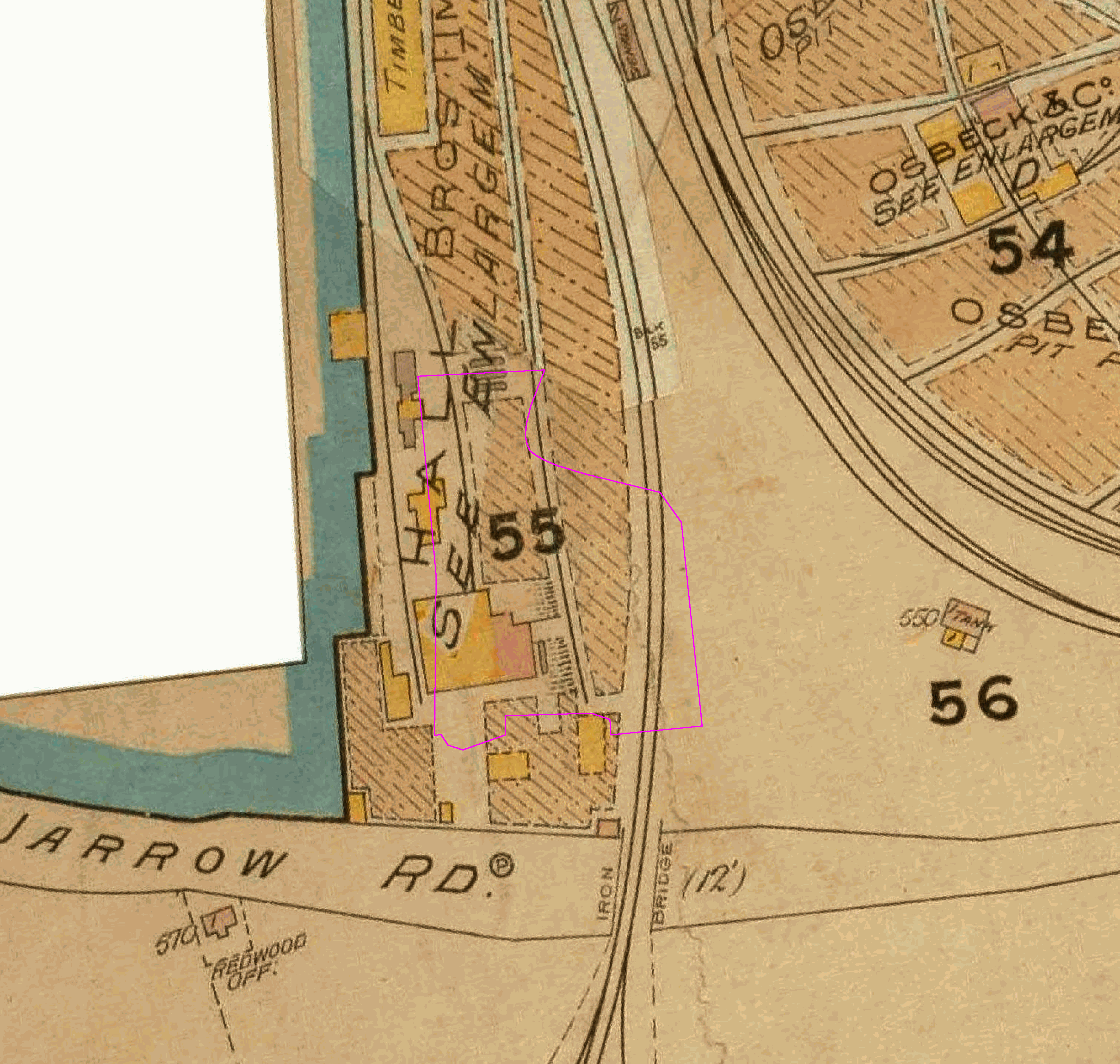
## REFERENCE NUMBERS

	NUMBERS PARALLEL WITH STREET ARE EXISTING STREET NOS
	WHERE TWO SETS OF STREET NOS IN SAME BLOCK COINCIDE, ADDITIONAL ARBITRARY NOS ARE GIVEN TO ONE SET (500 & UPWARDS)
	WHERE BUILDINGS TO WHICH THEY APPLIED ARE DEMOLISHED, STREET & ARBITRARY NOS ARE SHOWN & CROSSED THROUGH ON REVISION
	ARE STREET WIDTHS.
	ARE HEIGHTS OF GROUND ABOVE ORDNANCE DATUM
	HEIGHT IN FEET OF ADJOINING BUILDINGS WHERE STORIES DIFFER IN HEIGHT
	SIZES OF WATER MAINS SUPPLYING HYDRANTS









TIMBER

BROS. TIN  
M. T. GEM.

OSBECK  
PIT

55

S

54

OSBECK  
PIT

56

550 TANK

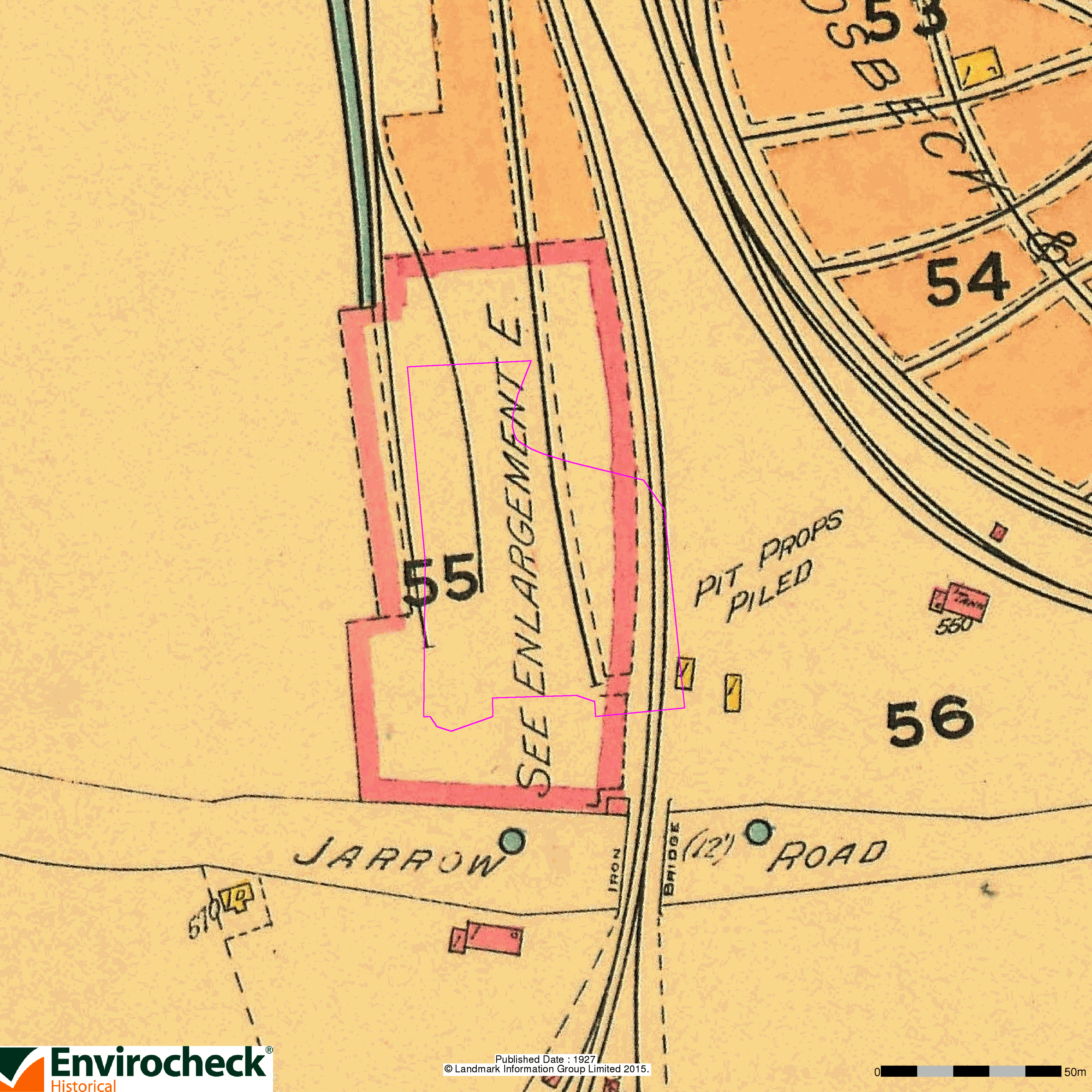
JARROW

RD.®

IRON

BRIDGE (12')

570  
REDWOOD  
OFF.



55

SEE ENLARGEMENT E.

54

PIT PROPS  
PILED

560

56

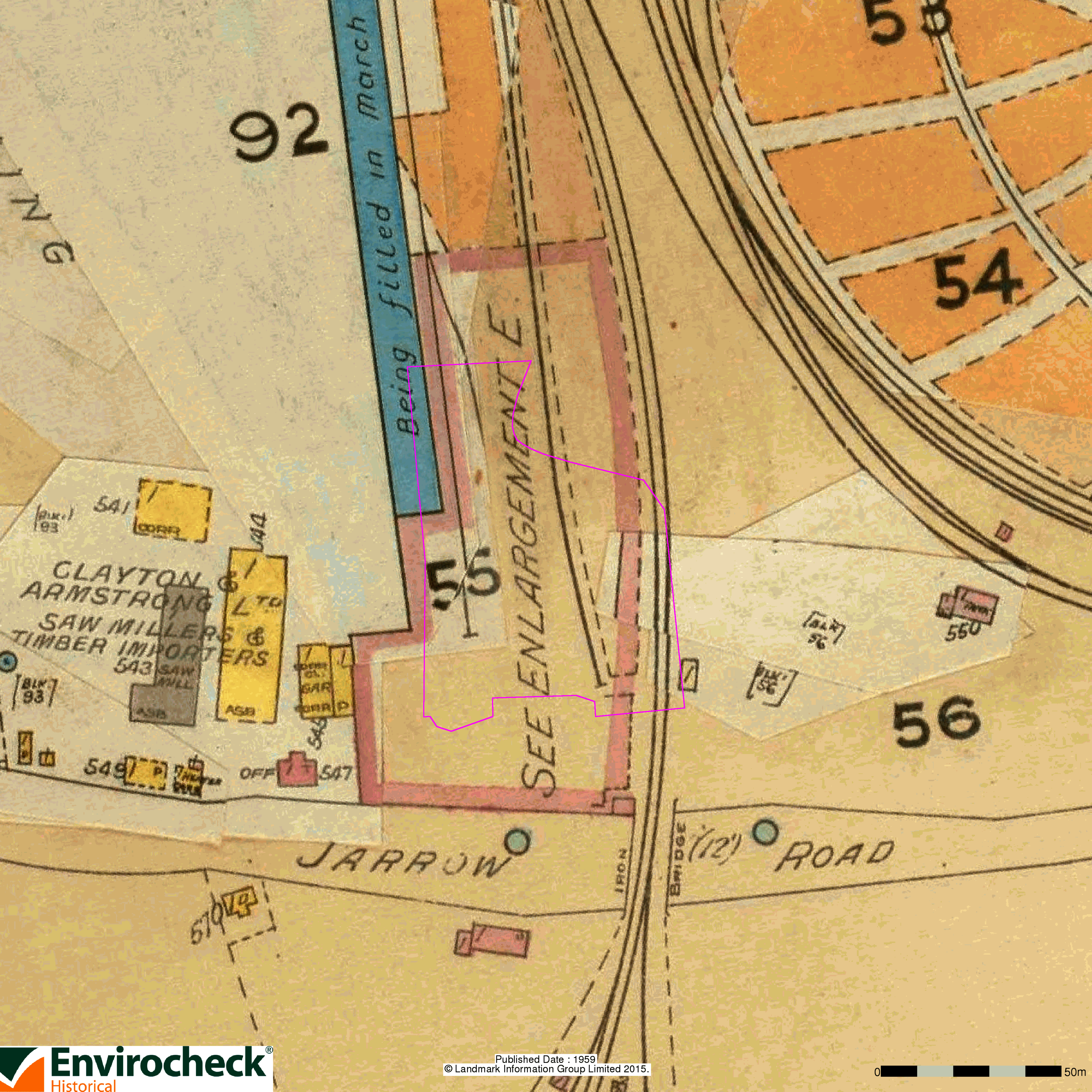
JARRON ROAD

IRON BRIDGE

(12') ROAD

579

6



92

Being filled in March

54

55

SEE ENLARGEMENT E

56

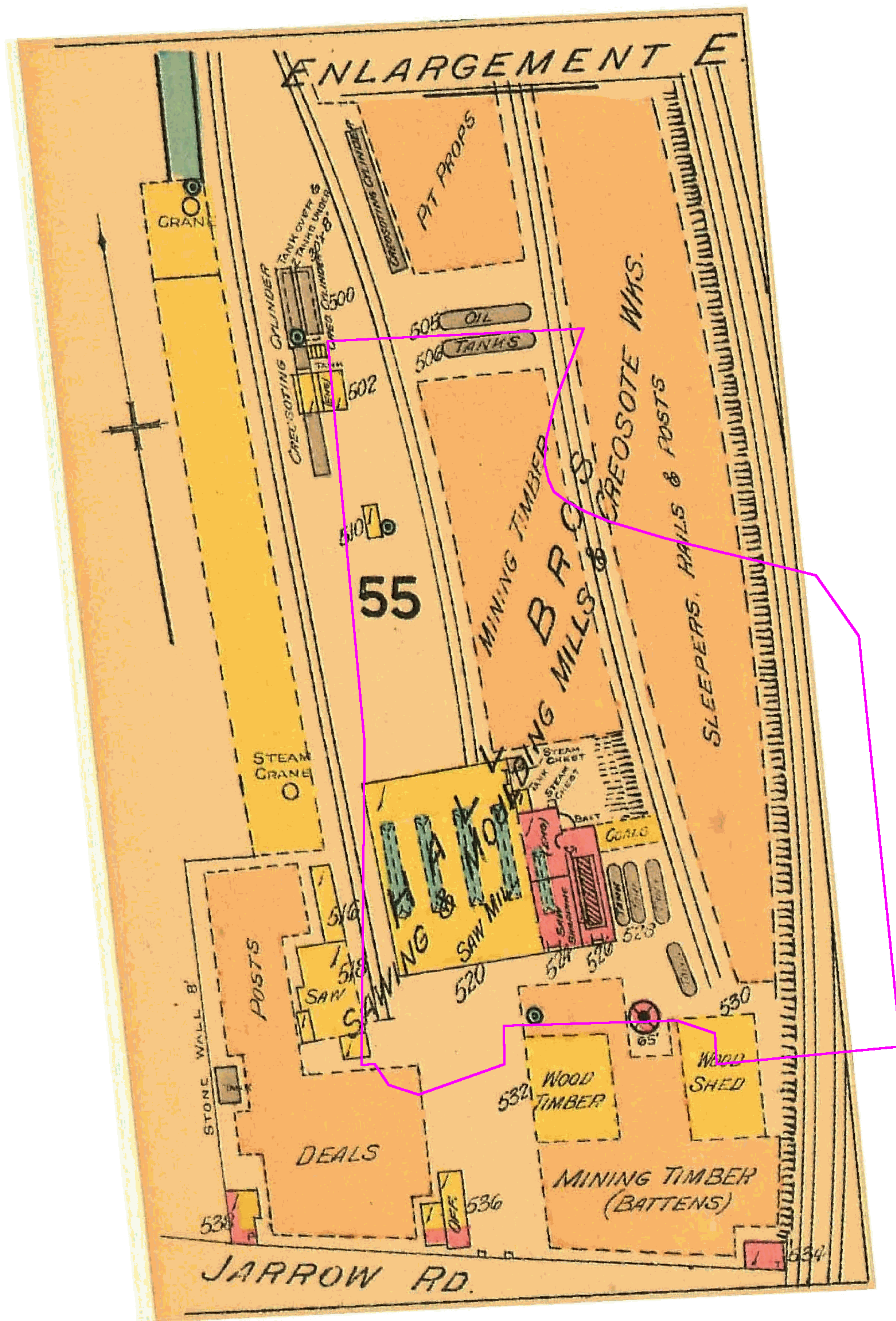
CLAYTON ARMSTRONG & CO LTD  
SAW MILLERS & TIMBER IMPORTERS

548  
CORP  
CORP  
CORP

OFF 547

JARRON ROAD

IRON BRIDGE ROAD



## **Appendix C: BGS Exploratory Hole Records**

Contains British Geological Survey materials © NERC 2016

<b>BB DRILLING LTD.</b>			BORING METHOD(S) Cable Percussion				BORE HOLE NO. 1	
			MACHINE(S) Pilcon 1500 (SA/3)				SHEET NO. 1 of 2	
CONTRACT A194 South Shields						CASING 200mm		
DAILY PROGRESS			SAMPLES AND INSITU TESTS		GROUND LEVEL 8.406m A.O.D.			DESCRIPTION OF STRATA
Date	Casing Depth	Ground Water	Levels	Type	Legend	Depth	OD Level	
16/11/83			0.3	J				MADE GROUND Loose mixture of ash, topsoil shale timber and brick fragments in a brown silty sandy clay matrix.
			0.55-1.0	N(7)				
			1.3	J				
			1.55-2.0	N(6)				
			2.0-2.45	U		2.0	6.406	Stiff brown silty sandy CLAY with grey silt veins and scattered gravel.
			2.75	J				
			3.0-3.45	U		3.0	5.406	Very stiff dark brown sandy silty CLAY with scattered fine to coarse gravel and occasional boulders.
			3.75	J				
			4.0-4.45	U				
			4.75	J				
			5.0-5.45	U				
5.45	5.0	NIL						
7/11/82	5.0	NIL						
			6.2	J				
			6.55-7.0	B				
			7.2-7.65	U				
			8.0	J				
REMARKS Chiselling techniques employed between 4.75 - 5.0m BGL " " " " 6.55 - 7.0m BGL " " " " 14.0 - 14.2m BGL								
Co-ords 434988.751 E 564787.948 N								
Key: U = Undisturbed Sample. B = Bulk (disturbed) sample. W = Ground Water Sample. J = Small (disturbed) Sample. ∇ = Water first met. N = S/CPT 'N' values.							REPORT NO. 782122/D	







<b>BB DRILLING LTD.</b>			BORING METHOD(S) Cable Percussion				BORE HOLE NO. 1	
			MACHINE(S) Pilcon 1500 (SA/3)				SHEET NO. 2 of 2	
CONTRACT A194 South Shields						CASING 200mm		
DAILY PROGRESS			SAMPLES AND INSITU TESTS		GROUND LEVEL 8.406m A.O.D.			DESCRIPTION OF STRATA
Date	Casing Depth	Ground Water	Levels	Type	Legend	Depth	OD Level	
			8.55-9.0	U				Very stiff dark grey brown silty sandy CLAY with scattered fine to coarse gravel.
			9.3	J				
			10.0-10.45	U		10.0	-1.594	Firm grey brown laminated silty CLAY with grey silt coating to laminations.
						10.5	-2.094	
			11.0	J				Very stiff dark grey brown sandy CLAY with scattered fine to coarse gravel.
			11.55-12.0	B				
			12.5	J				
			13.0-13.45	U				
13.5		∇	13.5	W		13.5	-5.094	Reddish brown highly to moderately weathered silty MUDSTONE weak.
			13.55-14.0	U				
14.2	13.5	12.9	14.2	JN(100)*		14.2	-5.794	
		4.30 +						End of Borehole
REMARKS * CPT blow count for initial 75mm penetration. Water strike at 13.5m BGL and after 20 minutes level risen to 12.9m BGL. Standpipe piezometer installed at 5.50m BGL. + Water level 24 hours after casing removed.								
Key: U = Undisturbed Sample. B = Bulk (disturbed) sample. W = Ground Water Sample. J = Small (disturbed) Sample. ∇ = Water first met. N = S/CPT 'N' values.							REPORT NO. 782122/D	

# DUNELM DRILLING CO.

## BOREHOLE RECORD

Contract No. 4469.13 Client BALFAR BEATTY CONSTRUCTION LTD  
 Ground Level..... Location THE DOCK - SOUTH SHIELDS  
 Date OCT 90 BOREHOLE No. TP 10

Depth	Thickness	Legend	Description of Strata	Type of Sample	C kN/m <sup>2</sup>	M %	σ	Density Kg/m <sup>3</sup>	N
			<u>TP 10</u>						
<u>0.80</u>			<u>ASH FILL</u>						
			<u>GREY SILTY SANDY CLAY BECOMING MOIST AND VERY SILTY WITH DEPTH</u>	<u>✓</u> <u>1.00</u>	<u>720</u>				
<u>2.70</u>									
<u>3.50</u>									

Water Struck at NONE Standing Water Level.....





**Appendix D: CON29M Non-Residential Mining Report**



The Coal  
Authority

Resolving the **impacts** of mining

# CON29M Non-Residential Mining Report

JARROW ROAD  
SOUTH SHIELDS  
TYNE & WEAR

Date of enquiry: 15 April 2016  
Date enquiry received: 15 April 2016  
Issue date: 15 April 2016

Our reference: 51001142371001  
Your reference: 84652687\_2 |



# CON29M Non-Residential Mining Report

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

## Client name

LANDMARK INFORMATION GROUP LIMITED

## Enquiry address

JARROW ROAD, SOUTH SHIELDS, TYNE & WEAR

## How to contact us

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

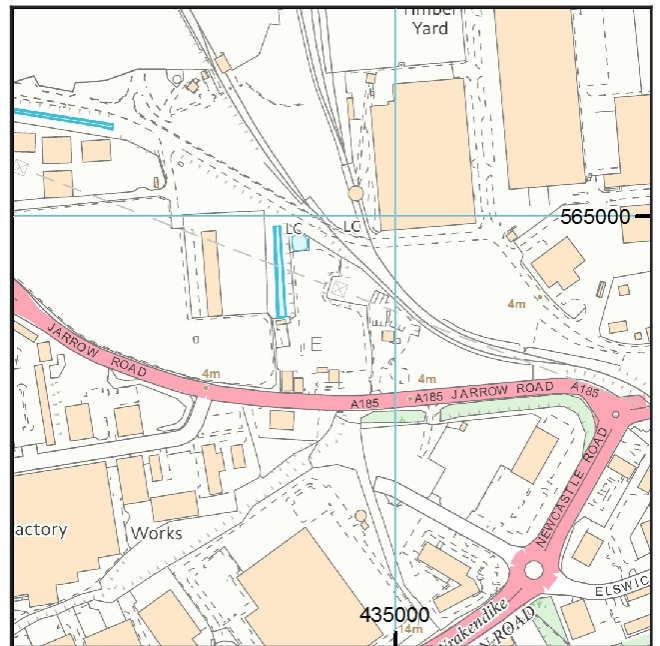
200 Lichfield Lane  
Mansfield  
Nottinghamshire  
NG18 4RG

[www.gov.uk/coalauthority](http://www.gov.uk/coalauthority)

[in /company/the-coal-authority](https://www.linkedin.com/company/the-coal-authority)

[f /thecoalauthority](https://www.facebook.com/thecoalauthority)

[t /coalauthority](https://twitter.com/coalauthority)



Approximate position of property



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# Summary

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

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



# Detailed findings

## 1. Past underground coal mining

The property is in a surface area that could be affected by underground mining in 2 seams of coal at 420m to 460m depth, and last worked in 1927.

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

## 2. Present underground coal mining

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

## 3. Future underground coal mining

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

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

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

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

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

## 4. Mine entries

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

## 5. Coal mining geology

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

## **6. Past opencast coal mining**

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

## **7. Present opencast coal mining**

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

## **8. Future opencast coal mining**

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

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

## **9. Coal mining subsidence**

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

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

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

## **10. Mine gas**

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

## **11. Hazards related to coal mining**

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

## **12. Withdrawal of support**

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

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

## **13. Working facilities order**

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

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

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

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

The property lies outside the Cheshire Brine Compensation District.

## Additional remarks

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

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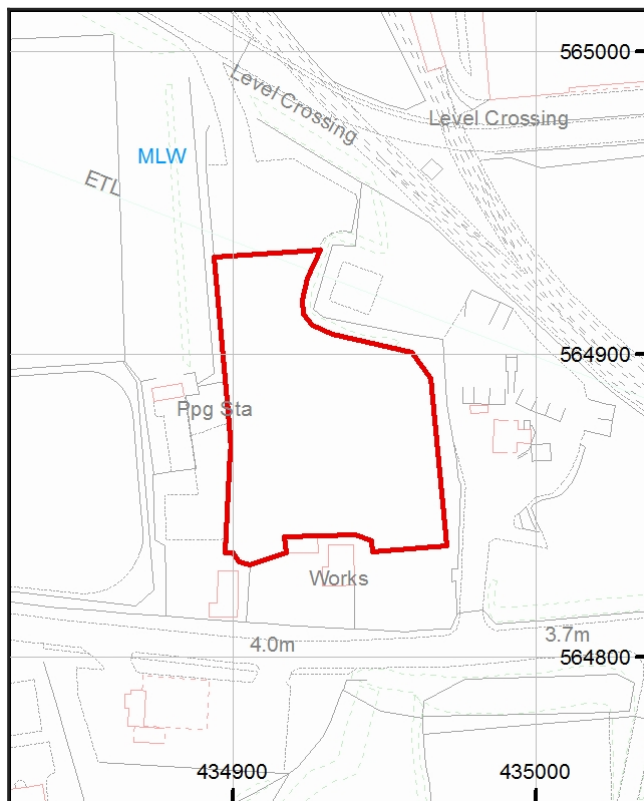
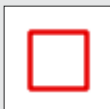
## Alternative formats

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

# Enquiry boundary

## Key

Approximate position of enquiry boundary shown




## How to contact us

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

200 Lichfield Lane  
Mansfield  
Nottinghamshire  
NG18 4RG

[www.gov.uk/coalauthority](http://www.gov.uk/coalauthority)

 /company/the-coal-authority

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## **Appendix E: Background to Legislation on Contaminated Land**

## Appendix E: Background to Legislation on Contaminated Land

### Legislative Framework

The contaminated land regime in Part 2A of the Environment Protection Act 1990 was introduced to specifically address the historical legacy of land contamination. Part 2A of the Environmental Protection Act 1990 (Amended April 2012) has introduced the following statutory definition for “contaminated land”:

*“any land which appears to the local authority in whose area it is situated to be in such a condition by reason of substances in, on, or under the land, that:*

- (a) significant harm is being caused or there is significant possibility of such harm being caused; or*
- (b) significant pollution of controlled waters is being caused, or there is a significant possibility of such pollution being caused.”*

Part 2A provides a means of dealing with unacceptable risks posed by land contamination to human health and the environment. Enforcing authorities are required to identify and deal with such land but Part 2A is only to be used by the Enforcing Authority where no appropriate alternative solution exists.

### The Process of Risk Assessment

The assessment of contaminated land can be seen as a two phase risk based process, comprising:

- (1) A qualitative assessment of the likelihood of plausible contaminant linkages, i.e. there must not only be a source of contamination, but a pathway and a receptor; and
- (2) A quantitative element which will seek to determine the degree of harm and the significance of such harm on a receptor.

A “contaminant” is a substance which is in, on or under the land and which has the potential to cause significant harm to a receptor or to cause significant pollution of controlled waters.

A “pathway” is a route by which a receptor is or might be affected by a contaminant.

A “receptor” is something that could be adversely affected by a contaminant, for example a person, an organism, an ecosystem, property or controlled waters.

The term “contaminant linkage” indicates that all three elements (i.e. a contaminant, a pathway and a receptor) have been identified. The term “significant contaminant linkage” means a contaminant linkage which gives rise to a level of risk sufficient to justify a piece of land being determined as contaminated land (in other words, there is unacceptable risks posed by the land contamination to human health and or the environment). The term “significant contaminant” means the contaminant which forms part of a significant contaminant linkage.

### Significant Harm to Human Health

The following health effects constitute significant harm: death, life threatening diseases (cancers), other diseases likely to have a serious impact on health, serious injury, birth defects and impairment of reproductive functions.

### Significant Possibility of Significant Harm to Human Health

In deciding whether or not land is contaminated land on the grounds of significant possibility of significant harm to human health, the local authority use the following categorisations:

#### Category 1: Human Health

Land should be deemed to be a Category 1: Human Health case where:

- (a) the authority is aware that similar land or situations are known, or are strongly suspected on the basis of robust evidence, to have caused such harm before in the United Kingdom or elsewhere; or
- (b) the authority is aware that similar degrees of exposure (via any medium) to the contaminant(s) in question are known, or strongly suspected on the basis of robust evidence, to have caused such harm before in the United Kingdom, or elsewhere;

- (c) the authority considers that significant harm may already have been caused by contaminants in, on or under land, and that there is an unacceptable risk that it may continue or occur again if no action is taken.

#### **Category 2: Human Health**

Land should be placed into Category 2 if the authority concludes, on the basis that there is a strong case for considering that the risks from the land are of sufficient concern, that the land poses a significant possibility of significant harm. Category 2 may include land where there is little or no direct evidence that similar land, situations or levels of exposure have caused harm before, but nonetheless the authority considers on the basis of the available evidence, including expert opinion, that there is a strong case for taking action under Part 2A on a precautionary basis.

#### **Category 3: Human Health**

Land should be placed into Category 3 if the authority concludes that the strong case of Category 2 does not exist. Category 3 may include land where risks are not low, but nonetheless the authority considers that regulatory intervention under Part 2A is not warranted. This recognises that placing land in Category 3 would not stop others, such as the owner or occupier of the land, from taking action to reduce risks outside of the Part 2A regime if they choose.

#### **Category 4: Human Health**

The local authority should consider that the following types of land should be placed into Category 4: Human Health:

- (a) Land where no relevant contaminant linkage has been established.
- (b) Land where there are only normal levels of contaminants in the soil.
- (c) Land that has been excluded from the need for further inspection and assessment because contaminant levels do not exceed generic assessment criteria.
- (d) Land where estimated levels of exposure to contaminants in soil are likely to form only a small proportion of what a receptor might be exposed to anyway through other sources of environmental exposure (e.g. in relation to average estimated national levels of exposure to substances commonly found in the environment, to which receptors are likely to be exposed in the normal course of their lives).

#### **“Normal” Presence of Contaminants**

“Normal” levels of contaminants in soils should not be considered to cause land to qualify as contaminated land, unless there is particular reason to consider otherwise. “Normal” levels of contaminants in soils may result from:

- (a) The natural presence of contaminants (e.g. caused by underlying geology) at levels that might reasonably be considered typical in an area and have not been shown to pose an unacceptable risk.
- (b) The presence of contaminants caused by low level diffuse pollution, and common human activity. For example, this would include diffuse pollution from historic use of leaded petrol and the presence of benzo(a)pyrene from vehicle exhausts and the spreading of domestic ash in gardens that might reasonably be considered typical.

#### **Significant Pollution of Controlled Waters**

Pollution of controlled water means the entry into controlled waters of any poisonous, noxious or polluting matter or any solid waste matter. The term “controlled water” is as defined in Part 3 of the Water Resources Act 1991, except that ground waters does not include waters contained in underground strata but above the saturation zone (i.e. perched water).

The following criteria are used to establish whether significant pollution of controlled waters has occurred:

- (a) Pollution equivalent to “environmental damage” to surface water or groundwater as defined by The Environmental Damage (Prevention and Remediation) Regulations 2009.
- (b) Inputs resulting in the deterioration of the quality of water abstracted, or intended to be used in the future.



- (c) A breach of a statutory surface water Environmental Quality Standard, either directly or via a groundwater pathway.
- (d) Input of a substance into groundwater resulting in a significant and sustained upward trend in concentration of contaminants.

The following categories are adopted in relation to determining the significant possibility of significant pollution of controlled waters.

#### **Category 1: Water**

This covers land where the authority considers that there is a strong and compelling case for considering that a significant possibility of significant pollution of controlled waters exists. In particular, this would include cases where there is robust science-based evidence for considering that it is likely that high impact pollution would occur if nothing were done to stop it.

#### **Category 2: Water**

This covers land where:

- (a) The authority considers the strength of evidence to put the land into Category 1 does not exist; but
- (b) Nonetheless, on the basis of the available scientific evidence and expert opinion, the authority considers that the risks posed by the land are of sufficient concern that the land should be considered to pose a significant possibility of significant pollution of controlled waters on a precautionary basis, with all that this might involve (e.g. likely remediation requirements, and the benefits, costs and other impacts of regulatory intervention). Among other things, this category might include land where there is a relatively low likelihood that the most serious types of significant pollution might occur.

#### **Category 3: Water**

This covers land where the authority concludes that the risks are such that (whilst the authority and others might prefer they did not exist) the tests set out in Categories 1 and 2 are not met, and therefore regulatory intervention under Part 2A is not warranted. This category should include land where the authority considers that it is very unlikely that serious pollution would occur; or where there is a low likelihood that less serious types of significant pollution might occur.

#### **Category 4: Water**

This covers land where the authority concludes that there is no risk, or that the level of risk posed is low. In particular, the authority should consider that this is the case where:

- (a) No contaminant linkage has been established in which controlled waters are the receptor in the linkage; or
- (b) the possibility only relates to type of pollution that should not be considered to be significant pollution; or
- (c) The possibility of water pollution similar to that which might be caused by "background" contamination.

#### **Terminology**

The term 'Contaminated Land' is used to mean land which meets the Part 2A definition. Other terms, such as 'land affected by contamination' or 'land contamination' are used to describe much broader categories of land where contaminants are present but usually not at sufficient level of risk to be Contaminated Land.

#### **Planning Policy and Land Contamination**

The National Planning Policy Framework has replaced Planning Policy Statement PPS23: Planning and Pollution Control. Under the Part 2A Statutory Guidance the planning system is highlighted as one of the other ways in which land contamination can be addressed. The key parts of the policy specifically relating to soils, geology and contamination are summarised below (taken from the Section 11 – Conserving and enhancing the natural environment):

109. *The planning system should contribute to and enhance the natural and local environment by:*
- *protecting and enhancing valued landscapes, geological conservation interests and soils;*
  - *preventing both new and existing development from contributing to or being put at unacceptable risk from, or being adversely affected by unacceptable levels of soil, air, water or noise pollution or land instability; and*
  - *remediating and mitigating despoiled, degraded, derelict, contaminated and unstable land, where appropriate.*
111. *Planning policies and decisions should encourage the effective use of land by re-using land that has been previously developed (brownfield land), provided that it is not of high environmental value. Local planning authorities may continue to consider the case for setting a locally appropriate target for the use of brownfield land.*
120. *To prevent unacceptable risks from pollution and land instability, planning policies and decisions should ensure that new development is appropriate for its location. The effects (including cumulative effects) of pollution on health, the natural environment or general amenity, and the potential sensitivity of the area or proposed development to adverse effects from pollution, should be taken into account. Where a site is affected by contamination or land stability issues, responsibility for securing a safe development rests with the developer and/or landowner.*
121. *Planning policies and decisions should also ensure that:*
- *the site is suitable for its new use taking account of ground conditions and land instability, including from natural hazards or former activities such as mining, pollution arising from previous uses and any proposals for mitigation including land remediation or impacts on the natural environment arising from that remediation;*
  - *after remediation, as a minimum, land should not be capable of being determined as contaminated land under Part 2A of the Environmental Protection Act 1990; and*
  - *adequate site investigation information\*, prepared by a competent person\*\*, is presented.*

For a site undergoing development or redevelopment it should be the case that upon completion of that work the site should sit within Category 4 in respect of all receptors.

\*Site investigation information: Includes a risk assessment of land potentially affected by contamination, or ground stability and slope stability reports, as appropriate. All investigations of land potentially affected by contamination should be carried out in accordance with established procedures (such as BS10175 (2011) Code of Practice for the Investigation of Potentially Contaminated Sites). The minimum information that should be provided by an applicant is the report of a desk study and site reconnaissance.

\*\*Competent person (to prepare site investigation information): A person with a recognised relevant qualification, sufficient experience in dealing with the type(s) of pollution or land stability, and membership of a relevant professional organisation.

## **Appendix F: Assessment of Plausible Contaminant Linkages**

## Appendix F: Assessment of Plausible Contaminant Linkages

Plausible Contaminant Linkages Assuming Current Conditions							
No.	Source	Pathway	Receptor	Consequence	Probability	Risk	Justification
<b>Hazards to Human Health</b>							
1	Non-volatile contamination in soils	Direct contact / ingestion	Current site users	Medium	Low Likelihood	Moderate/Low Risk	Historical / Existing potential sources of contamination on site Hardcover partially restricts pathway
2	Volatile contamination in soils	Inhalation	Current site users	Medium	Low Likelihood	Moderate/Low Risk	Historical / Existing potential sources of contamination on/off site Hardcover partially restricts pathway
3	Contamination in soils	Direct contact / ingestion / Inhalation	Maintenance workers	Medium	Low Likelihood	Moderate/Low Risk	Historical / Existing potential sources of contamination on site
4	Ground gas	Inhalation / asphyxiation	Current site users	Severe	Unlikely	Moderate Risk	Historical / Existing potential sources of contamination on/off site
5	Ground Gas	Explosion	Current site users	Severe	Unlikely	Moderate Risk	Historical / Existing potential sources of contamination on/off site
6	Ground gas	Inhalation / asphyxiation / explosion	Maintenance workers	Severe	Low Likelihood	Moderate Risk	Historical / Existing potential sources of contamination on/off site
<b>Hazards to the Water Environment</b>							
7	Contamination in soils	Leachable contamination	Secondary Aquifer	Mild	Low Likelihood	Low Risk	Historical / Existing potential sources of contamination on site
8	Groundwater contamination	Aquifer	Secondary Aquifer	Mild	Likely	Moderate/Low Risk	Historical / Existing potential sources of contamination on/off site
9	Groundwater contamination	Aquifer	Surface water	Severe	Low Likelihood	Moderate Risk	Historical / Existing potential sources of contamination on/off site
<b>Hazards to Flora and Fauna</b>							
10	Contamination in Soils	Plant uptake	Plants and soft landscaping	Minor	Unlikely	Very Low Risk	Historical / Existing potential sources of contamination on site
11	Ground gas / low oxygen	Plant uptake	Plants and soft landscaping	Minor	Low Likelihood	Very Low Risk	Historical / Existing potential sources of contamination on site
<b>Hazards to Building Structure and Services</b>							
12	Contamination in soils	Direct contact with subsurface	Buried concrete	Mild	Low Likelihood	Low Risk	Historical / Existing potential sources of contamination on site
13	Contamination in soils	Direct contact with subsurface	Plastic water supply pipes	Mild	Low Likelihood	Low Risk	Historical / Existing potential sources of contamination on site
14	Ground gas	Explosion	Building structure	Severe	Low Likelihood	Moderate Risk	Historical / Existing potential sources of contamination on/off site

Plausible Contaminant Linkages Assuming Future Development							
No.	Source	Pathway	Receptor	Consequence	Probability	Risk	Justification
<b>Hazards to Human Health</b>							
1	Contamination in soils	Direct contact / ingestion / Inhalation	Maintenance workers	Medium	Unlikely	Low Risk	Risks to be mitigated through design/remediation
2	Ground gas	Inhalation / asphyxiation / explosion	Maintenance workers	Severe	Unlikely	Moderate/Low Risk	Risks to be mitigated through design/remediation
<b>Hazards to the Water Environment</b>							
3	Contamination in soils	Leachable contamination	Secondary Aquifer	Mild	Low Likelihood	Low Risk	Risks to be mitigated through design/remediation
4	Groundwater contamination	Aquifer	Secondary Aquifer	Mild	Likely	Moderate/Low Risk	Residual risks
5	Groundwater contamination	Aquifer	Surface water	Severe	Unlikely	Moderate/Low Risk	Residual risks
<b>Hazards to Flora and Fauna</b>							
6	Contamination in Soils	Plant uptake	Plants and soft landscaping	Minor	Unlikely	Very Low Risk	Unlikely to be significant landscaping scheme due to the nature of the development
7	Ground gas / low oxygen	Plant uptake	Plants and soft landscaping	Minor	Unlikely	Very Low Risk	Unlikely to be significant landscaping scheme due to the nature of the development
<b>Hazards to Building Structure and Services</b>							
8	Contamination in soils	Direct contact with subsurface	Buried concrete	Mild	Unlikely	Very Low Risk	Risks to be mitigated through design/remediation
9	Contamination in soils	Direct contact with subsurface	Plastic water supply pipes	Mild	Unlikely	Very Low Risk	Risks to be mitigated through design/remediation
10	Ground gas	Explosion	Building structure	Severe	Unlikely	Moderate/Low Risk	Risks to be mitigated through design/remediation

## Notes:

In preparing the tables the following assumptions have been made:

1. The proposed development comprises an Energy Storage Facility likely to be a single storey building.
2. Clean topsoil, clean crushed stone or hardcover will be used as surface cover.
3. The final foundation design is not confirmed and may be influenced by a need to ensure no preferential pathways are created between any potential sources of contamination and underlying natural strata.
4. Risks to construction workers, members of the public and the environment during the construction stage will be mitigated through the use of best industry practice and the adoption of appropriate health and safety precautions including the use of PPE.

### Classification of Consequence

The classifications of consequence (severity) are taken from R&D Publication 66 (NHBC and Environment Agency, 2008). AECOM has chosen to apply the classifications to a broad range of development scenarios.

It should be noted that the categories of pollution incident have no relation to the categories of significant possibility of significant harm to human health or significant possibility of significant pollution of controlled waters in respect of the Part 2A Statutory Guidance (Appendix D).

Classification	Definition
Severe	<p>Highly elevated concentrations likely to result in "significant harm" to human health as defined by the EPA 1990, Part 2A, if exposure occurs.</p> <p>Equivalent to EA Category 1 pollution incident including persistent and/or extensive effects on water quality; leading to closure of a potable abstraction point; major impact on amenity value or major damage to agriculture or commerce.</p> <p>Major damage to aquatic or other ecosystems, which is likely to result in a substantial adverse change in its functioning or harm to a species of special interest that endangers the long-term maintenance of the population.</p> <p>Catastrophic damage to crops, buildings or property.</p>
Medium	<p>Elevated concentrations which could result in "significant harm" to human health as defined by the EPA 1990, Part 2A if exposure occurs.</p> <p>Equivalent to EA Category 2 pollution incident including significant effect on water quality; notification required to abstractors; reduction in amenity value or significant damage to agriculture or commerce.</p> <p>Significant damage to aquatic or other ecosystems, which may result in a substantial adverse change in its functioning or harm to a species of special interest that may endanger the long-term maintenance of the population.</p> <p>Significant damage to crops, buildings or property.</p>
Mild	<p>Exposure to human health unlikely to lead to "significant harm".</p> <p>Equivalent to EA Category 3 pollution incident including minimal or short lived effect on water quality; marginal effect on amenity value, agriculture or commerce.</p> <p>Minor or short lived damage to aquatic or other ecosystems, which is unlikely to result in a substantial adverse change in its functioning or harm to a species of special interest that would endanger the long-term maintenance of the population.</p> <p>Minor damage to crops, buildings or property.</p>
Minor	<p>No measurable effect on humans.</p> <p>Equivalent to insubstantial pollution incident with no observed effect on water quality or ecosystems.</p> <p>Repairable effects of damage to buildings, structure and services.</p>

### Classification of Probability

The classifications of probability are taken from R&D Publication 66 (NHBC and Environment Agency, 2008). AECOM has chosen to apply the classifications to a broad range of development scenarios.

It should be noted that the categories of pollution incident have no relation to the categories of significant possibility of significant harm to human health or significant possibility of significant pollution of controlled waters in respect of the Part 2A Statutory Guidance (Appendix D). Also, in the Part 2A Statutory Guidance “pollutant linkage” is now termed “contaminant linkage”, although it is noted that the terms are effectively synonymous.

Category	Definition
High Likelihood	There is pollutant linkage and an event would appear very likely in the short-term and almost inevitable over the long-term, or there is evidence at the receptor of harm or pollution.
Likely	There is pollutant linkage and all the elements are present and in the right place which means that it is probable that an event will occur. Circumstances are such that an event is not inevitable, but possible in the short-term and likely over the long-term.
Low likelihood	There is pollutant linkage and circumstances are possible under which an event could occur. However, it is by no means certain that even over a long period such an event would take place, and is less likely in the shorter term.
Unlikely	There is pollutant linkage but circumstances are such that it is improbable that an event would occur even in the very long-term.

### Categorisation of Risk

		Consequence (Severity)			
		Severe	Medium	Mild	Minor
Probability (Likelihood)	High Likelihood	Very high risk	High risk	Moderate risk	Low risk
	Likely	High risk	Moderate risk	Moderate/low risk	Low risk
	Low Likelihood	Moderate risk	Moderate/low risk	Low risk	Very low risk
	Unlikely	Moderate/low risk	Low risk	Very low risk	Very low risk

### Description of Risk Levels and Likely Action Required

Term	Description
Very high risk	There is a high probability that severe harm could arise to a designated receptor from an identified hazard at the site without appropriate remediation action <u>or</u> there is evidence that severe harm to a designated receptor is already occurring. Realisation of that risk is likely to present a substantial liability to be site owner or occupier. Investigation is required as a matter of urgency and remediation works likely to follow in the short-term.
High risk	Harm is likely to arise to a designated receptor from an identified hazard at the site without appropriate remediation action. Realisation of the risk is likely to present a substantial liability to the site owner or occupier. Investigation is required as a matter of urgency to clarify the risk. Remediation works may be necessary in the short-term and are likely over the longer term.
Moderate risk	It is possible that without appropriate remediation action, harm would arise to a designated receptor. It is relatively unlikely that any such harm would be severe, and if any harm were to occur it is more likely that the harm would be relatively mild. Further investigative work is normally required to clarify the risk and to determine the potential liability to site owner/occupier. Some remediation works may be required in the longer term.
Low risk	It is possible that harm could arise to a designated receptor from identified hazard. It is likely that, at worst, if any harm was realised any effects would be mild. It is unlikely that the site owner/or occupier would face substantial liabilities from such a risk. Further investigative work (which is likely to be limited) to clarify the risk may be required. Any subsequent remediation works are likely to be relatively limited.
Very low risk	It is a low possibility that harm could arise to a designated receptor, but it is likely at worst, that this harm if realised would normally be mild or minor.
No potential risk	There is no potential risk if no pollutant linkage has been established.

### Summary of Definitions

Term	Description
Hazard	A property or situation which in certain circumstances could lead to harm. (The properties of different hazards must be assessed in relation to their potential to affect the various different receptors).
Consequences	The adverse effects (or harm) arising from a defined hazard which impairs the quality of the environment or human health in the short or longer term.
Probability	The mathematical expression of the chance of a particular event in a given period of time (e.g. probability of 0.2 is equivalent to 20% or a 1 in 5 chance).
Likelihood	Probability; the state of being probable.
Risk	A combination of the probability or frequency of the occurrences of a defined hazard AND the magnitude of the consequences of that occurrence.
Contaminant linkage	An identified pathway is capable of exposing a receptor to a contaminant and that contaminant is capable of harming the receptor. In the Part 2A Statutory Guidance the terms “contaminant”, “pollutant” and “substance” have the same meaning, and some non-statutory technical guidance relevant to land contamination uses alternative terms such as “pollutant”, “substance” and associated terms in effect to mean the same thing.