

**Geotechnical and Geo-Environmental  
Report:**  
Proposed Residential Development at  
Channel View Cardiff.

**PREPARED FOR:**  
Cardiff County Council

**July 2020**

**Job No: 16017**



  
**terrafirma**

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Proposed Residential development at Channel  
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## Executive Summary

<b>Site Location and Proposed Development</b>	<p>Cardiff County Council is proposing a residential development at land to the east of Channel View Road in Cardiff. The site is currently occupied by 54 two story two bed flats, 56 three bed houses and Channel View Flat Tower containing 78 flats. development comprises the demolition of the current residential houses and flats and construction of a mixture of flats, houses and independent living totalling 362 units.</p> <p>The site centres on an approximate National Grid Reference of 318010, 174030 occupying a plan area of approximately 6.01 Hectares and irregular in shape.</p>
<b>Site History</b>	<p>The earliest available map shows The north and east of the site is an area of salt marshland and the west of the site being an empty field. The site was used as a landfill, The Marl, operational between 31/12/1936 and 31/12/1945. The existing residential flats and houses present on site today were constructed between 1965 and 1986. There has be no change to the site ever since.</p>
<b>Geology</b>	<p>The 1:50,000 scale geological maps of the area (Sheet 263) was consulted for geology underlying the site. The site is shown to be underlain by the Mercia Mudstone Group, Triassic in age.</p> <p>Made ground is shown to cover the whole site. Superficial deposits of marine or estuarine alluvium are beneath the made ground on site.</p> <p>No faults are recorded on site.</p>
<b>Radon</b>	<p>The site lies in a lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level), no radon protective measures are necessary in the construction of new dwellings or extensions</p>
<b>Ground Conditions</b>	<p>Generally the ground conditions encountered beneath the site were <b>MADE GROUND</b>: Grass over firm brow slightly gravelly <b>CLAY</b> to a maximum depth of 0.45m over, <b>MADE GROUND</b>: medium dense black gravelly <b>SAND</b> to maximum depth of 5.30m over, soft grey laminated silty <b>CLAY</b> with occasional cobble to maximum depth of 11.80m over Loose grey clayey sandy <b>GRAVEL</b> to a maximum depth of 12.50m over, Medium dense to dense becoming very dense brown sandy <b>GRAVEL</b> with medium cobble content to a maximum depth of 19.60m over, Hard weathered brown occasionally mottled grey sandy <b>MUDSTONE</b>, proved to a depth of 28.00m.</p>
<b>Laboratory Chemical Testing</b>	<p>Various contaminants were identified in the made ground on site. The risk to future site residents will be mitigated by capping of the site with the new building and hardstanding and 600mm imported clean soil capping cover across soft landscaped areas.</p>
<b>Foundation Solution</b>	<p>The proposed new development will comprise a 9-12 storey apartment block and a 15 storey apartment block.</p> <p>Due to the anticipated high loads, piled foundations set within the underlying Mercia Mudstone bedrock are recommended. Given the density of the fluvio-glacial gravels, likelihood for buried obstructions and proximity to existing developments, roads and services continuous flight auger (CFA) piles are recommended</p> <p>Based on experience and back analysis in the Mercia Mudstone, Chandler and Davis (Ref. 1) have published bearing pressure at failures for test piles in weathered (Zone II), hard (Zone I) and weathered (Zone II/III). The Mercia Mudstone encountered was predominantly Zone II/III and based upon the above research an Ultimate End Bearing Pressure of 3.0MN/m<sup>2</sup> has been taken.</p> <p>For a 700mm diameter bored pile this would give an Ultimate End Bearing Resistance of 1160kN.</p> <p>Chandler and Davis (Ref 1) have also published data for values of ultimate skin friction on pile shaft for Zone I to Zone III Mercia Mudstone. As the mudstone is predominately Zone II/III a figure of 225kN/m<sup>2</sup> has been taken for design purposes. Therefore, for a 26m long, 750mm diameter bored pile with an embedment length of 8m in the Mercia Mudstone An ultimate skin friction value of 3960kN has been calculated.</p> <p>Combining skin friction and end bearing and allowing a factor of safety of 2.5 would give an allowable working loads for a 28m long 0.7m diameter pile of 2048kN/m<sup>2</sup>.</p> <p>Due to the presence of the buried channel in the south of the site pile lengths quoted are likely to vary with the channel.</p>

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ANNEX C Borehole Logs
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ANNEX F Gas Monitoring Results
ANNEX G Water Monitoring Results

## Drawings

Drawing 01 Proposed Site Layout
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## **SECTION 1 Introduction and Proposed Development**

### **1.1 Introduction**

Cardiff County Council is proposing a residential development at land to the east of Channel View Road in Cardiff. The site is currently occupied by 54 two story two bed flats, 56 three bed houses and Channel View Flat Tower containing 78 flats. The development comprises the demolition of the current residential houses and flats and construction of a mixture of 15, 12 and 9 story high rise flats, terrace houses and independent living totalling 362 units.

Cambria Consulting Limited are the Consulting Civil and Structural Engineers for the proposed development.

Terra Firma (Wales) Limited have been commissioned by Cambria Consulting Limited on behalf of Cardiff City Council to undertake a geo-environmental assessment and geotechnical investigation of the site.

The main objectives of the geo-environmental assessment programme were to:

- Investigate the potential environmental liabilities at the site associated with any soil contamination
- Provide a summary of the environmental conditions at the site, together with any necessary further intrusive works and / or remediation works to render the site fit for its intended use

The main objectives of the geotechnical site investigation were to:

- Determine the type, strength and bearing characteristics of the made ground, superficial and underlying solid geology
- Provide engineering foundation and floor slab recommendations for the development
- Provide recommendations with regard to any other geotechnical aspects pertaining to the development

In order to achieve the above objectives, Terra Firma (Wales) Limited carried out an assessment programme including a site walkover, a review of existing data, followed by a field investigation to collect geotechnical and environmental data from selected locations.

### **1.2 Limitations and Exceptions of Investigation**

Cardiff County Council has requested that a Geo-environmental Site Assessment (GSA) and Geotechnical Investigation (GI) be performed in order to determine if contamination is present beneath the site and to determine an appropriate foundation and floor slab solution for the proposed development.

The GSA and GI were conducted and this report has been prepared for the sole internal reliance of Cardiff County Council and its design and construction team. This report shall not be relied upon or transferred to any other parties without the express written authorisation of Terra Firma (Wales) Limited. If an unauthorised third party comes into possession of this report they rely on it at their peril and the authors owe them no duty of care and skill. The report represents the findings and opinions of experienced geo-environmental and geotechnical consultants. Terra Firma (Wales) Limited does not provide legal advice and the advice of lawyers may be required.

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## **1.2 Limitation and Exceptions of Investigation (Continued)**

The subsurface geological profiles, any contamination and other plots are generalised by necessity and have been based on the information found at the locations of the exploratory holes and depths sampled and tested.

The site investigation was limited by the existing housing, roads and services.

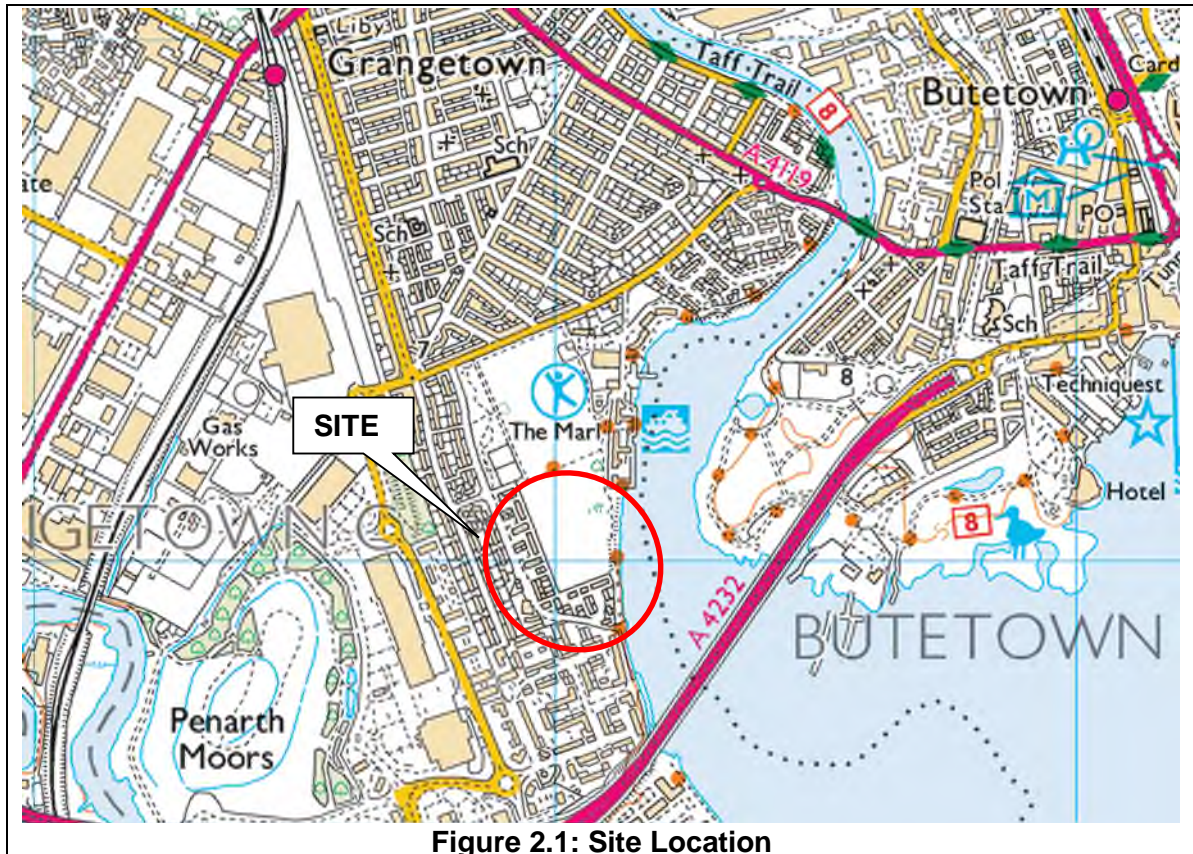
## SECTION 2 Introduction and Proposed Development

### 2.1 Physical Setting and Current Site Use

The site centres on an approximate National Grid Reference of 318010 174030 occupying a plan area of approximately 6.01 Hectares and is irregular in shape.

The site is bound by to the north by The Marl Park, to south and west by residential housing and by the River Taff east. The site is level with an elevation of 7-8m AOD.

The site location can be seen below in **Figure 01**



The proposed site layout can be seen on **Drawing 02**.



## 2.2 Site History

Historical maps of the site have been obtained in an Envirocheck Report, provided by Landmark Information Group. The history plans are supplied in **Annex A** of this report, and the most relevant editions are summarised below. Distances are approximate, and any changes in-between map editions may not be recorded

<b>Table 2.1 Historical Development from Map Information</b>		
<b>Map Edition and Scale</b>	<b>Key Features on Site</b>	<b>Key Features off Site</b>
1880 1:1,250	The north and east of the site is an area of salt marshland and the west of the site being an empty field.	The site is surrounded by marshland and to the south west at within 100m is the Taff Vale Railway.
1901 1:10,560	The east of the site is found to be a floodplain indicated by the saltings and mud banks.	To the northeast within 150m away there is a sewerage tank. To the northwest within 250m there is a Gas works. The railway is still present at within 150m west.
1922 1:10,560	A spring is recorded on site to the northeast. The site is still occupied to the east by the River Taff's floodplain indicted by the mud bank and saltings.	Oil tanks are located within 250m to the west. Clay pits are located within 200m to the southwest and a stadium has been constructed to within 50m to the northwest of the site boundary.
1938 1:10,560	No significant change, Enviorcheck data sheet records The Marl landfill present on site to be operational from 31/12/1936.	The stadium located within 50m northwest has been demolished.
1947 1951 1:10,560	The site has been subject to filling. The saltings and mud banks are no longer recorded as being on site.	The west side of the site boundary has now been established by small residential dwellings. The Sewage works to the northeast and gas works to the northwest are still present.
1965 1:10,000	The site appears to have been used as a landfill site (The Marl) with the addition of trees surrounding the north and west boarder.	There are land drains recorded within 50m south of the site boundary. The sewage works are no longer recorded and has been replaced by a sand and gravel yard.
1969 1974 1:1,250	To the south west construction of Channel View flats has been completed.	There is a transport depot within 50m to the south.
1982 1:10,000	There are houses along the west boundary of the site.	No significant change.

**Table 2.2 Historical Development from Map Information (Continued)**

<b>Map Edition and Scale</b>	<b>Key Features on Site</b>	<b>Key Features off Site</b>
1984 1986 1:10,000	The housing development to the west and south of the site is now established and occupies a significant proportion of the site.	No significant change.
1991 1996 1:10,000	No significant change.	The construction of the A4232 within 250m to the southwest, south and southeast is completed.
1999 1:10,000 2006 1:10,000 2020 1:10,000	No significant change	No significant change.

## 2.3 Geological Setting

### 2.3.1 Geology

The 1:50000-scale geological map of the area (Sheet 263) and the publication 'Urban Geology of Cardiff Centre and the Bay Region' were consulted. The site is underlain by rocks of the Mercia Mudstone Group, which are Triassic in age. These rocks generally comprise structureless red mudstones, stiff clays, siltstones and sandstones.

Estuarine/marine alluvium is shown to overlie the solid geology. In this area of Cardiff superficial fluvio-glacial (undifferentiated) terrace deposits are recorded to be present between the alluvium and Mercia Mudstone. The fluvio-glacial gravel terrace was deposited from an historical melt-water fan. The alluvium was deposited above the gravel as the sea level rose, post-glacially. The alluvial deposits consist of a sequence of clays with sub-ordinate silts, sands and gravels. Peat horizons within the alluvium are also often found.

Made ground associated with the reclamation of land from the sea may be present. Reclamation took place in this area of Cardiff by 1810 and any fill materials are likely to be highly variable.

There are buried channels within the Mercia Mudstone beneath Cardiff. The Cardiff Borehole Contour Map shows A buried channel running along the south boundary of this site.

No faults are recorded on site.

### 2.3.2 Radon

The site lies in a lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level) as reported within the Envirocheck Report presented in **Annex A**.

No radon protective measures are necessary in the construction of new dwellings or extensions

### 2.3.3 Natural Hazard

The Envirocheck Report identifies a Moderate risk of compressible ground stability and running sandy ground stability.

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## **2.4 Environmental Setting**

The following sections have been compiled using the Landmark Information Group Envirocheck datasheet and maps which can be found in **Annex A**.

### **2.4.1 Hydrogeology and Hydrology**

The nearest surface water feature is located on the eastern boundary of the site. This feature is the River Taff. Generally the topography of the site is level however, surface water runoff is likely to be in an easterly direction.

Deeper groundwater flow within the underlying bedrock will be controlled by the strata dip and any fractures or bedding planes within the rock units.

The hydraulic gradient will be at its steepest during periods of heavy rainfall and aquifer recharge.

The bedrock deposits beneath the site have an aquifer designation of 'Secondary B'. These are predominantly lower permeability layers which may store and yield limited amounts of groundwater due to localised features such as fissures, thin permeable horizons and weathering. These are generally the water-bearing parts of the former non-aquifers.

The superficial deposits beneath the site have an aquifer designation of 'Secondary Undifferentiated'. This has been assigned in cases where it has not been possible to attribute either category A or B to a rock type. In most cases, this means that the layer in question has previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type.

### **2.4.2 Groundwater**

The Envirocheck Report does not place the site within a groundwater source protection zone.

There are no groundwater abstraction points recorded within 250m of the site.

### **2.4.3 Flooding**

The Envirocheck Report records the site is at risk from extreme flooding from rivers of sea and flooding from surface water or of property below ground level. The site should be allocated as a Zone 2.

Potential for groundwater flooding of property situated below ground level.

### **2.4.4 Waste**

There is a recorded historical landfill site called The Marl situated within the site boundary and multiple landfill sites named; The Northern Old Clay Pit situated 153m to the north of the site boundary, British Gas Corporation situated 159m southwest, Hamadryadd No 2 169m northeast and Southern Old Clay at Ferry Road 232m southwest.

There are no currently active landfill sites within, or within 250m of the site boundary.

There is a licensed waste management facilities or registered waste transfer site within, or within 250m of the site boundary. This is the Butetown Link Landfill, located 147m northeast.

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### 2.4.5 Pollution

The Envirocheck Reports records one pollution incident to controlled waters within 250m of site. The incident occurred on 21/03/1997 at Ferry Road, 167m southeast of the site. Pollutant was mud clay and soil runoff, it is classed as a category 3 – minor incident.

The Envirocheck report also indicates a substantial pollution incident register within 250m of the site. The incident occurred on 08/05/2008 the position of which was located by the supplier to be within 10m of the incident. It is classed as a category 2 – significant incident to water.

There is a recorded pollution prevention and controls recorded within 250m of site. This is by ASDA stores Ltd and is dated 23/12/1998 located at Cardiff Bay Retail Park some 248m northwest of the site boundary.

### 2.4.6 Sensitive Land Use

The following sensitive land uses are not located on or within 500m of the site boundary;

Areas of Adopted Green Belt  
Areas of Unadopted Green Belt  
Areas of Outstanding Natural Beauty  
Environmentally Sensitive Areas  
Forest Parks  
Marine Nature Reserves  
National Nature Reserves  
National Parks  
Nitrate Sensitive Areas  
Nitrate Vulnerable Zones  
Ramsar Sites  
Special Areas of Conservation  
Special Protection Areas  
World Heritage Sites  
Sites of Special Scientific Interest

The following sensitive land uses are located within 500m of the site boundary;

- Local Nature Reserve: Cardiff Bay Wetlands and Hamadryad Park: 163m northeast. The Hamadryad Park is formed from dredged alluvial deposits from the construction of the PDR bridge.

The proposed development is not considered likely to impact these sensitive receptors.

## **SECTION 3 Preliminary Human Health and Environmental Risk Assessment**

### **3.1 General**

The contaminated land regime is set out in Part IIA of the Environmental Protection Act (EPA) 1990 and was introduced on the 1<sup>st</sup> April 2000 in England and 1<sup>st</sup> July 2001 in Wales. A similar regime was introduced in Scotland on 14<sup>th</sup> July 2000. Part IIA was introduced to achieve two aims:

- (1) The identification of contaminated land
- (2) The remediation of contaminated land that poses an unacceptable risk to human health and/or the environment

Under Part IIA the statutory definition of 'contaminated land' is: 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 a significant possibility of such harm being caused; or
- (b) Pollution of controlled waters is being, or is likely to be, caused."

For land to be classified as 'Contaminated Land' there must be a 'pollutant linkage'.

For our definitions of pollution linkage and how we define risk please refer to **Annex B** which includes our classifications of consequence and probability and risk assessment matrix.

### **3.2 Preliminary Site Conceptual Model**

The preceding sections enable a preliminary conceptual model of the site to be drawn up, to illustrate the likely ground conditions beneath the site together with a preliminary assessment of the nature of any underlying aquifers and groundwater movement. The preliminary site conceptual model is used as a model for the design and implementation of the site investigation, whereby areas of potential contamination can be targeted as well as investigating the site as a whole.

### **3.3 Potential Sources of Contamination and Gas**

The potential contamination beneath the site, whether in the matrix of soil or groundwater is related to the sites past use.

The historical map review shows the site to have had past industrial or commercial use as a Landfill (The Marl) and deposited waste included inert, industrial, commercial, household and special waste, we would therefore expect there to be a **Medium to High** risk of contamination relating to past industrial use of the site as a landfill. The risk of contamination would be determined by testing for a general suite of contaminants including asbestos.

No other potential on-site sources of contamination have been identified during the desk study.

### **3.4 Potential Receptors and Pollution Pathways**

There are both human and hydrological receptors to any contamination that may be present on site.

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### **3.4 Potential Receptors and Pollution Pathways (Continued)**

Construction workers will be excavating in soils and will be exposed via dermal contact with soils and dust, ingestion of soil dust and inhalation of soil dust.

Inhalation of asbestos fibres is also a possible risk, if present.

A continued residential end use is proposed. Once developed, future site users will potentially be at risk from the same pathways.

Neighbouring site users and passers-by may potentially be exposed to soil dust, asbestos fibres and vapours.

If any contamination is identified this may be leachable, enabling it to mobilise through perched groundwater within site soils into the underlying aquifer.

### 3.5 Preliminary Human Health and Environmental Risk Assessment

<b>Table 3.1 Preliminary Qualitative Human Health and Environmental Risk Assessment</b>			
<b>Potential Source</b>	<b>Potential Pathway</b>	<b>Potential Target</b>	<b>Preliminary Assessment Risk</b>
<b>Human Health</b>			
Site Soil	Dermal contact with soil, ingestion of soil/soil dust, inhalation of soil dust/asbestos fibres	Construction workers	<b>Medium to High Risk</b> COSHH assessment and good level of PPE/ hygiene by site workers/ staff; dust suppression measures if required. Potential made ground including asbestos
Site Soil	Dermal contact with soil, ingestion of soil/soil dust, inhalation of soil dust/asbestos fibres	Passers - by/neighbouring site users	<b>Medium to High Risk</b> Potential made ground including asbestos
Site Soil	Dermal contact with soil, ingestion of soil/soil dust or site grown vegetables, inhalation of soil dust/asbestos fibres	Site End Users – Residents and visitors.	<b>Medium to High Risk</b> Potential made ground including asbestos
Radon Gas from underlying bedrock	Migration into indoor air	Site End Users – Residents and visitors.	<b>Low Risk</b> No radon protection measures required
Landfill gas	Migration through superficial deposits and bedrock and accumulation indoors	Site End Users – Residents and visitors.	<b>Risk Identified (Medium to High)</b> Historic Landfill The Marl, source identified
Ground gas	Direct from any made ground/buried organic matter on site and accumulation indoors	Site End Users – Residents and visitors.	<b>Negligible Risk</b> No significant source identified
Vapours	Migration into indoor air	Site End Users – Residents and visitors.	<b>Medium to High Risk</b> Historic Landfill The Marl, source identified
Site Soils	Permeation of drinking water pipes	Site End Users – Residents and visitors.	<b>Low to Medium Risk</b> Potential made ground from landfill
<b>Aquatic Environment</b>			
Site Soils	Surface runoff and leaching of contamination into the perched groundwater	Perched groundwater beneath the site	<b>Low to Medium Risk</b> Potential made ground
Site Soils	Groundwater transport	Nearest significant western site boundary.	<b>Low to Medium Risk</b> Potential made ground
Site Soils	Groundwater transport	Underlying bedrock: Secondary B Aquifer.	<b>Low to Medium Risk</b> Potential made ground
<b>Vegetation</b>			
Site Soils	Uptake of phytotoxic contaminants	Vegetation	<b>Low to Medium Risk</b> Potential made ground
<b>Building Materials</b>			
Site Soils	Damage of building materials	New buildings	<b>Low Risk</b> Correct class of concrete to be chosen. Potential made ground and Sulphates.

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## SECTION 4 Field Investigation

### 4.1 Site Works

A geotechnical and geo-environmental site investigation comprising four windowless sample boreholes and three cable percussive boreholes, two with rotary coring was carried out between the 15<sup>th</sup> April 2020 and 31<sup>st</sup> April 2020.

The fieldwork was supervised by Terra Firma (Wales) Limited, who logged the exploratory holes to the requirements of BS5930:2015. The proposed locations of the exploratory holes were determined by Terra Firma (Wales) Limited.

The cable percussive boreholes, two of which had rotary follow on, (**Annex C**) were formed using a light cable tool (shell and auger) rig utilising 150mm or 200mm casing. Initially, an inspection pit was hand excavated to 1.20m to check for buried services. The boreholes were advanced using a clay cutter and bailer with the occasional use of a heavy California chisel to assist boring.

Disturbed samples of the arisings were taken and retained in plastic bags and airtight tubs.

Standard penetration tests were carried out in general accordance with the Specification. A split barrel or soil cone was used depending on the materials encountered and the split barrel samples retained in airtight tubs. The N value was taken as the number of blows to penetrate the 300mm test drive following a 150mm seating drive. Test results are presented on the relevant borehole logs.

Boreholes were monitored for groundwater ingress as boring proceeded. Upon encountering water, boring was temporarily stopped to allow water levels to stabilise and recorded.

Two of the boreholes were continued with rotary coring using a Beretta T44 Rotary rig. The boreholes were advanced through the bedrock by 75mm diameter cores with intermittent SPT/RPT's being carried out. Air flush was used as the flushing medium. The cores were logged by an experienced engineer again to the requirements of BS5930:2015. Core recovery was poor with materials recovered as angular rock gravel. Rock strength was therefore based upon SPT values.

On completion slotted standpipes were installed in all boreholes. Each standpipe consisted of a 50mm ID HDPE slotted tube set in a granular filter medium and sealed above and below with a bentonite plug. The installations were protected at surface by a lockable stopcock cover set in concrete. Installation details are given on the relevant borehole log.

Prior to water sampling, the water monitoring standpipes were developed by pumping and then purged until at least three well volumes of water had been removed, water run clear or quality readings stabilised. Temperature, pH, dissolved oxygen level, redox potential and conductivity readings were also taken periodically during development. Water quality results are presented in **Annex G**.

The windowless samples were sunk using a Dando Terrier Window Sampling Rig. Standard/Cone Penetration (SPT/SPT(C)) Tests were undertaken at close and regular intervals within the window sample boreholes. The purpose of these exploratory holes was to improve site coverage and provide new shallow installations for gas monitoring. The logs are presented in **Annex C**.

Representative disturbed samples were taken and retained in airtight containers for environmental and geotechnical testing.



Exploratory hole locations are shown on **Drawing 01**.

## 4.2 Exploratory Strategy

It is considered that the number and spacing of exploratory holes was adequate to:

- Investigate the presence, nature and distribution of contamination on site in an efficient but cost effective manner.
- Optimise the chances of finding contamination hot spots of various sizes and orientations.
- Provide good representation of the ground conditions beneath the site.
- Provide sufficient data to determine suitable remedial measures if necessary.

## 4.3 Ground Conditions

The ground conditions encountered by the exploratory holes can in general be summarised as shown in **Table 4.1**.

Table 4.1 Summary of Ground Conditions	
Depth (m)	Stratum
0.00 to 0.40 / 0.45	<b>MADE GROUND:</b> Grass over firm brown slightly gravelly <b>CLAY</b> .
0.40 / 0.45 to 4.30 / 5.30	<b>MADE GROUND:</b> Medium dense black gravelly <b>SAND</b> . Sand is fine to coarse of ash. Gravel is angular fine to coarse of metal, slag, brick, glass and coal.
4.30 / 5.30 to 11.30 / 11.80	Soft grey laminated silty <b>CLAY</b> with occasional cobble.
11.30 / 11.80 to 11.80 / 12.50	Loose grey clayey sandy <b>GRAVEL</b> . Sand is fine to coarse. Gravel is subangular to rounded fine to coarse of mixed lithologies.
11.80 / 12.50 to 19.20 / 19.60	Medium dense to dense becoming very dense brown sandy <b>GRAVEL</b> with medium cobble content and low boulder content. Sand is fine to coarse. Gravel is subangular to rounded fine to coarse of mixed lithologies. Cobbles and boulders are subangular of mixed lithologies.
19.20 / 19.60 to >28.00	Hard weathered brown occasionally mottled grey sandy <b>MUDSTONE (Poor core recovery estimated as Grade II/III)</b>

## 4.4 Water Strikes

There were two groundwater strikes encountered during the investigation work. The first was encountered within the gravels at 11.80m in CP01, 12.00m CP02 and 11.30m in CP03. The second was encountered within the mudstone bedrock at 22.20m in CP02 and 22.40m in CP03.

## 4.5 Soil Laboratory Chemical Testing

During the intrusive investigation, small disturbed soil samples were collected. The sampling regime was conducted in accordance with BS5930: 1999 in order to satisfy the following criteria:

- Identify and confirm suspected sources of contamination
- Determine type and concentration of contamination
- Determine lateral and vertical spread of contaminants
- Ensure representation of the entire site

## 4.5 Soil Laboratory Chemical Testing (Continued)

- Provide sufficient data to determine suitable remedial measures if necessary
- The soil samples taken were despatched to the laboratories of Chemtest. The sample locations and depths as well as scheduled laboratory tests are listed in the table on the following page.

Table 4.2 Soil Sample Details			
Sample	Depth (m)	Sample Description	Testing Schedule
WS01	3.0	<b>Made Ground:</b> Dense dark grey and red clayey sandy GAVEL.	SF1
WS02	0.5	<b>Made Ground:</b> Medium dense black gravelly SAND.	SF1
WS02	1.5	<b>Made Ground:</b> Medium dense black gravelly SAND.	SF1
WS03	0.3	<b>Made Ground:</b> Grass over brown slightly sandy slightly gravelly CLAY.	SF1
WS04	1.8	<b>Made Ground:</b> Medium dense black gravelly SAND.	SF1
CP01	1.0	<b>Made Ground:</b> Medium dense black gravelly SAND.	SF1, WAC
CP01	2.5	<b>Made Ground:</b> Medium dense black gravelly SAND.	SF1, TF1 Leachate
CP02	3.0	<b>Made Ground:</b> Medium dense black gravelly SAND.	SF1, TF1 Leachate
CP02	4.5	Soft grey laminated silty CLAY	SF1
CP03	2.0	<b>Made Ground:</b> Medium dense black gravelly SAND.	SF1, WAC, TF1 Leachate

### Notes

- SF1 - antimony, arsenic, beryllium, boron, cadmium, chromium III, chromium VI, manganese, mercury, molybdenum, copper, nickel, lead, selenium, zinc, speciated PAH, cyanide, sulphate, pH, phenol, soil organic matter, TPHCWG, Asbestos

The results are discussed in detail in **Section 5** and the laboratory test results certificates may be found in **Annex D**.

### 4.5.1 Leachate

Three samples collected were subject to leachate testing for the following determinants and the laboratory test results certificates may be found in **Annex D**.

#### Metals and Metalloids

Lead (Dissolved)  
 Arsenic (Dissolved)  
 Mercury (Dissolved)  
 Cadmium (Dissolved)  
 Chromium (Dissolved)  
 Copper (Dissolved)  
 Nickel (Dissolved)  
 Zinc (Dissolved)  
 Selenium (Dissolved)  
 Boron (Dissolved)

#### In-Organics

Cyanide (Total)  
 Sulphate

#### Others

pH (acidity)

#### Organic Chemicals

Phenols  
 Polyaromatic Hydrocarbons (PAH)  
 Petroleum Hydrocarbons (TPH CWG)  
 Total Organic Carbon (TOC)

## 4.5.2 Groundwater Chemical Testing

After the ground investigation the water sample was retrieved from boreholes CP01, CP02 and CP03. Two rounds of groundwater sampling and testing was completed from each well.

The sample locations and dates of the groundwater sampling are listed in **Table 4.3**.

<b>Table 4.3 Groundwater Samples</b>			
<b>Sample</b>	<b>Round 1</b>	<b>Round 2</b>	<b>Response Zone</b>
CP01	29/06/2020	06/07/2020	5.00 – 18.00mbgl
CP02	29/06/2020	06/07/2020	6.00 – 18.50mbgl
CP03	29/06/2020	06/07/2020	20.00 – 24.00mbgl

Groundwater samples were despatched to the laboratories of Chemtest for laboratory chemical testing

The samples were screened for the following substances:

### **Metals and Metalloids**

Lead  
Arsenic  
Mercury  
Cadmium  
Copper  
Chromium  
Nickel  
Selenium  
Zinc

### **In-Organics**

Cyanide  
Sulphate

### **Others**

pH  
Organic Matter  
BOD  
COD  
Hardness

### **Organic Chemicals**

Phenols  
Polycyclic Aromatic Hydrocarbons

The tests were undertaken to the appropriate British standards.

The test results are presented in **Annex G** and discussed in **Section 5.6** of this report.

## 4.5.3 Soil Plasticity Testing

During the fieldworks three small disturbed soil samples of in-situ material were taken and despatched to the laboratories of Apex Testing for plasticity testing.

The tests were undertaken to the appropriate British standards.

The test results are presented in **Annex E** and discussed in **Section 8.2** of this report.

## 4.6 Gas Monitoring

Due to historic landfill situated within the site boundary there is significant potential for a gas source. During the investigation seven gas and groundwater monitoring wells were installed.

A summary of the installation details are listed in **Table 4.4**

Table 4.4 Installation Details		
Sample	Response Zone	Response Zone Strata(s)
CP01	5.00 – 18.00mbgl	Clay and Gravels
CP02	6.00 – 18.50mbgl	Clay and Gravels
CP03	20.00 – 24.00mbgl	Mudstone
WS01	1.00 – 3.00mbgl	Made Ground
WS02	1.00 – 3.00mbgl	Made Ground
WS03	1.00 – 3.00mbgl	Made Ground
WS04	1.00 – 3.00mbgl	Made Ground

Between the 28th May 2020 and 21<sup>st</sup> July 2020 the wells were monitored, with a GA2000 Gas Analyser, for Methane, Carbon Dioxide, Oxygen, Hydrogen Sulphide and Carbon Monoxide. These monitoring wells were lost during site preparation works.

The results of the gas monitoring are presented in **Annex F** and are discussed in **Section 7**.

## SECTION 5 Evaluation of Soil Analytical Results

### 5.1 Soil Assessment Methodology

Comparison of the analytical results has been made with the 2015 Suitable 4 Use Levels (S4UL) provided by Land Quality Management (LQM) Limited and the Chartered Institute of Environmental Health (CIEH) or provisional Category 4 Screening Levels (pC4SL). Where S4UL or C4SL values are not available, reference has been made to Soil Guideline Values (SGV) sourced from the now withdrawn Environment Agency Contaminated Land Exposure Assessment (CLEA).

### 5.2 Soil Test Results

A summary of the chemical test results which include the regulatory soil guideline values used in a residential setting are given in **Tables 5.1 to 5.3**. The complete results can be found in **Annex D**.

Six samples were tested for a standard suite of metals, inorganics and phenols. The summarised results are shown below in **Table 5.1**.

Table 5.1 Summary of Soil Chemical Test Results Standard Suite						
Substance	Residential with gardens GAC (mg/kg)	Source	Measured Concentrations of Tested Substances (mg/kg)		Number of Exceedances (Residential Guidelines with Gardens)	Number of Exceedances (Residential Guidelines without Gardens)
			Minimum	Maximum		
Arsenic	37	S4UL	19	53	3/10	2/10
Cadmium	11	S4UL	< 0.10	1.60	0/10	0/10
Chromium	-	-	15	240	-	-
Chromium III	910	S4UL	15	240	0/10	0/10
Chromium VI	6	S4UL	<0.5	<0.5	0/10	0/10
Copper	2400	S4UL	<2.00	45	0/10	0/10
Lead	200	C4SL	86	2200	6/10	5/10
Mercury	40	S4UL	0.28	1.40	0/10	0/10
Nickel	130	S4UL	26	100	0/10	0/10
Selenium	250	S4UL	<0.20	1.8	0/10	0/10
Zinc	3700	S4UL	100	1500	0/10	0/10
Cyanide	8	SGV	<0.5	38	2/10	2/10
Organic matter %	-	-	1.0%	4.7%	-	-
Sulphate (SO <sub>4</sub> ) %	-	-	0.065%	0.52%	-	-
pH	-	-	2.5	10.9	-	-
Phenol	120	S4UL	<0.3	<0.3	0/10	0/10
Total PAH	-	-	2.5	190	-	-
Notes: <ul style="list-style-type: none"> <li>• A total of 10 samples were tested.</li> <li>• S4UL - Land Quality Management Chartered Institute of Environmental Health's "Suitable 4 Use Levels"</li> <li>• C4SL - DEFRA's "Provisional Category 4 Screening Level"</li> <li>• SGV - CLEA "Soil Guideline Values"</li> <li>• &lt; - Below Laboratory Detection Limit</li> </ul>						

Six samples were tested for speciated polycyclic aromatic hydrocarbons. The summarised results are shown below in **Table 5.2**.

<b>Table 5.2 Summary of Soil Chemical Test Results Speciated PAH</b>						
Substance	Residential with gardens GAC (mg/kg)	Source	Measured Concentrations of Tested Substances (mg/kg)		Number of Exceedances (Residential Guidelines with Gardens)	Number of Exceedances (Residential Guidelines without Gardens)
			Minimum	Maximum		
Naphthalene	2.3	S4UL	< 0.10	5.10	1/10	1/10
Acenaphthylene	170	S4UL	< 0.10	0.51	0/10	0/10
Acenaphthene	210	S4UL	< 0.10	3.00	0/10	0/10
Fluorene	170	S4UL	< 0.10	3.10	0/10	0/10
Phenanthrene	95	S4UL	0.44	30	0/10	0/10
Anthracene	2400	S4UL	< 0.10	8.80	0/10	0/10
Fluoranthene	280	S4UL	0.64	33	0/10	0/10
Pyrene	620	S4UL	0.70	32	0/10	0/10
Benzo(a)anthracene	7.2	S4UL	0.28	13	1/10	1/10
Chrysene	15	S4UL	0.43	14	0/10	0/10
Benzo(b)fluoranthene	2.6	S4UL	< 0.10	13	4/10	2/10
Benzo(k)fluoranthene	77	S4UL	< 0.10	5.40	0/10	0/10
Benzo(a)pyrene	2.2	S4UL	< 0.10	12	4/10	2/10
Indeno(123cd)pyrene	27	S4UL	< 0.10	7.10	0/10	0/10
Dibenzo(ah)anthracene	0.24	S4UL	< 0.10	2.00	7/10	1/10
Benzo(ghi)perylene	320	S4UL	< 0.10	7.10	0/10	0/10
Notes: <ul style="list-style-type: none"> <li>• A total of 10 samples were tested.</li> <li>• S4UL - Land Quality Management Chartered Institute of Environmental Health's "Suitable 4 Use Levels"</li> <li>• C4SL - DEFRA's "Provisional Category 4 Screening Level"</li> <li>• SGV - CLEA "Soil Guideline Values"</li> <li>• &lt; - Below Laboratory Detection Limit</li> </ul>						

**Notes:**

- A total of 10 samples were tested.
- < - Below Laboratory Detection Limit
- S4UL - Land Quality Management Chartered Institute of Environmental Health's "Suitable 4 Use Levels" based on 1% soil organic matter.

A summary of the speciated Petroleum Hydrocarbon results are given in **Table 5.3** below.

<b>Table 5.3 Summary of Soil Chemical Test Results Speciated Petroleum Hydrocarbons</b>						
Substance	Residential With gardens SGV/GAC/S4UL (mg/kg)	Source	Measured Concentrations of Tested Substances (mg/kg)		Number of Exceedances (Residential Guidelines with gardens)	Number of Exceedances (Residential Guidelines without gardens)
			Minimum	Maximum		
Aliphatic EC >5-6	42	S4UL	< 1.0	< 1.0	0/10	0/10
Aliphatic EC >6-8	100	S4UL	< 1.0	< 1.0	0/10	0/10
Aliphatic EC >8-10	27	S4UL	< 1.0	< 1.0	0/10	0/10
Aliphatic EC >10-12	130	S4UL	< 1.0	< 1.0	0/10	0/10
Aliphatic EC >12-16	1100	S4UL	< 1.0	< 1.0	0/10	0/10
Aliphatic EC >16-21	65000	-	< 1.0	< 1.0	-	-
Aliphatic EC >21-35	65000	-	< 1.0	77	-	-
Aliphatic EC >35-44	65000	S4UL	< 1.0	< 1.0	0/10	0/10
Aromatic EC >5-7	70	S4UL	< 1.0	< 1.0	0/10	0/10
Aromatic EC >7-8	130	S4UL	< 1.0	< 1.0	0/10	0/10
Aromatic EC >8-10	34	S4UL	< 1.0	< 1.0	0/10	0/10
Aromatic EC >10-12	74	S4UL	< 1.0	< 1.0	0/10	0/10
Aromatic EC >12-16	140	S4UL	< 1.0	< 1.0	0/10	0/10
Aromatic EC >16-21	260	S4UL	< 1.0	28	0/10	0/10
Aromatic EC >21-35	1100	S4UL	< 1.0	1200	1/10	0/10
Aromatic EC >35-44	1100	S4UL	< 1.0	< 1.0	0/10	0/10

Notes:

- A total of 10 samples were tested.
- < - Below Laboratory Detection Limit
- S4UL - Land Quality Management Chartered Institute of Environmental Health's "Suitable 4 Use Levels" based on 1% soil organic matter.

10 samples were tested for asbestos, only one sample tested positive. A summary of the Asbestos Identification and Asbestos Quantification results (If identified) are given in **Table 5.4** below.

<b>Table 5.4 Summary of Soil Chemical Test Results Asbestos</b>			
<b>Location</b>	<b>Depth</b>	<b>Analyst Comment</b>	<b>Asbestos Quantification</b>
WS02	1.5m	Amosite	<0.001% Total asbestos
Crocidolite = Blue Asbestos, Amosite = Brown Asbestos, Chrysotile = White Asbestos. Anthophyllite, Actinolite and Tremolite are other forms of Asbestos. Samples are analysed by using polarised light microscopy.			
NAD = No Asbestos Detected. Where a sample is NAD, the result is based on analysis of at least 2 sub-samples and should be taken to mean 'no asbestos detected in sample'.			

### 5.3 Leachate Assessment Methodology

Leachate results have been compared to thresholds for inland freshwater environments (annual average or maximum allowable concentration where annual average not available) provided by the 2015 UK Water Framework Directive (WFD).

### 5.4 Leachate Test Results

The leachate test results for the four samples are detailed in **Table 5.5** below.

<b>Table 5.5 Summary of Leachate Test Results Standard Suite</b>					
<b>Substance</b>	<b>Threshold (µg/l)</b>	<b>Source</b>	<b>Measured Concentration (µg/l)</b>		<b>Number of Exceedences</b>
			<b>Minimum</b>	<b>Maximum</b>	
Arsenic (Dissolved)	0.05	WFD	<1.00	1.00	0/3
Cadmium (Dissolved)	0.08	WFD	<0.08	0.12	1/3
Chromium (Dissolved)	4.70	WFD	<1.00	5.40	1/3
Copper (Dissolved)	1.00	WFD	1.5	2.4	3/3
Lead (Dissolved)	1.2	WFD	<1.00	5.8	1/3
Mercury Low Level	0.07	WFD	<0.01	<0.01	0/3
Nickel (Dissolved)	4.00	WFD	<1.00	7.10	1/3
Selenium (Dissolved)	10.00	DWD	<1.00	1.30	0/3
Zinc (Dissolved)	10.90	WFD	8.90	110	2/3
Cyanide (Total)	1.00	WFD	<0.05	<0.05	0/3
pH	-	-	7.7	8.1	-
Sulphate	250000	WFD	28000	250000	0/3
Phenol	7.70	WFD	<5.00	<5.00	0/3
Notes:					
<ul style="list-style-type: none"> <li>• WFD - Water Framework Directive (inland surface waters, annual average)</li> <li>• LoD - laboratory limit of detection used as a suggested target concentration in lieu of WFD guidance</li> <li>• Units are mg/l (milligram per litre) unless otherwise indicated</li> <li>• DWD – Drinking Water Directive</li> <li>• 3 samples tested</li> </ul>					



## 5.5 Groundwater Assessment Methodology

The laboratory test results from site investigation are compared to the following regulatory thresholds:

- Water Framework Directive (WFD) 2015 thresholds for inland freshwater environments (annual average or maximum allowable concentration where annual average not available). Please note the threshold for zinc takes into account the background concentration for the River Taff.
- The World Health Organisation (WHO) Drinking Water Standards have been applied where there are no existing Water Framework Directive or UK Standard guidelines are available
- UK Dangerous Substance Directive (DSD) thresholds were used for ethylbenzene and xylenes in the absence of WFD guidelines.

## 5.6 Groundwater Test Results

Groundwater test results are detailed in **Table 5.6** below.

<b>Table 5.6 Summary of Groundwater Chemical Test Results</b>					
Substance	Threshold (ug/l)	Source	Measured Concentrations of Tested Substances (µg/l)		Number of Exceedances
			Minimum	Maximum	
Arsenic	50	WFD	<1.0	8.8	0/6
Cadmium	0.15 <sup>+</sup>	WFD	<0.08	<0.08	BLDL
Chromium (dissolved)	4.7	WFD	<1.0	12	3/6
Chromium III	4.7	WFD	<20	<20	BLDL
Chromium VI	3.4	WFD	<20	<20	BLDL
Copper	1.0	WFD	<1.0	3.6	4/6
Lead	1.2	WFD	<1.0	1.2	0/6
Mercury	0.07	WFD	<0.01	<0.01	BLDL
Nickel	4.0	WFD	<1.0	2.2	0/6
Selenium	10	WFD	1.1	5.7	0/6
Zinc	13.9	WFD	<1.0	7.7	0/6
Cyanide	1.0	WFD	<50	<50	BLDL
Total Phenol	7.7	WFD	0.10	0.18	0/6
Naphthalene	2	WFD	<0.01	<0.01	BLDL
Acenaphthylene	-	-	<0.01	<0.01	-
Acenaphthene	-	-	<0.01	<0.01	-
Fluorene	-	-	<0.01	<0.01	-
Phenanthrene	-	-	<0.01	<0.01	-
Anthracene	0.1	WFD	<0.01	<0.01	BLDL
Fluoranthene	0.0063	WFD	<0.01	<0.01	BLDL
Pyrene	-	-	<0.01	<0.01	-
Benzo(a)anthracene	-	-	<0.01	<0.01	-
Chrysene	-	-	<0.01	<0.01	-
Benzo(b)fluoranthene	0.017	WFD	<0.01	<0.01	BLDL
Benzo(k)fluoranthene	0.017	WFD	<0.01	<0.01	BLDL
Benzo(a)pyrene	0.00017	WFD	<0.01	<0.01	BLDL
Indeno(123cd)pyrene	-	-	<0.01	<0.01	-
Dibenzo(ah)anthracene	-	-	<0.01	<0.01	-
Benzo(ghi)perylene	0.0082	WFD	<0.01	<0.01	BLDL

**Table 5.6 Summary of Groundwater Chemical Test Results (Continued)**

Substance	Threshold (ug/l)	Source	Measured Concentrations of Tested Substances (µg/l)		Number of Exceedances
			Minimum	Maximum	
PH C5 – C6 Ali	15000	WHO	<0.1	<0.1	BLDL
PH C6 – C8 Ali	15000	WHO	<0.1	<0.1	BLDL
PH C8 – C10 Ali	300	WHO	<0.1	<0.1	BLDL
PH C10 – C12 Ali	300	WHO	<0.1	<0.1	BLDL
PH C12 – C16 Ali	300	WHO	<0.1	<0.1	BLDL
PH C16 – C21 Ali	-	-	<0.1	<0.1	BLDL
PH C21 – C35 Ali	-	-	<0.1	<0.1	BLDL
PH C5 – C7 Arom	10	WHO	<0.1	<0.1	BLDL
PH C7 – C8 Arom	700	WHO	<0.1	<0.1	BLDL
PH C8 – C10 Arom	300	WHO	<0.1	<0.1	BLDL
PH C10 – C12 Arom	90	WHO	<0.1	<0.1	BLDL
PH C12 – C16 Arom	90	WHO	<0.1	<0.1	BLDL
PH C16 – C21 Arom	90	WHO	<0.1	<0.1	BLDL
PH C21 – 35 Arom	90	WHO	<0.1	<0.1	BLDL
Total TPH*	10**	WHO	<10	<10	BLDL

**Notes:**

- + Threshold based on hardness of >100mg CaCO<sub>3</sub>/l
- ++ Threshold for CrVI
- \*\* Threshold for PH Aromatic C5- C7 applied (most stringent)
- BLDL – Below Laboratory Detection Limit

## SECTION 6 Quantitative Risk Assessment

### 6.1 Contaminants of Concern

All sample contained one or number of contaminants which were above the residential with plant uptake threshold. The contaminants of concern are highlighted in **Table 6.1** below:

Table 6.1 Summary of Contaminants of Concern					
Location	Depth (m)	Contaminant	Concentration (mg/kg)	Threshold (mg/kg)	Comment
CP01	1.00	Chromium (trivalent)	16	11	Made ground
CP01	2.50	Arsenic Lead, Chromium (trivalent), Naphthalene, Benzo[b]fluoranthene, Benzo[a]pyrene, Dibenz(a,h)Anthracene	43 570 27 5.1 3.2 3.1 0.91	37 200 11 2.3 2.6 2.2 0.24	Made ground
CP02	3.00	Cyanide Arsenic Lead Chromium (Trivalent) Dibenz(a,h)Anthracene	38 53 2200 240 0.50	8 37 200 11 0.24	Made ground
CP02	4.50	Cyanide Lead Chromium (Trivalent)	18 660 62	8 200 11	In-situ deposits just below made ground
CP03	2.00	Arsenic Beryllium Lead Chromium (Trivalent) Dibenz(a,h)Anthracene	38 1.8 1200 58 0.28	37 1.7 200 11 0.24	Made ground
WS01	3.00	Lead Chromium (Trivalent)	62 23	200 11	Made ground
WS02	0.50	Chromium (Trivalent) Benzo[b]fluoranthene Benzo[a]pyrene Dibenz(a,h)Anthracene	23 3.3 3.2 0.77	11 2.6 2.2 0.24	Made ground
WS02	1.50	Chromium (Trivalent) Benzo[b]fluoranthene Benzo[a]pyrene Dibenz(a,h)Anthracene	15 6.6 4.5 0.89	11 2.6 2.2 0.24	Made ground
WS03	0.30	Lead Chromium (Trivalent) Aromatic TPH >C21-C35 Pyrene Benzo[b]fluoranthene Benzo[a]pyrene Dibenz(a,h)Anthracene	500 47 1200 13 13 12 2.0	200 11 1100 7.2 2.6 2.2 0.24	Made ground
WS04	1.80	Beryllium Lead Chromium (Trivalent) Dibenz(a,h)Anthracene	1.8 280 22 0.71	1.7 200 11 0.24	Made ground

All samples contained one or number of leachable contaminants which were above the guidelines. The contaminants of concern are highlighted in **Table 6.2** below:

<b>Table 6.2 Summary of Leachable Contaminants of Concern</b>					
Location	Depth (m)	Contaminant	Concentration (µg/l)	Threshold (µg/l)	Comment
CP01	2.50	Copper (Dissolved)	1.5	1.0	Made ground
CP02	3.00	Copper (Dissolved)	1.9	1.0	Made ground
		Zinc (Dissolved)	110	10.9	
		Cadmium (Dissolved)	0.12	0.08	
		Lead (Dissolved)	5.8	1.2	
		Nickle (Dissolved)	7.1	4.0	
CP03	2.00	Copper (Dissolved)	2.5	1.0	Made ground
		Zinc (Dissolved)	21	10.9	
		Chromium (Dissolved)	5.4	4.7	

All samples contained one or number of leachable contaminants which were above the guidelines. The contaminants of concern are highlighted in Table 6.2 below:

<b>Table 6.3 Summary of Groundwater Contaminants of Concern</b>				
Location	Contaminant	Concentration (µg/l)	Threshold (µg/l)	Comment
CP01	Copper (Dissolved)	3.6 & 2.0	1.0	Made ground
	Chromium (Dissolved)	12.0	4.7	
CP02	Copper (Dissolved)	3.6	1.0	Made ground
	Chromium (Dissolved)	9.7	4.7	
CP03	Copper (Dissolved)	2.0	1.0	Made ground
	Chromium (Dissolved)	5.1	4.7	

## 6.2 Potential Receptors and Pathways

### 6.2.1 Human Receptors

As stated in **Section 6.1** contamination was found in all of the of samples with respect to arsenic, lead, Chromium (trivalent), Naphthalene, Benzo[b]fluoranthene, Benzo[a]pyrene, Dibenz(a,h)Anthracene, Aromatic TPH >C21-C35, Pyrene and Cyanide. Therefore, it is considered that there is a risk to human receptors at the site in the areas of contamination. Measure to deal with this contamination is discussed in detail in **Section 6.3**.

Neighbouring site users and passers-by are potentially at risk from exposure to soil dust and asbestos fibres both during and following construction.

Upon development site use will have changed and the primary human receptors to contamination in site soils will be residents of the new housing and visitors, as well as any maintenance contractors (e.g. gardeners, utility technicians). All future site users could be exposed to contaminants through dermal contact, ingestion and inhalation of soil/soil dust, or the inhalation of asbestos fibres. Future site residents (any their visitors) may similarly be at risk from consumption of vegetables/fruit grown in contaminated soils and through ingestion of potable water distributed on site through plastic pipes.

### 6.2.2 Aquatic Environment

The superficial deposits beneath the site has an aquifer designation of 'Secondary B' and the underlying bedrock has an aquifer designation of 'Secondary Undifferentiated'.

The site does not situate within a groundwater source protection zone and the nearest There are no groundwater abstraction points within 250m of the site.

## 6.2.2 Aquatic Environment (Continued)

Copper and Chromium (dissolved) were identified in groundwater at levels above their respective threshold level and lead was found at the threshold.

There is correlation between contamination in soils and contamination identified in groundwater. There were elevated levels of Lead, Copper and Chromium within the leachate results.

This suggests that the layer of alluvium between the made ground and underlying groundwater in the fluvio-glacial gravels is acting as a partial aquiclude only.

The River Taff is nearest surface water feature and is located on the eastern boundary of the site. The River Taff is identified as a potential receptor to groundwater within the fluvio-glacial gravels and bedrock. The river is located on the eastern boundary of the site.

The site is therefore a risk to controlled waters.

## 6.3 Mitigation and Remedial Measures

### 6.3.1 Human Health

Remedial measures will be required with regards to site soils which have been found to contain elevated levels of arsenic, lead, Chromium (trivalent), Naphthalene, Benzo[b]fluoranthene, Benzo[a]pyrene, Dibenz(a,h)Anthracene, Aromatic TPH >C21-C35, Pyrene, Cyanide and Amosite asbestos. The affected soils are the Made Ground and in-situ materials just below the made ground that is present over of the whole site.

As stated in **Section 6.1** contamination in all samples, it is considered that there is a risk to human receptors at the site in the areas of contamination. Due to the level and depth of the contamination at the site it is likely to be a continued risk to end users.

Capping will therefore be required in landscaped and garden areas. The capping is to consist of the proposed buildings, hard standing and in garden and landscaped areas 600mm of suitable clean imported subsoil/topsoil material. This material should ideally conform to the requirements of BS: 3882.

At the base of the capping layer, a double no dig barrier should be placed to provide a barrier between the clean imported soils and contaminated made ground soils. The double no dig barrier should consist of a hi-visibility geotextile with a structural geo grid positioned on top of the geotextile.

Any imported soils should be tested at source to confirm that the soils are clean and suitable for use. The soils should also be tested in-situ whilst confirming the capping thickness and presence of the no dig barrier.

The remainder of the site will be capped by buildings and hard standings.

As good practise, construction workers should adhere to good site management, COSHH, good standards of hygiene and appropriate health & safety on site, with personal protection equipment (PPE) and dust suppression where appropriate.

Neighbouring site occupants and passers-by can be protected by site screening and dust suppression measures if necessary.

Any imported soils should be tested and validated as suitable prior to use in accordance with 'Requirements for the Chemical Testing of Imported Materials for Various End Uses

### 6.3.1 Human Health (Continued)

and Validation Cover Systems' published by the Welsh Contaminated Land Working Group. If during development works any unexpected ground conditions or evidence of additional contamination is found, inspection by a geo-environmental engineer should be made, and any required testing or investigation carried out prior to continuation of works.

For proposed new water supply pipes, the UK Water Industry Research publication 'Guidance for the Selection of Water Supply Pipes to be used in Brownfield Sites (Report 10/WM/03/21)' should be consulted.

### 6.3.2 Aquatic Environment

Copper and Chromium (dissolved) have been found above respective guideline values as described above. Defra guidance (Environmental Protection Act 1990: Part 2A) "seeks to identify and deal with significant pollution (rather than lesser levels of pollution), the local authority should seek to focus on pollution which: (i) may be harmful to human health or the quality of aquatic ecosystems or terrestrial ecosystems directly depending on aquatic ecosystems; (ii) which may result in damage to material property; or (iii) which may impair or interfere with amenities and other legitimate uses of the environment."

Part 2A also defines that the following types of pollution (Points 1 to 4) should be considered to constitute significant pollution of controlled waters:

1. Pollution equivalent to "environmental damage" to surface water or groundwater as defined by The Environmental Damage (Prevention and Remediation) Regulations 2009, but which cannot be dealt with under those Regulations.

The contamination identified in the waters on the site are highly unlikely to equate to environmental damage. Envirocheck data indicates that no Sensitive Land Uses are present near the site. The closest sensitive land use is the Cardiff Bay Wetlands and Hamadryad Park, a local nature reserve, located 163m northeast, on the east bank of the River Taff. In addition, the Cardiff Bay Wetlands and Hamadryad Park is located up stream of the site. Due to the distance from the site of this location there is unlikely to be any imminent threat of damage to protected species, habitats, surface/ground water and land.

2. Inputs resulting in deterioration of the quality of water abstracted, or intended to be used in the future, for human consumption such that additional treatment would be required to enable that use.

There are no groundwater abstraction points within 250m of the site. Given that the groundwater beneath the site has a aquifer designation of Secondary B and Secondary Undifferentiated it is considered that future abstractions would be very unlikely.

3. A breach of a statutory surface water Environment Quality Standard, either directly or via a groundwater pathway.

The guideline values for waters are very low and in reality are difficult to achieve. It is highly unlikely that impacted waters on the site would produce exceedances in the adjacent surface water bodies as given the concentrations encountered on site are moderate and inconsistent across the site. The impact of any contamination would be rendered insignificant given the massive dilution upon reaching the River Taff.

4. Input of a substance into groundwater resulting in a significant and sustained upward trend in concentration of contaminants (as defined in Article 2(3) of the Groundwater Daughter Directive (2006/118/EC)5).

---

### 6.3.2 Aquatic Environment (Continued)

The contaminants of concern within the water are copper and Chromium (dissolved). These have most likely leached out the made ground beneath the site relating to the Marl landfill. Envirocheck data states the last input at the landfill to be 31<sup>st</sup> December 1945. As activity relating to the source of the contaminated has ceased for a considerable amount of time, there should not be a sustained upward trend in the concentration of contamination in the groundwater.

For the above reasons it is considered that the site falls into the 'lesser level of pollution and that the risk to the aquatic environment from waters and soils under the site is low.

During the construction period, there is a risk to the environment/adjacent sites from de-watering, digging foundations, moving contaminated soil, drainage misconceptions, discharges to local surface waters or the ground, runoff from construction materials and/or exposed ground, wheel washings and oil or chemical spills.

The risk is considered to be negligible as any adverse effects will be easily preventable by due diligence to good construction practise and housekeeping in preventing surface runoff and the spillage of materials.

The basic measures that should be taken are as follows:

- Prepare a drainage plan and mark the manholes to prevent pollutants accidentally reaching the surface water sewers;
- Carry out any activities that could cause pollution in a designated, bunded area, away from rivers or foundation excavations. Where possible it should drain to the foul sewer;
- Use settlement ponds to remove silty water;
- Store all oils and chemicals in a fully bunded area to prevent leaks or spills;
- Get advice on whether you need an environmental permit and apply in good time

During the construction phase care should be taken to minimise the amount of additional water allowed to infiltrate into the river gravels. Any perched groundwater pumped from excavations should be disposed of in a suitably manor.

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## SECTION 7 Gas Monitoring

### 7.1 Installations

Four shallow gas monitoring wells were installed in WS01, WS02, WS03 and WS04. Three deep gas monitoring wells were installed in CP01, CP02 and CP03. The installation details are shown on the relevant log.

Six rounds of gas monitoring are to be carried out post investigation. The installations were tested for carbon dioxide, methane, oxygen and hydrogen sulphide using a Gas Analyser GA2000.

At the time of writing this report only two round of gas monitoring has been completed, an updated letter report will be issued after the six rounds of monitoring have been completed.

Methane was only detected in CP01, levels varied between 0.00% and 10.4% V/V . Carbon dioxide levels varied between 0.5% and 5.0% V/V. Oxygen concentrations varied between 14.2% and 20.7% V/V.

The gas flow rate from the boreholes was also assessed. A flow rate of 0.8 l/hr was detected in CP01, no other flow rate was detected.

Based on the detection limit of the gas analyzer, due to no recorded flow rate, a flow rate of 0.8 l/hr and the highest recorded methane concentration of 10.4%, a gas screening value of 0.083 l/hr is calculated, as follows:

$$(10.4/100) \times 0.8 = 0.083 \text{ l/hr}$$

When this result is compared with Table 8.5 of CIRIA report C665, the site is classified as 'Gas Characteristic Situation 2' (CS2), which require no gas protection measures. When all rounds of gas monitoring are completed, an updated recommendation will be provided with the updated results.



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## **SECTION 8 Engineering Recommendation**

### **8.1 Preparation of Site**

Prior to works commencing a full asbestos survey of all buildings to be demolished should be carried out. All deleterious materials should then be removed to a licensed waste facility prior to demolition.

The houses should then be demolished including all foundations and removed from site.

All trees and scrub vegetation including all roots should be stripped and removed from beneath the proposed buildings and areas of hard standing. Any hard standings and buried obstructions should also be excavated and removed.

Contingencies should be made for the protection/diversion any underground/overhead services present beneath/above the site brought about as a result of the proposed works.

Allowances should also be made for the excavation of any soft spots/areas and their replacement with well compacted imported granular materials as previously described.

Any reduced levels should be brought up to the required levels with suitable inert mainly granular materials. Department of Transport (Dtp) type 2 sub base or similar should be used and should be compacted in layers to the requirements of the Specification for Highway works.

In accordance with EC Regulation 1272/2008 and Environment Agency Guidance WM3 soils and other materials destined for off-site disposal should be classified on the basis of their hazard phrases prior to disposal. Soils are classified as a mirror entry waste and should be classified on the basis of their specific chemical properties. Terra Firma (Wales) Ltd offer this service if required.

### **8.2 Foundation and Floor Slab Solution**

The proposed new development will comprise a mixture of 15, 12 and 9 story high rise flats, terrace houses and independent living.

Due to the anticipated high loads, piled foundations set within the underlying Mercia Mudstone bedrock are recommended. Given the density of the fluvio-glacial gravels, likelihood for buried obstructions and proximity to existing developments, roads and services continuous flight auger (CFA) piles are recommended.

Based on experience and back analysis in the Mercia Mudstone, Chandler and Davis (Ref. 1) have published bearing pressure at failures for test piles in weathered (Zone II), hard (Zone I) and weathered (Zone II/III).

The Mercia Mudstone encountered was predominantly Zone II/III and based upon the above research an Ultimate End Bearing Pressure of 3.0MN/m<sup>2</sup> has been taken.

For a 700mm diameter bored pile this would give an Ultimate End Bearing Resistance of 1160kN.

Chandler and Davis (Ref 1) have also published data for values of ultimate skin friction on pile shaft for Zone I to Zone III Mercia Mudstone. As the mudstone is predominately Zone II/III a figure of 225kN/m<sup>2</sup> has been taken for design purposes. Therefore, for a 26m long, 750mm diameter bored pile with an embedment length of 8m in the Mercia Mudstone An ultimate skin friction value of 3960kN has been calculated.

---

### **8.2 Foundation and Floor Slab Solution (Continued)**

Combining skin friction and end bearing and allowing a factor of safety of 2.5 would give an allowable working loads for a 28m long 0.7m diameter pile of 2048kN/m<sup>2</sup>.

The above estimated working loads do not take into account any beneficial skin friction resistance that may be gained from the superficial deposits.

It should also be noted that if a 'soft' band of mudstone is encountered at termination depth then the depth of pile should be increased until a competent layer is reached.

The above estimated working loads, type and length of piles are provided for guidance only and should be confirmed by a specialist piling contractor. It may also be prudent to drive a number of test piles at selected locations.

Due to the presence of the buried channel in the south of the site pile lengths quoted are likely to vary with the channel.

Due to the risk from buried structures encountered allowances should be made re-boring piles.

The floor slabs should be designed as suspended.

For insignificant structures not intended for human habitation lightweight raft type foundation floor slabs founded upon a minimum of 300mm of well compacted imported inert granular materials may be used. A maximum bearing pressure of 30kN/m<sup>2</sup> may be used for such structures.

If trees are to be incorporated within the proposed development foundations may need to be taken deeper within influencing distance of the tree root systems. The National House Building Council (NHBC) Chapter 4.2 gives guidelines as to the appropriate type of floor slab and void based on the type of tree, distance of the foundation from the tree and the plasticity index of the in-situ materials.

During the investigation three samples of the in-situ materials was taken and submitted for plasticity testing (**Annex E**). In line with the NHBC (Chapter 4.2), the modified plasticity index for the sample was calculated.

<b>Table 8.1 Plasticity Test Results</b>					
<b>Sample</b>	<b>Depth (m)</b>	<b>Soil Type</b>	<b>Plasticity Index (%)</b>	<b>Modified Plasticity Index (%)</b>	<b>Volume Change Potential</b>
CP01	4.80	Grey silty CLAY	29	29	Medium
CP02	4.50	Grey silty CLAY	29	29	Medium
CP03	4.00	Grey silty CLAY	28	28	Medium

Geotechnical testing revealed that samples tested had a medium volume change potential.

Due to a Medium volume change potential the minimum depth of foundations should be 0.90m below ground level.

All foundation formations should be inspected by a suitably qualified Engineer before being concreted.

## **8.2 Foundation and Floor Slab Solution (Continued)**

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*Ref 1 CHANDLER, R.J. and DAVIS, A.G. Further work on the engineering properties of Keuper Marl (Mercia Mudstone) Construction Industry Research and Information Association, Research Report No 47, London 1973*

### **8.3 Excavations and Formations**

Shallow excavations will be possible with normal soil excavating machinery. However, allowances should be made for potential obstructions with the made ground. No obstructions were found during the investigation but made ground is usually variable in its make up

Shallow perched water and groundwater flows were not encountered. Any water inflows that are encountered, together with rainwater infiltration should be dealt with by conventional pumping techniques. However it should be noted that during times of heavy rainfall a higher water table will be encountered.

The sides of any excavations deeper than 1.20m, or shallower if unstable, should be supported by planking and strutting or other proprietary means.

The sub-formations/formations are likely to be susceptible to loosening, softening and deterioration by exposure to weather (rain, frost and drying conditions), the action of water (flood water or removal of groundwater) and site traffic.

Formations should never be left unprotected and continuously exposed to rain causing degradation, or left exposed/uncovered overnight, unless permitted by a qualified engineer.

Construction plant and other vehicular traffic should not be operated on unprotected formations.

As a minimum the formation/excavation surfaces must be protected by blinding concrete immediately after exposure.

Allowances should be made for the removal of soft spots/areas and their replacement with well compacted granular materials.

Allowances should also be made for special precautions to prevent formation deterioration in addition to the above.

### **8.4 Protection of Buried Concrete**

In general levels of total sulphate percentage within the in-situ materials varied between 0.065 to 0.52% and the pH varied between 2.5 and 10.9.

When the results are compared with Table C2 of BRE Digest 1:2005, it indicates that buried concrete should most likely as a minimum conform to Class DS-2 AC-z.

**ANNEX A**  
**Envirocheck Report**

## Envirocheck<sup>®</sup> Report:

### Datasheet

#### Order Details:

**Order Number:**

240915480\_1\_1

**Customer Reference:**

16017 Channel View

**National Grid Reference:**

318010, 174030

**Slice:**

A

**Site Area (Ha):**

6.01

**Search Buffer (m):**

1000

#### Site Details:

, 125, Channel View Road

Cardiff

CF11 7HX

#### Client Details:

Mr J Alderman

Terra Firma (Wales) Ltd

5 Deryn Court

Wharfdale Road

Pentwyn

Cardiff

CF23 7HB

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#### Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination. For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/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 this 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 v53.0

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 1		15	9	56
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices	pg 21				1
Integrated Pollution Controls	pg 21				6
Integrated Pollution Prevention And Control	pg 22				3
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 23		1		12
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 24		Yes		
Pollution Incidents to Controlled Waters	pg 25		1		4
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 25				1
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 26		1		1
Water Abstractions	pg 26			2	3 (*20)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 32	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 33	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 33	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 33	Yes	Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 38	Yes	Yes	n/a	n/a
Areas Benefiting from Flood Defences	pg 40	Yes	Yes	n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 41		1	17	23

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Waste</b>					
BGS Recorded Landfill Sites	pg 46			2	1
Historical Landfill Sites	pg 46	1	4	7	9
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 50		1	1	
Licensed Waste Management Facilities (Locations)	pg 51			2	10
Local Authority Landfill Coverage		1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 53		3	1	1
Potentially Infilled Land (Water)	pg 54	1	10	11	73
Registered Landfill Sites	pg 59		2	6	1
Registered Waste Transfer Sites	pg 62		1	4	6
Registered Waste Treatment or Disposal Sites	pg 66		1	2	1
<b>Hazardous Substances</b>					
Control of Major Accident Hazards Sites (COMAH)	pg 68			1	1
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)	pg 68				1
Planning Hazardous Substance Consents	pg 68			4	3
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 70	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 70	Yes			
BGS Recorded Mineral Sites	pg 70			1	1
BGS Urban Soil Chemistry	pg 70		Yes		Yes
BGS Urban Soil Chemistry Averages	pg 72	Yes			
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			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				n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 72	Yes		n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 72	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 72	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 73	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 74		5	10	159
Fuel Station Entries	pg 88			1	4
Points of Interest - Commercial Services	pg 89		4	5	43
Points of Interest - Education and Health	pg 93				1
Points of Interest - Manufacturing and Production	pg 93			8	54
Points of Interest - Public Infrastructure	pg 98		1	5	29
Points of Interest - Recreational and Environmental	pg 101		5		6
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Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<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	pg 103		1	1	
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	A13SE (E)	0	1	318100 174028
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (N)	0	1	318050 174150
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (NE)	0	1	318014 174028
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	8	1	318100 174150
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (S)	66	1	318100 173800
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NE (S)	216	1	318100 173650
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	252	1	317650 174000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	266	1	318100 173600
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	273	1	317600 174028
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	310	1	318200 174500
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (SW)	335	1	317650 173700
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (NE)	342	1	318400 174350
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	360	1	318000 173500
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NE (S)	410	1	318014 173450
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NE (SW)	432	1	317600 173600
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NE (SW)	473	1	317550 173600
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	488	1	317400 174000
1	<b>Discharge Consents</b> Operator: Technical Director Property Type: Construction & Repair Of Buildings Location: The Sandwharf Jim Driscoll Way, Grangetown, Cardiff Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: An0323201 Permit Version: 1 Effective Date: 25th April 2002 Issued Date: 25th April 2002 Revocation Date: 10th February 2005 Discharge Type: Trade Discharges - Site Drainage Discharge Environment: Freshwater Stream/River Receiving Water: The River Taff <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	A13NE (NE)	48	2	318150 174140

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	<p><b>Discharge Consents</b></p> <p>Operator: Barratt South Wales Ltd  Property Type: General Construction Work  Location: The Sandwharf Jim Driscoll Way, Grangetown, Cardiff  Authority: Natural Resources Wales  Catchment Area: Not Supplied  Reference: An0313001  Permit Version: 1  Effective Date: 6th December 2001  Issued Date: 6th December 2001  Revocation Date: 2nd May 2002  Discharge Type: Trade Discharges - Site Drainage  Discharge: Freshwater Stream/River  Environment:  Receiving Water: River Taff  <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>	A13NE (NE)	59	2	318150 174200
2	<p><b>Discharge Consents</b></p> <p>Operator: Barratt South Wales Ltd  Property Type: Construction &amp; Repair Of Buildings  Location: The Sandwharf Jim Driscoll Way, Grangetown, Cardiff  Authority: Natural Resources Wales  Catchment Area: Not Supplied  Reference: An0313001  Permit Version: 2  Effective Date: 3rd May 2002  Issued Date: 2nd May 2002  Revocation Date: 4th October 2006  Discharge Type: Trade Discharges - Site Drainage  Discharge: Lake/Reservoir - with outlet  Environment:  Receiving Water: River Taff  <b>Status:</b> <b>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>	A13NE (NE)	94	2	318180 174230
3	<p><b>Discharge Consents</b></p> <p>Operator: Bass Taverns Plc  Property Type: Public Houses &amp; Bars  Location: The Red House Ferry Road Grangetown, Ferry Road Grangetown Cardiff  Authority: Natural Resources Wales  Catchment Area: TAFF - CONF RHONDDA R TO CASTLE STREET  Reference: Af4019601  Permit Version: 1  Effective Date: 28th September 1976  Issued Date: 28th September 1976  Revocation Date: Not Supplied  Discharge Type: Not Supplied  Discharge: Lake/Reservoir - with outlet  Environment:  Receiving Water: River Taff  <b>Status:</b> <b>Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A13SW (SW)	77	2	317894 173802
4	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Not Supplied  Location: Cardiff Grangetown The Marl  Authority: Natural Resources Wales  Catchment Area: TAFF - CONF RHONDDA R TO CASTLE STREET  Reference: Af3018201  Permit Version: 1  Effective Date: 6th April 1970  Issued Date: 6th April 1970  Revocation Date: Not Supplied  Discharge Type: Trade Discharges - Site Drainage  Discharge: Lake/Reservoir - with outlet  Environment:  Receiving Water: Taff  <b>Status:</b> <b>Surrendered</b>  Positional Accuracy: Located by supplier to within 10m</p>	A13NE (NE)	100	2	318160 174280

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Not Supplied  Location: Cardiff Grangetown The Marl  Authority: Natural Resources Wales  Catchment Area: TAFF - CONF RHONDDA R TO CASTLE STREET  Reference: AF3018201  Permit Version: 1  Effective Date: 6th April 1970  Issued Date: 6th April 1970  Revocation Date: Not Supplied  Discharge Type: Trade Discharges - Site Drainage  Discharge: Lake/Reservoir - with outlet  Environment:  Receiving Water: Taff  <b>Status: Surrendered</b>  Positional Accuracy: Located by supplier to within 100m</p>	A13NE (NE)	100	2	318160 174280
4	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Pumping Staions  Location: Grangetown Sps, The Marl Playing Fields, Jim Driscoll Way, Grangetown, Cardiff, Cf11 7hb  Authority: Natural Resources Wales  Catchment Area: TAFF - CONF RHONDDA R TO CASTLE STREET  Reference: An0028601  Permit Version: 5  Effective Date: 17th December 2019  Issued Date: 17th December 2019  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Lake/Reservoir - with outlet  Environment:  Receiving Water: Cardiff Bay  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A13NE (NE)	108	2	318170 174280
4	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Pumping Staions  Location: Grangetown Sps, The Marl Playing Fields, Jim Driscoll Way, Grangetown, Cardiff, Cf11 7hb  Authority: Natural Resources Wales  Catchment Area: TAFF - CONF RHONDDA R TO CASTLE STREET  Reference: An0028601  Permit Version: 5  Effective Date: 17th December 2019  Issued Date: 17th December 2019  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Pumping Station - Water Company  Discharge: Lake/Reservoir - with outlet  Environment:  Receiving Water: Cardiff Bay  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A13NE (NE)	108	2	318170 174280
4	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Pumping Staions  Location: Sps At The Marl Playing Fields Gran, Grangetown, Cardiff, Cardiff Cbc  Authority: Natural Resources Wales  Catchment Area: TAFF - CONF RHONDDA R TO CASTLE STREET  Reference: An0028601  Permit Version: 4  Effective Date: 1st October 1997  Issued Date: 12th August 1996  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Pumping Station - Water Company  Discharge: Lake/Reservoir - with outlet  Environment:  Receiving Water: Cardiff Bay  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A13NE (NE)	108	2	318170 174280

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Pumping Staions  Location: Sps At The Marl Playing Fields Gran, Grangetown, Cardiff, Cardiff Cbc  Authority: Natural Resources Wales  Catchment Area: TAFF - CONF RHONDDA R TO CASTLE STREET  Reference: An0028601  Permit Version: 4  Effective Date: 1st October 1997  Issued Date: 12th August 1996  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Pumping Station - Water Company  Discharge: Lake/Reservoir - with outlet  Environment:  Receiving Water: Cardiff Bay  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A13NE (NE)	108	2	318170 174280
4	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Pumping Station - Water Company  Location: Sps At The Marl Playing Fields Gran, Grangetown, Cardiff, Cardiff Cbc  Authority: Natural Resources Wales  Catchment Area: River Taff  Reference: An0028601  Permit Version: 3  Effective Date: 1st April 1997  Issued Date: 9th October 1995  Revocation Date: 30th September 1997  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Cardiff Bay  <b>Status: Authorisation revoked</b>  Positional Accuracy: Located by supplier to within 10m</p>	A13NE (NE)	108	2	318170 174280
4	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Pumping Station - Water Company  Location: Sps At The Marl Playing Fields Gran, Grangetown, Cardiff, Cardiff Cbc  Authority: Natural Resources Wales  Catchment Area: River Taff  Reference: AN0028601  Permit Version: 2  Effective Date: 13th January 1993  Issued Date: 13th October 1992  Revocation Date: 31st March 1997  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Cardiff Bay  <b>Status: Authorisation revoked</b>  Positional Accuracy: Located by supplier to within 100m</p>	A13NE (NE)	115	2	318180 174280
4	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Pumping Station - Water Company  Location: Sps At The Marl Playing Fields Gran, Grangetown, Cardiff, Cardiff Cbc  Authority: Natural Resources Wales  Catchment Area: River Taff  Reference: An0028601  Permit Version: 1  Effective Date: 20th November 1987  Issued Date: 20th November 1987  Revocation Date: 12th January 1993  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Cardiff Bay  <b>Status: Authorisation revoked</b>  Positional Accuracy: Located by supplier to within 10m</p>	A13NE (NE)	115	2	318180 174280

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	<p><b>Discharge Consents</b></p> <p>Operator: Evans H M  Property Type: Undefined Or Other  Location: Not Supplied  Authority: Natural Resources Wales  Catchment Area: River Taff  Reference: An0214301  Permit Version: 2  Effective Date: 17th May 1990  Issued Date: 17th May 1990  Revocation Date: 16th January 1995  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Taff Estuary  <b>Status: Consent expired</b>  Positional Accuracy: Located by supplier to within 10m</p>	A13SE (SE)	139	2	318190 173750
5	<p><b>Discharge Consents</b></p> <p>Operator: Evans H M  Property Type: Undefined Or Other  Location: Not Supplied  Authority: Natural Resources Wales  Catchment Area: River Taff  Reference: An0214301  Permit Version: 1  Effective Date: 1st January 1901  Issued Date: 1st January 1901  Revocation Date: 16th May 1990  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Taff Estuary  <b>Status: Authorisation revoked</b>  Positional Accuracy: Located by supplier to within 10m</p>	A13SE (SE)	139	2	318190 173750
6	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: Amherst Street/Ferry Sso Cardiff, Amherst Street/Ferry, Cardiff Cbc  Authority: Natural Resources Wales  Catchment Area: River Taff  Reference: An0087101  Permit Version: 2  Effective Date: 31st March 2006  Issued Date: 18th March 2005  Revocation Date: 31st December 2005  Discharge Type: Public Sewage: Storm Sewage Overflow  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Taff  <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>	A18SW (N)	268	2	317960 174450
6	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: Amherst Street/Ferry Sso Cardiff, Amherst Street/Ferry, Cardiff Cbc  Authority: Natural Resources Wales  Catchment Area: River Taff  Reference: AN0087101  Permit Version: 1  Effective Date: 20th October 1989  Issued Date: 20th October 1989  Revocation Date: 30th March 2006  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Taff  <b>Status: New Consent, by Application (Water Resources Act 1991, Section 88)</b>  Positional Accuracy: Located by supplier to within 100m</p>	A18SW (N)	268	2	317960 174450

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: The Hamadryad Outfall Clarence Emba, Clarence Embankment Cardiff  Authority: Natural Resources Wales  Catchment Area: River Taff  Reference: An0028701  Permit Version: 2  Effective Date: 13th January 1993  Issued Date: 13th October 1992  Revocation Date: 17th October 1996  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Taff Estuary  <b>Status: Consent expired</b>  Positional Accuracy: Located by supplier to within 100m</p>	A19SW (NE)	343	2	318380 174390
7	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: The Hamadryad Outfall Clarence Emba, Clarence Embankment Cardiff  Authority: Natural Resources Wales  Catchment Area: River Taff  Reference: An0028701  Permit Version: 1  Effective Date: 20th November 1987  Issued Date: 20th November 1987  Revocation Date: 12th January 1993  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Taff Estuary  <b>Status: Authorisation revoked</b>  Positional Accuracy: Located by supplier to within 10m</p>	A19SW (NE)	343	2	318380 174390
8	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: Harrowby Street Ps, Butetown, Cardiff, Cf10 5gb  Authority: Natural Resources Wales  Catchment Area: TAFF - CONF RHONDDA R TO CASTLE STREET  Reference: An0185101  Permit Version: 3  Effective Date: 17th December 2019  Issued Date: 17th December 2019  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Lake/Reservoir - with outlet  Environment:  Receiving Water: River Taff Estuary  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A14NW (NE)	347	2	318424 174298
8	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: Harrowby Street Ps, Butetown, Cardiff, Cf10 5gb  Authority: Natural Resources Wales  Catchment Area: TAFF - CONF RHONDDA R TO CASTLE STREET  Reference: An0185101  Permit Version: 3  Effective Date: 17th December 2019  Issued Date: 17th December 2019  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Pumping Station - Water Company  Discharge: Lake/Reservoir - with outlet  Environment:  Receiving Water: River Taff Estuary  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A14NW (NE)	347	2	318424 174298



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: Harrowby St Sso Butetown Cardiff, Butetown, Cardiff Cbc  Authority: Natural Resources Wales  Catchment Area: TAFF - CONF RHONDDA R TO CASTLE STREET  Reference: An0185101  Permit Version: 2  Effective Date: 2nd October 1991  Issued Date: 2nd October 1991  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Lake/Reservoir - with outlet  Environment:  Receiving Water: Taff Estuary  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A14NW (NE)	347	2	318424 174298
8	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: Harrowby St Sso Butetown Cardiff, Butetown, Cardiff Cbc  Authority: Natural Resources Wales  Catchment Area: TAFF - CONF RHONDDA R TO CASTLE STREET  Reference: AN0185101  Permit Version: 2  Effective Date: 2nd October 1991  Issued Date: 2nd October 1991  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Lake/Reservoir - with outlet  Environment:  Receiving Water: Taff Estuary  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 100m</p>	A14NW (NE)	347	2	318424 174298
9	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: Harrowby St Sso Butetown Cardiff, Butetown, Cardiff Cbc  Authority: Natural Resources Wales  Catchment Area: River Taff  Reference: An0185101  Permit Version: 1  Effective Date: 20th September 1990  Issued Date: 20th September 1990  Revocation Date: 1st October 1991  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Taff Estuary  <b>Status: Authorisation revoked</b>  Positional Accuracy: Located by supplier to within 10m</p>	A14NW (NE)	482	2	318560 174310
10	<p><b>Discharge Consents</b></p> <p>Operator: Bp Oil Ltd  Property Type: Undefined Or Other  Location: Cardiff - Ferry Road Premises  Authority: Natural Resources Wales  Catchment Area: River Taff  Reference: An0001501  Permit Version: 1  Effective Date: 20th November 1984  Issued Date: 20th November 1984  Revocation Date: 14th August 1985  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Taff Estuary  <b>Status: Consent expired</b>  Positional Accuracy: Located by supplier to within 100m</p>	A19SW (NE)	504	2	318500 174500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	<p><b>Discharge Consents</b></p> <p>Operator: Contracts Manager  Property Type: Undefined Or Other  Location: Prospect Place Land Reclamation, Propsect Place, Ferry Road, Cardiff  Authority: Natural Resources Wales  Catchment Area: Not Supplied  Reference: An0316501  Permit Version: 1  Effective Date: 21st December 2001  Issued Date: 21st December 2001  Revocation Date: 30th April 2004  Discharge Type: Trade Effluent  Discharge: Lake/Reservoir - with outlet  Environment:  Receiving Water: Cardiff Bay Impoundment  <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>	A8SE (SE)	539	2	318300 173360
12	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Pumping Staions  Location: Ferry Road Ps Ferry Road Grangetown, Ferry Road, Cardiff  Authority: Natural Resources Wales  Catchment Area: TAFF - CONF RHONDDA R TO CASTLE STREET  Reference: An0272601  Permit Version: 1  Effective Date: 1st October 1997  Issued Date: 13th June 1997  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Pumping Station - Water Company  Discharge: Lake/Reservoir - with outlet  Environment:  Receiving Water: Cardiff Bay  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A8SE (S)	577	2	318090 173290
12	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Pumping Staions  Location: Ferry Road Ps Ferry Road Grangetown, Ferry Road, Cardiff  Authority: Natural Resources Wales  Catchment Area: TAFF - CONF RHONDDA R TO CASTLE STREET  Reference: AN0272601  Permit Version: 1  Effective Date: 1st October 1997  Issued Date: 13th June 1997  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Pumping Station - Water Company  Discharge: Lake/Reservoir - with outlet  Environment:  Receiving Water: Cardiff Bay  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A8SE (S)	577	2	318090 173290
12	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Pumping Station - Water Company  Location: Ferry Road Ps Ferry Road Grangetown, Ferry Road, Cardiff  Authority: Natural Resources Wales  Catchment Area: River Taff  Reference: An0248701  Permit Version: 1  Effective Date: 15th February 1995  Issued Date: 15th February 1995  Revocation Date: 31st December 1997  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: River Taff Estuary  <b>Status: Consent expired</b>  Positional Accuracy: Located by supplier to within 100m</p>	A8SE (S)	577	2	318090 173290

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	<p><b>Discharge Consents</b></p> <p>Operator: Cardiff County Council  Property Type: Sewerage Network - Pumping Station - Water Company  Location: Ferry Road Ps Ferry Road Grangetown, Ferry Road, Cardiff  Authority: Natural Resources Wales  Catchment Area: River Ely  Reference: AN0049304  Permit Version: 2  Effective Date: 20th February 1993  Issued Date: 20th November 1992  Revocation Date: 20th September 2002  Discharge Type: Waste Site - Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: River Taff 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>	A8SE (S)	577	2	318090 173290
12	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Unspecified Tip  Location: Cardiff Ferry Road  Authority: Natural Resources Wales  Catchment Area: River Taff  Reference: An0046701  Permit Version: 1  Effective Date: 27th November 1987  Issued Date: 27th November 1987  Revocation Date: 8th October 1992  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Taff Estuary  <b>Status: Consent expired</b>  Positional Accuracy: Located by supplier to within 10m</p>	A8SE (S)	587	2	318100 173280
12	<p><b>Discharge Consents</b></p> <p>Operator: Cardiff Bay Development Corporation  Property Type: Unspecified Tip  Location: Ferry Rd Landfill Site  Authority: Natural Resources Wales  Catchment Area: River Taff  Reference: An0049301  Permit Version: 1  Effective Date: 14th October 1987  Issued Date: 14th October 1987  Revocation Date: 19th February 1993  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: River Ely Estuary  <b>Status: Authorisation revoked</b>  Positional Accuracy: Located by supplier to within 10m</p>	A8SE (S)	616	2	318120 173250
13	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Undefined Or Other  Location: South Butetown  Authority: Natural Resources Wales  Catchment Area: River Taff  Reference: An0033801  Permit Version: 1  Effective Date: 20th November 1987  Issued Date: 20th November 1987  Revocation Date: 3rd September 1992  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Taff Estuary  <b>Status: Consent expired</b>  Positional Accuracy: Located by supplier to within 10m</p>	A14NE (E)	586	2	318670 174290

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Undefined Or Other  Location: Glamorgan Canal Cardiff  Authority: Natural Resources Wales  Catchment Area: River Taff  Reference: An0046301  Permit Version: 1  Effective Date: 27th November 1987  Issued Date: 27th November 1987  Revocation Date: 3rd September 1992  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Taff Estuary  <b>Status: Consent expired</b>  Positional Accuracy: Located by supplier to within 10m</p>	A14NE (E)	592	2	318680 174280
13	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Not Supplied  Location: Central Development Area (Phas  Authority: Natural Resources Wales  Catchment Area: TAFF - CONF RHONDDA R TO CASTLE STREET  Reference: Af4004501  Permit Version: 1  Effective Date: 2nd July 1973  Issued Date: 2nd July 1973  Revocation Date: Not Supplied  Discharge Type: Trade Discharges - Site Drainage  Discharge: Lake/Reservoir - with outlet  Environment:  Receiving Water: River Taff  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A14NE (E)	598	2	318680 174300
13	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Not Supplied  Location: Central Development Area (Phas  Authority: Natural Resources Wales  Catchment Area: TAFF - CONF RHONDDA R TO CASTLE STREET  Reference: AF4004501  Permit Version: 1  Effective Date: 2nd July 1973  Issued Date: 2nd July 1973  Revocation Date: Not Supplied  Discharge Type: Trade Discharges - Site Drainage  Discharge: Lake/Reservoir - with outlet  Environment:  Receiving Water: River Taff  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 100m</p>	A14NE (E)	598	2	318680 174300
14	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewage Disposal Works  Location: Windsor Esplanade Outfall Cardiff, Cardiff Cbc, Wales  Authority: Natural Resources Wales  Catchment Area: TAFF - CONF RHONDDA R TO CASTLE STREET  Reference: An0048001  Permit Version: 2  Effective Date: 13th January 1993  Issued Date: 13th October 1992  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company  Discharge: Lake/Reservoir - with outlet  Environment:  Receiving Water: Cardiff Bay  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A14NE (E)	602	2	318710 174180

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewage Disposal Works  Location: Windsor Esplanade Outfall Cardiff, Cardiff Cbc, Wales  Authority: Natural Resources Wales  Catchment Area: TAFF - CONF RHONDDA R TO CASTLE STREET  Reference: AN0048001  Permit Version: 2  Effective Date: 13th January 1993  Issued Date: 13th October 1992  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company  Discharge: Lake/Reservoir - with outlet  Environment:  Receiving Water: Cardiff Bay  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 100m</p>	A14NE (E)	602	2	318710 174180
14	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewage Disposal Works - Water Company  Location: Windsor Esplanade Outfall Cardiff, Cardiff Cbc, Wales  Authority: Natural Resources Wales  Catchment Area: River Taff  Reference: An0048001  Permit Version: 1  Effective Date: 27th November 1987  Issued Date: 27th November 1987  Revocation Date: 12th January 1993  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Cardiff Bay  <b>Status: Authorisation revoked</b>  Positional Accuracy: Located by supplier to within 10m</p>	A14NE (E)	602	2	318710 174180
15	<p><b>Discharge Consents</b></p> <p>Operator: Mr P Thompson  Property Type: Sewerage Network - Pumping Station - Water Company  Location: Ferry Rd Foul/Leachate Ps 'A' Ferry, Ferry Road, Grangetown, Cardiff, Cf11 0J  Authority: Natural Resources Wales  Catchment Area: River Taff  Reference: AN0274001  Permit Version: 1  Effective Date: 1st October 1997  Issued Date: 30th July 1997  Revocation Date: 6th July 2006  Discharge Type: Unspecified  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Cardiff Bay  <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 100m</p>	A8SW (S)	611	2	317980 173250
16	<p><b>Discharge Consents</b></p> <p>Operator: Whitchurch Fencing Co Ltd  Property Type: Sewage Disposal Works - Other  Location: Ferry Road Grangetown Cardiff, Grangetown, Wales  Authority: Natural Resources Wales  Catchment Area: Not Given  Reference: AG0008601  Permit Version: 2  Effective Date: 15th December 1992  Issued Date: 15th December 1992  Revocation Date: 8th October 2013  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Lake/Reservoir - with outlet  Environment:  Receiving Water: Taff Estuary  <b>Status: Revoked under EPR 2010</b>  Positional Accuracy: Located by supplier to within 100m</p>	A8SE (S)	670	2	318180 173200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	<p><b>Discharge Consents</b></p> <p>Operator: Midlands Regional Estates Manager  Property Type: Production &amp; Distribution Of Electricity  Location: Transco Site Ferry Road Grangetown, Laatic Property Holdings, Transco Site, Ferry Road Grangetown, Cardiff, Cf11 0xr  Authority: Natural Resources Wales  Catchment Area: Not Supplied  Reference: An0324501  Permit Version: 1  Effective Date: 11th September 2002  Issued Date: 11th September 2002  Revocation Date: 10th December 2002  Discharge Type: Trade Discharges - Site Drainage (Contam Surface Water, Not Tips)  Discharge: Freshwater Stream/River  Environment:  Receiving Water: The River Ely  <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>	A12SW (W)	706	2	317218 173831
17	<p><b>Discharge Consents</b></p> <p>Operator: Cardiff Bay Development Corporation  Property Type: Unspecified Tip  Location: Ferry Rd Landfill Site  Authority: Natural Resources Wales  Catchment Area: River Ely  Reference: An0049302  Permit Version: 1  Effective Date: 14th October 1987  Issued Date: 14th October 1987  Revocation Date: 19th February 1993  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: River Ely Estuary  <b>Status: Authorisation revoked</b>  Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	722	2	317200 173840
18	<p><b>Discharge Consents</b></p> <p>Operator: Cardiff County Council  Property Type: Unspecified Tip  Location: Ferry Rd Landfill Site  Authority: Natural Resources Wales  Catchment Area: River Taff  Reference: AN0049301  Permit Version: 2  Effective Date: 20th February 1993  Issued Date: 20th November 1992  Revocation Date: 20th September 2002  Discharge Type: Waste Site - Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: River Ely 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 100m</p>	A7NW (SW)	781	2	317200 173620
19	<p><b>Discharge Consents</b></p> <p>Operator: Cardiff Bay Development Corporation  Property Type: Undefined Or Other  Location: Not Supplied  Authority: Natural Resources Wales  Catchment Area: River Ely  Reference: An0144301  Permit Version: 2  Effective Date: 11th August 1989  Issued Date: 11th August 1989  Revocation Date: 3rd April 1995  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Ely Estuary  <b>Status: Consent expired</b>  Positional Accuracy: Located by supplier to within 100m</p>	A7NW (SW)	792	2	317300 173400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	<p><b>Discharge Consents</b></p> <p>Operator: Cardiff Bay Development Corporation  Property Type: Undefined Or Other  Location: Not Supplied  Authority: Natural Resources Wales  Catchment Area: River Ely  Reference: An0144301  Permit Version: 1  Effective Date: 1st January 1901  Issued Date: 1st January 1901  Revocation Date: 10th August 1989  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Ely Estuary  <b>Status: Authorisation revoked</b>  Positional Accuracy: Located by supplier to within 100m</p>	A7NW (SW)	792	2	317300 173400
19	<p><b>Discharge Consents</b></p> <p>Operator: Cardiff County Council  Property Type: Sewerage Network - Pumping Station - Water Company  Location: Ferry Rd Foul/Leachate Ps 'C' Ferry, Ferry Road Grangetown Cardiff  Authority: Natural Resources Wales  Catchment Area: River Ely  Reference: AN0274003  Permit Version: 1  Effective Date: 1st October 1997  Issued Date: 30th July 1997  Revocation Date: 6th July 2006  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Cardiff Bay  <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 100m</p>	A7NW (SW)	798	2	317300 173390
20	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Undefined Or Other  Location: Taff Embankment Cardiff  Authority: Natural Resources Wales  Catchment Area: River Taff  Reference: An0046601  Permit Version: 1  Effective Date: 27th November 1987  Issued Date: 27th November 1987  Revocation Date: 3rd September 1992  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Taff Estuary  <b>Status: Consent expired</b>  Positional Accuracy: Located by supplier to within 10m</p>	A19NW (NE)	792	2	318440 174920
20	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Pumping Stations  Location: Curran Sps, Opp 134, Overstone Court, Dumballs Road Ind. Est., Butetown, Cardiff, Cf10 5nu  Authority: Natural Resources Wales  Catchment Area: TAFF - CONF RHONDDA R TO CASTLE STREET  Reference: An0249801  Permit Version: 3  Effective Date: 17th December 2019  Issued Date: 17th December 2019  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Pumping Station - Water Company  Discharge: Lake/Reservoir - with outlet  Environment:  Receiving Water: Cardiff Bay  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A19NW (NE)	819	2	318418 174961

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Pumping Staions  Location: Curran Sps, Opp 134, Overstone Court, Dumballs Road Ind. Est., Butetown, Cardiff, Cf10 5nu  Authority: Natural Resources Wales  Catchment Area: TAFF - CONF RHONDDA R TO CASTLE STREET  Reference: An0249801  Permit Version: 3  Effective Date: 17th December 2019  Issued Date: 17th December 2019  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Lake/Reservoir - with outlet  Environment:  Receiving Water: Cardiff Bay  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A19NW (NE)	819	2	318418 174961
20	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Pumping Staions  Location: Curran Ps Dumballs Rd Ind Est, Butetown, Cardiff  Authority: Natural Resources Wales  Catchment Area: TAFF - CONF RHONDDA R TO CASTLE STREET  Reference: An0249801  Permit Version: 2  Effective Date: 1st January 1998  Issued Date: 9th September 1996  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Pumping Station - Water Company  Discharge: Lake/Reservoir - with outlet  Environment:  Receiving Water: Cardiff Bay  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A19NW (NE)	824	2	318430 174960
20	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Pumping Staions  Location: Curran Ps Dumballs Rd Ind Est, Butetown, Cardiff  Authority: Natural Resources Wales  Catchment Area: TAFF - CONF RHONDDA R TO CASTLE STREET  Reference: An0249801  Permit Version: 2  Effective Date: 1st January 1998  Issued Date: 9th September 1996  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Pumping Station - Water Company  Discharge: Lake/Reservoir - with outlet  Environment:  Receiving Water: Cardiff Bay  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A19NW (NE)	824	2	318430 174960
20	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Pumping Station - Water Company  Location: Curran Ps Dumballs Rd Ind Est, Butetown, Cardiff  Authority: Natural Resources Wales  Catchment Area: River Taff  Reference: AN0249801  Permit Version: 1  Effective Date: 31st July 1996  Issued Date: 20th April 1995  Revocation Date: 31st December 1997  Discharge Type: Public Sewage: Storm Sewage Overflow  Discharge: Not Supplied  Environment:  Receiving Water: Cardiff Bay  <b>Status: Authorisation revoked</b>  Positional Accuracy: Located by supplier to within 100m</p>	A19NW (NE)	824	2	318430 174960



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	<p><b>Discharge Consents</b></p> <p>Operator: Cardiff Bay Development Corporation  Property Type: Undefined Or Other  Location: Penarth Moors (West)  Authority: Natural Resources Wales  Catchment Area: River Ely  Reference: An0144304  Permit Version: 1  Effective Date: 11th August 1989  Issued Date: 11th August 1989  Revocation Date: 3rd April 1995  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Ely Estuary  <b>Status: Consent expired</b>  Positional Accuracy: Located by supplier to within 10m</p>	A7SE (SW)	802	2	317520 173180
21	<p><b>Discharge Consents</b></p> <p>Operator: Cardiff City Council  Property Type: Unspecified Tip  Location: Ferry Road Landfill Site Ferry Road, Ferry Road Cardiff  Authority: Natural Resources Wales  Catchment Area: River Ely  Reference: An0049305  Permit Version: 1  Effective Date: 14th October 1987  Issued Date: 14th October 1987  Revocation Date: 23rd September 1992  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Ely  <b>Status: Consent expired</b>  Positional Accuracy: Located by supplier to within 10m</p>	A7SE (SW)	836	2	317520 173140
22	<p><b>Discharge Consents</b></p> <p>Operator: Cardiff County Council  Property Type: Unspecified Tip  Location: Ferry Rd Landfill Site  Authority: Natural Resources Wales  Catchment Area: River Ely  Reference: AN0049302  Permit Version: 2  Effective Date: 20th February 1993  Issued Date: 20th November 1992  Revocation Date: 20th September 2002  Discharge Type: Waste Site - Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: River Ely 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 100m</p>	A7NW (SW)	823	2	317220 173470
23	<p><b>Discharge Consents</b></p> <p>Operator: Cardiff Bay Development Corporation  Property Type: Sewerage Network - Pumping Station - Water Company  Location: Ferry Road Ps Ferry Road Grangetown, Ferry Road, Cardiff  Authority: Natural Resources Wales  Catchment Area: River Ely  Reference: An0049304  Permit Version: 1  Effective Date: 14th October 1987  Issued Date: 14th October 1987  Revocation Date: 19th February 1993  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: River Taff Estuary  <b>Status: Authorisation revoked</b>  Positional Accuracy: Located by supplier to within 10m</p>	A7SE (SW)	839	2	317380 173240

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	<p><b>Discharge Consents</b></p> <p>Operator: Cardiff Bay Development Corporation  Property Type: Undefined Or Other  Location: Not Supplied  Authority: Natural Resources Wales  Catchment Area: River Ely  Reference: An0144302  Permit Version: 2  Effective Date: 11th August 1989  Issued Date: 11th August 1989  Revocation Date: 3rd April 1995  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Landlocked Pond  <b>Status: Consent expired</b>  Positional Accuracy: Located by supplier to within 10m</p>	A8SW (S)	856	2	317670 173050
24	<p><b>Discharge Consents</b></p> <p>Operator: Cardiff Bay Development Corporation  Property Type: Undefined Or Other  Location: Not Supplied  Authority: Natural Resources Wales  Catchment Area: River Ely  Reference: An0144302  Permit Version: 1  Effective Date: 1st January 1901  Issued Date: 1st January 1901  Revocation Date: 10th August 1989  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Landlocked Pond  <b>Status: Authorisation revoked</b>  Positional Accuracy: Located by supplier to within 10m</p>	A8SW (S)	856	2	317670 173050
24	<p><b>Discharge Consents</b></p> <p>Operator: Cardiff Bay Development Corporation  Property Type: Undefined Or Other  Location: Not Supplied  Authority: Natural Resources Wales  Catchment Area: River Ely  Reference: An0144303  Permit Version: 2  Effective Date: 11th August 1989  Issued Date: 11th August 1989  Revocation Date: 3rd April 1995  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Landlocked Pond  <b>Status: Consent expired</b>  Positional Accuracy: Located by supplier to within 10m</p>	A8SW (S)	865	2	317670 173040
24	<p><b>Discharge Consents</b></p> <p>Operator: Cardiff Bay Development Corporation  Property Type: Undefined Or Other  Location: Not Supplied  Authority: Natural Resources Wales  Catchment Area: River Ely  Reference: An0144303  Permit Version: 1  Effective Date: 1st January 1901  Issued Date: 1st January 1901  Revocation Date: 10th August 1989  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Landlocked Pond  <b>Status: Authorisation revoked</b>  Positional Accuracy: Located by supplier to within 10m</p>	A8SW (S)	865	2	317670 173040

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	<p><b>Discharge Consents</b></p> <p>Operator: Cardiff County Council  Property Type: Unspecified Tip  Location: Ferry Rd Landfill Site  Authority: Natural Resources Wales  Catchment Area: River Ely  Reference: AN0049303  Permit Version: 2  Effective Date: 20th February 1993  Issued Date: 20th November 1992  Revocation Date: 20th September 2002  Discharge Type: Waste Site - Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: River Ely 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 100m</p>	A7SE (SW)	884	2	317510 173090
25	<p><b>Discharge Consents</b></p> <p>Operator: Cardiff County Council  Property Type: Sewerage Network - Pumping Station - Water Company  Location: Ferry Rd Foul/Leachate Ps 'B' Ferry, Ferry Road Grangetown Cardiff  Authority: Natural Resources Wales  Catchment Area: River Ely  Reference: AN0274002  Permit Version: 1  Effective Date: 1st October 1997  Issued Date: 30th July 1997  Revocation Date: 27th September 2002  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Cardiff Bay  <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 100m</p>	A7SE (SW)	897	2	317520 173070
25	<p><b>Discharge Consents</b></p> <p>Operator: Cardiff Bay Development Corporation  Property Type: Unspecified Tip  Location: Ferry Rd Landfill Site  Authority: Natural Resources Wales  Catchment Area: River Ely  Reference: An0049303  Permit Version: 1  Effective Date: 14th October 1987  Issued Date: 14th October 1987  Revocation Date: 19th February 1993  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: River Ely Estuary  <b>Status: Authorisation revoked</b>  Positional Accuracy: Located by supplier to within 10m</p>	A7SE (SW)	898	2	317500 173080
26	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: Penarth Rd Cso Cardiff  Authority: Natural Resources Wales  Catchment Area: River Ely  Reference: An0047801  Permit Version: 4  Effective Date: 31st March 2007  Issued Date: 24th March 2005  Revocation Date: 30th March 2007  Discharge Type: Public Sewage: Storm Sewage Overflow  Discharge: Lake/Reservoir - with outlet  Environment:  Receiving Water: River Ely  <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>	A7NW (SW)	890	2	317110 173550

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: Penarth Rd Cso Cardiff  Authority: Natural Resources Wales  Catchment Area: River Ely  Reference: An0047801  Permit Version: 3  Effective Date: 30th November 1997  Issued Date: 8th April 1997  Revocation Date: 30th March 2007  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: River Ely  <b>Status:</b> Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)  Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	890	2	317110 173550
26	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: Penarth Rd Cso Cardiff  Authority: Natural Resources Wales  Catchment Area: River Ely  Reference: AN0047801  Permit Version: 2  Effective Date: 22nd March 1994  Issued Date: 22nd December 1993  Revocation Date: 29th November 1997  Discharge Type: Public Sewage: Storm Sewage Overflow  Discharge: Not Supplied  Environment:  Receiving Water: River Ely  <b>Status:</b> Authorisation revoked  Positional Accuracy: Located by supplier to within 100m</p>	A7NW (SW)	890	2	317110 173550
26	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: Penarth Rd Cso Cardiff  Authority: Natural Resources Wales  Catchment Area: River Ely  Reference: An0047801  Permit Version: 1  Effective Date: 27th November 1987  Issued Date: 27th November 1987  Revocation Date: 21st March 1994  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: River Ely  <b>Status:</b> Authorisation revoked  Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	890	2	317110 173550
26	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Pumping Staions  Location: Penarth Llandough Moors Cardiff Cso, Cardiff, Adj Unit B6, West Point Ind Est, Penarth Road, Cf11 8jq  Authority: Natural Resources Wales  Catchment Area: CARDIFF BAY  Reference: An0047801  Permit Version: 6  Effective Date: 24th October 2019  Issued Date: 24th October 2019  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: River Ely  <b>Status:</b> Effective  Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	909	2	317098 173528

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Pumping Staions  Location: Penarth Llandough Moors Cardiff Cso, Cardiff, Adj Unit B6, West Point Ind Est, Penarth Road, Cf11 8jq  Authority: Natural Resources Wales  Catchment Area: CARDIFF BAY  Reference: An0047801  Permit Version: 6  Effective Date: 24th October 2019  Issued Date: 24th October 2019  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: River Ely  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	909	2	317098 173528
26	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Pumping Staions  Location: Penarth Llandough Moors Cardiff, Penarth Llandough Moors Ps, Penarth Road, Cardiff West  Authority: Natural Resources Wales  Catchment Area: CARDIFF BAY  Reference: An0047801  Permit Version: 5  Effective Date: 31st March 2007  Issued Date: 29th March 2007  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: River Ely  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	909	2	317098 173528
26	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Pumping Staions  Location: Penarth Llandough Moors Cardiff, Penarth Llandough Moors Ps, Penarth Road, Cardiff West  Authority: Natural Resources Wales  Catchment Area: CARDIFF BAY  Reference: An0047801  Permit Version: 5  Effective Date: 31st March 2007  Issued Date: 29th March 2007  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Pumping Station - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: River Ely  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	909	2	317098 173528
26	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Pumping Staions  Location: Penarth Llandough Moors Cardiff, Penarth Llandough Moors Ps, Penarth Road, Cardiff West  Authority: Natural Resources Wales  Catchment Area: CARDIFF BAY  Reference: An0047801  Permit Version: 5  Effective Date: 31st March 2007  Issued Date: 29th March 2007  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: River Ely  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	909	2	317098 173528

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Pumping Staions  Location: Penarth Llandough Moors Cardiff, Penarth Llandough Moors Ps, Penarth Road, Cardiff West  Authority: Natural Resources Wales  Catchment Area: CARDIFF BAY  Reference: An0047801  Permit Version: 5  Effective Date: 31st March 2007  Issued Date: 29th March 2007  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Pumping Station - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: River Ely  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	909	2	317098 173528
27	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: Cardiff Adj Dumballs Lane Currans  Authority: Natural Resources Wales  Catchment Area: River Taff  Reference: AN0028501  Permit Version: 2  Effective Date: 13th January 1993  Issued Date: 13th October 1992  Revocation Date: 31st March 2004  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Taff 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 100m</p>	A19NW (NE)	933	2	318600 174990
27	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: Cardiff Adj Dumballs Lane Currans  Authority: Natural Resources Wales  Catchment Area: River Taff  Reference: An0028501  Permit Version: 1  Effective Date: 20th November 1987  Issued Date: 20th November 1987  Revocation Date: 12th January 1993  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Taff Estuary  <b>Status: Authorisation revoked</b>  Positional Accuracy: Located by supplier to within 10m</p>	A19NW (NE)	933	2	318600 174990
28	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Undefined Or Other  Location: Penarth Road Cardiff  Authority: Natural Resources Wales  Catchment Area: River Ely  Reference: An0047901  Permit Version: 1  Effective Date: 27th November 1987  Issued Date: 27th November 1987  Revocation Date: 3rd September 1992  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Ely Estuary  <b>Status: Consent expired</b>  Positional Accuracy: Located by supplier to within 10m</p>	A11SE (W)	978	2	316920 173900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	<p><b>Discharge Consents</b></p> <p>Operator: Esso Petroleum Co Ltd  Property Type: Support Services - Sea Transport  Location: Not Supplied  Authority: Natural Resources Wales  Catchment Area: River Taff  Reference: An0004501  Permit Version: 2  Effective Date: 27th October 1987  Issued Date: 27th October 1987  Revocation Date: 4th November 1987  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Taff Estuary  <b>Status: Consent expired</b>  Positional Accuracy: Located by supplier to within 100m</p>	A3NE (S)	984	2	318300 172900
29	<p><b>Discharge Consents</b></p> <p>Operator: Esso Petroleum Co Ltd  Property Type: Support Services - Sea Transport  Location: Not Supplied  Authority: Natural Resources Wales  Catchment Area: River Taff  Reference: An0004501  Permit Version: 1  Effective Date: 19th June 1985  Issued Date: 19th June 1985  Revocation Date: 26th October 1987  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Taff Estuary  <b>Status: Authorisation revoked</b>  Positional Accuracy: Located by supplier to within 100m</p>	A3NE (S)	984	2	318300 172900
30	<p><b>Discharge Consents</b></p> <p>Operator: Cardiff Bay Development Corporation  Property Type: Undefined Or Other  Location: Consent Point B Adj Penarth Road Ca, Adj Penarth Road Cardiff  Authority: Natural Resources Wales  Catchment Area: River Ely  Reference: An0133002  Permit Version: 1  Effective Date: 24th February 1989  Issued Date: 24th February 1989  Revocation Date: 3rd April 1995  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Ely Estuary  <b>Status: Consent expired</b>  Positional Accuracy: Located by supplier to within 10m</p>	A6NE (SW)	1000	2	316980 173580
31	<p><b>Enforcement and Prohibition Notices</b></p> <p>Location: Penarth Road, CARDIFF, South Glamorgan, CF11 8UL  Permit Reference: SM158/99KC  Enforcement Date: 3rd June 1999  Details: EA Data 16/06/1999, Breaching conditions of their Integrated Pollution Control (IPC) authorisation, following an escape of a quantity of cadmium plating solution in March.  Positional Accuracy: Manually positioned to the road within the address or location</p>	A17NW (NW)	855	3	317283 174742
32	<p><b>Integrated Pollution Controls</b></p> <p>Name: Poeton (Cardiff) Ltd  Location: Penarth Road, CARDIFF, South Glamorgan, CF1 7UL  Authority: Environment Agency, Welsh Region  Permit Reference: BD7375  Dated: 24th November 1998  Process Type: IPC minor (non-substantial) variation to previous variation  Description: 4.5 A (H) Inorganic Chemical processes within the Chemical Industry  <b>Status: Authorisation superseded by a substantial or non substantial variation</b>  Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	819	3	317365 174767
32	<p><b>Integrated Pollution Controls</b></p> <p>Name: Poeton (Cardiff) Ltd  Location: Penarth Road, CARDIFF, South Glamorgan, CF1 7UL  Authority: Environment Agency, Welsh Region  Permit Reference: AW9854  Dated: 30th October 1996  Process Type: IPC minor (non-substantial) variation to previous variation  Description: 4.5 A (H) Inorganic Chemical processes within the Chemical Industry  <b>Status: Authorisation superseded by a substantial or non substantial variation</b>  Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	819	3	317365 174767

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
32	<p><b>Integrated Pollution Controls</b></p> <p>Name: Poeton (Cardiff) Ltd            Location: Penarth Road, CARDIFF, South Glamorgan, CF1 7UL            Authority: Environment Agency, Welsh Region            Permit Reference: BF5802            Dated: 14th May 1999            Process Type: IPC minor (non-substantial) variation to previous variation            Description: 4.5 A (H) Inorganic Chemical processes within the Chemical Industry            Status: <b>Authorisation superseded by a substantial or non substantial variation</b>            Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	823	3	317365 174772
32	<p><b>Integrated Pollution Controls</b></p> <p>Name: Poeton (Cardiff) Ltd            Location: Penarth Road, CARDIFF, South Glamorgan, CF1 7UL            Authority: Environment Agency, Welsh Region            Permit Reference: AO0890            Dated: 28th November 1994            Process Type: IPC new application            Description: 4.5 A (H) Inorganic Chemical processes within the Chemical Industry            Status: <b>Authorisation superseded by a substantial or non substantial variation</b>            Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	823	3	317360 174767
32	<p><b>Integrated Pollution Controls</b></p> <p>Name: Poeton (Cardiff) Ltd            Location: Penarth Road, Cardiff, South Glamorgan, CF11 8UL            Authority: Environment Agency, Welsh Region            Permit Reference: Bs5762            Dated: 20th August 2002            Process Type: IPC minor (non-substantial) variation to previous variation            Description: 4.5 A (H) Inorganic Chemical processes within the Chemical Industry            Status: <b>Revoked - Now IPPC</b>            Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	827	3	317360 174772
32	<p><b>Integrated Pollution Controls</b></p> <p>Name: A T Poeton (Cardiff) Ltd            Location: Penarth Road, CARDIFF, South Glamorgan, CF1 7UL            Authority: Environment Agency, Welsh Region            Permit Reference: AM0082            Dated: 31st January 1994            Process Type: Application since found to be exempt from IPC            Description: Not Given            Status: <b>Application since found to be exempt from IPC</b>            Positional Accuracy: Unknown</p>	A17NE (NW)	827	3	317360 174772
33	<p><b>Integrated Pollution Prevention And Control</b></p> <p>Name: Poeton Cardiff            Location: Poeton (Cardiff) Ltd, 283 Penarth Road, Cardiff, Cardiff, CF11 8UL            Authority: Natural Resources Wales            Permit Reference: Bp1772iz            Original Permit Ref: Not Supplied            Effective Date: 7th January 2016            Status: <b>Effective</b>            Application Type: Bespoke            App. Sub Type: Not Supplied            Positional Accuracy: Automatically positioned to the address            Activity Code: 2.3 A(1) (A)            Activity Description: Not Supplied            Primary Activity: Y</p>	A17NE (NW)	832	2	317357 174777
34	<p><b>Integrated Pollution Prevention And Control</b></p> <p>Name: Bio Grade Ltd            Location: Bio Grade Ltd - Sr2009 No3, Unit 8, Curran Road,, CARDIFF, South Glamorgan, CF10 5DF            Authority: Environment Agency, Welsh Region            Permit Reference: SP3130FT            Original Permit Ref: Sp3130ft            Effective Date: Not Supplied            Status: <b>Application refused</b>            Application Type: Application            App. Sub Type: New            Positional Accuracy: Automatically positioned to the address            Activity Code: 4.1 A(1) (A) (II)            Activity Description: Organic Chemicals; Oxygen Containing Compounds Eg Alcohols            Primary Activity: Y</p>	A23SE (N)	928	3	318289 175117



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	<p><b>Integrated Pollution Prevention And Control</b></p> <p>Name: Celsa Manufacturing Uk Ltd            Location: Tremorfa Steel Works, Po Box 37, Tremorfa Works, Cardiff, CF2 2YX            Authority: Natural Resources Wales            Permit Reference: BI9372iu            Original Permit Ref: BI9372iu            Effective Date: 7th January 2003  <b>Status: Superseded By Variation</b>            Application Type: Application            App. Sub Type: New            Positional Accuracy: Automatically positioned to the address            Activity Code: 2.1 A(1) (B)            Activity Description: Ferrous Metals; Producing, Melting Or Refining            Primary Activity: Y</p>	A17NW (NW)	942	2	317180 174762
36	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Asda Stores Ltd            Location: Cardiff Bay Retail Park, Ferry Road, Grangetown, CARDIFF, South Glamorgan, CF11 0JR            Authority: Cardiff Council, Pollution Control Division            Permit Reference: Ppc/65/1.4            Dated: 23rd December 1998            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>	A8NW (SW)	248	4	317782 173673
37	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Wm Morrison Supermarkets            Location: International Drive, International Sports Village, Ferry Road, Grangetown, Cardiff, Cf11 0jp            Authority: Cardiff Council, Pollution Control Division            Permit Reference: PPC/130/1.2            Dated: Not Supplied            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>	A8SW (S)	563	4	317953 173297
37	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Wm Morrison Supermarkets            Location: International Drive, International Sports Village, Ferry Road, Grangetown, Cardiff, Cf11 0jp            Authority: Cardiff Council, Pollution Control Division            Permit Reference: PPC/142/7            Dated: Not Supplied            Process Type: Local Authority Pollution Prevention and Control            Description: PG6/46 Dry cleaning  <b>Status: Permitted</b>            Positional Accuracy: Manually positioned to the address or location</p>	A8SW (S)	563	4	317953 173297
38	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Cardiff Bay Service StationElf            Location: 235 Corporation Road, Grangetown, CARDIFF, South Glamorgan, CF11 7AS            Authority: Cardiff Council, Pollution Control Division            Permit Reference: PPC/95/1.2            Dated: 12th January 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>	A19NW (NE)	633	4	318464 174720
39	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Renault Cardiff            Location: 295 Penarth Road, CARDIFF, South Glamorgan, CF11 8UU            Authority: Cardiff Council, Pollution Control Division            Permit Reference: Ppc/32/6.4            Dated: 29th October 1993            Process Type: Local Authority Pollution Prevention and Control            Description: PG6/34 Respraying of road vehicles  <b>Status: Permitted</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SW (NW)	749	4	317196 174445
40	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Caroden Bathrooms Ltd            Location: PO Box 23, Hurman Street, The Docks, CARDIFF, South Glamorgan, CF10            Authority: Cardiff Council, Pollution Control Division            Permit Reference: Epa90/29/6.7            Dated: 28th July 1993            Process Type: Local Authority Air Pollution Control            Description: PG6/33 Wood coating  <b>Status: Authorisation revoked</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A19SE (NE)	765	4	318705 174662

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
40	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Caroden Bathrooms Ltd            Location: PO Box 23, Hurman Street, The Docks, CARDIFF, South Glamorgan, CF10            Authority: Cardiff Council, Pollution Control Division            Permit Reference: Epa90/28/6.7            Dated: 1st July 1993            Process Type: Local Authority Air Pollution Control            Description: PG6/2 Manufacture of timber and wood-based products  <b>Status: Authorisation revoked</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A19SE (NE)	765	4	318705 174662
41	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Fordthorne            Location: Ford House, 281 Penarth Road, Cardiff, South Glamorgan, CF11 8YZ            Authority: Cardiff Council, Pollution Control Division            Permit Reference: PPC/103/1.2            Dated: 23rd June 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>	A17NE (NW)	792	4	317416 174772
42	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Fordthorne            Location: Ford House, 281 Penarth Road, CARDIFF, South Glamorgan, CF11 8YZ            Authority: Cardiff Council, Pollution Control Division            Permit Reference: Ppc/38/6.4            Dated: 12th May 1992            Process Type: Local Authority Pollution Prevention and Control            Description: PG6/34 Respraying of road vehicles  <b>Status: Permitted</b>            Positional Accuracy: Manually positioned to the address or location</p>	A17NE (NW)	854	4	317356 174804
42	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Fordthorne            Location: Ford House, 281 Penarth Road, CARDIFF, South Glamorgan, CF11 8YZ            Authority: Cardiff Council, Pollution Control Division            Permit Reference: Ppc/38/6.5            Dated: 15th September 1993            Process Type: Local Authority Air Pollution Control            Description: PG6/34 Respraying of road vehicles  <b>Status: Authorised</b>            Positional Accuracy: Manually positioned to the address or location</p>	A17NE (NW)	868	4	317342 174811
43	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Hartwell Plc            Location: 13-15 Hadfield Road, CARDIFF, South Glamorgan, CF11 8AQ            Authority: Cardiff Council, Pollution Control Division            Permit Reference: Epa90/53/6.5            Dated: 8th August 1995            Process Type: Local Authority Air Pollution Control            Description: PG6/34 Respraying of road vehicles  <b>Status: Authorisation revoked</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A17SW (NW)	869	4	317138 174588
43	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Scuffs Vehicle Refurbishment            Location: Units 1 &amp; 2 Hadfield Road, Leckwith Industrial Estate, CARDIFF, CF11 8AG            Authority: Cardiff Council, Pollution Control Division            Permit Reference: Epa90/117/6.5            Dated: 3rd December 2001            Process Type: Local Authority Air Pollution Control            Description: PG6/34 Respraying of road vehicles  <b>Status: Authorised</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A17SW (NW)	884	4	317126 174596
44	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: J R Freeman            Location: 236 Penarth Road, CARDIFF, South Glamorgan, CF11 8JF            Authority: Cardiff Council, Pollution Control Division            Permit Reference: Ppc/44/6.9            Dated: 6th January 1994            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>	A11NE (W)	965	4	316921 174284
	<p><b>Nearest Surface Water Feature</b></p>	A13SE (E)	13	-	318124 174029

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
45	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Ferry Road, CARDIFF Authority: Environment Agency, Welsh Region Pollutant: Mud/Clay/Soil Note: Poor Management Incident Date: 21st March 1997 Incident Reference: 31915 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Runoff Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SE (S)	167	3	318100 173700
46	<b>Pollution Incidents to Controlled Waters</b> Property Type: Land Location: Red House Pub Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Not Supplied Incident Date: 3rd May 1995 Incident Reference: 23681 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Direct Discharge Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SE (S)	573	3	318200 173300
47	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Gasworks, GRANGETOWN Authority: Environment Agency, Welsh Region Pollutant: Mud/Clay/Soil Note: Not Supplied Incident Date: 11th May 1992 Incident Reference: 3933 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	708	3	317200 173900
48	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Spur Road, COGAN Authority: Environment Agency, Welsh Region Pollutant: Mud/Clay/Soil Note: Not Supplied Incident Date: 7th April 1996 Incident Reference: 27818 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	881	3	317500 173100
49	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Fiddes Warehouse, Brindley Road, CARDIFF Authority: Environment Agency, Welsh Region Pollutant: Miscellaneous - Fire water / Foam Note: Accident Incident Date: 17th February 1997 Incident Reference: 31293 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Runoff Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	886	3	317000 173970
	<b>River Quality</b> Name: Not Supplied GQA Grade: Unclassified Tidal River Reach: Not Supplied Estimated Distance (km): Not Supplied Flow Rate: Not Supplied Flow Type: Not Supplied Year: 1995	A19SW (NE)	581	3	318553 174558

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
50	<b>Substantiated Pollution Incident Register</b> Authority: Natural Resources Wales Incident Date: 8th May 2008 Incident Reference: 585102 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Pollutant Not Identified: Not Identified	A13NE (NE)	55	2	318147 174168
51	<b>Substantiated Pollution Incident Register</b> Authority: Natural Resources Wales Incident Date: 15th June 2012 Incident Reference: 1005293 Water Impact: Category 2 - Significant Incident Air Impact: Category 3 - Minor Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Crude Sewage Pollutant: Sewage Materials: Grey Water	A8SE (S)	569	2	318092 173298
52	<b>Water Abstractions</b> Operator: City Of Cardiff Council Licence Number: Wa/057/0025/013 Permit Version: Not Supplied Location: Not Supplied Authority: Natural Resources Wales Abstraction: Schools and Colleges: Heat Pump Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18SE (N)	283	2	318104 174494
52	<b>Water Abstractions</b> Operator: City Of Cardiff Council Licence Number: Wa/057/0025/013 Permit Version: Not Supplied Location: Grangetown Nursery School, Corner Of Avondale Rd & Jim Drioscoll Way, Grangetown, Cardiff, Cf11 7dt Authority: Natural Resources Wales Abstraction: Schools and Colleges: Heat Pump Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18SE (N)	283	2	318104 174494
53	<b>Water Abstractions</b> Operator: Cardiff County Council Licence Number: 21/57/25/0077 Permit Version: 2 Location: Cardiff Bay At International Sports Village, Cardiff Authority: Environment Agency, Welsh Region Abstraction: Construction: Dust Suppression Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: International Sports Village, Cardiff Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8SE (S)	637	3	318130 173230

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
53	<p><b>Water Abstractions</b></p> <p>Operator: Taylor Woodrow Construction  Licence Number: 21/57/25/0077  Permit Version: 1  Location: Cardiff Bay At International Sports Village, Cardiff  Authority: Environment Agency, Welsh Region  Abstraction: Construction: Dust Suppression  Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints  Source: Surface  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: International Sports Village, Cardiff  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 18th October 2004  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A8SE (S)	637	3	318130 173230
54	<p><b>Water Abstractions</b></p> <p>Operator: Taylor Woodrow Construction  Licence Number: 21/57/31/0064  Permit Version: 1  Location: River Ely At Victoria Wharf, Cardiff  Authority: Environment Agency, Welsh Region  Abstraction: Construction: Dust Suppression  Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints  Source: Surface  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Cardiff International Sports Village  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 1st April 2008  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A7SE (SW)	888	3	317520 173080
	<p><b>Water Abstractions</b></p> <p>Operator: Cardiff Harbour Authority  Licence Number: 21/57/31/0065  Permit Version: 1  Location: Inland Water Known As River Ely In Cardiff  Authority: Natural Resources Wales  Abstraction: Sports Grounds/Facilities: Fish Pass/Canoe Pass  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 January  Authorised End: 31 December  Permit Start Date: 26th August 2008  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A3NW (S)	1100	2	317960 172760
	<p><b>Water Abstractions</b></p> <p>Operator: Cardiff Harbour Authority  Licence Number: 21/57/31/0065  Permit Version: 1  Location: Inland Water Known As River Ely In Cardiff  Authority: Natural Resources Wales  Abstraction: Sports Grounds/Facilities: Make-Up Or Top Up Water  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 January  Authorised End: 31 December  Permit Start Date: 26th August 2008  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A3NW (S)	1100	2	317960 172760

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Water Abstractions</b></p> <p>Operator: Cardiff Harbour Authority  Licence Number: 21/57/31/0065  Permit Version: Not Supplied  Location: Cardiff International White Water, 7 Pierhead View, Penarth, Vale Of Glamorgan, Cf64 1sn  Authority: Natural Resources Wales  Abstraction: Sports Grounds/Facilities: Make-Up Or Top Up Water  Abstraction Type: Water may be abstracted from any point within an area  Source: Surface  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Not Supplied  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: Not Supplied  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A3NW (S)	1131	2	317929 172729
	<p><b>Water Abstractions</b></p> <p>Operator: S A Brain &amp; Co Ltd  Licence Number: 21/57/25/0029  Permit Version: 101  Location: Well At The Brewery (Point B)  Authority: Natural Resources Wales  Abstraction: Breweries/Wine: Non-Evaporative Cooling  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Not Supplied  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 20th October 2008  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A23NE (N)	1469	2	318140 175680
	<p><b>Water Abstractions</b></p> <p>Operator: S A Brain &amp; Co Ltd  Licence Number: 21/57/25/0029  Permit Version: 100  Location: Well At The Brewery (Point B)  Authority: Environment Agency, Welsh Region  Abstraction: Breweries/Wine: Non-Evaporative Cooling  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Not Supplied  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 19th April 1999  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A23NE (N)	1469	3	318140 175680
	<p><b>Water Abstractions</b></p> <p>Operator: S A Brain &amp; Co Ltd  Licence Number: 21/57/25/0029  Permit Version: Not Supplied  Location: Abstraction From Wells At The Brewery  Authority: Natural Resources Wales  Abstraction: Breweries/Wine: Non-Evaporative Cooling  Abstraction Type: Water may be abstracted from any point within an area  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Not Supplied  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: Not Supplied  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A23NE (N)	1469	2	318140 175680

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Water Abstractions</b></p> <p>Operator: S A Brain &amp; Co Ltd  Licence Number: 21/57/25/0029  Permit Version: 101  Location: Well At The Brewery (Point A)  Authority: Natural Resources Wales  Abstraction: Breweries/Wine: Non-Evaporative Cooling  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Not Supplied  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 20th October 2008  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A23NE (N)	1510	2	318160 175720
	<p><b>Water Abstractions</b></p> <p>Operator: S A Brain &amp; Co Ltd  Licence Number: 21/57/25/0029  Permit Version: 100  Location: Well At The Brewery (Point A)  Authority: Environment Agency, Welsh Region  Abstraction: Breweries/Wine: Non-Evaporative Cooling  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Not Supplied  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 19th April 1999  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A23NE (N)	1510	3	318160 175720
	<p><b>Water Abstractions</b></p> <p>Operator: Initial Textiles Services  Licence Number: 21/57/25/0067  Permit Version: 100  Location: Borehole At Initial Laundry  Authority: Environment Agency, Welsh Region  Abstraction: Laundry: General Washing/Process Washing  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Not Supplied  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 16th August 2004  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	(N)	1625	3	317660 175780
	<p><b>Water Abstractions</b></p> <p>Operator: Cardiff County Council  Licence Number: 21/57/25/0076  Permit Version: 1  Location: River Taff At Wood Street (Millenium Plaza)  Authority: Environment Agency, Welsh Region  Abstraction: Other Industrial/Commercial/Public Services: General Use (Very Low Loss)  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Pumping Station At Wood Street, Cardiff  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 21st May 2003  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	(N)	1738	3	317900 175940

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Water Abstractions</b></p> <p>Operator: Celsa Manufacturing (Uk) Ltd  Licence Number: 21/57/25/0048  Permit Version: 102  Location: East Bute Dock  Authority: Natural Resources Wales  Abstraction: Metal: Evaporative Cooling  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: 30th April 2015  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A25SE (NE)	1741	2	319491 175241
	<p><b>Water Abstractions</b></p> <p>Operator: Celsa Manufacturing (Uk) Ltd  Licence Number: 21/57/25/0048  Permit Version: Not Supplied  Location: Abstraction From East Bute Dock  Authority: Natural Resources Wales  Abstraction: Metal: Evaporative Cooling  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 January  Authorised End: 31 December  Permit Start Date: Not Supplied  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A25SE (NE)	1741	2	319491 175241
	<p><b>Water Abstractions</b></p> <p>Operator: Celsa Manufacturing (Uk) Ltd  Licence Number: 21/57/25/0048  Permit Version: 101  Location: East Bute Dock  Authority: Natural Resources Wales  Abstraction: Metal: Evaporative Cooling  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 January  Authorised End: 31 December  Permit Start Date: 16th August 2004  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A25SE (NE)	1770	2	319520 175250
	<p><b>Water Abstractions</b></p> <p>Operator: Allied Steel &amp; Wire Plc  Licence Number: 21/57/25/0048  Permit Version: 100  Location: East Bute Dock  Authority: Environment Agency, Welsh Region  Abstraction: Metal: Evaporative Cooling  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: EAST BUTE DOCK  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 3rd November 1999  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A25SE (NE)	1770	3	319520 175250



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Water Abstractions</b></p> <p>Operator: S A Brain &amp; Co Ltd  Licence Number: 21/57/25/0028  Permit Version: 100  Location: Well At The Old Brewery (Point C)  Authority: Environment Agency, Welsh Region  Abstraction: Breweries/Wine: Non-Evaporative Cooling  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Not Supplied  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 21st May 1999  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	(N)	1905	3	318340 176100
	<p><b>Water Abstractions</b></p> <p>Operator: S A Brain &amp; Co Ltd  Licence Number: 21/57/25/0028  Permit Version: 100  Location: Well At The Old Brewery (Point A)  Authority: Environment Agency, Welsh Region  Abstraction: Breweries/Wine: Non-Evaporative Cooling  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Not Supplied  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 21st May 1999  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	(N)	1928	3	318360 176120
	<p><b>Water Abstractions</b></p> <p>Operator: S A Brain &amp; Co Ltd  Licence Number: 21/57/25/0028  Permit Version: 100  Location: Well At The Old Brewery (Point B)  Authority: Environment Agency, Welsh Region  Abstraction: Breweries/Wine: Non-Evaporative Cooling  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Not Supplied  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 21st May 1999  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	(N)	1935	3	318340 176130
	<p><b>Water Abstractions</b></p> <p>Operator: Welsh Rugby Union  Licence Number: 21/57/25/0061  Permit Version: 100  Location: Borehole At Cardiff Arms Park (Point A)  Authority: Environment Agency, Welsh Region  Abstraction: Sports Grounds/Facilities: Spray Irrigation - Direct  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Not Supplied  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 23rd February 1993  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	(N)	1955	3	317920 176160

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Water Abstractions</b></p> <p>Operator: Cardiff Rugby Football Club Limited  Licence Number: 21/57/25/0062  Permit Version: 100  Location: Borehole At Cardiff Athletic Club  Authority: Environment Agency, Welsh Region  Abstraction: Sports Grounds/Facilities: Spray Irrigation - Direct  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Not Supplied  Authorised Start: 01 April  Authorised End: 30 September  Permit Start Date: 1st April 2008  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	(N)	1957	3	317959 176165
	<p><b>Water Abstractions</b></p> <p>Operator: Welsh Rugby Union  Licence Number: 21/57/25/0061  Permit Version: 100  Location: Borehole At Cardiff Arms Park (Point B)  Authority: Environment Agency, Welsh Region  Abstraction: Sports Grounds/Facilities: Spray Irrigation - Direct  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Not Supplied  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 23rd February 1993  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	(N)	1989	3	318140 176200
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability  Combined Vulnerability: Medium  Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer  Pollutant Speed: Intermediate  Bedrock Flow: Well Connected Fractures  Dilution: &gt;550 mm/year  Baseflow Index: &gt;70%  Superficial Patchiness: &gt;90%  Superficial Thickness: &gt;10m  Superficial Recharge: Low</p>	A13SE (W)	0	2	318000 174028
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability  Combined Vulnerability: Medium  Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer  Pollutant Speed: Intermediate  Bedrock Flow: Well Connected Fractures  Dilution: &gt;550 mm/year  Baseflow Index: &gt;70%  Superficial Patchiness: &gt;90%  Superficial Thickness: &gt;10m  Superficial Recharge: Low</p>	A13SE (NE)	0	2	318014 174028

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: >10m Superficial Recharge: Low	A13SE (SW)	0	2	318000 174000
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: No Data	A13SE (S)	0	2	318014 174000
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - B	A13SE (NE)	0	2	318014 174028
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	A13SE (NE)	0	2	318014 174028
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (NE)	0	2	318104 174099
	<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	A13NE (NE)	0	2	318102 174104
	<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	A13SE (SE)	0	2	318097 173874
	<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	A13SE (SE)	0	2	318116 173932
	<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	A13SE (SE)	0	2	318076 173993
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial/Tidal Models Boundary Accuracy: As Supplied	A13NE (NE)	0	2	318092 174092
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial/Tidal Models Boundary Accuracy: As Supplied	A13SE (E)	1	2	318116 174028
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SE (SE)	2	2	318120 173904

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SE (SE)	3	2	318116 173932
	<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	A13NE (NE)	6	2	318106 174173
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (NE)	11	2	318104 174187
	<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	A13NE (NE)	12	2	318106 174193
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (NE)	13	2	318104 174197
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (NE)	13	2	318106 174171
	<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	A13NE (NE)	14	2	318104 174210
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SE (SE)	24	2	318124 173844
	<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	A13SE (SE)	29	2	318125 173839
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SE (SE)	55	2	318132 173815
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (NE)	56	2	318148 174184
	<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	A13SE (SE)	61	2	318135 173809
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SE (SE)	67	2	318136 173803
	<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	A13SE (SE)	69	2	318136 173801
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (N)	96	2	318074 174307
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SE (SE)	97	2	318144 173774

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<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	A13SE (SE)	101	2	318146 173770
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SE (SE)	128	2	318152 173745
	<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	A13SE (SE)	133	2	318156 173740
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SE (SE)	140	2	318156 173733
	<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	A13SE (S)	141	2	318107 173724
	<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	A13NW (W)	148	2	317726 174101
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (W)	148	2	317726 174092
	<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	A13NW (W)	149	2	317736 174041
	<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	A13NW (W)	150	2	317726 174081
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (W)	151	2	317722 174104
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (W)	152	2	317731 174064
	<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	A13NW (W)	157	2	317716 174121
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (W)	158	2	317738 174028
	<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	A13NW (W)	161	2	317716 174080
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (W)	164	2	317716 174071
	<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)	164	2	317730 174034

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<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	A13NW (W)	165	2	317724 174044
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (W)	165	2	317726 174042
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (W)	166	2	317706 174134
	<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	A13NW (W)	167	2	317716 174063
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (W)	167	2	317716 174061
	<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	A13NW (W)	168	2	317706 174141
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SE (SE)	170	2	318164 173704
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (W)	171	2	317706 174083
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18SE (N)	177	2	318054 174386
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (W)	178	2	317696 174091
	<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	A13NW (W)	179	2	317696 174084
	<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	A18SE (N)	180	2	318054 174389
	<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	A13NW (NW)	181	2	317696 174161
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (W)	181	2	317694 174156
	<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	A13NW (W)	182	2	317692 174095
	<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	A13NE (E)	182	2	318298 174092

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<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	A13NW (NW)	184	2	317823 174305
	<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	A13NW (W)	184	2	317688 174120
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18SE (N)	185	2	318054 174395
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (W)	186	2	317686 174122
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (W)	186	2	317686 174111
	<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	A18SE (N)	192	2	318049 174401
	<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	A13NW (NW)	193	2	317754 174275
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	193	2	317686 174174
	<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	A13NW (NW)	196	2	317686 174181
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	204	2	317825 174327
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	213	2	317757 174303
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	213	2	317678 174212
	<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	A13NW (NW)	214	2	317773 174314
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A12NE (W)	218	2	317656 174151
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	218	2	317781 174323
	<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	A13NW (NW)	220	2	317676 174221

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	220	2	317713 174274
	<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	A12NE (W)	221	2	317654 174154
	<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	A13NW (NW)	228	2	317702 174274
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A12NE (W)	231	2	317646 174171
	<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	A12NE (NW)	231	2	317648 174180
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	234	2	317666 174234
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18SE (N)	234	2	318084 174446
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	236	2	317670 174244
	<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	A13NW (NW)	238	2	317666 174241
	<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	A13NE (NE)	0	2	318094 174065
	<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	A13SE (SE)	0	2	318116 173871
	<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	A13NE (NE)	0	2	318075 174134
	<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	A13SE (SE)	1	2	318116 173932
	<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	A13SE (SE)	1	2	318117 173874
	<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	A13SE (E)	1	2	318114 174009
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial/Tidal Models Boundary Accuracy: As Supplied	A13SE (E)	1	2	318116 174028



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: Fluvial Models Boundary Accuracy: As Supplied	A13SE (SE)	1	2	318116 173872
	<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	A13NE (NE)	2	2	318114 174095
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SE (SE)	2	2	318120 173914
	<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	A13NE (NE)	3	2	318114 174085
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SE (SE)	3	2	318116 173864
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SE (SE)	3	2	318116 173932
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (NE)	5	2	318116 174091
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (NE)	6	2	318116 174081
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SE (E)	9	2	318116 174013
	<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	A13SE (SE)	29	2	318125 173839
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SE (SE)	35	2	318128 173834
	<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	A13NE (NE)	49	2	318135 174224
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (NE)	56	2	318148 174164
	<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	A13SE (SE)	61	2	318135 173809
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (NE)	64	2	318144 174244
	<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	A13NE (NE)	65	2	318145 174249

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: Fluvial Models Boundary Accuracy: As Supplied	A13SE (SE)	67	2	318136 173803
	<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	A13SE (SE)	69	2	318136 173801
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SE (SE)	77	2	318140 173794
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (NE)	87	2	318144 174276
	<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	A13SE (SE)	101	2	318146 173770
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SE (SE)	108	2	318148 173764
	<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	A13SE (SE)	133	2	318156 173740
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SE (SE)	139	2	318156 173734
	<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	A13SE (SE)	173	2	318166 173702
	<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	A13NE (E)	182	2	318298 174092
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A8NE (SE)	191	2	318172 173684
	<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	A8NE (SE)	198	2	318174 173678
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A8NE (SE)	203	2	318176 173673
	<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	A8NE (SE)	205	2	318176 173671
	<b>Areas Benefiting from Flood Defences</b> Type: Area Benefiting from Flood Defences Boundary Accuracy: As Supplied	A13NE (NE)	0	2	318094 174065
	<b>Areas Benefiting from Flood Defences</b> Type: Area Benefiting from Flood Defences Boundary Accuracy: As Supplied	A13NE (NE)	0	2	318075 174134
	<b>Areas Benefiting from Flood Defences</b> Type: Area Benefiting from Flood Defences Boundary Accuracy: As Supplied	A13SE (E)	1	2	318114 174009

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Areas Benefiting from Flood Defences</b> Type: Area Benefiting from Flood Defences Boundary Accuracy: As Supplied	A13NE (NE)	2	2	318114 174095
	<b>Areas Benefiting from Flood Defences</b> Type: Area Benefiting from Flood Defences Boundary Accuracy: As Supplied	A13NE (E)	182	2	318298 174092
	<b>Areas Benefiting from Flood Defences</b> Type: Area Benefiting from Flood Defences Boundary Accuracy: As Supplied	A8NE (SE)	205	2	318176 173671
	<b>Flood Water Storage Areas</b> None				
	<b>Flood Defences</b> None				
55	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1549.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (E)	91	5	318206 174067
56	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 221.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (W)	306	5	317603 173933
57	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 90.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (SW)	333	5	317613 173793
58	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 68.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (W)	334	5	317563 173997
59	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 69.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	369	5	317512 174045
60	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 5.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (SW)	372	5	317607 173704
61	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 6.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (SW)	372	5	317607 173704

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
62	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 147.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NE (SW)	374	5	317607 173698
63	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 12.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (SW)	378	5	317600 173703
64	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 136.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (W)	378	5	317537 173907
65	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 103.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (W)	380	5	317543 173859
66	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 9.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NE (SW)	390	5	317591 173694
67	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 75.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NE (SW)	399	5	317585 173687
68	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 205.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	424	5	317454 174054
69	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 133.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (W)	428	5	317477 173959
70	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 32.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (SW)	432	5	317520 173757

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
71	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 315.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (SW)	453	5	317512 173724
72	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 227.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (SW)	475	5	317462 173791
73	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 172.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (W)	509	5	317422 173813
74	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 73.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (W)	537	5	317385 173859
75	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 34.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SW (NE)	559	5	318498 174590
76	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1543.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SW (NE)	566	5	318525 174571
77	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 253.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (W)	600	5	317329 173810
78	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 82.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SW (W)	600	5	317319 173878
79	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 387.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NW (W)	607	5	317278 174246

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
80	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 265.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SW (W)	672	5	317255 173815
81	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 400.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon EIĀĵi Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SW (W)	734	5	317189 173829
82	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 89.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon EIĀĵi Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SW (W)	784	5	317121 173899
83	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 30.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NW (SW)	812	5	317225 173483
84	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1033.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NE (SE)	814	5	318826 173464
85	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 601.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NE (SE)	814	5	318783 173403
86	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 306.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon EIĀĵi Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NW (SW)	831	5	317199 173495
87	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 95.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon EIĀĵi Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NW (SW)	831	5	317199 173495
88	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 236.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon EIĀĵi Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SW (W)	853	5	317047 173908

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
89	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 62.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NW (SW)	866	5	317132 173560
90	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 465.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon EIÄĵi Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7SE (SW)	874	5	317331 173238
91	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 305.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7SE (SW)	874	5	317331 173238
92	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 360.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon EIÄĵi Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A11SE (W)	964	5	316981 173699
93	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 72.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A16SE (NW)	990	5	316967 174523
94	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 396.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A16SE (W)	991	5	316939 174456
95	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 21.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A11SE (W)	992	5	316940 173755

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
96	<b>BGS Recorded Landfill Sites</b> Site Name: British Gas Corp Location: Grangetown Works, CARDIFF, South Glamorgan Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Derived	A12NE (W)	343	-	317530 174107
97	<b>BGS Recorded Landfill Sites</b> Site Name: River Loops Location: Penarth Moors, Ferry Rd, CARDIFF, South Glamorgan Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Derived	A12SE (SW)	387	-	317550 173807
98	<b>BGS Recorded Landfill Sites</b> Site Name: Leckwith River Loop Location: Hadfield Rd, CARDIFF, South Glamorgan Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate	A16SE (W)	998	-	316931 174454
99	<b>Historical Landfill Sites</b> Licence Holder: Cardiff Corporation Location: Ferry Road, Cardiff Name: The Marl Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15183 First Input Date: 31st December 1936 Last Input Date: 31st December 1945 Specified Waste Type: Deposited Waste included Inert, Industrial, Commercial, Household and Special Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6815/0099 BGS Ref: Not Supplied Other Ref: Not Supplied	A13SE (NE)	0	2	318014 174028
100	<b>Historical Landfill Sites</b> Licence Holder: Not Supplied Location: Ferry Road Name: Northern Old Clay Pit Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15186 First Input Date: 31st December 1920 Last Input Date: 31st December 1944 Specified Waste Type: Deposited Waste included Inert, Industrial, Commercial, Household and Special Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6815/0076 BGS Ref: Not Supplied Other Ref: Not Supplied	A13SW (W)	153	2	317751 173943
101	<b>Historical Landfill Sites</b> Licence Holder: Not Supplied Location: Grangetown Works, Cardiff, South Glamorgan Name: British Gas Corporation Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD31200 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Type: Not Supplied EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: 2049 Other Ref: Not Supplied	A13SW (SW)	159	2	317758 173912



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
102	<p><b>Historical Landfill Sites</b></p> <p>Licence Holder: Davies - Middleton Davies Limited            Location: Butetown, Cardiff            Name: Hamadryadd No.2            Operator Location: Not Supplied            Boundary Accuracy: As Supplied            Provider Reference: EAHLD15161            First Input Date: 30th March 1994            Last Input Date: 30th June 1996            Specified Waste: Deposited Waste included Inert, Industrial and Household Waste            Type:            EA Waste Ref: 0            Regis Ref: Not Supplied            WRC Ref: 6815/0046            BGS Ref: Not Supplied            Other Ref: SEA/WREG/01/HAM</p>	A13NE (E)	169	2	318281 174105
103	<p><b>Historical Landfill Sites</b></p> <p>Licence Holder: Not Supplied            Location: Ferry Road            Name: Southern Old Clay at Ferry Road            Operator Location: Not Supplied            Boundary Accuracy: As Supplied            Provider Reference: EAHLD15201            First Input Date: 31st December 1920            Last Input Date: 31st December 1944            Specified Waste: Deposited Waste included Inert, Industrial, Commercial, Household and            Type: Special Waste            EA Waste Ref: 0            Regis Ref: Not Supplied            WRC Ref: 6815/0096            BGS Ref: Not Supplied            Other Ref: Not Supplied</p>	A13SW (SW)	232	2	317753 173726
104	<p><b>Historical Landfill Sites</b></p> <p>Licence Holder: Davies - Middleton Davies Limited            Location: Ferry Road, Cardiff            Name: Land at North of the Red House Public House Prospect Place            Operator Location: Not Supplied            Boundary Accuracy: As Supplied            Provider Reference: EAHLD15170            First Input Date: 31st January 1998            Last Input Date: 16th September 1999            Specified Waste: Deposited Waste included Inert, Industrial and Household Waste            Type:            EA Waste Ref: 0            Regis Ref: Not Supplied            WRC Ref: 6815/0119            BGS Ref: Not Supplied            Other Ref: SEW/216, 588</p>	A8NW (S)	266	2	317978 173577
105	<p><b>Historical Landfill Sites</b></p> <p>Licence Holder: Davies - Middleton Davies Limited            Location: Butetown Link Landfill, South Of Hamadryad Hospital, Ferry Road Foreshore, Cardiff, S Glamorgan            Name: Butetown Link Landfill South Of Hamadryad Hospital            Operator Location: Not Supplied            Boundary Accuracy: As Supplied            Provider Reference: EAHLD15160            First Input Date: 16th March 1992            Last Input Date: 31st December 1993            Specified Waste: Deposited Waste included Inert, Industrial and Household Waste            Type:            EA Waste Ref: 30060            Regis Ref: WU1/L/DAV001            WRC Ref: 6815/0045            BGS Ref: Not Supplied            Other Ref: SEA/WREG/01/HAMA, 92/01</p>	A14NW (NE)	269	2	318359 174224

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
106	<p><b>Historical Landfill Sites</b></p> <p>Licence Holder: Edmund Nuttall Limited            Location: Butetown, Cardiff            Name: Hamadryad Embankment Phase 1            Operator Location: Not Supplied            Boundary Accuracy: As Supplied            Provider Reference: EAHLD15184            First Input Date: 6th February 1991            Last Input Date: 31st December 1991            Specified Waste: Deposited Waste included Inert, Industrial and Household Waste            Type:            EA Waste Ref: 0            Regis Ref: Not Supplied            WRC Ref: 6815/0047            BGS Ref: Not Supplied            Other Ref: 91/02</p>	A14NW (NE)	273	2	318368 174222
107	<p><b>Historical Landfill Sites</b></p> <p>Licence Holder: Cardiff Bay Development Corporation            Location: Former Municipal Landfill Site, Ferry Road, Grangetown, Cardiff            Name: Ferry Road No.2            Operator Location: Not Supplied            Boundary Accuracy: As Supplied            Provider Reference: EAHLD15158            First Input Date: 31st December 1970            Last Input Date: 31st December 1977            Specified Waste: Deposited Waste included Inert, Industrial, Commercial, Household and            Type: Special Waste            EA Waste Ref: 0            Regis Ref: Not Supplied            WRC Ref: 6815/0028            BGS Ref: Not Supplied            Other Ref: 96/07</p>	A12SE (W)	290	2	317624 173913
108	<p><b>Historical Landfill Sites</b></p> <p>Licence Holder: Cardiff City Council            Location: Penarth Moors, Ferry Road, Cardiff, South Glamorgan            Name: River Loops            Operator Location: Not Supplied            Boundary Accuracy: As Supplied            Provider Reference: EAHLD15257            First Input Date: 18th September 1972            Last Input Date: 29th March 1994            Specified Waste: Deposited Waste included Inert, Industrial, Commercial, Household and            Type: Special Waste            EA Waste Ref: 0            Regis Ref: Not Supplied            WRC Ref: 6815/0027            BGS Ref: 2047            Other Ref: Not Supplied</p>	A12SE (W)	294	2	317614 173932
109	<p><b>Historical Landfill Sites</b></p> <p>Licence Holder: W T Davies Transport Limited            Location: Cardiff            Name: Avondale Road            Operator Location: Not Supplied            Boundary Accuracy: As Supplied            Provider Reference: EAHLD15235            First Input Date: 24th June 1981            Last Input Date: 31st December 1982            Specified Waste: Deposited Waste included Inert, Industrial, Commercial and Household Waste            Type:            EA Waste Ref: 0            Regis Ref: Not Supplied            WRC Ref: 6815/0004            BGS Ref: Not Supplied            Other Ref: 2/81</p>	A19SW (NE)	378	2	318352 174482
110	<p><b>Historical Landfill Sites</b></p> <p>Licence Holder: Not Supplied            Location: Ferry Road            Name: Peninsula Clay Pit            Operator Location: Not Supplied            Boundary Accuracy: As Supplied            Provider Reference: EAHLD15229            First Input Date: 31st December 1942            Last Input Date: 31st December 1948            Specified Waste: Deposited Waste included Inert and Industrial Waste            Type:            EA Waste Ref: 0            Regis Ref: Not Supplied            WRC Ref: 6815/0080            BGS Ref: Not Supplied            Other Ref: Not Supplied</p>	A7NE (SW)	460	2	317586 173572

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
111	<b>Historical Landfill Sites</b> Licence Holder: British Gas Corporation Location: Ferry Road, Cardiff Name: Wales Gas Disposal Site Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15182 First Input Date: 31st December 1960 Last Input Date: 31st December 1985 Specified Waste: Deposited Waste included Inert Waste and Liquid Sludge Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6815/0113 BGS Ref: Not Supplied Other Ref: 5/77	A12SE (W)	522	2	317369 173988
112	<b>Historical Landfill Sites</b> Licence Holder: Ocean Developments Limited Location: Taff Island Landfill, Clarence Road Bridge, Butetown, Cardiff Name: Taffs Island Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15169 First Input Date: 30th June 1993 Last Input Date: Not Supplied Specified Waste: Deposited Waste included Inert, Industrial and Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6815/0098 BGS Ref: Not Supplied Other Ref: SEA/WREG/01/OCEAN	A19SW (NE)	575	2	318549 174554
113	<b>Historical Landfill Sites</b> Licence Holder: Ocean Developments Limited Location: North of Clarence Road Bridge, Cardiff Name: Old River Bed Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15167 First Input Date: 24th August 1992 Last Input Date: Not Supplied Specified Waste: Deposited Waste included Inert, Industrial and Household Waste Type: EA Waste Ref: 30064 Regis Ref: WU1/L/OCE001 WRC Ref: 6815/0118 BGS Ref: Not Supplied Other Ref: 92/15, SEA/WREG/01/OCEAN	A19SW (NE)	575	2	318549 174554
114	<b>Historical Landfill Sites</b> Licence Holder: Cardiff Corporation Location: Cardiff, South Glamorganshire Name: Glamorganshire Canal Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15236 First Input Date: 30th December 1931 Last Input Date: 31st December 1950 Specified Waste: Deposited Waste included Inert, Industrial, Commercial and Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6815/0038 BGS Ref: Not Supplied Other Ref: 6815/0039	A14NE (E)	599	2	318681 174300
115	<b>Historical Landfill Sites</b> Licence Holder: Not Supplied Location: Upper Grangetown Name: Upper Grangetown Brickworks Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15193 First Input Date: 31st December 1876 Last Input Date: 31st December 1890 Specified Waste: Deposited Waste included Inert, Industrial, Commercial, Household and Type: Special Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6815/0112 BGS Ref: Not Supplied Other Ref: Not Supplied	A18NW (N)	620	2	317808 174769

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
116	<b>Historical Landfill Sites</b> Licence Holder: Not Supplied Location: Cardiff Name: Timber Pond Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15244 First Input Date: 31st December 1936 Last Input Date: 31st December 1939 Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6815/0103 BGS Ref: Not Supplied Other Ref: Not Supplied	A23SE (N)	928	2	318281 175119
117	<b>Historical Landfill Sites</b> Licence Holder: W T Davies Transport Limited Location: Cardiff Name: Hadfield Road Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15265 First Input Date: 31st December 1986 Last Input Date: 31st December 1991 Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6815/0043 BGS Ref: Not Supplied Other Ref: 4/86	A17SW (NW)	976	2	317012 174584
118	<b>Historical Landfill Sites</b> Licence Holder: Not Supplied Location: Ferry Road Name: Tidal Harbour Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15185 First Input Date: 31st December 1963 Last Input Date: 31st December 1973 Specified Waste: Deposited Waste included Inert and Industrial Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6815/0101 BGS Ref: Not Supplied Other Ref: Not Supplied	A3NE (S)	990	2	318118 172876
119	<b>Historical Landfill Sites</b> Licence Holder: Not Supplied Location: Hadfield Road, Cardiff, South Glamorgan Name: Leckwith River Loop. Hadfield Road Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15247 First Input Date: 31st December 1956 Last Input Date: 31st December 1974 Specified Waste: Deposited Waste included Inert, Industrial, Commercial, Household and Type: Special Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6815/0061 BGS Ref: 2045 Other Ref: Not Supplied	A16SE (W)	995	2	316930 174441
120	<b>Licensed Waste Management Facilities (Landfill Boundaries)</b> Name: Butetown Link Landfill South Of Hamadryad Hospital Licence Number: 30060 Location: Butetown Link Landfill, South Of Hamadryad Hospital, Ferry Road Foreshore, Cardiff, S Glam, CF1 7DX Licence Holder: Davies Middleton Davies Ltd Authority: Natural Resources Wales Site Category: Landfills Taking Other Wastes (Construction, Demolition, Dredgings) Max Input Rate: Large (Equal to or greater than 75,000 tonnes per year) <b>Licence Status:</b> Inactive Issued: 16th March 1992 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A13NE (E)	147	2	318261 174083

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
121	<p><b>Licensed Waste Management Facilities (Landfill Boundaries)</b></p> <p>Name: Ferry Road Landfill  Licence Number: 30179  Location: Ferry Road, Grangetown, Cardiff, Glamorgan, CF11 0JL  Licence Holder: The County Council Of The City &amp; County Of Cardiff  Authority: Natural Resources Wales  Site Category: Other Landfill Sites Taking Special Waste  Max Input Rate: Not Supplied  <b>Licence Status: Closure</b>  Issued: 6th February 1996  Positional Accuracy: Positioned by the supplier  Boundary Accuracy: As Supplied</p>	A12SE (W)	308	2	317600 173941
122	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: 30060  Location: Butetown Link Landfill, Ferry Road, Grangetown, Cardiff, Glamorgan, CF11 7DX  Operator Name: Davies Middleton Davies Ltd  Operator Location: Not Supplied  Authority: Natural Resources Wales  Site Category: Landfills Taking Other Wastes (Construction, Demolition, Dredgings)  <b>Licence Status: Surrendered</b>  Issued: 16th March 1992  Last Modified: 4th November 1994  Expires: Not Supplied  Suspended: Not Supplied  Revoked: Not Supplied  Surrendered: 13th September 2001  IPPC Reference: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A14NW (NE)	440	2	318529 174253
123	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: 30005  Location: Ferry Road, Grangetown, Cardiff, Glamorgan, CF11 0XR  Operator Name: British Gas Plc Wales  Operator Location: Not Supplied  Authority: Natural Resources Wales  Site Category: Transfer Stations Taking Non-biodegradable Wastes  <b>Licence Status: To PPC</b>  Issued: 25th November 1977  Last Modified: 29th December 1995  Expires: Not Supplied  Suspended: Not Supplied  Revoked: Not Supplied  Surrendered: 25th September 2000  IPPC Reference: BM4635IH  Positional Accuracy: Located by supplier to within 10m</p>	A12NE (NW)	485	2	317443 174348
124	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: BP3795FD  Location: Ferry Road Landfill, Ferry Road, Grangetown, Cardiff, Glamorgan, Cardiff, CF11 0JL  Operator Name: The City of Cardiff Council  Operator Location: Not Supplied  Authority: Natural Resources Wales  Site Category: Other Landfill Sites Taking Special Waste  <b>Licence Status: Effective</b>  Issued: 6th February 1996  Last Modified: Not Supplied  Expires: 5th May 2003  Suspended: Not Supplied  Revoked: Not Supplied  Surrendered: Not Supplied  IPPC Reference: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	765	2	317268 173504
124	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: 30179  Location: Ferry Road, Grangetown, Cardiff, CF11 0JL  Operator Name: The County Council Of The City &amp; County Of Cardiff  Operator Location: Not Supplied  Authority: Natural Resources Wales  Site Category: Other Landfill Sites Taking Special Waste  <b>Licence Status: Closed</b>  Issued: 6th February 1996  Last Modified: Not Supplied  Expires: Not Supplied  Suspended: Not Supplied  Revoked: Not Supplied  Surrendered: Not Supplied  IPPC Reference: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	765	2	317268 173504

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
125	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: GB3793HR            Location: Stadium Close Waste Transfer Station, Stadium Close, Cardiff, Cardiff, CF11 8TS            Operator Name: Reactive Integrated Services Ltd            Operator Location: Not Supplied            Authority: Natural Resources Wales            Site Category: Asbestos Waste Transfer Station  <b>Licence Status: Effective</b>            Issued: 17th October 2007            Last Modified: Not Supplied            Expires: 18th January 2016            Suspended: Not Supplied            Revoked: Not Supplied            Surrendered: Not Supplied            IPPC Reference: Not Supplied            Positional Accuracy: Located by supplier to within 10m</p>	A12NW (W)	802	2	317070 174132
125	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: 100145            Location: Unit 6, Stadium Close, Cardiff, CF11 8TS            Operator Name: Reactive Integrated Services Ltd            Operator Location: Not Supplied            Authority: Natural Resources Wales            Site Category: Asbestos Waste Transfer Station  <b>Licence Status: Transferred</b>            Issued: 17th October 2007            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>	A12NW (W)	802	2	317070 174132
126	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: 30064            Location: Taff Island Landfill, Clarence Road Bridge, Butetown, Cardiff, Glamorgan, CF11 6JA            Operator Name: Ocean Developments Ltd            Operator Location: Not Supplied            Authority: Natural Resources Wales            Site Category: Landfills Taking Non-biodegradeable Wastes (Not Construction)  <b>Licence Status: Surrendered</b>            Issued: 4th June 1995            Last Modified: Not Supplied            Expires: Not Supplied            Suspended: Not Supplied            Revoked: Not Supplied            Surrendered: 24th December 1999            IPPC Reference: Not Supplied            Positional Accuracy: Located by supplier to within 10m</p>	A19NW (NE)	838	2	318609 174866
127	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: WP3495FF            Location: Cardiff Arms Salvage, Cardiff, Glamorgan, Cardiff, CF10 5FX            Operator Name: Michael Sven Cronk            Operator Location: Not Supplied            Authority: Natural Resources Wales            Site Category: End of Life Vehicles  <b>Licence Status: Effective</b>            Issued: 22nd August 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>	A23SE (N)	880	2	318210 175083

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
127	<b>Licensed Waste Management Facilities (Locations)</b> Licence Number: 30365 Location: Cardiff Arms Salvage, 9 Curran Embankment, Cardiff, CF10 5FX Operator Name: Cronk Michael Sven Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: End of Life Vehicles <b>Licence Status: Issued</b> Issued: 22nd August 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	A23SE (N)	880	2	318210 175083
127	<b>Licensed Waste Management Facilities (Locations)</b> Licence Number: DB3697TH Location: S M H Products Ltd, Cardiff, Glamorgan, Cardiff, CF10 5DF Operator Name: S M H Products Limited Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Asbestos Waste Transfer Station <b>Licence Status: Surrendered</b> Issued: 29th November 2013 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 15th September 2015 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A23SE (N)	909	2	318221 175111
128	<b>Licensed Waste Management Facilities (Locations)</b> Licence Number: CP3899FG Location: Curran Embankment Transfer Station, Cardiff, Glamorgan, Cardiff, CF10 5FX Operator Name: Biffa Waste Services Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Special Waste Transfer Stations <b>Licence Status: Expired</b> Issued: 27th March 1990 Last Modified: Not Supplied Expires: 25th May 2006 Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A23SE (N)	999	2	318285 175191
128	<b>Licensed Waste Management Facilities (Locations)</b> Licence Number: 30032 Location: Plot 3, Curran Embankment, Cardiff, Glamorgan, CF10 5FX Operator Name: Biffa Waste Management Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Special Waste Transfer Stations <b>Licence Status: To PPC</b> Issued: 27th March 1990 Last Modified: 24th June 2003 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: SP3031SJ Positional Accuracy: Located by supplier to within 10m	A23SE (N)	999	2	318285 175191
	<b>Local Authority Landfill Coverage</b> Name: Cardiff Council - Has no landfill data to supply		0	6	318014 174028
	<b>Local Authority Landfill Coverage</b> Name: Vale Of Glamorgan County Borough Council - Has supplied landfill data		732	7	317191 173833
129	<b>Potentially Infilled Land (Non-Water)</b> Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1996	A13SW (SW)	140	-	317813 173806

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
130	<b>Potentially Infilled Land (Non-Water)</b> Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1996	A13SW (SW)	150	-	317758 173920
131	<b>Potentially Infilled Land (Non-Water)</b> Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1996	A13SW (SW)	227	-	317757 173733
132	<b>Potentially Infilled Land (Non-Water)</b> Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1996	A7NE (SW)	428	-	317610 173594
133	<b>Potentially Infilled Land (Non-Water)</b> Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1995	A18SW (N)	570	-	317784 174706
134	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A13SE (NE)	0	-	318014 174028
135	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A13SW (W)	36	-	317885 173980
136	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A13NW (NW)	49	-	317857 174176
137	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A13SE (S)	50	-	318009 173809
138	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A13NW (NW)	67	-	317928 174220
139	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A13NE (N)	121	-	318127 174325
140	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A13SE (S)	143	-	318027 173721
141	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A13NW (NW)	154	-	317810 174267
142	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A13NW (W)	189	-	317684 174109
143	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A12NE (W)	228	-	317650 174172
144	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A8NW (SW)	245	-	317832 173642
145	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A12NE (NW)	270	-	317634 174251
146	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A12SE (W)	292	-	317615 173943
147	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A18SE (N)	301	-	318071 174512
148	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A12SE (W)	307	-	317605 173901
149	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1947	A8NE (S)	309	-	318027 173562



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
150	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A8NW (SW)	324	-	317816 173563
151	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A8NW (S)	419	-	317974 173443
152	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A18SE (N)	428	-	318103 174640
153	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A17SE (NW)	446	-	317582 174461
154	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A14NW (E)	462	-	318571 174163
155	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A18SE (N)	479	-	318120 174690
156	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A12NE (W)	513	-	317363 174188
157	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A8NW (SW)	518	-	317738 173385
158	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A8SW (S)	547	-	317960 173314
159	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A8SW (S)	551	-	317989 173311
160	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A12NW (W)	558	-	317316 174166
161	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A12NW (W)	559	-	317317 174059
162	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A12NW (W)	586	-	317288 174158
163	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A19SW (NE)	613	-	318581 174574
164	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A18NW (N)	616	-	317970 174817
165	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A7SE (SW)	617	-	317592 173354
166	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A19NW (NE)	619	-	318420 174734
167	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A18NW (N)	630	-	317965 174830
168	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A17SW (NW)	631	-	317310 174410
169	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A7NE (SW)	631	-	317358 173627
170	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A12SW (W)	644	-	317286 173803

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
171	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A7SE (SW)	650	-	317632 173291
172	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A12NW (W)	655	-	317241 174298
173	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A12SW (W)	661	-	317233 173956
174	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A7NE (SW)	678	-	317345 173545
175	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A7SE (SW)	683	-	317526 173320
176	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A7NE (SW)	685	-	317334 173550
177	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A7NW (SW)	691	-	317304 173602
178	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A7NE (SW)	694	-	317356 173493
179	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A18NE (N)	705	-	318264 174894
180	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A7SE (SW)	711	-	317597 173240
181	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A7SE (SW)	714	-	317486 173313
182	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A19SE (NE)	717	-	318769 174436
183	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A7SE (SW)	721	-	317648 173204
184	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A17SE (NW)	724	-	317374 174648
185	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A7SE (SW)	742	-	317486 173276
186	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A17SW (NW)	745	-	317212 174468
187	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A7NE (SW)	750	-	317334 173425
188	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A12NW (W)	751	-	317124 174060
189	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A17SE (NW)	758	-	317379 174698
190	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A7NW (SW)	758	-	317316 173436
191	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A7NE (SW)	759	-	317354 173383

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
192	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A7NW (SW)	761	-	317272 173504
193	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A18NW (N)	766	-	317814 174928
194	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A17SW (NW)	775	-	317178 174469
195	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A7NW (SW)	779	-	317300 173422
196	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A7NW (SW)	782	-	317293 173427
197	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A14NE (E)	782	-	318888 174212
198	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A7NW (SW)	783	-	317296 173421
199	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A7SE (SW)	794	-	317332 173356
200	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A17SW (NW)	801	-	317206 174567
201	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A12SW (W)	803	-	317088 173950
202	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A18NE (N)	803	-	318042 175013
203	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A7SE (SW)	820	-	317393 173253
204	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A19NW (N)	823	-	318378 174981
205	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A17SW (NW)	827	-	317181 174577
206	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A17SW (NW)	827	-	317170 174561
207	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A17SW (NW)	827	-	317221 174632
208	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A19SE (NE)	831	-	318814 174615
209	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A18NE (N)	832	-	318084 175044
210	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A18NE (N)	840	-	318306 175022
211	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A7NW (SW)	842	-	317177 173513
212	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A7SE (SW)	843	-	317329 173284

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
213	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A12NW (W)	847	-	317031 174217
214	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A7SE (SW)	850	-	317353 173249
215	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A7SE (SW)	852	-	317328 173272
216	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A7NW (SW)	865	-	317137 173551
217	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A7NW (SW)	869	-	317131 173554
218	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A23SE (N)	880	-	318092 175092
219	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A12NW (W)	894	-	316982 174209
220	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A23SW (N)	911	-	317910 175106
221	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A7NW (W)	933	-	317021 173668
222	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A17SW (NW)	979	-	317002 174570
223	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A3NE (S)	982	-	318208 172889
224	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A16SE (NW)	988	-	316950 174479
225	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1950	A11SE (W)	989	-	316889 174020
226	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A17SW (NW)	992	-	316999 174594
227	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A17SW (NW)	994	-	317037 174663
228	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A23SE (N)	995	-	318298 175184

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
229	<p><b>Registered Landfill Sites</b></p> <p>Licence Holder: W T Davies (Transport) Ltd            Licence Reference: 93/12            Site Location: Lower Ferry Road, Grangetown, Cardiff, South Glamorgan            Licence Easting: 318000            Licence Northing: 173500            Operator Location: 232 Penarth Road, CARDIFF, South Glamorgan, CF1 7XJ            Authority: Environment Agency Wales, South East Area            Site Category: Landfill            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:            Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled            Dated: 1st September 1993            Preceded By: Not Given            Licence:            Superseded By: Not Given            Licence:            Positional Accuracy: Approximate location provided by supplier            Boundary Accuracy: Not Applicable            Authorised Waste: Building Wastes            Inert Demolition Waste            Max.Waste Permitted By Licence            Soil, Subsoil            Prohibited Waste: Pumpable Sludge Wastes            Putrescible Waste            Special Wastes</p>	A13SE (S)	115	3	318009 173750
230	<p><b>Registered Landfill Sites</b></p> <p>Licence Holder: Davies Middleton Davies Ltd            Licence Reference: L 6 (92/01)            Site Location: South Of Hamadryad Hospital Phase 2, Butetown, Cardiff, South Glamorgan            Licence Easting: Not Supplied            Licence Northing: Not Supplied            Operator Location: Butetown Link Site Office, Ferry Road, CARDIFF, South Glamorgan, CF1 7DX            Authority: Environment Agency Wales, South East Area            Site Category: Landfill            Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year)            Waste Source: Waste produced/controlled by licence holder            Restrictions:            Status: Licence has completion certificateSurrendered            Dated: 16th March 1992            Preceded By: Not Given            Licence:            Superseded By: Not Given            Licence:            Positional Accuracy: Positioned by the supplier            Boundary Accuracy: Good            Authorised Waste: Local Civil Engineering Waste            Maximum Waste Permitted By Licence            Prohibited Waste: Liquid Wastes            Oil Containing Pcb'S And Analogues            Percussive/Explosive/Similar Waste            Radioactive Wastes            Special Wastes            Waste Containing Flammable Solvents            Waste N.O.S.</p>	A13NE (E)	153	3	318273 174060
231	<p><b>Registered Landfill Sites</b></p> <p>Licence Holder: Wales Gas Plc            Licence Reference: 5/77            Site Location: Wales Gas, Ferry Road, Cardiff, South Glamorgan            Licence Easting: Not Supplied            Licence Northing: Not Supplied            Operator Location: Helmont House, Churchill Way, Cardiff, South Glamorgan            Authority: Environment Agency Wales, South East Area            Site Category: Landfill            Max Input Rate: Undefined            Waste Source: Waste produced/controlled by licence holder            Restrictions:            Status: Record supersededSuperseded            Dated: Not Supplied            Preceded By: 5/77            Licence:            Superseded By: 5/77 Reiss            Licence:            Positional Accuracy: Positioned by the supplier            Boundary Accuracy: Good            Authorised Waste: Constr'N/Demol. Inert/Non-Haz/Non-Tox</p>	A12NE (NW)	322	3	317564 174223

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
232	<p><b>Registered Landfill Sites</b></p> <p>Licence Holder: City Of Cardiff (Operational Servs)            Licence Reference: 92/03D (RES)            Site Location: Municipal Disposal Site, Ferry Road, Cardiff, South Glamorgan            Licence Easting: 317600            Licence Northing: 173795            Operator Location: Wedal Road, Roath, Cardiff, South Glamorgan            Authority: Environment Agency Wales, South East Area            Site Category: Landfill            Max Input Rate: Undefined            Waste Source: No known restriction on source of waste            Restrictions:            Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled            Dated: 1st September 1976            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: House, Com &amp; Ind.Waste            Prohibited Waste: Liquid/Sludge Wastes            Oils            Special Wastes</p>	A12SE (SW)	345	3	317600 173795
233	<p><b>Registered Landfill Sites</b></p> <p>Licence Holder: Edmund Nuttall Ltd            Licence Reference: 91/02            Site Location: Hamadryad Embankment (Phase I), Cardiff, South Glamorgan            Licence Easting: 318500            Licence Northing: 174250            Operator Location: Allied House, Stuart Square, Cardiff, South Glamorgan            Authority: Environment Agency Wales, South East Area            Site Category: Landfill            Max Input Rate: Undefined            Waste Source: No known restriction on source of waste            Restrictions:            Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled            Dated: 1st June 1991            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: Excavated Estuarial Silts &amp; Clays</p>	A14NW (NE)	412	3	318500 174250
234	<p><b>Registered Landfill Sites</b></p> <p>Licence Holder: W T Davies (Transport) Ltd            Licence Reference: 2/81            Site Location: Rear Of British Dredging/, Avondale Garden, Cardiff, South Glamorgan            Licence Easting: 318370            Licence Northing: 174520            Operator Location: Riverside Terrace, Ely, Cardiff, South Glamorgan            Authority: Environment Agency Wales, South East Area            Site Category: Landfill            Max Input Rate: Undefined            Waste Source: No known restriction on source of waste            Restrictions:            Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled            Dated: 1st 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: Demolition Wastes            Excav. Mat'L,Soil,Subsoil,Boulder Clay</p>	A19SW (NE)	419	3	318370 174520

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
235	<p><b>Registered Landfill Sites</b></p> <p>Licence Holder: Davies Middleton Davies Ltd            Licence Reference: SEW/216            Site Location: Prospect Place (Red House Pub), Ferry Road, Cardiff, South Glamorgan            Licence Easting: 318100            Licence Northing: 173400            Operator Location: Phoenix Estate, Caerphilly Road, CARDIFF, South Glamorgan, CF4 4XH            Authority: Environment Agency Wales, South East Area            Site Category: Landfill            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:            Status: Licence has completion certificateSurrendered            Dated: 16th January 1998            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            Ceramic/Cemented Mat'Ls            Contam.Soil/Subsoil/Etc            Gen. Constr'N/Demol.Waste            Inert Waste Comprising            Max.Waste Permitted By Licence            Nat.Occ Rock/Soils With Organ.Mat            Nat.Occ.Rocks Top/Subsoil            Residues From Abrasive Procs            Unused/Uncontam. Proc./Prep. Minerals            Used Moulds/Muds/Filter Mat'Ls Etc  <b>Prohibited Waste</b>            Biodegradable/Putrescible Waste            Liquid Wastes            Manmade Fibres Incl.Fibreglass            Mat'L Contam. To &gt; Working Plan Levels            Plasterboard/Plaster            Sludge Wastes            Spec.Waste (Epa'90:S62/1996 Regs)            Used Absorbents/Filter Aids            Used Ion-Exchange Resins            Waste N.O.S.            Wood Waste/Timber</p>	A8NE (S)	467	3	318100 173400
236	<p><b>Registered Landfill Sites</b></p> <p>Licence Holder: Cardiff Bay Development Corporation            Licence Reference: L 1 (95/07 MOD 1)            Site Location: Former Municipal Landfill, Ferry Road, Grangetown, Cardiff, South Glamorgan            Licence Easting: 317450            Licence Northing: 173800            Operator Location: Baltic House, Mount Stuart Square, CARDIFF, South Glamorgan, CF1 6DH            Authority: Environment Agency Wales, South East Area            Site Category: Landfill            Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year)            Waste Source: Waste produced/controlled by licence holder            Restrictions:            Status: Site Closed            Dated: 6th February 1996            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            Contam.Soils/Municipal Refuse            Contaminated Hardcore/Similar            Contaminated Soil            Excav. Soils, Hardcore, Sim'R Mat'Ls            Municipal Refuse From On Site Waste            Municipal Waste On Site  <b>Prohibited Waste</b>            Free Flammable Solvents            Liquid Wastes            Special Wastes            Waste N.O.S.</p>	A12SE (W)	485	3	317450 173800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
237	<p><b>Registered Landfill Sites</b></p> <p>Licence Holder: Ocean Developments Ltd            Licence Reference: L 7 (92/15)            Site Location: Taff Island, Clarence Road Bridge, Butetown, Cardiff, South Glamorgan            Licence Easting: 318610            Licence Northing: 174870            Operator Location: 6 Oak Court, Betts Way, CRAWLEY, West Sussex, RH10 2GB            Authority: Environment Agency Wales, South East Area            Site Category: Landfill            Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year)</p> <p>Waste Source: No known restriction on source of waste            Restrictions:            Status: Licence has completion certificateSurrendered            Dated: 4th June 1992            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, Nat'L Stone &amp; Slate            Demolition &amp; Building Wastes            Max.Waste Permitted By Licence            Soil, Subsoil, Excav'N Waste</p> <p>Prohibited Waste: Asbestos            List 1 Substances In Eec Dir. 80/68            Pumpable Sludges            Putrescible Waste Incl.            Special Wastes            Timber            Waste In Sealed Drums            Waste N.O.S</p>	A19NW (NE)	841	3	318610 174870
238	<p><b>Registered Waste Transfer Sites</b></p> <p>Licence Holder: H Pritchard            Licence Reference: 2/86            Site Location: B.R.S. Depot, South Clive Street, Grangetown, Cardiff, South Glamorgan            Operator Location: 7 Monmouth House, Cwmbran, Gwent            Authority: Environment Agency Wales, South East Area            Site Category: Transfer            Max Input Rate: Undefined            Waste Source: No known restriction on source of waste            Restrictions:            Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled            Dated: 1st March 1986            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: Waste Paper/Cardboard &amp; Similar Mat'L</p>	A13SW (SW)	75	3	317900 173800
239	<p><b>Registered Waste Transfer Sites</b></p> <p>Licence Holder: Richard C Taylor (Alpha Waste Ltd)            Licence Reference: 87/03            Site Location: Ferry Road., Grangetown, Cardiff, South Glamorgan            Operator Location: As Site Address            Authority: Environment Agency Wales, South East Area            Site Category: Transfer            Max Input Rate: Undefined            Waste Source: No known restriction on source of waste            Restrictions:            Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled            Dated: 1st November 1987            Preceded By: Not Given            Licence:            Superseded By: Not Given            Licence:            Positional Accuracy: Approximate location provided by supplier            Boundary Quality: Not Supplied            Authorised Waste: Hardcore            Inert Demol. &amp; Building Waste            Soil,Subsoil</p> <p>Prohibited Waste: Domestic Refuse            Liquid Wastes            Special Wastes</p>	A8NW (S)	363	3	317900 173500



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
240	<p><b>Registered Waste Transfer Sites</b></p> <p>Licence Holder: S.A.S. Industrial Services Ltd            Licence Reference: 88/01            Site Location: Unit F Victoria Wharves, Ferry Road, Cardiff, South Glamorgan            Operator Location: As Site Address            Authority: Environment Agency Wales, South East Area            Site Category: Transfer            Max Input Rate: Undefined            Waste Source: No known restriction on source of waste            Restrictions:            Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled            Dated: 1st February 1988            Preceded By: Not Given            Licence:            Superseded By: Not Given            Licence:            Positional Accuracy: Approximate location provided by supplier            Boundary Quality: Not Supplied            Authorised Waste            Alkalis &amp; Bases            Bagged Asbestos            Capacitors/Transformers Cont'G Pcb'S            Lab. &amp; Pharmaceutical Chemicals            Max.Storage Permitted By Licence            Mineral &amp; Organic Acids            Oil/Water Mixtures            Paint &amp; Resins            Sludge Wastes            Explosives Waste</p> <p>Prohibited Waste</p>	A8NE (S)	464	3	318000 173400
241	<p><b>Registered Waste Transfer Sites</b></p> <p>Licence Holder: British Gas Plc (Wales)            Licence Reference: T 4 (5/77 REISS)            Site Location: Grangetown Gasworks, Ferry Road, CARDIFF, South Glamorgan, CF1 7XR            Operator Location: Helmont House, Churchill Way, Cardiff, South Glamorgan            Authority: Environment Agency Wales, South East Area            Site Category: Transfer            Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year)            Waste Source: Waste produced/controlled by licence holder            Restrictions:            Licence Status: Licence has completion certificateSurrendered            Dated: 29th December 1995            Preceded By: 5/77 Reiss            Licence:            Superseded By: Not Given            Licence:            Positional Accuracy: Manually positioned to the address or location            Boundary Quality: Not Supplied            Authorised Waste            Asbestos Max.Stor            Inert Excavated Spoil Max.Stor            Max.Storage In Licence            Max.Waste Permitted By Licence            Mixed Aliphatic Hydrocarbons Max.Stor            Polythene Plastic Pipe Max.Stor</p> <p>Prohibited Waste            Any Metal In Fine Powder Form            Biodegradable Waste            Coal Contaminated Waste            Insulated Cable            Liquid Waste N.O.S.            Poisonous, Noxious, Polluting Wastes            Sodium/Potassium            Special Wastes N.O.S.            Trans/Capc'S Cont. Pcb's/Analogues            Tyres            Waste N.O.S.</p>	A12NE (W)	479	3	317400 174200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
241	<p><b>Registered Waste Transfer Sites</b></p> <p>Licence Holder: British Gas Plc (Wales)            Licence Reference: 5/77 Reiss            Site Location: Grangetown Gasworks, Ferry Road, CARDIFF, South Glamorgan, CF1 7XR            Operator Location: Helmont House, Churchill Way, Cardiff, South Glamorgan            Authority: Environment Agency Wales, South East Area            Site Category: Transfer            Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year)            Waste Source: Waste produced/controlled by licence holder            Restrictions:            Licence Status: Record supersededSuperseded            Dated: 10th June 1993            Preceded By: 5/77            Licence:            Superseded By: T 4 (5/77 REISS)            Licence:            Positional Accuracy: Manually positioned to the address or location            Boundary Quality: Not Supplied            Authorised Waste: Asbestos            Inert Solids            Max. Capacity In Licence            Mixed Aromatic/Aliphatic Hydrocarbons            Prohibited Waste: Cable            Elemental Sodium/Potassium            Liquid Wastes N.O.S.            Pcb'S            Tyres</p>	A12NE (W)	479	3	317400 174200
242	<p><b>Registered Waste Transfer Sites</b></p> <p>Licence Holder: A &amp; S Waste Disposal            Licence Reference: 90/02            Site Location: Unit H Victoria Wharf, Ferry Road, Cardiff, South Glamorgan            Operator Location: As Site Address            Authority: Environment Agency Wales, South East Area            Site Category: Transfer            Max Input Rate: Undefined            Waste Source: No known restriction on source of waste            Restrictions:            Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled            Dated: 1st June 1990            Preceded By: Not Given            Licence:            Superseded By: Not Given            Licence:            Positional Accuracy: Approximate location provided by supplier            Boundary Quality: Not Supplied            Authorised Waste: Builders Waste            Cardboard            Plastics            Scrap Metal            Slate, Concrete, Brick            Timber            Topsoil, Subsoil, Clay</p>	A8SE (S)	667	3	318100 173200
243	<p><b>Registered Waste Transfer Sites</b></p> <p>Licence Holder: William G Field t/a Gwent Tyre Disposals            Licence Reference: 93/05            Site Location: Unit 4 Gulf Works, Penarth Road, Cardiff, South Glamorgan            Operator Location: 34 Morby Court, CARDIFF, South Glamorgan, CF1 5BT            Authority: Environment Agency Wales, South East 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 lapsed/cancelled/defunct/not applicable/surrenderedCancelled            Dated: 1st June 1993            Preceded By: Not Given            Licence:            Superseded By: Not Given            Licence:            Positional Accuracy: Approximate location provided by supplier            Boundary Quality: Not Supplied            Authorised Waste: Max.Waste Permitted By Licence            Scrap Car/Comm'L Veh. Tyres            Prohibited Waste: Liquid Wastes            Special Wastes</p>	A17SW (NW)	745	3	317300 174600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
244	<p><b>Registered Waste Transfer Sites</b></p> <p>Licence Holder: Charles A Parsons t/a Building Recycle            Licence Reference: 89/02            Site Location: Units 7 &amp; 8 Curran Industrial Estate, Curran Road, Cardiff, South Glamorgan            Operator Location: As Site Address            Authority: Environment Agency Wales, South East Area            Site Category: Transfer            Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year)            Waste Source: No known restriction on source of waste            Restrictions:            Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled            Dated: 1st November 1989            Preceded By: Not Given            Licence:            Superseded By: Not Given            Licence:            Positional Accuracy: Approximate location provided by supplier            Boundary Quality: Not Supplied            Authorised Waste: Builders Waste            Cardboard            Max.Waste Permitted By Licence- Stated            Metal Scrap            Slate, Concrete, Bricks            Timber            Topsoil, Subsoil, Clay            Prohibited Waste: Poisonous, Noxious, Polluting Wastes            Putrescible Waste</p>	A23SE (N)	914	3	318300 175100
245	<p><b>Registered Waste Transfer Sites</b></p> <p>Licence Holder: Partco Group Ltd            Licence Reference: 92/08            Site Location: Unit 1A Stuart Close, Penarth Road, CARDIFF, South Glamorgan, CF1 7QF            Operator Location: Lea Francis House, Station Road, Balsall Common, COVENTRY, West Midlands, CV7 7FD            Authority: Environment Agency Wales, South East 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 lapsed/cancelled/defunct/not applicable/surrenderedCancelled            Dated: 1st March 1992            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: Cellulose Thinners And            Max.Storage            Paint Waste Ex Paint Finishing Shops            Prohibited Waste: Percussive Waste            Radioactive Wastes            Special Wastes            Uk Listed Substances Under 76/484/Ec</p>	A11SE (W)	928	3	316950 174020
245	<p><b>Registered Waste Transfer Sites</b></p> <p>Licence Holder: Brown Brothers Automotive Div            Licence Reference: 90/01            Site Location: 1 Stuart Close, Penarth Road, Cardiff, South Glamorgan            Operator Location: Dana Ltd 1 Stuart Close, Penarth Road, Cardiff, South Glamorgan            Authority: Environment Agency Wales, South East 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: Site exempt from licenceExempt            Dated: 1st February 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: Cellulose Thinners            Max.Storage Permitted By Licence            Paint Waste Ex Paint Finishing Shops            Prohibited Waste: Medical (Misuse Of Drugs Act)            Percussives &amp; Explosive Waste            Radioactive Wastes            Special Wastes            Waste Cont'G Sub'S In Poisons Act '72            Waste Containing Pcb'S And Analogues            Wastes In Aquatic Poll'N Dir.76/464/Ec</p>	A11SE (W)	928	3	316950 174020

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
246	<p><b>Registered Waste Transfer Sites</b></p> <p>Licence Holder: Woodpecker Products Ltd            Licence Reference: 94/03            Site Location: 9 Curran Embankment, Cardiff, South Glamorgan            Operator Location: As Site Address            Authority: Environment Agency Wales, South East 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: Site exempt from licenceExempt            Dated: 1st March 1994            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: Max.Storage In Licence            Sawdust            White/Mixed Wood Shavings            Prohibited Waste: Waste N.O.S.</p>	A23SE (N)	939	3	318230 175140
247	<p><b>Registered Waste Treatment or Disposal Sites</b></p> <p>Licence Holder: John Ford &amp; Sons (Cardiff) Ltd            Licence Reference: S 8 (93/03)            Site Location: Ferry Road, Grangetown, CARDIFF, South Glamorgan, CF11 7JL            Operator Location: As Site Address            Authority: Environment Agency Wales, South East Area            Site Category: Scrapyard            Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year)            Waste Source: No known restriction on source of waste            Restrictions:            Licence Status: Site exempt from licenceExempt            Dated: 1st June 1993            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: Engines            Ferrous Metal Scrap            Max.Storage In Licence            Non-Ferrous Metal Scrap            Prohibited Waste: Batteries            Cable            Large Transformers/Capacitors            Liquid Wastes            Special Wastes            Tyres</p>	A13SW (SW)	157	3	317800 173800
248	<p><b>Registered Waste Treatment or Disposal Sites</b></p> <p>Licence Holder: N Young t/a City Salvage Ltd            Licence Reference: T.17            Site Location: Ferry Road, Grangetown, Cardiff, South Glamorgan            Operator Location: As Site Address            Authority: Environment Agency Wales, South East Area            Site Category: Scrapyard - with Transfer Station            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: 1st November 1992            Preceded By: Not Given            Licence:            Superseded By: Not Given            Licence:            Positional Accuracy: Approximate location provided by supplier            Boundary Quality: Not Supplied            Authorised Waste: Asbestos            Machinery            Max.Storage In Licence            Scrap Metal            Timber            Prohibited Waste: Batteries            Free Flammable Solvents            Liquid Wastes            Pcb's            Special Wastes            Tyres</p>	A12SE (SW)	343	3	317600 173800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
249	<p><b>Registered Waste Treatment or Disposal Sites</b></p> <p>Licence Holder: Wales Gas            Licence Reference: 5/77            Site Location: Wales Gas, Ferry Road, Cardiff, South Glamorgan            Operator Location: Helmont House, Churchill Way, Cardiff, South Glamorgan            Authority: Environment Agency Wales, South East Area            Site Category: Incineration            Max Input Rate: Undefined            Waste Source: Waste produced/controlled by licence holder            Restrictions:            Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled            Dated: 25th November 1977            Preceded By: Not Given            Licence:            Superseded By: 5/77            Licence:            Positional Accuracy: Manually positioned to the address or location            Boundary Quality: Not Supplied            Authorised Waste: Oil/Water Mixtures</p>	A12NE (W)	479	3	317400 174200
250	<p><b>Registered Waste Treatment or Disposal Sites</b></p> <p>Licence Holder: Brian W Hughes t/a B.P &amp; K Demolition            Licence Reference: S 9 (93/08)            Site Location: Curran Embankment, Butetown, Cardiff, South Glamorgan            Operator Location: As Site Address            Authority: Environment Agency Wales, South East Area            Site Category: Scrapyard            Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year)            Waste Source: No known restriction on source of waste            Restrictions:            Licence Status: Operational as far as is knownOperational            Dated: 10th June 1993            Preceded By: Not Given            Licence:            Superseded By: Not Given            Licence:            Positional Accuracy: Approximate location provided by supplier            Boundary Quality: Not Supplied            Authorised Waste: Dry Ferrous Swarf            Dry Non-Ferrous Swarf            Ferrous Metal Scrap            Non-Ferrous Metal Scrap            Waste Oil From Dismantling Only            Prohibited Waste: Any Metal In Fine Powder Form            Liquid Waste N.O.S.            Sodium/Potassium            Special Wastes            Trans/Capac'S Cont. Pcb's/Analogues            Waste N.O.S.            Waste With Free Flam.Solvents</p>	A23SE (N)	895	3	318200 175100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
251	<p><b>Control of Major Accident Hazards Sites (COMAH)</b></p> <p>Name: Wales And West Utilities Limited            Location: Grangetown Holder Station, Ferry Road, Cardiff, South Glamorgan, Cf11 7DW            Reference: Not Supplied            Type: Lower Tier            Status: <b>Active</b>            Positional Accuracy: Manually positioned to the address or location</p>	A12NE (W)	481	8	317393 174157
251	<p><b>Control of Major Accident Hazards Sites (COMAH)</b></p> <p>Name: Transco Plc            Location: Grangetown Gas Works, Ferry Road, CARDIFF, South Glamorgan, CF1 7DW            Reference: 1038311            Type: Lower Tier            Status: <b>Active</b>            Positional Accuracy: Manually positioned to the address or location</p>	A12NE (W)	501	8	317371 174129
252	<p><b>Notification of Installations Handling Hazardous Substances (NIHHS)</b></p> <p>Name: British Gas (Wales) PLC            Location: Ferry Road, Grangetown, CARDIFF, South Glamorgan, CF1 7DW            Status: <b>Not Active</b>            Positional Accuracy: Unknown</p>	A12NE (W)	516	8	317375 174260
253	<p><b>Planning Hazardous Substance Consents</b></p> <p>Name: British Gas Wales/Cymru Ltd            Location: Ferry Road, Grangetown, Cardiff            Authority: Cardiff Council, Regulatory Services            Application Ref: H/92/00005/R            Hazardous: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not)            Substance: liquefied or not            Maximum Quantity: 0            Application date: 30th November 1992            Decision: <b>Deemed Consent Granted</b>            Positional Accuracy: Manually positioned to the address or location</p>	A12NE (W)	473	9	317401 174162
253	<p><b>Planning Hazardous Substance Consents</b></p> <p>Name: Transco            Location: Grangetown Holder Station, Ferry Road, Cardiff            Authority: Vale Of Glamorgan County Borough Council, Planning Department            Application Ref: 2001/00048/OBS            Hazardous: Unknown at time of report            Substance:            Maximum Quantity: 0            Application date: 10th January 2001            Decision: <b>Continuation of consent</b>            Positional Accuracy: Manually positioned to the address or location</p>	A12NE (W)	475	10	317400 174169
253	<p><b>Planning Hazardous Substance Consents</b></p> <p>Name: Bg Transco Plc            Location: Grangetown Gas Works, Ferry Road, Grangetown, CARDIFF, South Glamorgan, CF11 7XR            Authority: Cardiff Council, Regulatory Services            Application Ref: H/01/00002/R            Hazardous: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not)            Substance: liquefied or not            Maximum Quantity: 252            Application date: 18th May 2001            Decision: <b>Deemed Consent Granted</b>            Positional Accuracy: Manually positioned to the address or location</p>	A12NE (W)	479	9	317395 174163
253	<p><b>Planning Hazardous Substance Consents</b></p> <p>Name: Bg Transco Plc            Location: Grangetown Gas Works, Ferry Road, Grangetown, CARDIFF, South Glamorgan, CF1 7XR            Authority: Cardiff Council, Regulatory Services            Application Ref: H/01/00001/R            Hazardous: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not)            Substance: liquefied or not            Maximum Quantity: 252            Application date: 3rd January 2001            Decision: <b>Deemed Consent Granted</b>            Positional Accuracy: Manually positioned to the address or location</p>	A12NE (W)	491	9	317383 174169

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
254	<p><b>Planning Hazardous Substance Consents</b></p> <p>Name: Bg Transco Plc            Location: Grangetown Gas Works, Ferry Road, Grangetown, CARDIFF, South Glamorgan, CF1 7XR            Authority: Cardiff Council, Regulatory Services            Application Ref: H/00/00001/R            Hazardous: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not)            Substance: liquefied or not            Maximum Quantity: 252            Application date: 26th April 2000  <b>Decision: Deemed Consent Granted</b>            Positional Accuracy: Manually positioned to the address or location</p>	A12NE (W)	518	9	317355 174089
254	<p><b>Planning Hazardous Substance Consents</b></p> <p>Name: Not Supplied            Location: Part Of Land Transco, Ferry Road, Grangetown, Cardiff            Authority: Cardiff Council, Regulatory Services            Application Ref: H/99/00001/R            Hazardous: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not)            Substance: liquefied or not            Maximum Quantity: 0            Application date: 22nd January 1999  <b>Decision: Withdrawn</b>            Positional Accuracy: Manually positioned to the address or location</p>	A12NE (W)	524	9	317349 174090
255	<p><b>Planning Hazardous Substance Consents</b></p> <p>Name: Transco            Location: Grangetown Gas Works, Ferry Road, Grangetown, Cardiff, South Glamorgan, Cf1 7xr            Authority: Cardiff Council, Regulatory Services            Application Ref: H/99/00002/R            Hazardous: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not)            Substance: liquefied or not            Maximum Quantity: 252            Application date: 12th March 1999  <b>Decision: Deemed Consent Granted</b>            Positional Accuracy: Manually positioned to the address or location</p>	A12NE (W)	519	9	317370 174255

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS 1:625,000 Solid Geology</b> Description: Triassic Rocks (Undifferentiated)	A13SE (NE)	0	1	318014 174028
	<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	A13SE (NE)	0	1	318014 174028
256	<b>BGS Recorded Mineral Sites</b> Site Name: Gbangstown Location: Grangetown, Cardiff, Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 127944 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Triassic Geology: Mercia Mudstone Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	290	1	317684 173733
257	<b>BGS Recorded Mineral Sites</b> Site Name: Gbangstown Location: Grangetown, Cardiff, Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 127945 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Triassic Geology: Mercia Mudstone Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	530	1	317542 173516
	<b>BGS Measured Urban Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Grid: 318100, 174220 Soil Sample Type: Topsoil Sample Area: Cardiff Arsenic Measured Concentration: 16.30 mg/kg Cadmium Measured Concentration: 0.90 mg/kg Chromium Measured Concentration: 69.00 mg/kg Lead Measured Concentration: 133.10 mg/kg Nickel Measured Concentration: 38.20 mg/kg	A13NE (NE)	15	1	318100 174220
	<b>BGS Measured Urban Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Grid: 317750, 174260 Soil Sample Type: Topsoil Sample Area: Cardiff Arsenic Measured Concentration: 32.60 mg/kg Cadmium Measured Concentration: 1.70 mg/kg Chromium Measured Concentration: 79.30 mg/kg Lead Measured Concentration: 402.80 mg/kg Nickel Measured Concentration: 65.00 mg/kg	A13NW (NW)	184	1	317750 174260



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Measured Urban Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Grid: 318250, 174750 Soil Sample Type: Topsoil Sample Area: Cardiff Arsenic Measured 27.80 mg/kg Concentration: Cadmium Measured 2.00 mg/kg Concentration: Chromium Measured 93.60 mg/kg Concentration: Lead Measured 811.50 mg/kg Concentration: Nickel Measured 51.20 mg/kg Concentration:	A18NE (N)	563	1	318250 174750
	<b>BGS Measured Urban Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Grid: 317300, 174240 Soil Sample Type: Topsoil Sample Area: Cardiff Arsenic Measured 15.50 mg/kg Concentration: Cadmium Measured 2.40 mg/kg Concentration: Chromium Measured 85.70 mg/kg Concentration: Lead Measured 288.50 mg/kg Concentration: Nickel Measured 45.00 mg/kg Concentration:	A12NW (W)	584	1	317300 174240
	<b>BGS Measured Urban Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Grid: 318730, 174250 Soil Sample Type: Topsoil Sample Area: Cardiff Arsenic Measured 16.00 mg/kg Concentration: Cadmium Measured 0.50 mg/kg Concentration: Chromium Measured 86.00 mg/kg Concentration: Lead Measured 99.20 mg/kg Concentration: Nickel Measured 39.40 mg/kg Concentration:	A14NE (E)	633	1	318730 174250
	<b>BGS Measured Urban Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Grid: 317770, 174780 Soil Sample Type: Topsoil Sample Area: Cardiff Arsenic Measured 46.80 mg/kg Concentration: Cadmium Measured 1.90 mg/kg Concentration: Chromium Measured 63.90 mg/kg Concentration: Lead Measured 551.80 mg/kg Concentration: Nickel Measured 48.30 mg/kg Concentration:	A18NW (N)	643	1	317770 174780
	<b>BGS Measured Urban Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Grid: 317130, 174150 Soil Sample Type: Topsoil Sample Area: Cardiff Arsenic Measured 24.20 mg/kg Concentration: Cadmium Measured 1.20 mg/kg Concentration: Chromium Measured 64.10 mg/kg Concentration: Lead Measured 647.70 mg/kg Concentration: Nickel Measured 63.00 mg/kg Concentration:	A12NW (W)	743	1	317130 174150

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Measured Urban Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Grid: 318860, 174760 Soil Sample Type: Topsoil Sample Area: Cardiff Arsenic Measured Concentration: 18.00 mg/kg Cadmium Measured Concentration: 2.90 mg/kg Chromium Measured Concentration: 127.60 mg/kg Lead Measured Concentration: 630.10 mg/kg Nickel Measured Concentration: 89.90 mg/kg	A19NE (NE)	948	1	318860 174760
	<b>BGS Urban Soil Chemistry Averages</b> Source: British Geological Survey, National Geoscience Information Service Sample Area: Cardiff Count Id: 506 Arsenic Minimum Concentration: 6.00 mg/kg Arsenic Average Concentration: 18.00 mg/kg Arsenic Maximum Concentration: 149.00 mg/kg Cadmium Minimum Concentration: 0.10 mg/kg Cadmium Average Concentration: 0.90 mg/kg Cadmium Maximum Concentration: 100.60 mg/kg Chromium Minimum Concentration: 28.00 mg/kg Chromium Average Concentration: 86.00 mg/kg Chromium Maximum Concentration: 2933.00 mg/kg Lead Minimum Concentration: 20.00 mg/kg Lead Average Concentration: 190.00 mg/kg Lead Maximum Concentration: 8158.00 mg/kg Nickel Minimum Concentration: 8.00 mg/kg Nickel Average Concentration: 35.00 mg/kg Nickel Maximum Concentration: 482.00 mg/kg	A13SE (NE)	0	1	318014 174028
	<b>Coal Mining Affected Areas</b> In an area that might not be affected by coal mining				
	<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	A13SE (NE)	0	1	318014 174028
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	318141 174025
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	1	318014 174028
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	1	318014 174028
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	1	318014 174028
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	318141 174025

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	A13SE (NE)	0	1	318014 174028
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	1	318014 174028
	<b>Radon Potential - Radon Affected Areas</b> Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	1	318014 174028
	<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	A13SE (NE)	0	1	318014 174028

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
258	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: John Ford &amp; Sons Ltd            Location: Ferry Rd, Cardiff, South Glamorgan, CF11 0JL            Classification: Scrap Metal Merchants  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A13SW (SW)	147	-	317820 173782
259	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: P R G Powerhouse            Location: Unit 1G, Cardiff Bay Retail Park, Ferry Road, Cardiff, CF11 0JR            Classification: Electrical Goods Sales, Manufacturers &amp; Wholesalers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SW (W)	240	-	317677 173951
260	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Asda Petrol            Location: Cardiff Bay Retail Park, Ferry Road, Cardiff, CF11 0JR            Classification: Petrol Filling Stations  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NW (SW)	248	-	317782 173673
261	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Auto Care (Cardiff)            Location: Unit 2, Windsor Buildings, Ferry Road, Cardiff, CF11 0JL            Classification: Garage Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13NW (NW)	248	-	317718 174318
261	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Autocare Accident &amp; Service Centre            Location: Unit 2, Windsor Buildings, Ferry Road, Cardiff, CF11 0JL            Classification: Mot Testing Centres  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A13NW (NW)	248	-	317718 174318
262	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Master Coat            Location: 43, Ferry Road, Cardiff, South Glamorgan, CF11 7DW            Classification: Coating Specialists  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A18SW (NW)	277	-	317848 174414
263	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Banner Woodworking            Location: Windsor Works, Earl La, Grangetown, Cardiff, South Glamorgan, CF11 7DP            Classification: Joinery Manufacturers  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A18SW (N)	313	-	317872 174464
263	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Wallen Electrical            Location: Earl Lane, Cardiff, CF11 7DP            Classification: Electric Motor Sales &amp; Service  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A18SW (N)	323	-	317867 174473
264	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Windsor Motors            Location: 208, Clive Street, Cardiff, CF11 7JG            Classification: Garage Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A18SW (NW)	345	-	317686 174414
265	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Cardiff Precision Tooling            Location: Apollo Works, Clive Street Lane, Cardiff, CF11 7JH            Classification: Tool Design, Manufacturers &amp; Makers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	411	-	317647 174467
265	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: A &amp; P            Location: Apollo Works, Clive Street Lane, Cardiff, CF11 7JH            Classification: Garage Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	411	-	317647 174467
265	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: D M Motor Repairs            Location: Rear Of, 176, Clive Street, Cardiff, CF11 7JG            Classification: Garage Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	449	-	317632 174503

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
266	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Transco            Location: Grangetown Gas Works, Ferry Road, Cardiff, CF11 0XR            Classification: Gas Companies  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NE (W)	415	-	317467 174214
267	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Royal Hamadryad Hospital            Location: Hunter Street, Cardiff, CF10 5UQ            Classification: Hospitals  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A14NW (NE)	453	-	318512 174370
268	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Colorama Gas            Location: Avondale House, Avondale Rd, Cardiff, South Glamorgan, CF11 7DS            Classification: Gas Suppliers  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A18SE (NE)	483	-	318289 174650
269	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Atkins Damp Proof            Location: 50, Cambridge Street, CARDIFF, CF11 7DJ            Classification: Damp &amp; Dry Rot Control  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A18NE (N)	505	-	318094 174717
270	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: D C Optical            Location: 13, Moordale Road, Cardiff, CF11 7DU            Classification: Optical Goods - Manufacturers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A18NE (N)	532	-	318154 174739
271	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: S W Heating Equipment Ltd            Location: 98, Holmesdale Street, Cardiff, CF11 7BU            Classification: Air Conditioning Equipment &amp; Systems  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A18NW (N)	552	-	317959 174749
272	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Morrisons Petrol Station            Location: International Sports Village, Cardiff Bay, Cardiff, South Glamorgan, CF11 0JP            Classification: Petrol Filling Stations  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A8SE (S)	560	-	318016 173305
273	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Clark'S Original Pies            Location: 23, Bromsgrove Street, Cardiff, CF11 7EZ            Classification: Food Products - Manufacturers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A18NW (N)	584	-	317780 174720
274	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Cj Autos            Location: Rear Of, 128-130 Clive St, Cardiff, South Glamorgan, CF11 7JE            Classification: Car Body Repairs  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the address or location</p>	A17SE (NW)	593	-	317594 174649
275	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: R G Cooper            Location: 11, Clarence Place, Cardiff, CF10 5GW            Classification: Refrigerators &amp; Freezers - Servicing &amp; Repairs  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SW (NE)	619	-	318659 174449
276	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Cardiff Bay Service Station            Location: 235, Corporation Road, Cardiff, CF11 7AS            Classification: Petrol Filling Stations  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A19NW (NE)	633	-	318464 174720
276	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: M R H Service Station            Location: 235, Corporation Road, Cardiff, CF11 7AS            Classification: Petrol Filling Stations  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A19NW (NE)	633	-	318464 174720

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
276	<b>Contemporary Trade Directory Entries</b> Name: Esso Location: 235, Corporation Road, Cardiff, CF11 7AS Classification: Petrol Filling Stations <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A19NW (NE)	633	-	318464 174720
276	<b>Contemporary Trade Directory Entries</b> Name: Cardiff Bay Service Station Location: 235, Corporation Road, Cardiff, CF11 7AS Classification: Petrol Filling Stations <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A19NW (NE)	634	-	318464 174720
276	<b>Contemporary Trade Directory Entries</b> Name: Esso Location: 235, Corporation Road, Cardiff, CF11 7AS Classification: Petrol Filling Stations <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A19NW (NE)	634	-	318464 174720
277	<b>Contemporary Trade Directory Entries</b> Name: Dirt Monkeys Cleaning Services Location: 49, St. Fagans Street, Cardiff, CF11 7LH Classification: Commercial Cleaning Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	633	-	317882 174811
278	<b>Contemporary Trade Directory Entries</b> Name: M G P Motors Location: 128, Paget Street, Cardiff, CF11 7LA Classification: Car Breakdown & Recovery Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	642	-	317744 174768
278	<b>Contemporary Trade Directory Entries</b> Name: M G P Motors Location: 25, St. Fagans Street, Cardiff, CF11 7LG Classification: Garage Services <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	647	-	317720 174761
279	<b>Contemporary Trade Directory Entries</b> Name: Aeeves Re-Upholstery Location: 177, Corporation Road, Cardiff, CF11 7AS Classification: Furniture - Repairing & Restoring <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NE (N)	644	-	318265 174830
280	<b>Contemporary Trade Directory Entries</b> Name: Morrisons Location: Morrisons Petrol Station, Wm Morrisons, International Drive, Cardiff, CF11 0JP Classification: Petrol Filling Stations <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A8SW (S)	650	-	317835 173220
281	<b>Contemporary Trade Directory Entries</b> Name: Grange Service Station Location: 91-97, Clive Street, Cardiff, CF11 7HN Classification: Garage Services <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A17NE (NW)	668	-	317638 174752
282	<b>Contemporary Trade Directory Entries</b> Name: Phoenix Saxton Location: Sterling Works, Clarence Road, Cardiff, CF10 5FA Classification: Fasteners & Fixing Devices <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A19SW (NE)	678	-	318655 174582
283	<b>Contemporary Trade Directory Entries</b> Name: 4 Access Hire Location: Mertec House, Fleetway, Cardiff, CF11 8TY Classification: Scaffolding & Work Platforms <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A17SE (NW)	690	-	317326 174544

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
284	<b>Contemporary Trade Directory Entries</b> Name: Newman Designs Location: Fleet Way, Cardiff, South Glamorgan, CF11 8TY Classification: Metal Products - Fabricated <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A17SW (NW)	691	-	317281 174480
284	<b>Contemporary Trade Directory Entries</b> Name: The Trade Centre Location: Fleet Way, Cardiff, South Glamorgan, CF11 8TY Classification: Car Dealers - Used <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A17SW (NW)	694	-	317292 174504
284	<b>Contemporary Trade Directory Entries</b> Name: City Forge Location: City Forge, Fleetway, Cardiff, CF11 8TY Classification: Blacksmiths & Forgemasters <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A17SW (NW)	704	-	317277 174498
285	<b>Contemporary Trade Directory Entries</b> Name: J & E Hall Ltd Location: 1, Burt Street, Cardiff, CF10 5FZ Classification: Air Conditioning & Refrigeration Contractors <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A19SE (NE)	699	-	318714 174522
285	<b>Contemporary Trade Directory Entries</b> Name: Baymarine Industrial Services Ltd Location: Aquarian House, Burt St, Cardiff, South Glamorgan, CF10 5FZ Classification: Ship Builders, Repairs & Fittings <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A19SE (NE)	723	-	318739 174526
285	<b>Contemporary Trade Directory Entries</b> Name: T J Williams Ltd Location: 15-17, Harrowby Street, Cardiff, CF10 5GA Classification: Industrial Instrument & Apparatus Manufacturers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A19SE (NE)	740	-	318745 174550
286	<b>Contemporary Trade Directory Entries</b> Name: Nuffield Health Location: Dunleavy Drive, Cardiff, South Glamorgan, CF11 0SN Classification: Hospitals <b>Status: Active</b> Positional Accuracy: Manually positioned within the geographical locality	A7SE (SW)	702	-	317644 173226
287	<b>Contemporary Trade Directory Entries</b> Name: Grange Town Tyres Location: 94, Clive Street, Cardiff, South Glamorgan, CF11 7JE Classification: Tyre Dealers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A17NE (NW)	702	-	317578 174763
288	<b>Contemporary Trade Directory Entries</b> Name: Nuffield Health Assessment Location: Cardiff Bay Hospital, Dunleavy Drive, Cardiff, South Glamorgan, CF11 0SN Classification: Hospitals <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A7SE (SW)	706	-	317523 173294
289	<b>Contemporary Trade Directory Entries</b> Name: Martyn Madden Location: 110, Judkin Court, Heol Tredwen, Cardiff, CF10 5AX Classification: Cleaning Services - Domestic <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A19SW (NE)	712	-	318635 174666
290	<b>Contemporary Trade Directory Entries</b> Name: Exxentis Location: Dunleavy dr, Cardiff, South Glamorgan, CF11 0SN Classification: Industrial Instrument & Apparatus Manufacturers <b>Status: Active</b> Positional Accuracy: Manually positioned within the geographical locality	A7NE (SW)	722	-	317407 173378
291	<b>Contemporary Trade Directory Entries</b> Name: Addright Location: 129, Corporation Road, Cardiff, CF11 7AR Classification: Cash Registers & Check-Out Equipment <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NE (N)	727	-	318087 174938

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
291	<b>Contemporary Trade Directory Entries</b> Name: Bingo Media Location: 5, Aber Street, Cardiff, CF11 7AG Classification: Record, Tape & CD Manufacturers & Wholesalers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A18NE (N)	762	-	318106 174974
292	<b>Contemporary Trade Directory Entries</b> Name: Chef'S Flavours Ltd Location: 10a, Stadium Close, Cardiff, CF11 8TS Classification: Food Colouring, Flavours & Additive Manufacturers & Distributors <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A12NW (W)	727	-	317145 174126
293	<b>Contemporary Trade Directory Entries</b> Name: Paintstripco Location: 164, Taff Embankment, Cardiff, CF11 7BJ Classification: Paint & Varnish Stripping <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A19NW (N)	736	-	318351 174898
294	<b>Contemporary Trade Directory Entries</b> Name: The Fire & Stove Shop Location: Pumping Station, Penarth Road, Cardiff, South Glamorgan, CF11 8TT Classification: Woodburning Stoves <b>Status: Active</b> Positional Accuracy: Manually positioned within the geographical locality	A12NW (W)	746	-	317144 174283
294	<b>Contemporary Trade Directory Entries</b> Name: Auto Fayre Location: Penarth Road, Cardiff, CF11 8TT Classification: Car Dealers - Used <b>Status: Inactive</b> Positional Accuracy: Automatically positioned in the proximity of the address	A12NW (W)	751	-	317140 174289
295	<b>Contemporary Trade Directory Entries</b> Name: Lee & Turner Ltd Location: Gulf Works, Penarth Road, Cardiff, CF11 8TT Classification: Car Dealers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A17SW (NW)	748	-	317311 174618
295	<b>Contemporary Trade Directory Entries</b> Name: Lonsdale Commercial Body Builders Ltd Location: Unit 2, Gulf Works, Penarth Road, Cardiff, CF11 8TW Classification: Commercial Vehicle Bodybuilders & Repairers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A17SW (NW)	748	-	317311 174618
295	<b>Contemporary Trade Directory Entries</b> Name: Gulf Service Station Location: Gulf Works, Penarth Road, Cardiff, CF11 8TT Classification: Petrol Filling Stations <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A17SW (NW)	748	-	317311 174618
296	<b>Contemporary Trade Directory Entries</b> Name: Renault Location: 295, Penarth Road, Cardiff, CF11 8UU Classification: Car Dealers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A17SW (NW)	749	-	317196 174445
296	<b>Contemporary Trade Directory Entries</b> Name: Renault Cardiff Location: 295, Penarth Road, Cardiff, CF11 8UU Classification: Car Dealers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A17SW (NW)	749	-	317196 174445
296	<b>Contemporary Trade Directory Entries</b> Name: Renault Cardiff Location: 295, Penarth Road, Cardiff, CF11 8UU Classification: Garage Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A17SW (NW)	749	-	317196 174445
296	<b>Contemporary Trade Directory Entries</b> Name: Renault Location: 295, Penarth Road, Cardiff, South Glamorgan, CF11 8UU Classification: Car Dealers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A17SW (NW)	749	-	317196 174445



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
296	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Renault Cardiff            Location: 295, Penarth Road, CARDIFF, CF11 8UU            Classification: Car Dealers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SW (NW)	749	-	317196 174445
296	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Wessex Garages Ltd            Location: 289, Penarth Road, Cardiff, CF11 8TT            Classification: Car Dealers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SW (NW)	763	-	317204 174492
296	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Sytner Mini            Location: 289, Penarth Road, CARDIFF, CF11 8TT            Classification: Car Dealers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SW (NW)	763	-	317204 174492
297	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Shine &amp; Bright            Location: Penarth Rd, Cardiff, South Glamorgan, CF11 8TW            Classification: Cleaning Services - Domestic  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A17SW (NW)	758	-	317269 174581
297	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Quay Vehicle Solutions            Location: Penarth Rd, Cardiff, South Glamorgan, CF11 8TW            Classification: Car Dealers - Used  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A17SW (NW)	758	-	317269 174581
297	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Concept Saab            Location: 291, Penarth Road, CARDIFF, CF11 8TT            Classification: Car Dealers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SW (NW)	780	-	317231 174566
298	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Exeldent            Location: 6, Grangemoor Court, Cardiff, CF11 0AR            Classification: Car Body Repairs  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A7SE (SW)	758	-	317419 173315
299	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Clarence Bridge Service Station            Location: Unit 1 Hurman St, Cardiff Bay, Cardiff, South Glamorgan, CF10 5FD            Classification: Mot Testing Centres  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A19SE (NE)	762	-	318702 174662
300	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Premier Cars Wales            Location: Marriot House, Penarth Road, Cardiff, CF11 8TT            Classification: Car Dealers - Used  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	765	-	317144 174357
300	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Ken Thorne            Location: Thorne House, Penarth Road, Cardiff, South Glamorgan, CF11 8TT            Classification: Car Dealers - Used  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	765	-	317144 174357
300	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Carshop Cardiff            Location: Penarth Road, Cardiff, South Glamorgan, CF11 8TT            Classification: Car Dealers - Used  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	765	-	317144 174357
300	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Lloyds            Location: Penarth Rd, Cardiff, South Glamorgan, CF11 8TT            Classification: Car Body Repairs  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A12NW (W)	765	-	317144 174357

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
301	<b>Contemporary Trade Directory Entries</b> Name: Vale Carpet Cleaning Cardiff Location: 107 Corporation Road, Cardiff, South Glamorgan, CF11 7AR Classification: Carpet, Curtain & Upholstery Cleaners <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A18NE (N)	767	-	318034 174977
301	<b>Contemporary Trade Directory Entries</b> Name: Vale Carpet Cleaning Location: 107, Corporation Road, Cardiff, CF11 7AR Classification: Carpet, Curtain & Upholstery Cleaners <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NE (N)	767	-	318034 174977
302	<b>Contemporary Trade Directory Entries</b> Name: Bentley Cardiff Location: 293, Penarth Road, Cardiff, CF11 8TT Classification: Car Customisation & Conversion Specialists <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A17SW (NW)	774	-	317205 174515
302	<b>Contemporary Trade Directory Entries</b> Name: Bentley Cardiff Location: 293, Penarth Road, Cardiff, CF11 8TT Classification: Car Dealers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A17SW (NW)	774	-	317205 174515
303	<b>Contemporary Trade Directory Entries</b> Name: Bay Telecom Ltd Location: 108, Taff Embankment, Cardiff, CF11 7BH Classification: Telecommunications Equipment & Systems <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NE (N)	780	-	318160 174989
304	<b>Contemporary Trade Directory Entries</b> Name: Caledonia Motor Group Location: Kismet House, Penarth Road, Cardiff, CF11 8TT Classification: Car Dealers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A17SW (NW)	787	-	317308 174672
305	<b>Contemporary Trade Directory Entries</b> Name: Rapid Fit Location: Penarth Road, Cardiff, CF11 8YZ Classification: Exhaust & Shock Absorber Centres <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A17NE (NW)	792	-	317416 174772
305	<b>Contemporary Trade Directory Entries</b> Name: Abbey Garages Ltd Location: Penarth Road, Cardiff, CF11 8YZ Classification: Garage Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A17NE (NW)	792	-	317416 174772
305	<b>Contemporary Trade Directory Entries</b> Name: Fordthorne Location: Penarth Road, Cardiff, CF11 8YZ Classification: Car Body Repairs <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A17NE (NW)	792	-	317416 174772
305	<b>Contemporary Trade Directory Entries</b> Name: Ford Rapid Fit Location: 281 Penarth Rd, Cardiff, South Glamorgan, CF11 8YZ Classification: Tyre Dealers <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A17NE (NW)	792	-	317416 174771
305	<b>Contemporary Trade Directory Entries</b> Name: Fordthorne Location: Penarth Road, Cardiff, South Glamorgan, CF11 8YZ Classification: Car Dealers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A17NE (NW)	792	-	317416 174772
305	<b>Contemporary Trade Directory Entries</b> Name: Fordthorne Location: Penarth Road, Cardiff, CF11 8YZ Classification: Car Customisation & Conversion Specialists <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A17NE (NW)	792	-	317416 174772

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
305	<b>Contemporary Trade Directory Entries</b> Name: Fordthorne Location: Penarth Road, Cardiff, South Glamorgan, CF11 8YZ Classification: Car Dealers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A17NE (NW)	793	-	317416 174772
305	<b>Contemporary Trade Directory Entries</b> Name: Fordthorne Location: Penarth Road, Cardiff, South Glamorgan, CF11 8YZ Classification: Car Dealers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A17NE (NW)	793	-	317416 174772
305	<b>Contemporary Trade Directory Entries</b> Name: Fordthorne Location: Penarth Road, Cardiff, South Glamorgan, CF11 8YZ Classification: Car Dealers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A17NE (NW)	793	-	317416 174772
305	<b>Contemporary Trade Directory Entries</b> Name: Fordthorne Location: Penarth Road, Cardiff, South Glamorgan, CF11 8YZ Classification: Car Dealers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A17NE (NW)	793	-	317416 174772
305	<b>Contemporary Trade Directory Entries</b> Name: Fordthorns Motor Park Volvo Location: 281 Penarth rd, Cardiff, South Glamorgan, CF11 8YZ Classification: Car Dealers <b>Status: Inactive</b> Positional Accuracy: Manually positioned within the geographical locality	A17NE (NW)	793	-	317416 174772
305	<b>Contemporary Trade Directory Entries</b> Name: Ford Thorne Location: Fordthorne Body Shop, Fordthorne, 281, Penarth Road, Cardiff, CF11 8YZ Classification: Car Dealers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A17NE (NW)	832	-	317377 174793
306	<b>Contemporary Trade Directory Entries</b> Name: T A Reed Ltd Location: Osprey House, Harrowby Street, Cardiff, CF10 5GA Classification: Marine Engineers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A19SE (NE)	793	-	318795 174568
306	<b>Contemporary Trade Directory Entries</b> Name: Assembly Auto Repairs Location: 2, Harrowby Street, Cardiff, South Glamorgan, CF10 5GA Classification: Garage Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A19SE (NE)	793	-	318795 174568
306	<b>Contemporary Trade Directory Entries</b> Name: Vokes & Elsheikh Ltd Location: 5, Douglas Buildings, Royal Stuart Lane, Cardiff, CF10 5EL Classification: Clothing & Fabrics - Manufacturers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A19SE (NE)	816	-	318835 174539
306	<b>Contemporary Trade Directory Entries</b> Name: M T S Network Logistics Uk Ltd Location: 1, Douglas Buildings, Royal Stuart Lane, Cardiff, South Glamorgan, CF10 5EL Classification: Freight Forwarders <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A19SE (NE)	816	-	318835 174539
306	<b>Contemporary Trade Directory Entries</b> Name: Multilec Electrical Services Location: 4 Douglas Buildings, Royal Stuart Lane, Cardiff, CF10 5EL Classification: Electrical Engineers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A19SE (NE)	816	-	318835 174538
306	<b>Contemporary Trade Directory Entries</b> Name: Duct Hygiene Projects Location: 1, Douglas Buildings, Royal Stuart Lane, Cardiff, CF10 5EL Classification: Commercial Cleaning Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A19SE (NE)	816	-	318835 174539

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
306	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Morgan Abrasives &amp; Industrial Supplies            Location: Unit 4, Royal Stuart Workshops, Adelaide Place, Cardiff, CF10 5BR            Classification: Abrasive Products - Wholesalers            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	830	-	318841 174559
306	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Ampersand Glass            Location: Unit 12/13, Royal Stuart Workshops, Adelaide Place, Cardiff, South Glamorgan, CF10 5BR            Classification: Glass Engravers &amp; Decorators            Status: <b>Inactive</b>            Positional Accuracy: Manually positioned to the address or location</p>	A19SE (NE)	830	-	318841 174559
306	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Redcraft Ltd            Location: Cardiff, CF10 5BR            Classification: Glass Engravers &amp; Decorators            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	830	-	318841 174559
307	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: E P O S Systems            Location: 37, Judkin Court, Heol Tredwen, Cardiff, CF10 5AU            Classification: Cash Registers &amp; Check-Out Equipment            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A19NE (NE)	798	-	318708 174713
308	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Consortia Group            Location: 6, Stadium Close, Cardiff, CF11 8TS            Classification: Waste Disposal Services            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	800	-	317072 174127
308	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: The Cardiff Appliance Warehouse Ltd            Location: 4, Stadium Close, Cardiff, CF11 8TS            Classification: Electrical Goods Sales, Manufacturers &amp; Wholesalers            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	820	-	317053 174148
308	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Uk Frozen Foods Ltd            Location: 1a Stadium Clo, Cardiff, South Glamorgan, CF11 8TS            Classification: Meat - Wholesale            Status: <b>Inactive</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A12NW (W)	846	-	317026 174114
309	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: J B S Electric Motors &amp; Controls            Location: 10, Bargoed Street, Cardiff, CF11 7AF            Classification: Electric Motor Sales &amp; Service            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A18NE (N)	802	-	318071 175014
310	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: R M D Kwik Form Ltd            Location: Penarth Road, Cardiff, South Glamorgan, CF11 8UP            Classification: Scaffolding &amp; Work Platforms            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	807	-	317086 174303
311	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Metpro Wales            Location: 7-8, Stuart Close, Cardiff, CF11 8QF            Classification: Packaging Materials Manufacturers &amp; Suppliers            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A12SW (W)	813	-	317071 173982
312	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Hazelwood Joinery Ltd            Location: Hazelwood Ho, Penhevad St, Cardiff, South Glamorgan, CF11 7LT            Classification: Joinery Manufacturers            Status: <b>Inactive</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A18NW (N)	816	-	317786 174971

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
313	<b>Contemporary Trade Directory Entries</b> Name: Westco Location: 307, Penarth Road, Cardiff, CF11 8YN Classification: Floorcoverings - Manufacturers & Wholesalers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A12NW (W)	817	-	317061 174220
314	<b>Contemporary Trade Directory Entries</b> Name: Culver Cardiff Ltd Location: Penarth Rd, Cardiff, South Glamorgan, CF11 8TT Classification: Car Dealers <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A17SW (NW)	823	-	317214 174617
314	<b>Contemporary Trade Directory Entries</b> Name: Drainage Systems (Cardiff) Ltd Location: Penarth Rd, Cardiff, South Glamorgan, CF11 8TT Classification: Builders' Merchants <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A17SW (NW)	828	-	317226 174640
315	<b>Contemporary Trade Directory Entries</b> Name: Castell Gwyn Location: 45, Grangemoor Court, Cardiff, CF11 0AH Classification: Carpet, Curtain & Upholstery Cleaners <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7SE (SW)	824	-	317396 173245
315	<b>Contemporary Trade Directory Entries</b> Name: Castell Gwyn Location: 45, Grangemoor Court, Cardiff, CF11 0AH Classification: Carpet, Curtain & Upholstery Cleaners <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A7SE (SW)	824	-	317396 173245
316	<b>Contemporary Trade Directory Entries</b> Name: Kingsmaid Location: Penstone Ct, Chandlery Way, Cardiff, South Glamorgan, CF10 5NL Classification: Cleaning Services - Domestic <b>Status: Inactive</b> Positional Accuracy: Manually positioned within the geographical locality	A19NW (NE)	825	-	318618 174842
317	<b>Contemporary Trade Directory Entries</b> Name: Poeton Location: 283, Penarth Road, Cardiff, CF11 8UL Classification: Metal Finishing Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A17NE (NW)	826	-	317360 174772
318	<b>Contemporary Trade Directory Entries</b> Name: Best Choice Tyres Location: 50, Clive Street, Cardiff, CF11 7JD Classification: Tyre Dealers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A17NE (NW)	834	-	317542 174892
318	<b>Contemporary Trade Directory Entries</b> Name: Phat Tyres Location: Rear of, 50 Clive St, Cardiff, South Glamorgan, CF11 7JD Classification: Tyre Dealers <b>Status: Inactive</b> Positional Accuracy: Manually positioned to an adjacent address or location	A17NE (NW)	834	-	317542 174892
319	<b>Contemporary Trade Directory Entries</b> Name: S C Circuits Ltd Location: 4, Stuart Close, Cardiff, CF11 8QF Classification: Printed Circuit Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A12SW (W)	858	-	317022 174012
320	<b>Contemporary Trade Directory Entries</b> Name: Taylor Motor Services Location: 82a, Stockland Street, Cardiff, CF11 7LX Classification: Garage Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	863	-	317861 175045
320	<b>Contemporary Trade Directory Entries</b> Name: J Mccarthy Motor Services Location: 82a, Stockland Street, Cardiff, CF11 7LX Classification: Engineers - General <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	863	-	317861 175045

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
320	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Taylor Motor Services            Location: 82a, Stockland Street, Cardiff, South Glamorgan, CF11 7LX            Classification: Garage Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A18NW (N)	863	-	317861 175045
320	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Clarence Hardware            Location: 64, Corporation Road, CARDIFF, CF11 7AW            Classification: Hardware  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A23SW (N)	868	-	317890 175057
321	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Cardiff Heating Repairs            Location: 79, Overstone Court, Cardiff, CF10 5NT            Classification: Boilers - Servicing, Replacements &amp; Repairs  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A19NW (NE)	866	-	318484 174981
322	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Stratstone Land Rover            Location: 232, Penarth Road, Cardiff, CF11 8LR            Classification: Car Dealers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SW (NW)	870	-	317116 174552
323	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Cardiff Honda            Location: 230, Penarth Road, Cardiff, CF11 8TU            Classification: Car Customisation &amp; Conversion Specialists  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SW (NW)	887	-	317156 174646
324	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Kwik-Fit            Location: Penarth Road, Cardiff, South Glamorgan, CF10 5DL            Classification: Tyre Dealers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	893	-	317404 174884
324	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Smits Autogas Ltd            Location: Smits House, Penarth Rd, Cardiff, South Glamorgan, CF11 8TT            Classification: Autogas Suppliers &amp; Installers  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A17NE (NW)	920	-	317363 174890
324	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Williams Motor Co            Location: 216, Penarth Road, Cardiff, CF11 8NN            Classification: Car Dealers - Used  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the address or location</p>	A17NE (NW)	960	-	317339 174923
324	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Williams Motor Co            Location: 216, Penarth Road, Cardiff, CF11 8NN            Classification: Car Dealers - Used  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	962	-	317339 174924
325	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Utility Grid Installations            Location: Mount Stuart House, Mount Stuart Square, Cardiff, South Glamorgan, CF10 5FQ            Classification: Gas Companies  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the address or location</p>	A19SE (NE)	905	-	318892 174625
326	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Bay Services            Location: 61, Lynton Court, Chandlery Way, Cardiff, CF10 5NF            Classification: Chemical Engineers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A19NE (NE)	913	-	318777 174810

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
327	<b>Contemporary Trade Directory Entries</b> Name: Exhaust Tyres & Batteries Ltd Location: 271 Penarth Road, Cardiff, South Glamorgan, CF11 8TT Classification: Tyre Dealers <b>Status: Active</b> Positional Accuracy: Manually positioned to the address or location	A17NE (NW)	915	-	317404 174911
327	<b>Contemporary Trade Directory Entries</b> Name: S G M Towing Location: 275, Penarth Road, Cardiff, CF11 8TT Classification: Trailers & Towing Equipment <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A17NE (NW)	923	-	317416 174927
327	<b>Contemporary Trade Directory Entries</b> Name: Williams Motor Co Location: 216 Penarth Rd, Cardiff, South Glamorgan, CF11 8NN Classification: Car Dealers - Used <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A17NE (NW)	928	-	317372 174906
327	<b>Contemporary Trade Directory Entries</b> Name: Hss Lift & Shift Location: 265-273, Penarth Road, Cardiff, CF11 8TT Classification: Lifting Equipment <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A17NE (NW)	931	-	317412 174935
327	<b>Contemporary Trade Directory Entries</b> Name: Hss Lift & Shift Location: 265-273, Penarth Road, Cardiff, CF11 8TT Classification: Lifting Equipment <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A17NE (NW)	931	-	317412 174935
328	<b>Contemporary Trade Directory Entries</b> Name: Woodhead R S R Ltd Location: Unit 1a, Stuart Close, Cardiff, CF11 8QF Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A11SE (W)	920	-	316957 174032
328	<b>Contemporary Trade Directory Entries</b> Name: Intertruck Location: Unit 1A, Stuart Close, Cardiff, CF11 8QF Classification: Car Radiator Servicing & Repairs <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A11SE (W)	920	-	316957 174032
329	<b>Contemporary Trade Directory Entries</b> Name: Door Maintenance Co Ltd Location: Unit 7/8, Curran Road, Cardiff, CF10 5DF Classification: Door Manufacturers - Industrial <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A24SW (N)	927	-	318335 175105
329	<b>Contemporary Trade Directory Entries</b> Name: Britalia Door Products Ltd Location: Unit 8, Curran Road, Cardiff, CF10 5DF Classification: Door Manufacturers - Industrial <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A24SW (N)	927	-	318335 175105
329	<b>Contemporary Trade Directory Entries</b> Name: Tema Engineering Location: Unit 14-15, Curran Buildings, Curran Road, Cardiff, CF10 5DF Classification: Industrial Services <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A24SW (N)	927	-	318335 175105
329	<b>Contemporary Trade Directory Entries</b> Name: Blastpride Ltd Location: Unit 7/9, Curran Buildings, Curran Road, Cardiff, CF10 5NE Classification: Blast Cleaning <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A24SW (N)	927	-	318335 175105
329	<b>Contemporary Trade Directory Entries</b> Name: Blastpride Holdings Ltd Location: Unit 7/9, Curran Buildings, Curran Road, Cardiff, CF10 5NE Classification: Blast Cleaning <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A24SW (N)	927	-	318335 175105

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
329	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: A B C Dismantlers            Location: Curran Road, Cardiff, South Glamorgan, CF10 5DF            Classification: Car Breakers &amp; Dismantlers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A24SW (N)	927	-	318335 175105
329	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Advanced Powder Coatings Ltd            Location: Unit 7/9, Curran Buildings, Curran Road, Cardiff, CF10 5NE            Classification: Powder Coatings  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A24SW (N)	927	-	318335 175105
329	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: A E Knill &amp; Co Ltd            Location: Unit 7, Curran Road, Cardiff, CF10 5DF            Classification: Scrap Metal Merchants  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A24SW (N)	927	-	318335 175105
329	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Alliance Powder Coatings            Location: Unit 7k Curran rd, Cardiff, South Glamorgan, CF10 5DF            Classification: Powder Coatings  <b>Status: Active</b>            Positional Accuracy: Manually positioned to the address or location</p>	A24SW (N)	927	-	318335 175105
330	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Woodpecker Products Ltd            Location: 9, Curran Embankment, Cardiff, CF10 5FX            Classification: Sawdust &amp; Shavings  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A23SE (N)	933	-	318230 175134
330	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Cardiff Arms Salvage            Location: 9, Curran Embankment, Cardiff, South Glamorgan, CF10 5FX            Classification: Salvage Dealers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A23SE (N)	933	-	318230 175134
331	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Madol            Location: 36, Corporation Road, Cardiff, CF11 7AU            Classification: Window Tinting  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A23SW (N)	937	-	317821 175111
332	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: C &amp; N Automotive Trade            Location: Unit 20, Freemans Parc, Penarth Road, Cardiff, CF11 8EQ            Classification: Car Dealers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A11NE (W)	944	-	316961 174369
332	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Core Engineering Ltd            Location: Unit 18/A, Freemans Parc, Penarth Road, Cardiff, CF11 8EQ            Classification: Sheet Metal Work  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A11NE (W)	944	-	316961 174369
332	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: C I V S            Location: Unit 17a, Freemans Parc, Penarth Road, Cardiff, CF11 8EQ            Classification: Garage Services  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A16SE (W)	953	-	316966 174418
332	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: C I V S            Location: Unit 17a, Freemans Parc, Penarth Road, Cardiff, CF11 8EQ            Classification: Garage Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A16SE (W)	953	-	316966 174418
333	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Arc (Uk) Ltd            Location: 1100, Roma, Victoria Wharf, Watkiss Way, Cardiff, CF11 0SJ            Classification: Chemicals &amp; Allied Products  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A7SE (SW)	945	-	317472 173043



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
334	<b>Contemporary Trade Directory Entries</b> Name: C3 Imaging (Cardiff) Ltd Location: Unit 10, Stuart Close, Cardiff, South Glamorgan, CF11 8QF Classification: Printers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A11SE (W)	948	-	316937 173971
335	<b>Contemporary Trade Directory Entries</b> Name: Finebran Ltd Location: Unit 5/6, Curran Road, Cardiff, CF10 5DF Classification: Scrap Metal Merchants <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A24SW (N)	951	-	318435 175097
335	<b>Contemporary Trade Directory Entries</b> Name: A W T Engineering Ltd Location: Unit 7A, Curran Road, Cardiff, CF10 5DF Classification: Precision Engineers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A24SW (N)	951	-	318435 175097
335	<b>Contemporary Trade Directory Entries</b> Name: Taylor Products Ltd Location: Unit 5, Curran Road, Cardiff, South Glamorgan, CF10 5DF Classification: Heating Equipment - Sales & Service <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A24SW (N)	951	-	318435 175097
335	<b>Contemporary Trade Directory Entries</b> Name: Mouldings Ltd Location: Unit 6, Curran Road, Cardiff, South Glamorgan, CF10 5DF Classification: Plastic Products - Manufacturers <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A24SW (N)	952	-	318435 175097
336	<b>Contemporary Trade Directory Entries</b> Name: D & G Autos Location: 10, Clive Street, Cardiff, CF11 7JB Classification: Car Body Repairs <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A17NE (NW)	956	-	317505 175009
337	<b>Contemporary Trade Directory Entries</b> Name: Nathaniel Mg Cardiff Showroom Location: 218 Penarth Road, Cardiff, South Glamorgan, CF11 8NN Classification: Car Dealers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A17NW (NW)	956	-	317304 174892
338	<b>Contemporary Trade Directory Entries</b> Name: Top Bannana Computers Location: Stuart St, Cardiff, South Glamorgan, CF10 5BW Classification: Computer Manufacturers <b>Status: Inactive</b> Positional Accuracy: Manually positioned within the geographical locality	A20SW (E)	960	-	319027 174411
339	<b>Contemporary Trade Directory Entries</b> Name: General Engineering Services Location: 244, Penarth Road, Cardiff, CF11 8TU Classification: Engineers - General <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A11NE (W)	964	-	316908 174124
340	<b>Contemporary Trade Directory Entries</b> Name: Gallaher Location: 236, Penarth Road, Cardiff, CF11 8JF Classification: Tobacco Products - Manufacturers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A11NE (W)	965	-	316921 174285
340	<b>Contemporary Trade Directory Entries</b> Name: Warmfront Fires Location: Unit C, Freemans Parc, Penarth Road, Cardiff, CF11 8EQ Classification: Fireplaces & Mantelpieces <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A11NE (W)	968	-	316916 174267
341	<b>Contemporary Trade Directory Entries</b> Name: Royal Pharmaceutical Society Of Great Britain Location: 14, Mount Stuart Square, Cardiff, South Glamorgan, CF10 5DP Classification: Pharmaceutical Manufacturers & Distributors <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A19SE (NE)	966	-	318957 174633

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
342	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Hosking Accident Repair Centre            Location: Unit 5 Hoskin Industrial Estate, Dumballs Road, Cardiff, South Glamorgan, CF10 5FG            Classification: Commercial Vehicle Bodybuilders &amp; Repairers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A19NE (NE)	967	-	318827 174834
342	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Thomas Hosking Ltd            Location: Thomas Hosking &amp; Sons Ltd Unit 4, Dumballs Road Industrial Estate, Dumballs Road, Cardiff, CF10 5FG            Classification: Commercial Vehicle Bodybuilders &amp; Repairers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A19NE (NE)	975	-	318836 174835
343	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: A M T Marine &amp; Industrial Engineering Ltd            Location: Unit 10, Freemans Parc, Penarth Road, Cardiff, CF11 8EQ            Classification: Marine Engineering Equipment Manufacturers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A11NE (W)	971	-	316926 174339
343	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Robert Smith Jks (Penarth) Ltd            Location: Unit 11, Freemans Parc, Penarth Road, Cardiff, CF11 8EQ            Classification: Garage Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A11NE (W)	981	-	316916 174343
343	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: E Cars Uk            Location: Unit 11, Freemans Parc, Penarth Road, Cardiff, CF11 8EQ            Classification: Car Dealers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A11NE (W)	981	-	316916 174343
344	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Cardiff Motor Co            Location: Unit D3, West Point Industrial Estate, Penarth Road, Cardiff, CF11 8JQ            Classification: Car Dealers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A7NW (SW)	985	-	317013 173538
345	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Johnstone'S            Location: Unit 5 Hadfield Rd, Cardiff, South Glamorgan, CF11 8AQ            Classification: Painting &amp; Decorating Supplies  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A17SW (NW)	990	-	317030 174644
346	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Morgan Lewis            Location: 539, Ravenswood, Victoria Wharf, Watkiss Way, Cardiff, CF11 0SD            Classification: Commercial Cleaning Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A2NE (S)	996	-	317589 172930
347	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Aa Service Centre            Location: 214, Penarth Road, Cardiff, CF11 8NN            Classification: Garage Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	998	-	317323 174957
348	<p><b>Fuel Station Entries</b></p> <p>Name: Asda Cardiff Bay            Location: Ferry Road, Grangetown, Cardiff, Cardiff, CF11 0JL            Brand: ASDA            Premises Type: Hypermarket  <b>Status: Open</b>            Positional Accuracy: Manually positioned to the address or location</p>	A7NE (SW)	403	-	317632 173605
349	<p><b>Fuel Station Entries</b></p> <p>Name: Mfg Cardiff Bay            Location: 235, Corporation Road, Grangetown, Cardiff, Cardiff, CF11 7AS            Brand: Esso            Premises Type: Petrol Station  <b>Status: Open</b>            Positional Accuracy: Automatically positioned to the address</p>	A19NW (NE)	633	-	318464 174720

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
350	<b>Fuel Station Entries</b> Name: Grange Service Station Location: 91-97, Clive Street St Fagans Street, Grangetown , Cardiff, Cardiff, CF11 7HN Brand: MURCO Premises Type: Not Applicable Status: <b>Obsolete</b> Positional Accuracy: Manually positioned to the address or location	A17NE (NW)	664	-	317638 174747
351	<b>Fuel Station Entries</b> Name: Morrisons Penarth Location: International Drive , International Sports Village , Cardiff, Cardiff, CF11 0SP Brand: Morrisons Premises Type: Hypermarket Status: <b>Open</b> Positional Accuracy: Manually positioned to the address or location	A8SW (S)	673	-	317834 173196
352	<b>Fuel Station Entries</b> Name: Abbey Garages Cardiff Location: 281, Penarth Road , Grangetown , Cardiff, Cardiff, CF11 8YZ Brand: Unbranded Premises Type: Not Applicable Status: <b>Obsolete</b> Positional Accuracy: Manually positioned to the address or location	A17NE (NW)	865	-	317348 174812
353	<b>Points of Interest - Commercial Services</b> Name: Denim Master Ltd Location: 151 Ffordd James McGhan, Cardiff, CF11 7JU Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A13SW (W)	159	11	317739 174026
354	<b>Points of Interest - Commercial Services</b> Name: Arc Carwash & Valeting Centre Location: Unit 1g Cardiff Bay Retail Park, Ferry Road, Cardiff, CF11 0JR Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A13SW (W)	240	11	317677 173951
355	<b>Points of Interest - Commercial Services</b> Name: Auto Care Location: Unit 2 Windsor Buildings, Ferry Road, Cardiff, CF11 0JL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (NW)	248	11	317718 174318
355	<b>Points of Interest - Commercial Services</b> Name: Autocare Accident & Service Centre Location: Unit 2 Windsor Buildings, Ferry Road, Cardiff, CF11 0JL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (NW)	248	11	317718 174318
356	<b>Points of Interest - Commercial Services</b> Name: Asda Cardiff Bay Location: Ferry Road, Grangetown, Cardiff, CF11 0JL Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A8NW (SW)	399	11	317664 173577
356	<b>Points of Interest - Commercial Services</b> Name: Car Wash Location: Ferry Road, Grangetown, Cardiff, South Glamorgan, CF11 0JL Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A8NW (SW)	399	11	317664 173577
356	<b>Points of Interest - Commercial Services</b> Name: IMO - arc Clean Car Centres Location: Cardiff Bay Retail Park, Ferry Road, Cardiff, CF11 0JR Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A8NW (SW)	404	11	317663 173571
357	<b>Points of Interest - Commercial Services</b> Name: D M Motor Repairs Location: Rear Of 176, Clive Street, Cardiff, CF11 7JG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	449	11	317632 174503

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
357	<b>Points of Interest - Commercial Services</b> Name: D M Motor Repairs Location: Rear of 176, Clive Street, Cardiff, CF11 7JG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	449	11	317632 174503
358	<b>Points of Interest - Commercial Services</b> Name: C J Autos Location: 128 Clive Street, Cardiff, CF11 7JE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	596	11	317609 174660
359	<b>Points of Interest - Commercial Services</b> Name: Mfg Cardiff Bay Location: 235 Corporation Road, Cardiff, CF11 7AS Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A19NW (NE)	633	11	318464 174720
359	<b>Points of Interest - Commercial Services</b> Name: Car Wash Location: 235 Corporation Road, Cardiff, CF11 7AS Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A19NW (NE)	633	11	318464 174720
360	<b>Points of Interest - Commercial Services</b> Name: M G P Motors Location: 25 St. Fagans Street, Cardiff, CF11 7LG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17NE (NW)	668	11	317638 174752
360	<b>Points of Interest - Commercial Services</b> Name: Grange Service Station Location: 91-97 Clive Street, Cardiff, CF11 7HN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17NE (NW)	668	11	317638 174752
360	<b>Points of Interest - Commercial Services</b> Name: M G P Motors Location: 25 St. Fagans Street, Cardiff, CF11 7LG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17NE (NW)	668	11	317638 174752
360	<b>Points of Interest - Commercial Services</b> Name: Grange Service Station Location: 91-97 Clive Street, Cardiff, CF11 7HN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17NE (NW)	668	11	317638 174752
360	<b>Points of Interest - Commercial Services</b> Name: Springers Location: 7 Llanmaes Street, Cardiff, CF11 7LQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (NW)	716	11	317658 174811
361	<b>Points of Interest - Commercial Services</b> Name: Car Wash Location: International Drive, Cardiff, CF11 0JP Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A8SW (S)	673	11	317834 173196
361	<b>Points of Interest - Commercial Services</b> Name: Morrisons Penarth Location: International Drive, Cardiff, CF11 0JP Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A8SW (S)	696	11	317839 173172
362	<b>Points of Interest - Commercial Services</b> Name: Vehicle Repairs & Services & Body Repairs Location: Unit 3a Gulf Works, Penarth Road, Cardiff, CF11 8TT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	718	11	317282 174532

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
363	<b>Points of Interest - Commercial Services</b> Name: Exeldent Location: 6 Grangemoor Court, Cardiff, CF11 0AR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7SE (SW)	759	11	317418 173314
364	<b>Points of Interest - Commercial Services</b> Name: Carshop Megastore Ltd Location: Penarth Road, Cardiff, CF11 8TT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NW (W)	765	11	317144 174357
365	<b>Points of Interest - Commercial Services</b> Name: Fordthorne Location: Penarth Road, Cardiff, CF11 8YZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17NE (NW)	792	11	317416 174772
366	<b>Points of Interest - Commercial Services</b> Name: Assembly Auto Repairs Location: 2 Harrowby Street, Cardiff, CF10 5GA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SE (NE)	793	11	318795 174568
367	<b>Points of Interest - Commercial Services</b> Name: E M S Services Location: 6 Stadium Close, Cardiff, CF11 8TS Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A12NW (W)	800	11	317072 174127
367	<b>Points of Interest - Commercial Services</b> Name: Reactive Integrated Services Location: 6 Stadium Close, Cardiff, CF11 8TS Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A12NW (W)	800	11	317072 174126
367	<b>Points of Interest - Commercial Services</b> Name: Pectel Location: 6 Stadium Close, Cardiff, CF11 8TS Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A12NW (W)	800	11	317072 174127
368	<b>Points of Interest - Commercial Services</b> Name: Taylor Motor Services Location: 82a Stockland Street, Cardiff, CF11 7LX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	863	11	317861 175045
368	<b>Points of Interest - Commercial Services</b> Name: Taylor Motor Services Location: 82a Stockland Street, Cardiff, CF11 7LX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	863	11	317861 175045
369	<b>Points of Interest - Commercial Services</b> Name: Kwik-Fit (GB) Limited Location: Penarth Road, Cardiff, CF10 5DL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17NE (NW)	893	11	317403 174884
369	<b>Points of Interest - Commercial Services</b> Name: Exhaust Tyres & Batteries Location: 277 Penarth Road, Cardiff, South Glamorgan, CF11 8TT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17NE (NW)	893	11	317405 174886
369	<b>Points of Interest - Commercial Services</b> Name: Kwik-Fit (GB) Limited Location: Penarth Road, Cardiff, CF10 5DL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17NE (NW)	893	11	317404 174884

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
370	<b>Points of Interest - Commercial Services</b> Name: Cardiff Car Detailing Location: Unit B1 Freemans Parc, Penarth Road, Cardiff, CF11 8EQ Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A17SW (W)	913	11	317004 174404
370	<b>Points of Interest - Commercial Services</b> Name: Flat Out Alloys Location: Unit 19 Freemans Parc, Penarth Road, Cardiff, CF11 8EQ Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A17SW (NW)	946	11	316997 174483
370	<b>Points of Interest - Commercial Services</b> Name: C I V S Location: Unit 17a Freemans Parc, Penarth Road, Cardiff, CF11 8EQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A16SE (W)	953	11	316966 174418
370	<b>Points of Interest - Commercial Services</b> Name: C I V S Location: Unit 17a Freemans Parc, Penarth Road, Cardiff, CF11 8EQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A16SE (W)	953	11	316966 174418
371	<b>Points of Interest - Commercial Services</b> Name: Woodhead R S R Ltd Location: Unit 1A, Stuart Close, Cardiff, CF11 8QF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A11SE (W)	920	11	316957 174032
371	<b>Points of Interest - Commercial Services</b> Name: Serck Intertruck Location: Unit 1A, Stuart Close, Cardiff, CF11 8QF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A11SE (W)	920	11	316957 174032
371	<b>Points of Interest - Commercial Services</b> Name: Intertruck Location: Unit 1A, Stuart Close, Cardiff, CF11 8QF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A11SE (W)	920	11	316957 174032
371	<b>Points of Interest - Commercial Services</b> Name: Inter Truck Location: Unit 1a, Stuart Close, Cardiff, CF11 8QF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A11SE (W)	920	11	316957 174032
372	<b>Points of Interest - Commercial Services</b> Name: S G M Towing Location: 275 Penarth Road, Cardiff, CF11 8TT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17NE (NW)	923	11	317416 174927
372	<b>Points of Interest - Commercial Services</b> Name: J & P Autos Location: 206a Penarth Road, Cardiff, CF11 6NN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17NE (NW)	988	11	317414 175001
372	<b>Points of Interest - Commercial Services</b> Name: J & P Autos Location: 206a Penarth Road, Cardiff, CF11 6NN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17NE (NW)	988	11	317414 175001
372	<b>Points of Interest - Commercial Services</b> Name: J & P Autos Ltd Location: 206a Penarth Road, Cardiff, CF11 6NN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17NE (NW)	988	11	317414 175000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
373	<b>Points of Interest - Commercial Services</b> Name: Cardiff Arms Salvage Location: 9 Curran Embankment, Cardiff, CF10 5FX Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A23SE (N)	933	11	318230 175134
373	<b>Points of Interest - Commercial Services</b> Name: Cardiff Arms Salvage Location: 9 Curran Embankment, Cardiff, CF10 5FX Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A23SE (N)	933	11	318230 175134
374	<b>Points of Interest - Commercial Services</b> Name: Cardiff Mini Centre Location: Unit 11 Freemans Parc, Penarth Road, Cardiff, CF11 8EQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A11NE (W)	944	11	316961 174369
374	<b>Points of Interest - Commercial Services</b> Name: Kusten Vorland Location: Unit 7 Freemans Parc, Penarth Road, Cardiff, CF11 8EQ Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A11NE (W)	945	11	316960 174369
374	<b>Points of Interest - Commercial Services</b> Name: Core Engineering Ltd Location: Unit 18/A Freemans Parc, Penarth Road, Cardiff, CF11 8EQ Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A11NE (W)	945	11	316960 174369
375	<b>Points of Interest - Commercial Services</b> Name: Finebran Ltd Location: Unit 5/6, Curran Road, Cardiff, CF10 5DF Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A24SW (N)	951	11	318435 175097
375	<b>Points of Interest - Commercial Services</b> Name: Finebran Ltd Location: Unit 5-6, Curran Road, Cardiff, CF10 5DF Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A24SW (N)	951	11	318435 175097
375	<b>Points of Interest - Commercial Services</b> Name: Cardiff Arms Environmental Services Ltd Location: Unit 7-8 Curran Road Industrial Estate, Curran Road, Cardiff, CF10 5DF Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A24SW (N)	951	11	318435 175096
376	<b>Points of Interest - Education and Health</b> Name: Nuffield Health Cardiff Bay Location: 1 Dunleavy Drive, Cardiff, CF11 0SN Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A7SE (SW)	684	11	317513 173330
377	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: CF11 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A8NW (S)	252	11	317853 173625
378	<b>Points of Interest - Manufacturing and Production</b> Name: Philip Collins Location: 43 Ferry Road, Cardiff, CF11 7DW Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location	A18SW (NW)	277	11	317848 174414
378	<b>Points of Interest - Manufacturing and Production</b> Name: Philip Collins Stoneclad Location: 43 Ferry Road, Cardiff, CF11 7DW Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location	A18SW (NW)	278	11	317847 174414

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
378	<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	A18SW (N)	330	11	317872 174483
379	<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	A17SE (NW)	393	11	317651 174449
379	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: CF11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	393	11	317651 174449
379	<b>Points of Interest - Manufacturing and Production</b> Name: Apollo Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	409	11	317645 174464
379	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: CF11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	409	11	317644 174464
380	<b>Points of Interest - Manufacturing and Production</b> Name: Tanks Location: CF11 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	517	11	318341 174661
380	<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	A19SW (NE)	542	11	318382 174666
381	<b>Points of Interest - Manufacturing and Production</b> Name: Gas Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	535	11	317349 174233
382	<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	A8SE (S)	546	11	318007 173318
383	<b>Points of Interest - Manufacturing and Production</b> Name: Tanks Location: CF11 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	571	11	317316 173994
383	<b>Points of Interest - Manufacturing and Production</b> Name: Tanks Location: CF11 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	596	11	317287 174009
383	<b>Points of Interest - Manufacturing and Production</b> Name: Gas Works Location: CF11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	645	11	317246 173970



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
384	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: CF10 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	675	11	318655 174577
384	<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	A19SW (NE)	676	11	318655 174578
385	<b>Points of Interest - Manufacturing and Production</b> Name: Business Centre Location: CF10 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	686	11	318728 174457
386	<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	A17SW (NW)	700	11	317265 174472
386	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: CF11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	700	11	317265 174472
386	<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	A17SW (NW)	706	11	317280 174508
386	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: CF11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	709	11	317276 174507
387	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: CF11 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	720	11	317175 174302
388	<b>Points of Interest - Manufacturing and Production</b> Name: Tanks Location: CF11 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	749	11	317438 174734
388	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: CF11 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A17NE (NW)	755	11	317431 174736
388	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: CF11 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A17NE (NW)	757	11	317433 174740
388	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: CF11 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A17NE (NW)	759	11	317434 174743

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
388	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: CF11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	817	11	317371 174769
388	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: CF11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	818	11	317427 174810
388	<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	A17NE (NW)	822	11	317421 174811
389	<b>Points of Interest - Manufacturing and Production</b> Name: Gulf Industrial Area Location: CF11 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	756	11	317277 174589
390	<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	A19SE (NE)	757	11	318679 174684
390	<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	A19SE (NE)	784	11	318730 174660
390	<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	A19SE (NE)	800	11	318730 174688
390	<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	A19SE (NE)	809	11	318733 174698
390	<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	A19SE (NE)	818	11	318735 174711
390	<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	A19NE (NE)	831	11	318739 174727
391	<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	A19SE (NE)	782	11	318793 174550
391	<b>Points of Interest - Manufacturing and Production</b> Name: Douglas Workshops Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	817	11	318837 174536

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
392	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: CF11 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	805	11	317068 174144
392	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: CF11 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	842	11	317030 174137
392	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: CF11 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	865	11	317009 174078
392	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: CF11 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	869	11	317005 174070
393	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: CF11 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	816	11	317321 174724
394	<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 (N)	844	11	318395 174997
394	<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)	886	11	318441 175024
395	<b>Points of Interest - Manufacturing and Production</b> Name: Tanks Location: CF11 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A17SW (W)	868	11	317056 174419
395	<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	A17SW (W)	900	11	317018 174406
395	<b>Points of Interest - Manufacturing and Production</b> Name: Factory Location: CF11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17SW (W)	900	11	317018 174406
396	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A23SE (N)	897	11	318258 175092
396	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A23SE (N)	924	11	318256 175120

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
397	<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	A19NE (NE)	903	11	318724 174851
398	<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	A17NE (NW)	937	11	317593 175023
398	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: CF11 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	941	11	317557 175013
399	<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	A19NE (NE)	959	11	318839 174806
399	<b>Points of Interest - Manufacturing and Production</b> Name: Hosking Industrial Estate Location: CF10 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A19NE (NE)	981	11	318825 174858
399	<b>Points of Interest - Manufacturing and Production</b> Name: Hosking Industrial Estate Location: CF10 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A19NE (NE)	989	11	318833 174861
400	<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	A24SW (N)	972	11	318412 175127
400	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: CF10 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A24SW (N)	972	11	318412 175127
401	<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	A24SW (NE)	976	11	318567 175061
402	<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	A22SE (N)	999	11	317642 175112
403	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A23SE (N)	1000	11	318102 175212
404	<b>Points of Interest - Public Infrastructure</b> Name: Sewage Pumping Station Location: CF11 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A8NW (SW)	225	11	317858 173653

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
405	<b>Points of Interest - Public Infrastructure</b> Name: Sewage Pumping Station Location: CF11 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A12NE (NW)	323	11	317571 174239
406	<b>Points of Interest - Public Infrastructure</b> Name: Asda Cardiff Bay Location: Ferry Road, Grangetown, Cardiff, CF11 0JL Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A8NW (SW)	399	11	317664 173577
406	<b>Points of Interest - Public Infrastructure</b> Name: Asda Petrol Location: Ferry Road Retail Park, Cardiff, CF11 0JR Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A7NE (SW)	403	11	317632 173605
406	<b>Points of Interest - Public Infrastructure</b> Name: Cardiff Bay Location: Cardiff Bay Retail Park, Ferry Road, Cardiff, CF11 0JR Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A7NE (SW)	406	11	317629 173605
406	<b>Points of Interest - Public Infrastructure</b> Name: Sewage Pumping Station Location: CF11 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	453	11	317654 173512
407	<b>Points of Interest - Public Infrastructure</b> Name: Cardiff Bay Service Station Location: 235 Corporation Road, Cardiff, CF11 7AS Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A19NW (NE)	633	11	318464 174720
407	<b>Points of Interest - Public Infrastructure</b> Name: Esso Location: 235 Corporation Road, Cardiff, CF11 7AS Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A19NW (NE)	633	11	318464 174720
407	<b>Points of Interest - Public Infrastructure</b> Name: Esso Location: 235 Corporation Road, Cardiff, CF11 7AS Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A19NW (NE)	633	11	318464 174720
407	<b>Points of Interest - Public Infrastructure</b> Name: MRH Cardiff Bay Location: 235 Corporation Road, Cardiff, CF11 7AS Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A19NW (NE)	633	11	318464 174720
407	<b>Points of Interest - Public Infrastructure</b> Name: Cardiff Bay Service Station. Location: 235 Corporation Road, Cardiff, CF11 7AS Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A19NW (NE)	634	11	318464 174720
408	<b>Points of Interest - Public Infrastructure</b> Name: Sewage Pumping Station Location: CF11 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	638	11	318056 173231
409	<b>Points of Interest - Public Infrastructure</b> Name: Grange Service Station Location: 91-97 Clive Street, Cardiff, CF11 7HN Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A17NE (NW)	668	11	317638 174752

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
410	<b>Points of Interest - Public Infrastructure</b> Name: Morrisons Location: International Drive, Cardiff, CF11 0JP Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A8SW (S)	673	11	317834 173196
410	<b>Points of Interest - Public Infrastructure</b> Name: Morrisons Petrol Station Location: International Sports Village, Cardiff Bay, Cardiff, CF11 0JP Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A8SW (S)	673	11	317834 173196
410	<b>Points of Interest - Public Infrastructure</b> Name: Morrisons Penarth Location: International, Drive, Cardiff, CF11 0JP Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A8SW (S)	673	11	317834 173196
411	<b>Points of Interest - Public Infrastructure</b> Name: Sewage Pumping Station Location: CF11 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	682	11	317237 173868
411	<b>Points of Interest - Public Infrastructure</b> Name: Outfall Location: CF11 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	720	11	317190 173892
411	<b>Points of Interest - Public Infrastructure</b> Name: Outfall Location: CF11 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	724	11	317186 173893
412	<b>Points of Interest - Public Infrastructure</b> Name: Sewage Pumping Station Location: CF10 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	691	11	318743 174432
412	<b>Points of Interest - Public Infrastructure</b> Name: Sewage Pumping Station Location: CF10 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	698	11	318750 174432
413	<b>Points of Interest - Public Infrastructure</b> Name: Outfall Location: CF11 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	752	11	318461 174863
413	<b>Points of Interest - Public Infrastructure</b> Name: Outfall Location: CF11 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	754	11	318463 174865
414	<b>Points of Interest - Public Infrastructure</b> Name: Sewage Pumping Station Location: CF10 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	774	11	318848 174360
415	<b>Points of Interest - Public Infrastructure</b> Name: Abbey Garages Cardiff Location: Penarth Road, Cardiff, CF11 8YZ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A17NE (NW)	793	11	317416 174772

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
415	<b>Points of Interest - Public Infrastructure</b> Name: Abbey Garages Cardiff Location: Penarth Road, Cardiff, CF11 8YZ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A17NE (NW)	865	11	317348 174812
415	<b>Points of Interest - Public Infrastructure</b> Name: Abbey Garages Cardiff Location: 281 Penarth Road, Cardiff, South Glamorgan, CF11 6NF Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A17NE (NW)	869	11	317342 174812
416	<b>Points of Interest - Public Infrastructure</b> Name: Consortia Group Location: 6 Stadium Close, Cardiff, CF11 8TS Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A12NW (W)	800	11	317072 174127
417	<b>Points of Interest - Public Infrastructure</b> Name: Cardiff Bay Police Station Location: Bute Town Police Station, James Street, Cardiff, CF10 5EW Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A19SE (NE)	801	11	318776 174621
418	<b>Points of Interest - Public Infrastructure</b> Name: Outfall Location: CF10 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	815	11	318409 174960
419	<b>Points of Interest - Public Infrastructure</b> Name: Recycling Business Location: CF10 Category: Infrastructure and Facilities Class Code: Recycling Centres Positional Accuracy: Positioned to address or location	A23SE (N)	876	11	318202 175080
420	<b>Points of Interest - Public Infrastructure</b> Name: Grangetown (Cardiff) Rail Station Location: Clive Lane, CF11 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A17NE (NW)	923	11	317458 174950
420	<b>Points of Interest - Public Infrastructure</b> Name: Grangetown Station Location: Clive Lane, CF11 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A17NE (NW)	923	11	317458 174950
421	<b>Points of Interest - Public Infrastructure</b> Name: Thomas Hosking Ltd Location: Thomas Hosking & Sons Ltd Unit 4 Dumballs Road Industrial Estate, Dumballs Road, Cardiff, CF10 5FG Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to address or location	A19NE (NE)	975	11	318836 174835
422	<b>Points of Interest - Public Infrastructure</b> Name: Sewage Pumping Station Location: CF11 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A3NW (S)	977	11	317961 172884
423	<b>Points of Interest - Recreational and Environmental</b> Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	108	11	317868 174240
424	<b>Points of Interest - Recreational and Environmental</b> Name: Skate Ramp Location: Jim Driscoll Way, CF11 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A13NE (N)	133	11	318052 174340

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
425	<b>Points of Interest - Recreational and Environmental</b> Name: Play Area Location: Ferry Road, CF11 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	200	11	318025 174402
425	<b>Points of Interest - Recreational and Environmental</b> Name: Grangetown Adventure Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	242	11	318059 174452
425	<b>Points of Interest - Recreational and Environmental</b> Name: Grangetown Adventure Playground Location: Ferry Road, CF11 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A18SE (N)	246	11	318052 174456
426	<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	A14NW (NE)	529	11	318595 174361
426	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Waverley Square, CF10 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14NW (NE)	558	11	318631 174338
427	<b>Points of Interest - Recreational and Environmental</b> Name: Play Area Location: Pentrebane Street, CF11 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A18NW (N)	717	11	317952 174916
427	<b>Points of Interest - Recreational and Environmental</b> Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	723	11	317953 174923
428	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Bute Esplanade, CF10 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A14NE (E)	776	11	318875 174254
428	<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	A14NE (E)	778	11	318876 174258



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
429	<b>Local Nature Reserves</b> Name: Cardiff Bay Wetlands And Hamadryad Park Multiple Area: Y Area (m2): 42603.78 Source: Cardiff Council Designation Date: 31st December 2010	A13NE (E)	163	6	318278 174108
430	<b>Local Nature Reserves</b> Name: Cardiff Bay Wetlands And Hamadryad Park Multiple Area: Y Area (m2): 112910.45 Source: Cardiff Council Designation Date: 31st December 2010	A14SW (E)	481	6	318597 173882

Agency & Hydrological	Version	Update Cycle
<b>Contaminated Land Register Entries and Notices</b> Cardiff Council - Pollution Control Division Vale Of Glamorgan County Borough Council - Environmental Health Department	January 2020 January 2020	Annual Rolling Update Annual Rolling Update
<b>Discharge Consents</b> Environment Agency - Welsh Region Natural Resources Wales	August 2014 January 2020	Quarterly Quarterly
<b>Enforcement and Prohibition Notices</b> Environment Agency - Welsh Region	March 2013	Annual Rolling Update
<b>Integrated Pollution Controls</b> Environment Agency - Welsh Region	October 2008	Variable
<b>Integrated Pollution Prevention And Control</b> Environment Agency - Welsh Region Natural Resources Wales	January 2020 January 2020	Quarterly Quarterly
<b>Local Authority Integrated Pollution Prevention And Control</b> Vale Of Glamorgan County Borough Council - Environmental Health Department Cardiff Council - Pollution Control Division	June 2014 March 2016	Variable Variable
<b>Local Authority Pollution Prevention and Controls</b> Vale Of Glamorgan County Borough Council - Environmental Health Department Cardiff Council - Pollution Control Division	June 2014 March 2016	Annual Rolling Update Annual Rolling Update
<b>Local Authority Pollution Prevention and Control Enforcements</b> Vale Of Glamorgan County Borough Council - Environmental Health Department Cardiff Council - Pollution Control Division	June 2014 March 2016	Variable Variable
<b>Nearest Surface Water Feature</b> Ordnance Survey	February 2020	
<b>Pollution Incidents to Controlled Waters</b> Environment Agency - Welsh Region	December 1998	Not Applicable
<b>Prosecutions Relating to Authorised Processes</b> Environment Agency - Welsh Region Natural Resources Wales	March 2013 March 2013	Annual Rolling Update Annual Rolling Update
<b>Prosecutions Relating to Controlled Waters</b> Environment Agency - Welsh Region Natural Resources Wales	March 2013 March 2013	Annual Rolling Update Annual Rolling Update
<b>Registered Radioactive Substances</b> Natural Resources Wales Environment Agency - Welsh Region	January 2015 June 2016	Annually
<b>River Quality</b> Environment Agency - Head Office	November 2001	Not Applicable
<b>Substantiated Pollution Incident Register</b> Environment Agency Wales - South East Area Natural Resources Wales	January 2020 January 2020	Quarterly Quarterly
<b>Water Abstractions</b> Environment Agency - Welsh Region Natural Resources Wales	January 2020 January 2020	Quarterly Quarterly
<b>Water Industry Act Referrals</b> Natural Resources Wales Environment Agency - Welsh Region	January 2020 October 2017	Quarterly Quarterly
<b>Groundwater Vulnerability Map</b> Natural Resources Wales	June 2018	As notified
<b>Bedrock Aquifer Designations</b> Natural Resources Wales	January 2018	Annually
<b>Superficial Aquifer Designations</b> Natural Resources Wales	January 2018	Annually

Agency & Hydrological	Version	Update Cycle
<b>Source Protection Zones</b> Natural Resources Wales	November 2016	Annual Rolling Update
<b>Extreme Flooding from Rivers or Sea without Defences</b> Natural Resources Wales	August 2019	Quarterly
<b>Flooding from Rivers or Sea without Defences</b> Natural Resources Wales	November 2019	Quarterly
<b>Areas Benefiting from Flood Defences</b> Natural Resources Wales	November 2019	Quarterly
<b>Flood Water Storage Areas</b> Natural Resources Wales	August 2019	Quarterly
<b>Flood Defences</b> Natural Resources Wales	November 2019	Quarterly
<b>OS Water Network Lines</b> Ordnance Survey	January 2020	Quarterly
<b>Surface Water 1 in 30 year Flood Extent</b> Natural Resources Wales	October 2013	Annually
<b>Surface Water 1 in 100 year Flood Extent</b> Natural Resources Wales	October 2013	Annually
<b>Surface Water 1 in 1000 year Flood Extent</b> Natural Resources Wales	October 2013	Annually
<b>Surface Water Suitability</b> Natural Resources Wales	October 2013	Annually
<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> Natural Resources Wales	July 2017	Quarterly
<b>Integrated Pollution Control Registered Waste Sites</b> Environment Agency - Welsh Region	October 2008	Not Applicable
<b>Licensed Waste Management Facilities (Landfill Boundaries)</b> Environment Agency Wales - South East Area Natural Resources Wales	November 2019 November 2019	Quarterly Quarterly
<b>Licensed Waste Management Facilities (Locations)</b> Environment Agency Wales - South East Area Natural Resources Wales	January 2020 January 2020	Quarterly Quarterly
<b>Local Authority Landfill Coverage</b> Cardiff Council Vale Of Glamorgan County Borough Council	May 2000 May 2000	Not Applicable Not Applicable
<b>Local Authority Recorded Landfill Sites</b> Cardiff Council Vale Of Glamorgan County Borough Council	May 2000 May 2000	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 Wales - South East Area	March 2003	Not Applicable
<b>Registered Waste Transfer Sites</b> Environment Agency Wales - South East Area	March 2003	Not Applicable
<b>Registered Waste Treatment or Disposal Sites</b> Environment Agency Wales - South East Area	March 2003	Not Applicable
Hazardous Substances	Version	Update Cycle
<b>Control of Major Accident Hazards Sites (COMAH)</b> Health and Safety Executive	April 2018	Bi-Annually
<b>Explosive Sites</b> Health and Safety Executive	March 2017	Annually
<b>Notification of Installations Handling Hazardous Substances (NIHHS)</b> Health and Safety Executive	November 2000	Not Applicable
<b>Planning Hazardous Substance Enforcements</b> Vale Of Glamorgan County Borough Council - Planning Department Cardiff Council - Regulatory Services	January 2016 October 2015	Variable Variable
<b>Planning Hazardous Substance Consents</b> Vale Of Glamorgan County Borough Council - Planning Department Cardiff Council - Regulatory Services	January 2016 October 2015	Variable Variable

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	October 2019	Bi-Annually
<b>BGS Urban Soil Chemistry</b> British Geological Survey - National Geoscience Information Service	October 2015	Annually
<b>BGS Urban Soil Chemistry Averages</b> British Geological Survey - National Geoscience Information Service	October 2015	Annually
<b>CBSCB Compensation District</b> Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
<b>Coal Mining Affected Areas</b> The Coal Authority - Property Searches	March 2014	Annual Rolling Update
<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	January 2019	Annually
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Radon Potential - Radon Affected Areas</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually
<b>Radon Potential - Radon Protection Measures</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually

Industrial Land Use	Version	Update Cycle
<b>Contemporary Trade Directory Entries</b> Thomson Directories	January 2020	Quarterly
<b>Fuel Station Entries</b> Catalist Ltd - Experian	December 2019	Quarterly
<b>Gas Pipelines</b> National Grid	July 2014	
<b>Points of Interest - Commercial Services</b> PointX	March 2020	Quarterly
<b>Points of Interest - Education and Health</b> PointX	March 2020	Quarterly
<b>Points of Interest - Manufacturing and Production</b> PointX	March 2020	Quarterly
<b>Points of Interest - Public Infrastructure</b> PointX	March 2020	Quarterly
<b>Points of Interest - Recreational and Environmental</b> PointX	March 2020	Quarterly
<b>Underground Electrical Cables</b> National Grid	October 2019	

Sensitive Land Use	Version	Update Cycle
<b>Ancient Woodland</b> Natural Resources Wales	August 2018	Bi-Annually
<b>Areas of Adopted Green Belt</b> Cardiff Council Vale Of Glamorgan County Borough Council	February 2020 February 2020	As notified As notified
<b>Areas of Unadopted Green Belt</b> Cardiff Council Vale Of Glamorgan County Borough Council	February 2020 February 2020	As notified As notified
<b>Areas of Outstanding Natural Beauty</b> Natural Resources Wales	June 2019	Bi-Annually
<b>Environmentally Sensitive Areas</b> The National Assembly for Wales - GI Services (Department of Planning & Countryside)	January 2017	
<b>Forest Parks</b> Forestry Commission	April 1997	Not Applicable
<b>Local Nature Reserves</b> Cardiff Council Vale Of Glamorgan County Borough Council	August 2018 August 2018	Bi-Annually Bi-Annually
<b>Marine Nature Reserves</b> Natural Resources Wales	August 2018	Bi-Annually
<b>National Nature Reserves</b> Natural Resources Wales	June 2019	Bi-Annually
<b>National Parks</b> Natural Resources Wales	August 2018	Annually
<b>Nitrate Vulnerable Zones</b> Natural Resources Wales The National Assembly for Wales - GI Services (Department of Planning & Countryside)	July 2019 October 2005	Bi-Annually
<b>Ramsar Sites</b> Natural Resources Wales	July 2019	Bi-Annually
<b>Sites of Special Scientific Interest</b> Natural Resources Wales	March 2020	Bi-Annually
<b>Special Areas of Conservation</b> Natural Resources Wales	August 2018	Bi-Annually
<b>Special Protection Areas</b> Natural Resources Wales	August 2018	Bi-Annually

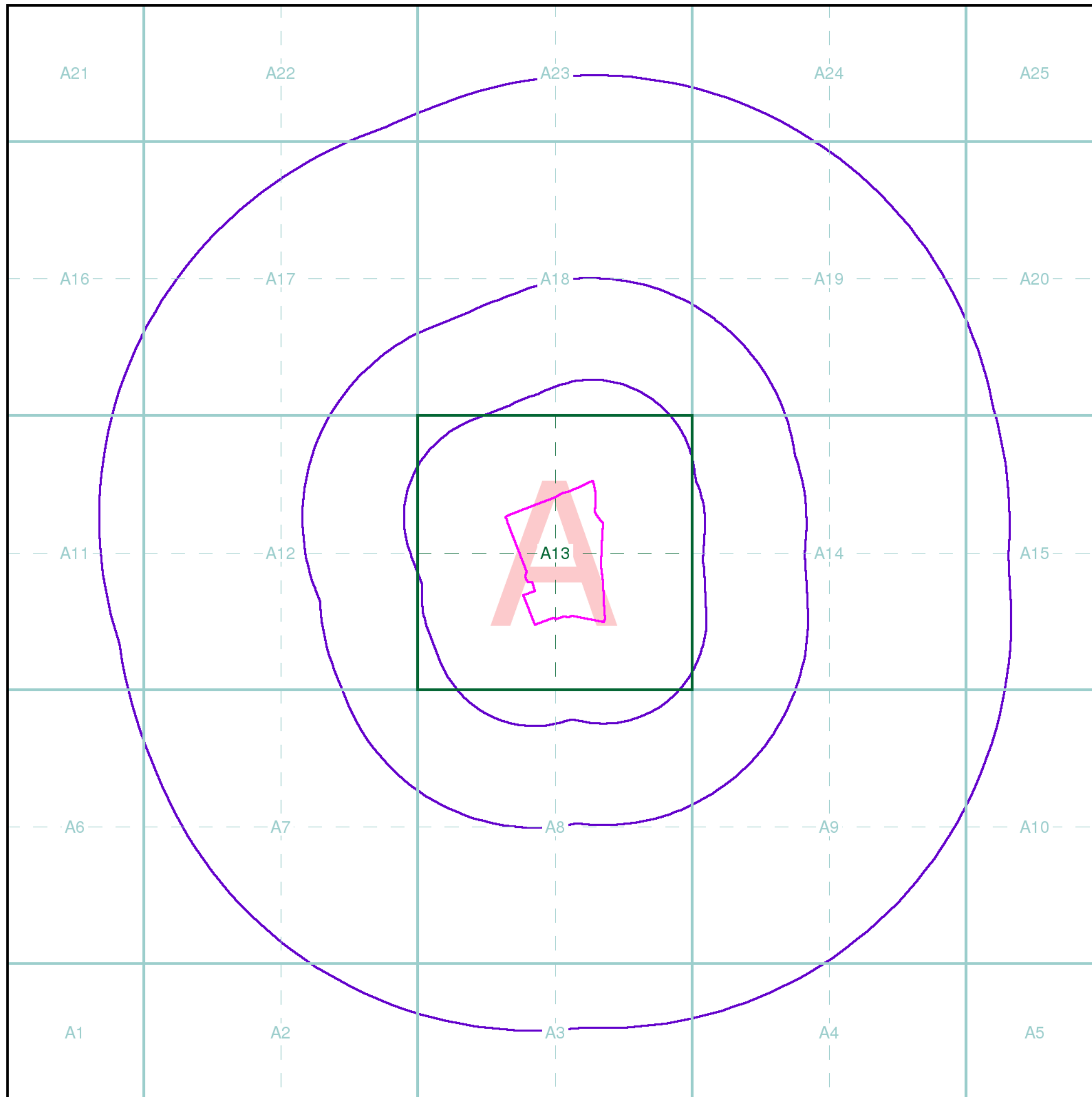
A selection of organisations who provide data within this report

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



Contact	Name and Address	Contact Details
1	<b>British Geological Survey - Enquiry Service</b> British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	<b>Natural Resources Wales</b> Ty Cambria, 29 Newport Road, Cardiff, CF24 0TP	Telephone: 0300 065 3000 Email: enquiries@naturalresourceswales.gov.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>Cardiff Council - Pollution Control Division</b> Regulatory Services, City Hall, Cardiff, Mid Glamorgan, CF10 3ND	Telephone: 029 20872000 Fax: 01222 873212 Website: www.cardiff.gov.uk
5	<b>Ordnance Survey</b> Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	<b>Cardiff Council</b> County Hall, Atlantic Wharf, Cardiff, Mid Glamorgan, CF1 5UW	Telephone: 029 2087 2000 Fax: 029 2087 3212 Website: www.cardiff.gov.uk
7	<b>Vale Of Glamorgan County Borough Council</b> Civic Offices, Holton Road, Barry, South Glamorgan, CF63 4RU	Telephone: 01446 700111 Fax: 01446 745566 Website: www.valeofglamorgan.gov.uk
8	<b>Health and Safety Executive</b> 5S.2 Redgrave Court, Merton Road, Bootle, L20 7HS	Website: www.hse.gov.uk
9	<b>Cardiff Council - Regulatory Services</b> Room 158, City Hall, Cardiff, Mid Glamorgan, CF10 3ND	Telephone: 029 20872429 Fax: 029 2087 2597 Website: www.cardiff.gov.uk
10	<b>Vale Of Glamorgan County Borough Council - Planning Department</b> Dock Offices, Barry Docks, Barry, South Glamorgan, CF63 4RT	Telephone: 01446 700111 Fax: 01446 745566 Website: www.valeofglamorgan.gov.uk
11	<b>PointX</b> 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
-	<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.



## Index Map

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

### Slice

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

### Segment

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

### Quadrant

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

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

## Client Details

Mr J Alderman, Terra Firma (Wales) Ltd, 5 Deryn Court, Wharfdale Road, Pentwyn, Cardiff, CF23 7HB

## Order Details

Order Number: 240915480\_1\_1  
 Customer Ref: 16017 Channel View  
 National Grid Reference: 318010, 174030  
 Site Area (Ha): 6.01  
 Search Buffer (m): 1000

## Site Details

, 125, Channel View Road, Cardiff, CF11 7HX

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



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

# Historical Mapping Legends

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

**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

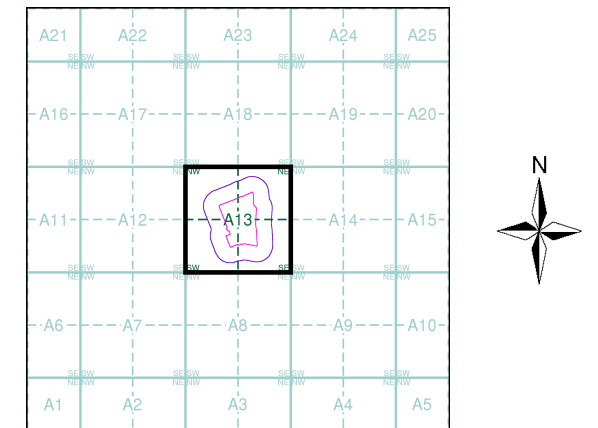
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard 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
Glamorganshire	1:2,500	1880	2
Glamorganshire	1:2,500	1901	3
Glamorganshire	1:2,500	1920	4
Glamorganshire	1:2,500	1941	5
Ordnance Survey Plan	1:1,250	1954	6
Ordnance Survey Plan	1:2,500	1954 - 1955	7
Ordnance Survey Plan	1:1,250	1969 - 1974	8
Ordnance Survey Plan	1:2,500	1970 - 1971	9
Additional SIMs	1:1,250	1972 - 1989	10
Ordnance Survey Plan	1:1,250	1974	11
Additional SIMs	1:1,250	1989	12
Large-Scale National Grid Data	1:1,250	1992	13
Additional SIMs	1:1,250	1992	14
Large-Scale National Grid Data	1:1,250	1993	15
Large-Scale National Grid Data	1:1,250	1994	16
Large-Scale National Grid Data	1:1,250	1994	17
Large-Scale National Grid Data	1:1,250	1995	18
Large-Scale National Grid Data	1:1,250	1996	19
Historical Aerial Photography	1:2,500	2000	20

## Historical Map - Segment A13



## Order Details

Order Number: 240915480\_1\_1  
 Customer Ref: 16017 Channel View  
 National Grid Reference: 318010, 174030  
 Slice: A  
 Site Area (Ha): 6.01  
 Search Buffer (m): 100

## Site Details

, 125, Channel View Road, Cardiff, CF11 7HX



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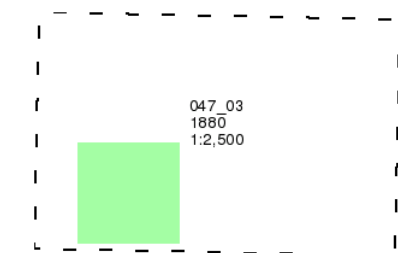
Glamorganshire

Published 1880

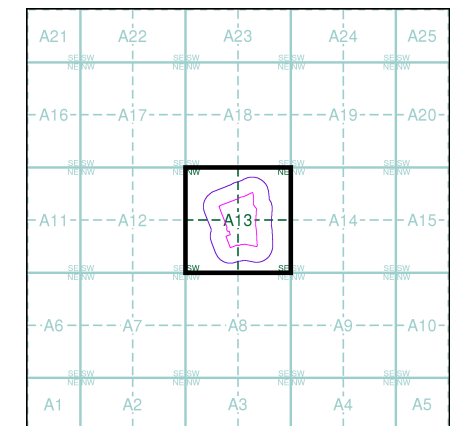
Source map scale - 1:2,500

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

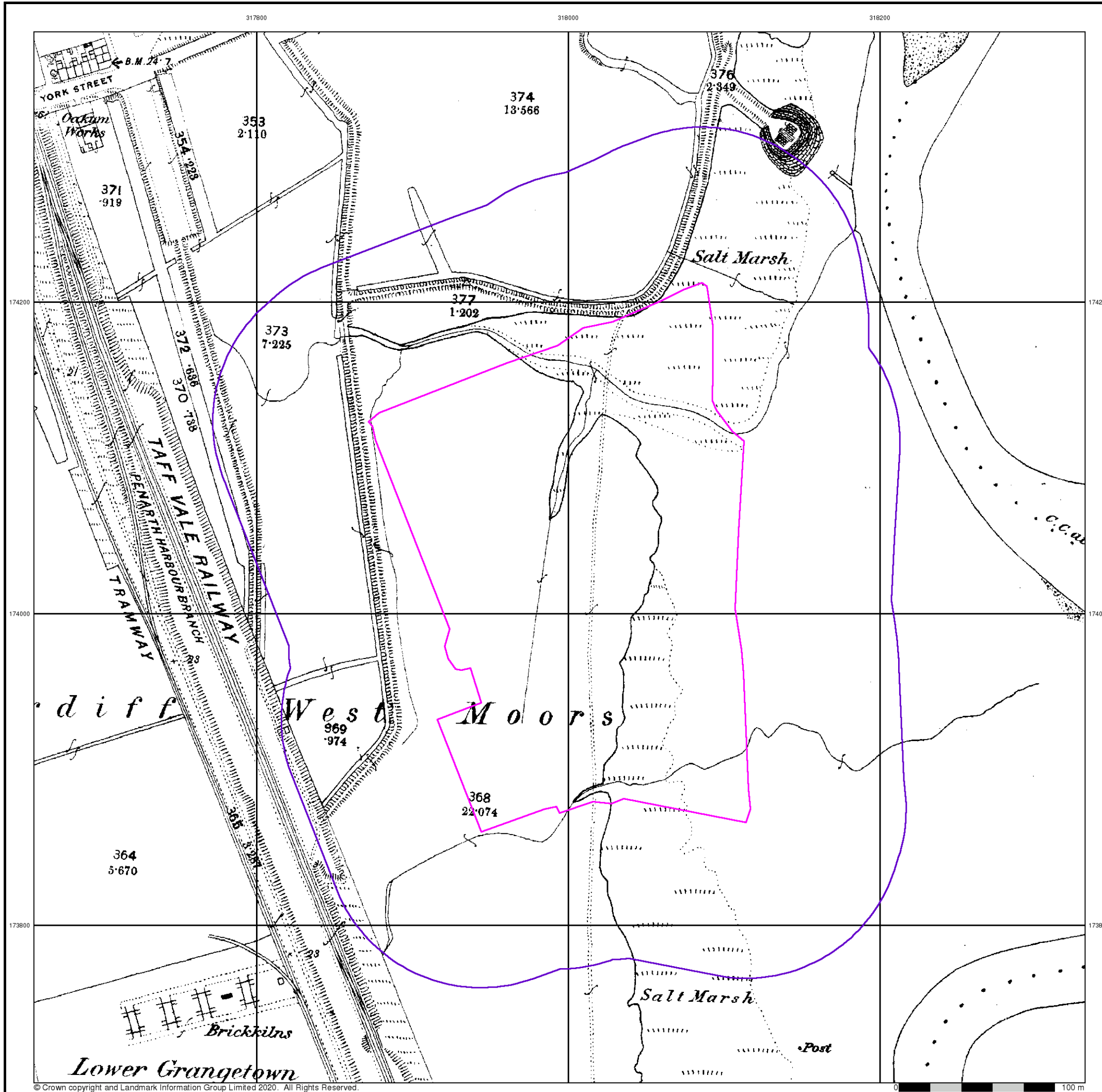
Order Number: 240915480\_1\_1  
Customer Ref: 16017 Channel View  
National Grid Reference: 318010, 174030  
Slice: A  
Site Area (Ha): 6.01  
Search Buffer (m): 100

Site Details

, 125, Channel View Road, Cardiff, CF11 7HX

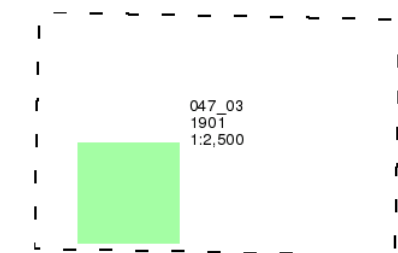


Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: www.envirocheck.co.uk

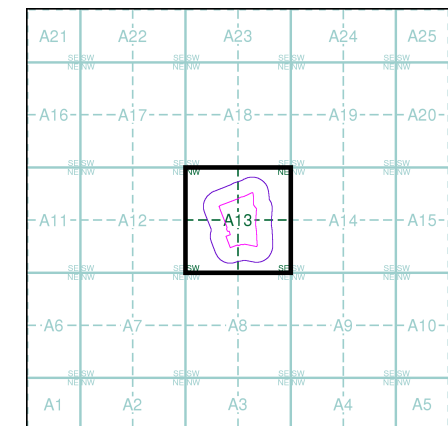


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. 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

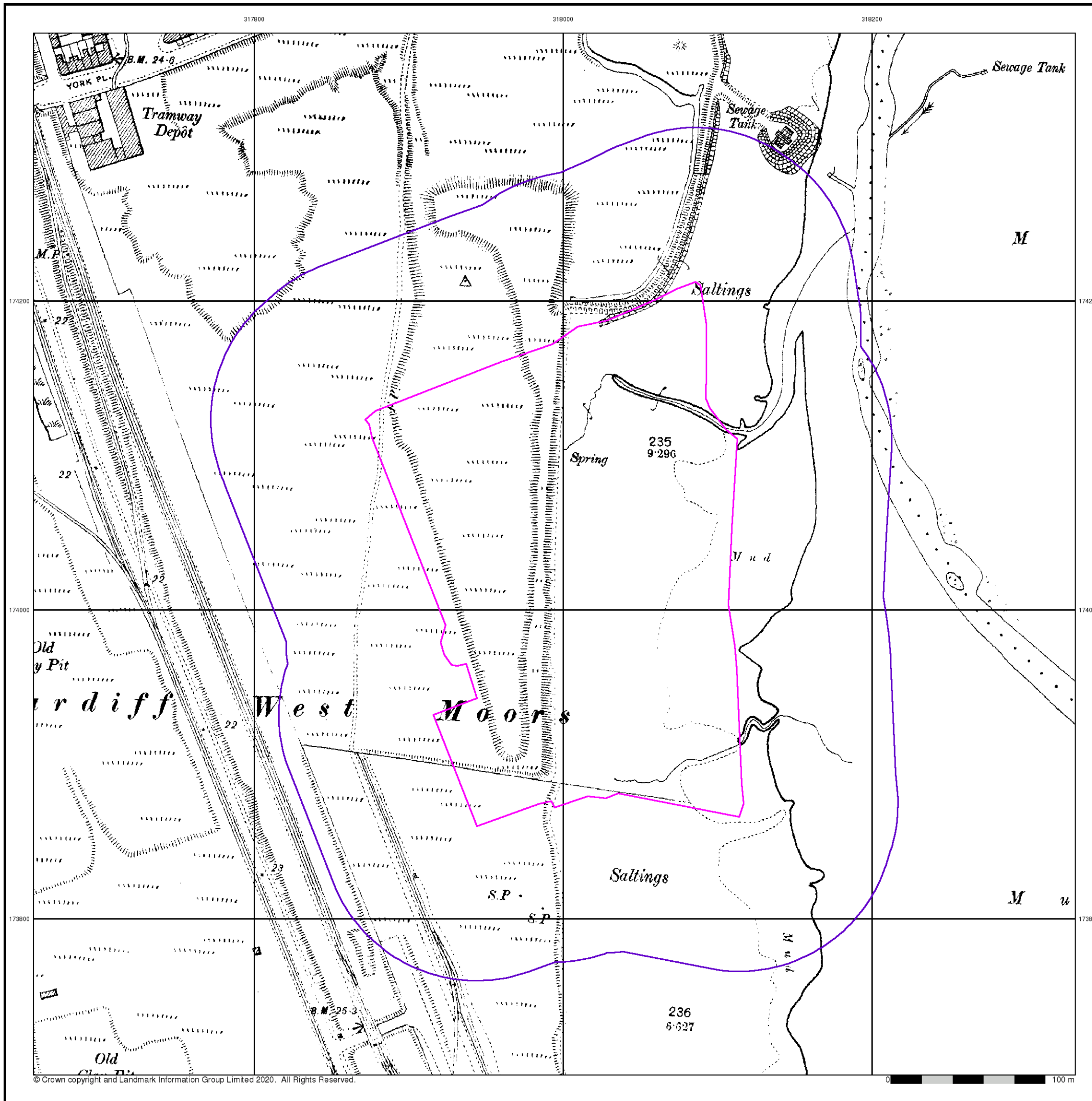


Order Details

Order Number: 240915480\_1\_1  
 Customer Ref: 16017 Channel View  
 National Grid Reference: 318010, 174030  
 Slice: A  
 Site Area (Ha): 6.01  
 Search Buffer (m): 100

Site Details

, 125, Channel View Road, Cardiff, CF11 7HX





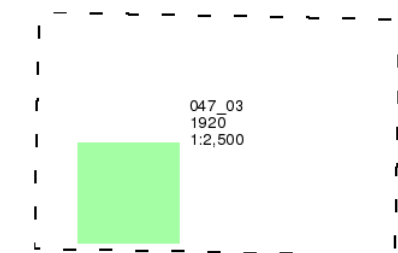
Glamorganshire

Published 1920

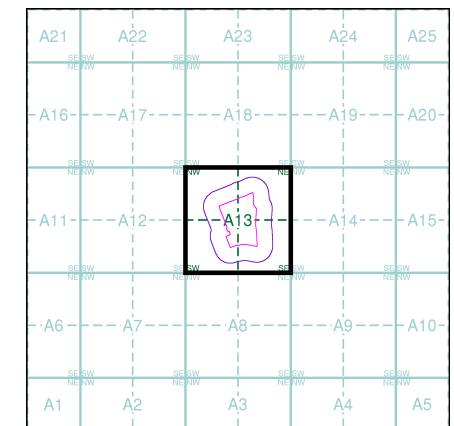
Source map scale - 1:2,500

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: 240915480\_1\_1  
Customer Ref: 16017 Channel View  
National Grid Reference: 318010, 174030  
Slice: A  
Site Area (Ha): 6.01  
Search Buffer (m): 100

Site Details

, 125, Channel View Road, Cardiff, CF11 7HX



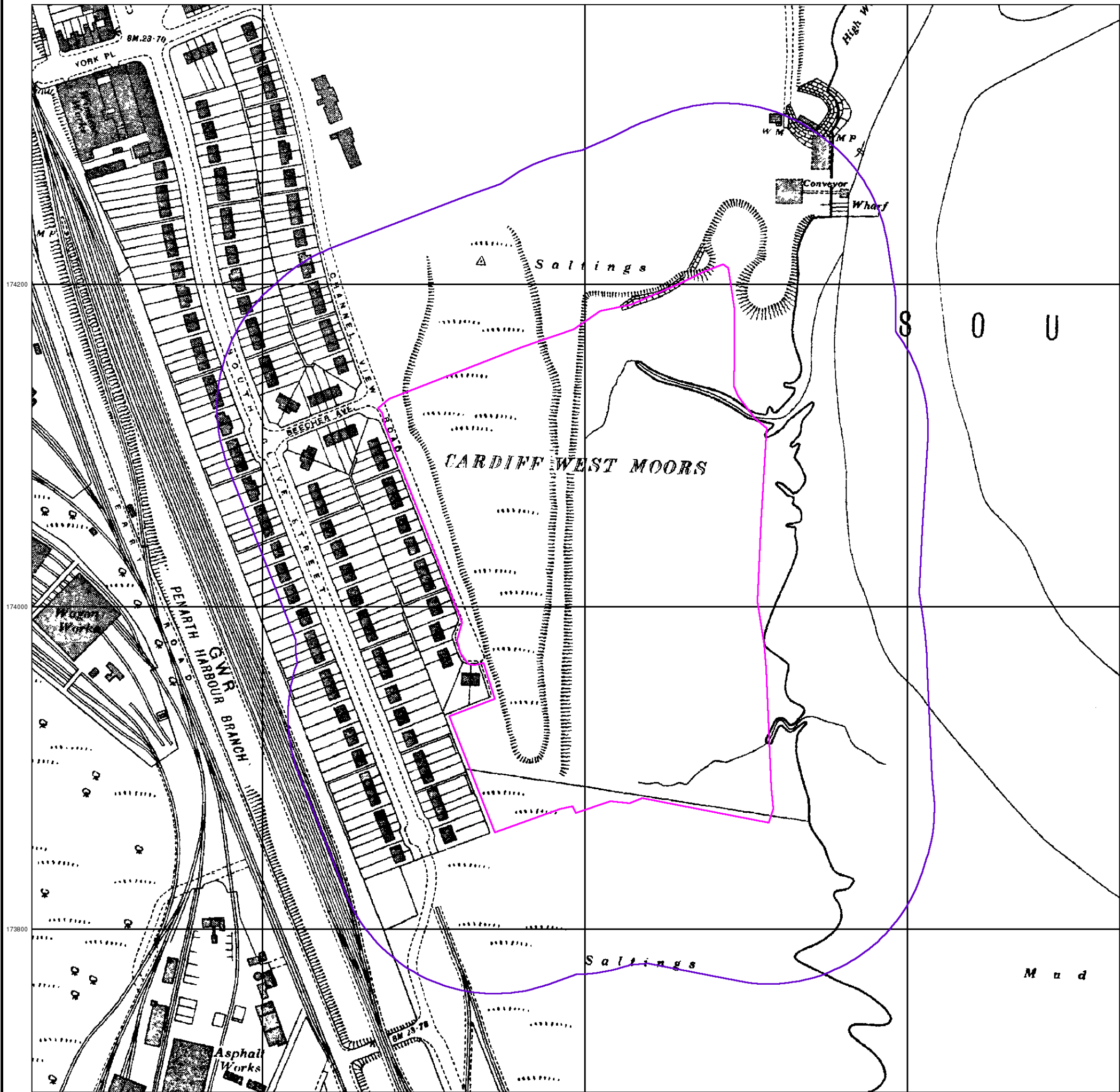
Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: www.envirocheck.co.uk



317800

318000

318200



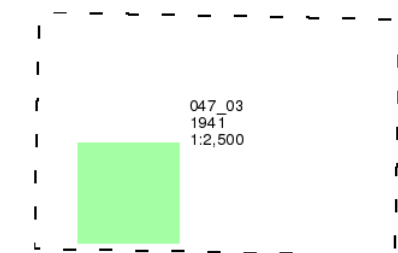
**Glamorganshire**

**Published 1941**

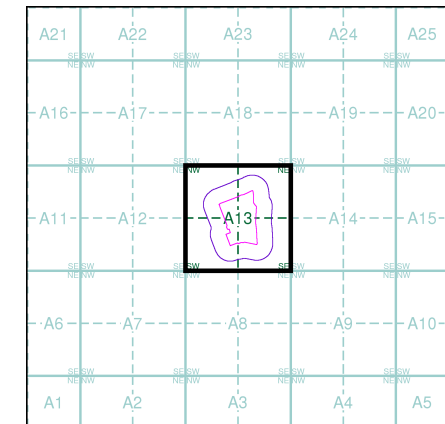
**Source map scale - 1:2,500**

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

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



**Historical Map - Segment A13**



**Order Details**

Order Number: 240915480\_1\_1  
 Customer Ref: 16017 Channel View  
 National Grid Reference: 318010, 174030  
 Slice: A  
 Site Area (Ha): 6.01  
 Search Buffer (m): 100

**Site Details**

, 125, Channel View Road, Cardiff, CF11 7HX



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



### Ordnance Survey Plan

Published 1954

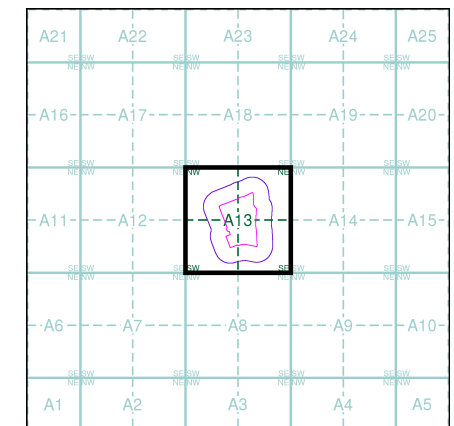
Source map scale - 1:1,250

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)

ST1774SE	ST1874SW
1954	1954
1:1,250	1:1,250
ST1773NE	ST1873NW
1954	1954
1:1,250	1:1,250

### Historical Map - Segment A13



### Order Details

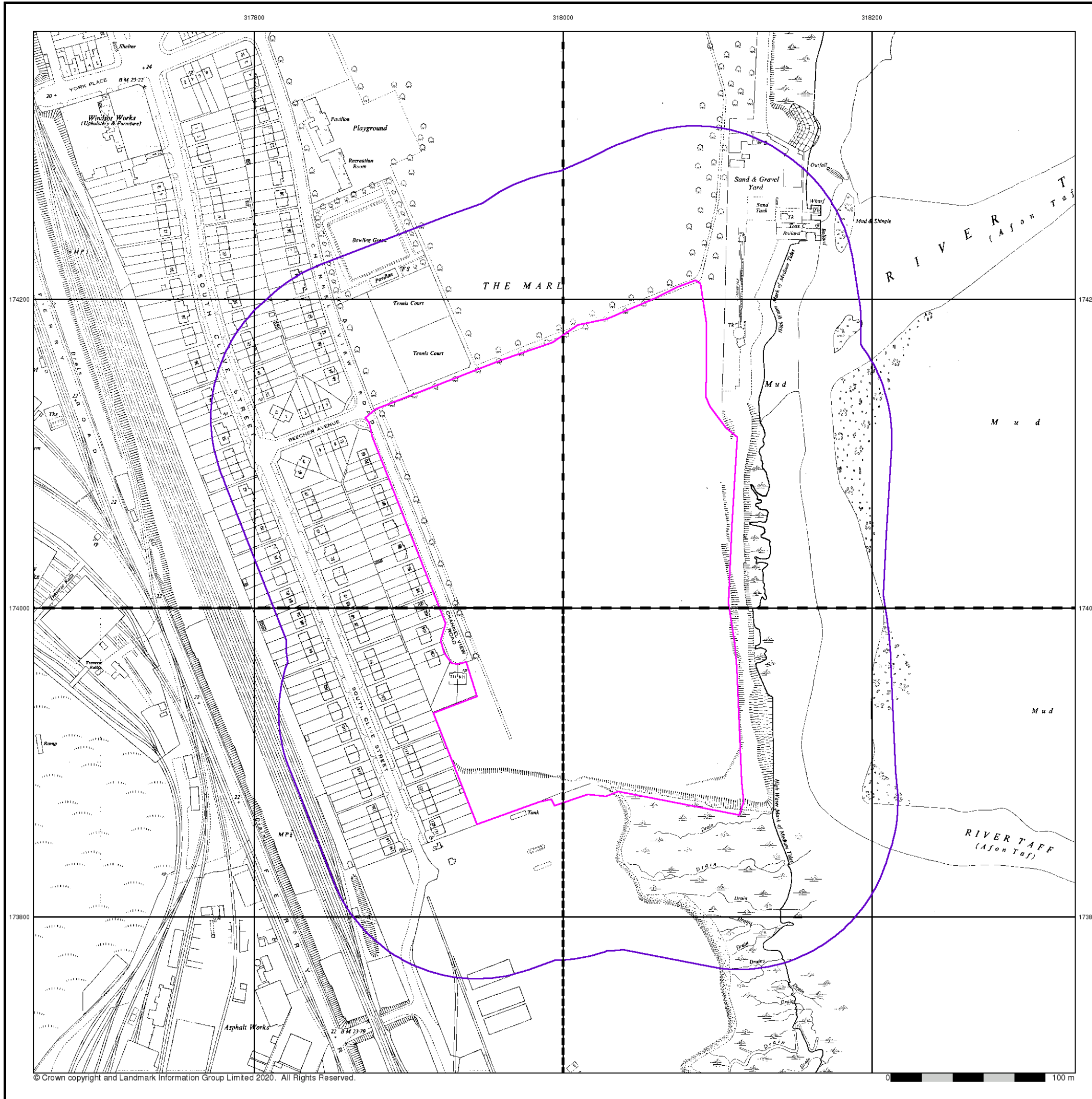
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 Customer Ref: 16017 Channel View  
 National Grid Reference: 318010, 174030  
 Slice: A  
 Site Area (Ha): 6.01  
 Search Buffer (m): 100

### Site Details

, 125, Channel View Road, Cardiff, CF11 7HX



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







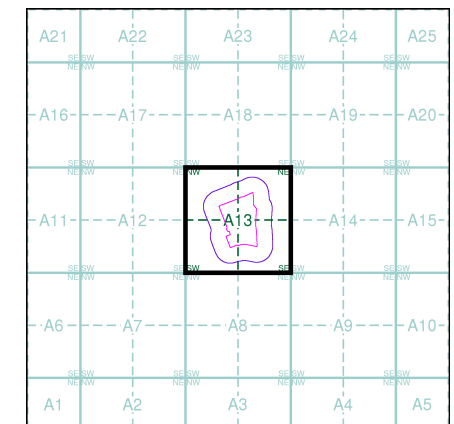
**Ordnance Survey Plan**  
**Published 1954 - 1955**  
**Source map scale - 1:2,500**

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)**

ST1774 1954 1:2,500	ST1874 1954 1:2,500
ST1773 1955 1:2,500	

**Historical Map - Segment A13**



**Order Details**

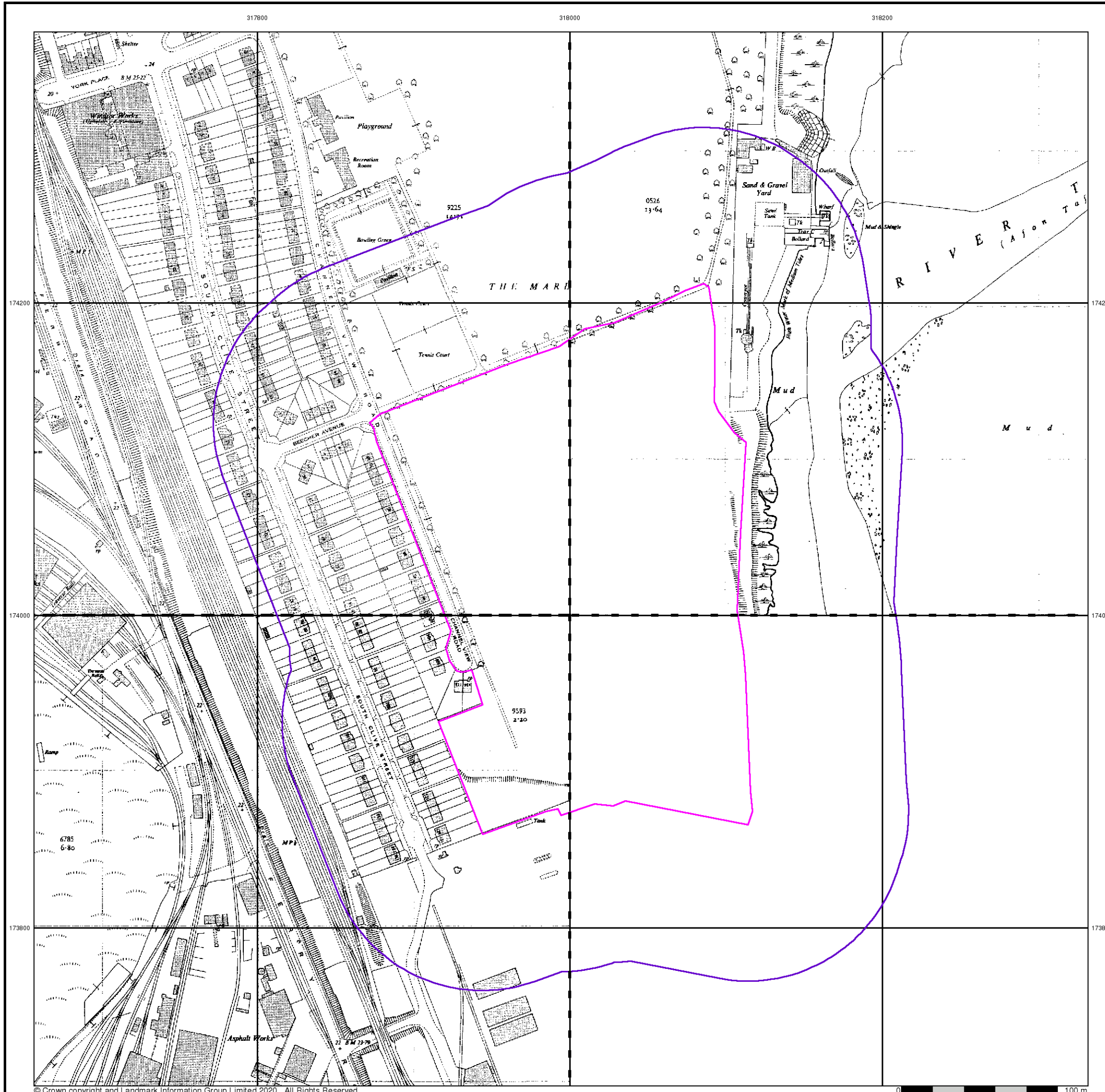
Order Number: 240915480\_1\_1  
 Customer Ref: 16017 Channel View  
 National Grid Reference: 318010, 174030  
 Slice: A  
 Site Area (Ha): 6.01  
 Search Buffer (m): 100

**Site Details**

, 125, Channel View Road, Cardiff, CF11 7HX



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





### Ordnance Survey Plan

Published 1969 - 1974

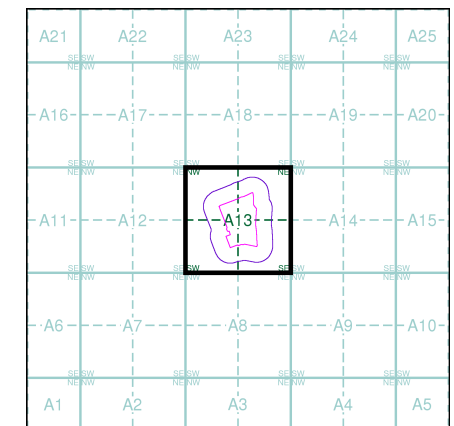
Source map scale - 1:1,250

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

ST1774SE 1969 1:1,250	ST1874SW 1974 1:1,250
ST1773NE 1970 1:1,250	ST1873NW 1971 1:1,250

### Historical Map - Segment A13



### Order Details

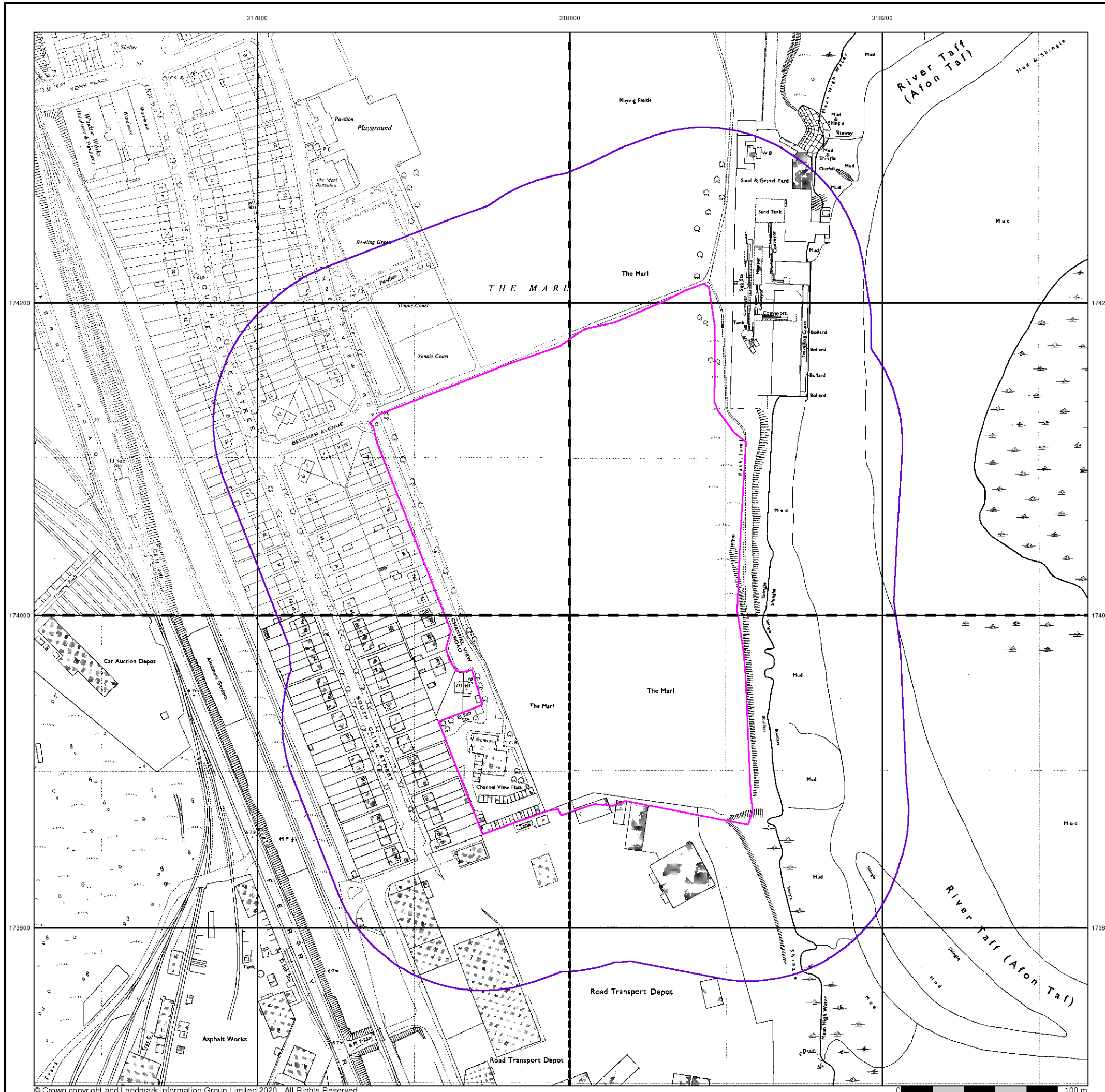
Order Number: 240915480\_1\_1  
 Customer Ref: 16017 Channel View  
 National Grid Reference: 318010, 174030  
 Slice: A  
 Site Area (Ha): 6.01  
 Search Buffer (m): 100

### Site Details

, 125, Channel View Road, Cardiff, CF11 7HX



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### Ordnance Survey Plan

Published 1970 - 1971

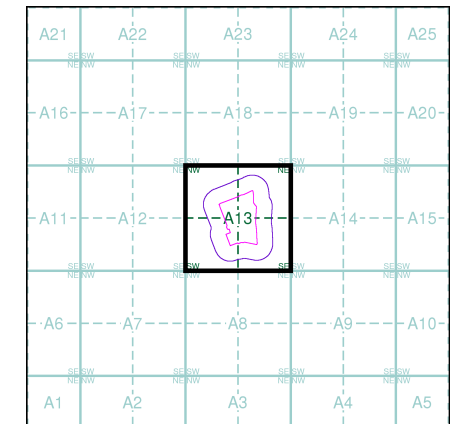
Source map scale - 1:2,500

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)

ST1774
1970
1:2,500
ST1773
1971
1:2,500

### Historical Map - Segment A13



### Order Details

Order Number: 240915480\_1\_1  
 Customer Ref: 16017 Channel View  
 National Grid Reference: 318010, 174030  
 Slice: A  
 Site Area (Ha): 6.01  
 Search Buffer (m): 100

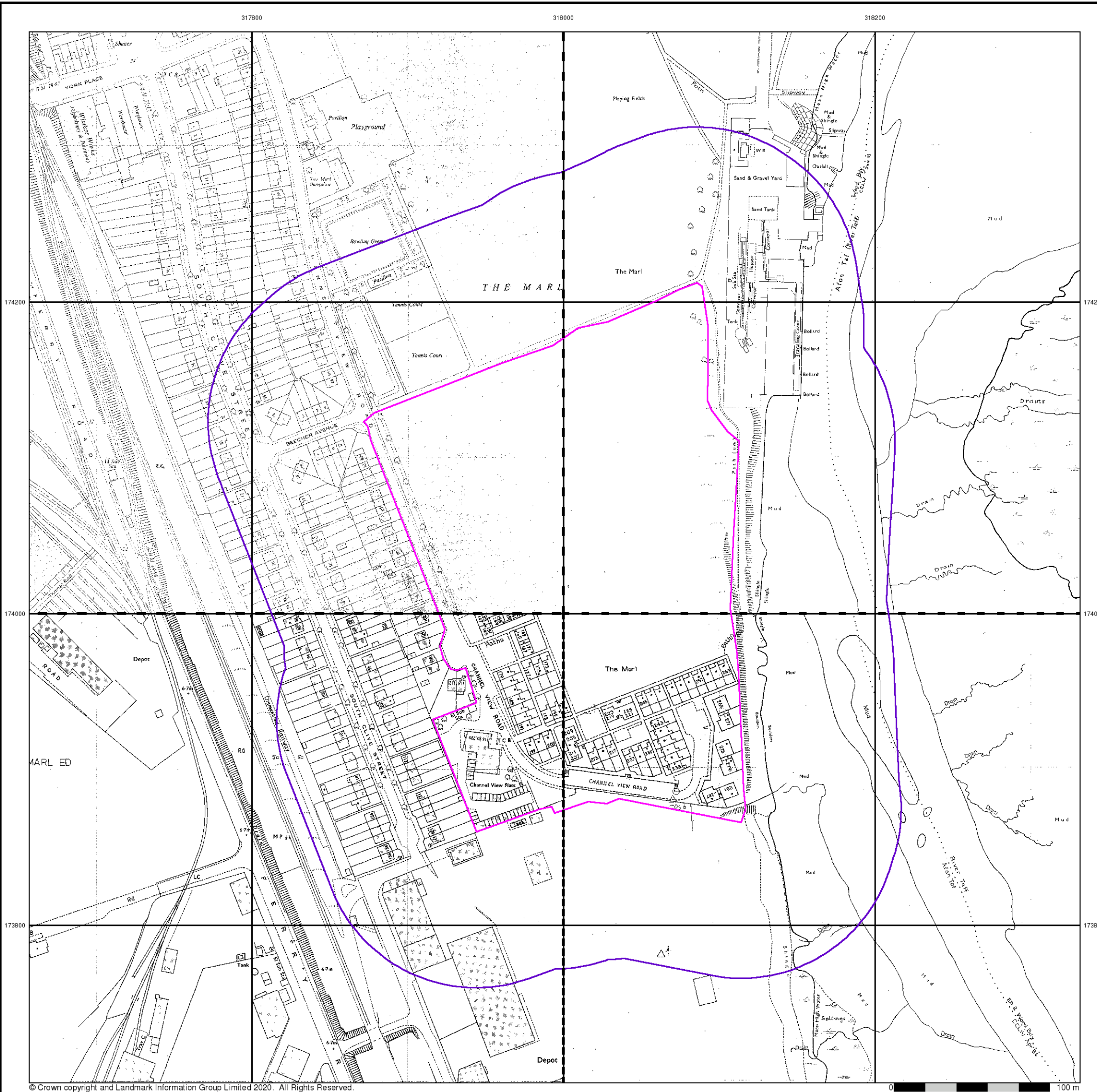
### Site Details

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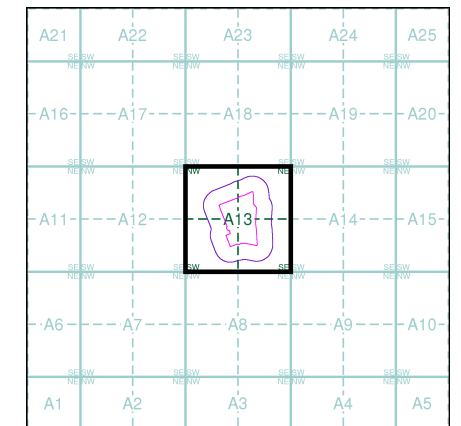
**Additional SIMs**  
**Published 1972 - 1989**  
**Source map scale - 1:1,250**

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)**

ST1774SE 1972 1:1,250	ST1874SW 1984 1:1,250
ST1773NE 1986 1:1,250	ST1873NW 1989 1:1,250

**Historical Map - Segment A13**



**Order Details**

Order Number: 240915480\_1\_1  
 Customer Ref: 16017 Channel View  
 National Grid Reference: 318010, 174030  
 Slice: A  
 Site Area (Ha): 6.01  
 Search Buffer (m): 100

**Site Details**

, 125, Channel View Road, Cardiff, CF11 7HX

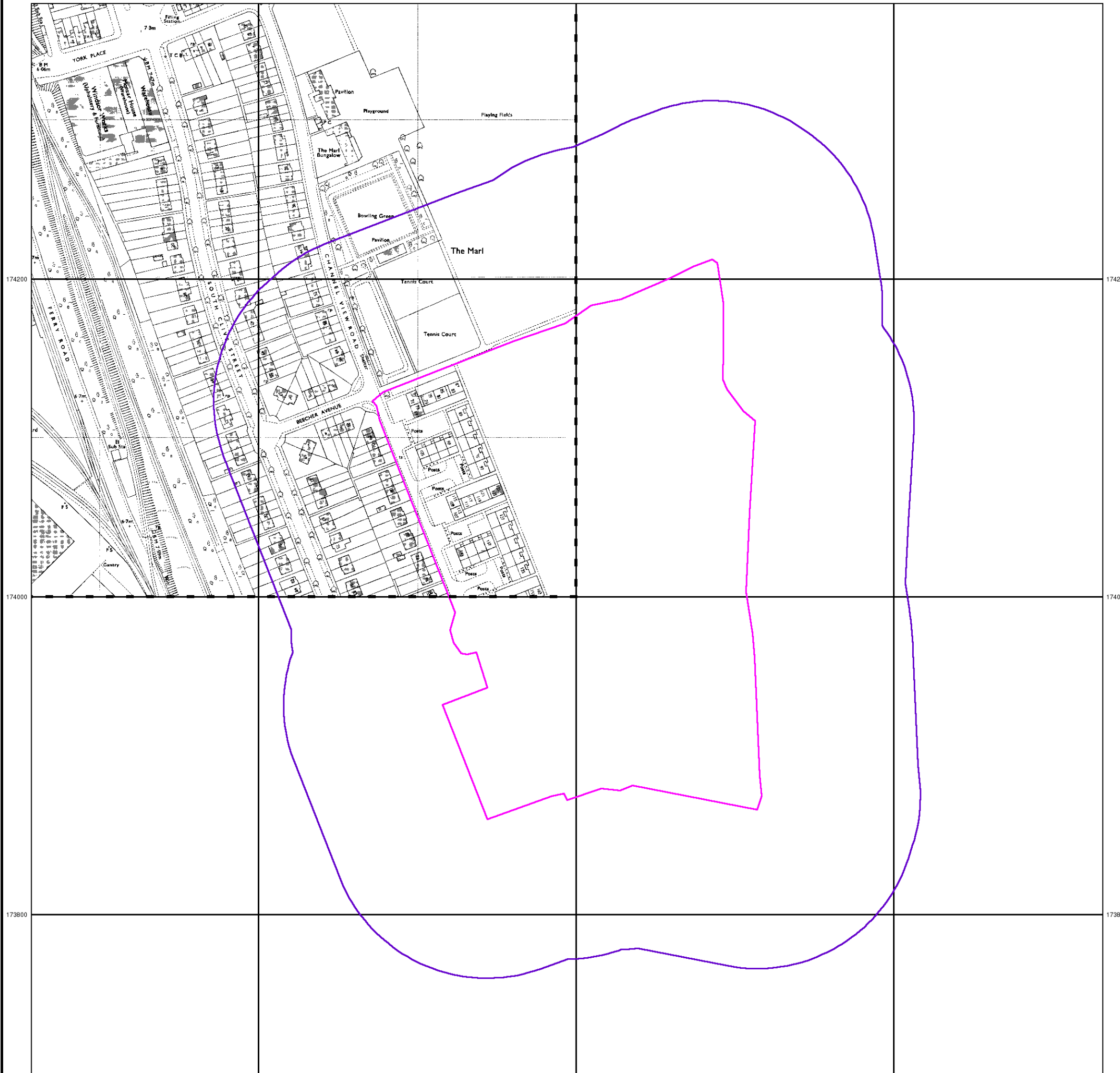


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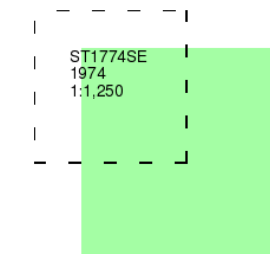
**Ordnance Survey Plan**

**Published 1974**

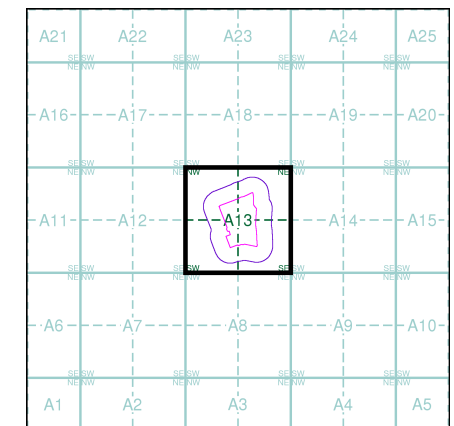
**Source map scale - 1:1,250**

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 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: 240915480\_1\_1  
 Customer Ref: 16017 Channel View  
 National Grid Reference: 318010, 174030  
 Slice: A  
 Site Area (Ha): 6.01  
 Search Buffer (m): 100

**Site Details**

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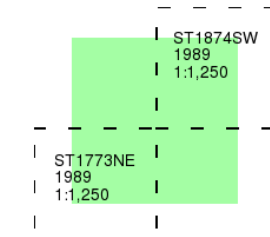
### Additional SIMs

Published 1989

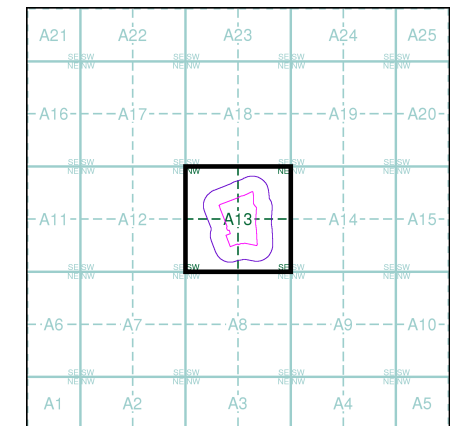
Source map scale - 1:1,250

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

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



### Historical Map - Segment A13



### Order Details

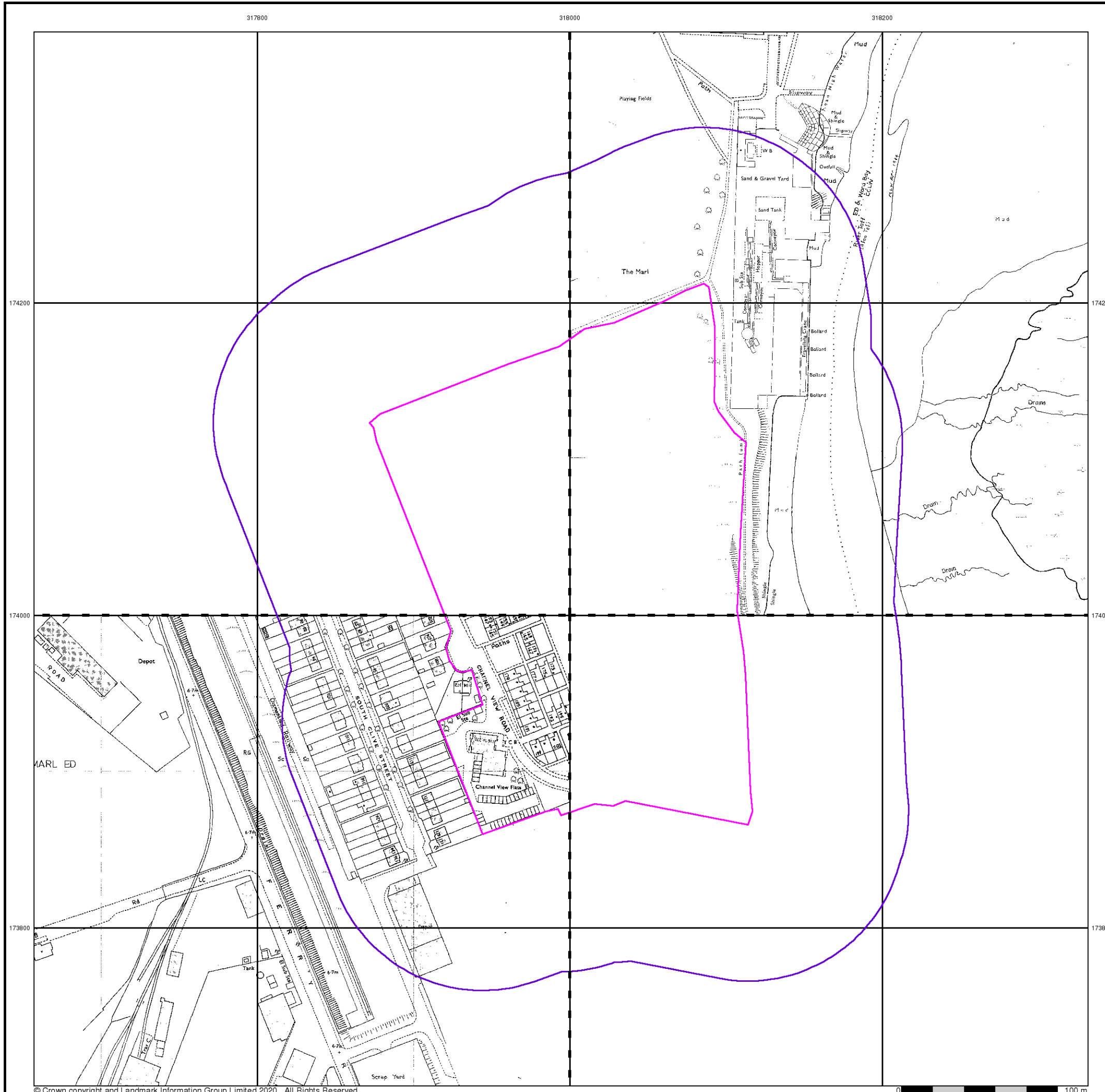
Order Number: 240915480\_1\_1  
Customer Ref: 16017 Channel View  
National Grid Reference: 318010, 174030  
Slice: A  
Site Area (Ha): 6.01  
Search Buffer (m): 100

### Site Details

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## Large-Scale National Grid Data

Published 1992

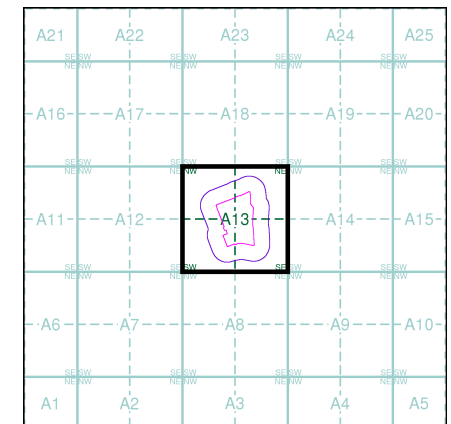
Source map scale - 1:1,250

'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)

ST1774SE	ST1874SW
1992	1992
1:1,250	1:1,250
ST1773NE	ST1873NW
1992	1992
1:1,250	1:1,250

### Historical Map - Segment A13



### Order Details

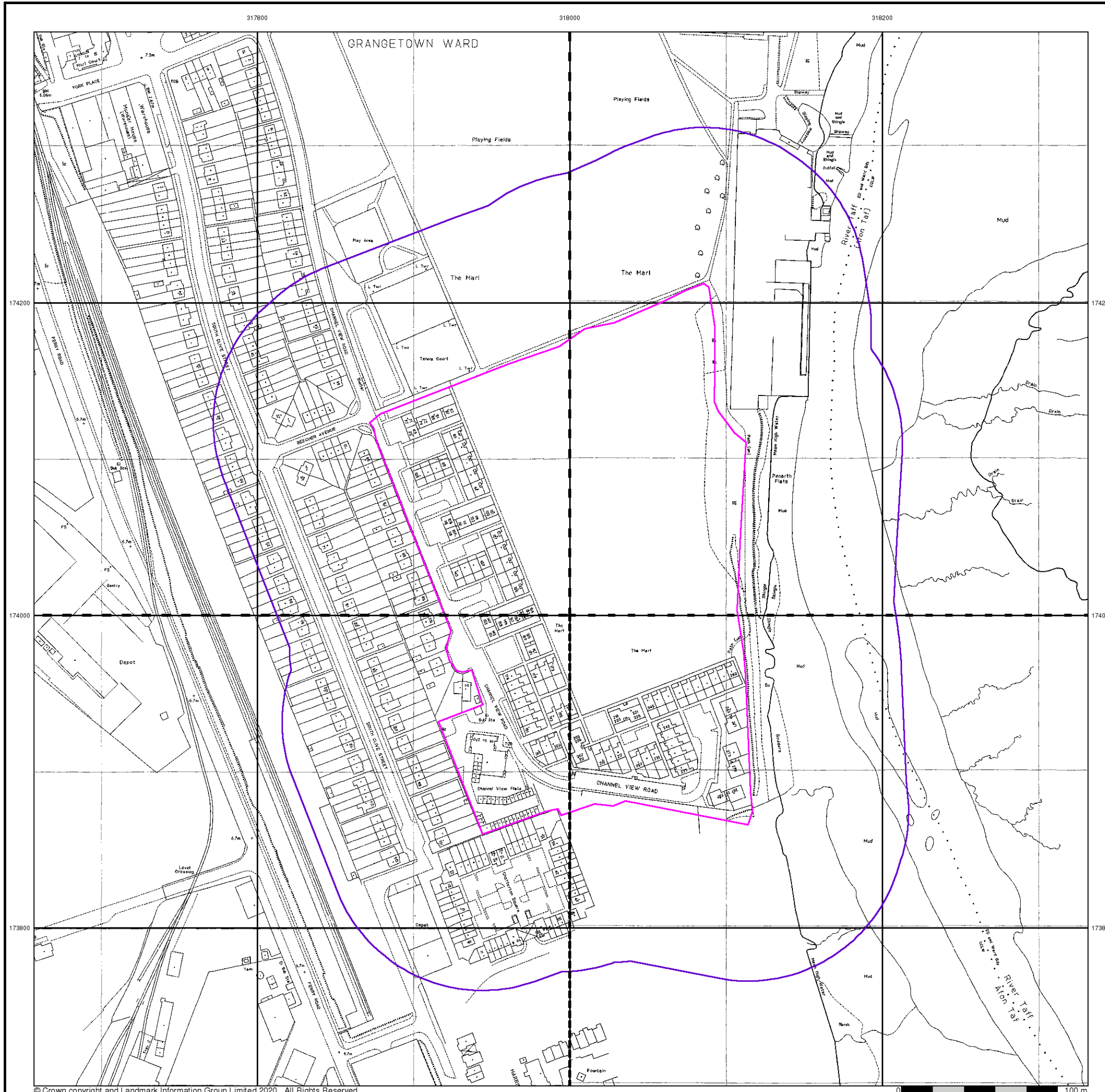
Order Number: 240915480\_1\_1  
 Customer Ref: 16017 Channel View  
 National Grid Reference: 318010, 174030  
 Slice: A  
 Site Area (Ha): 6.01  
 Search Buffer (m): 100

### Site Details

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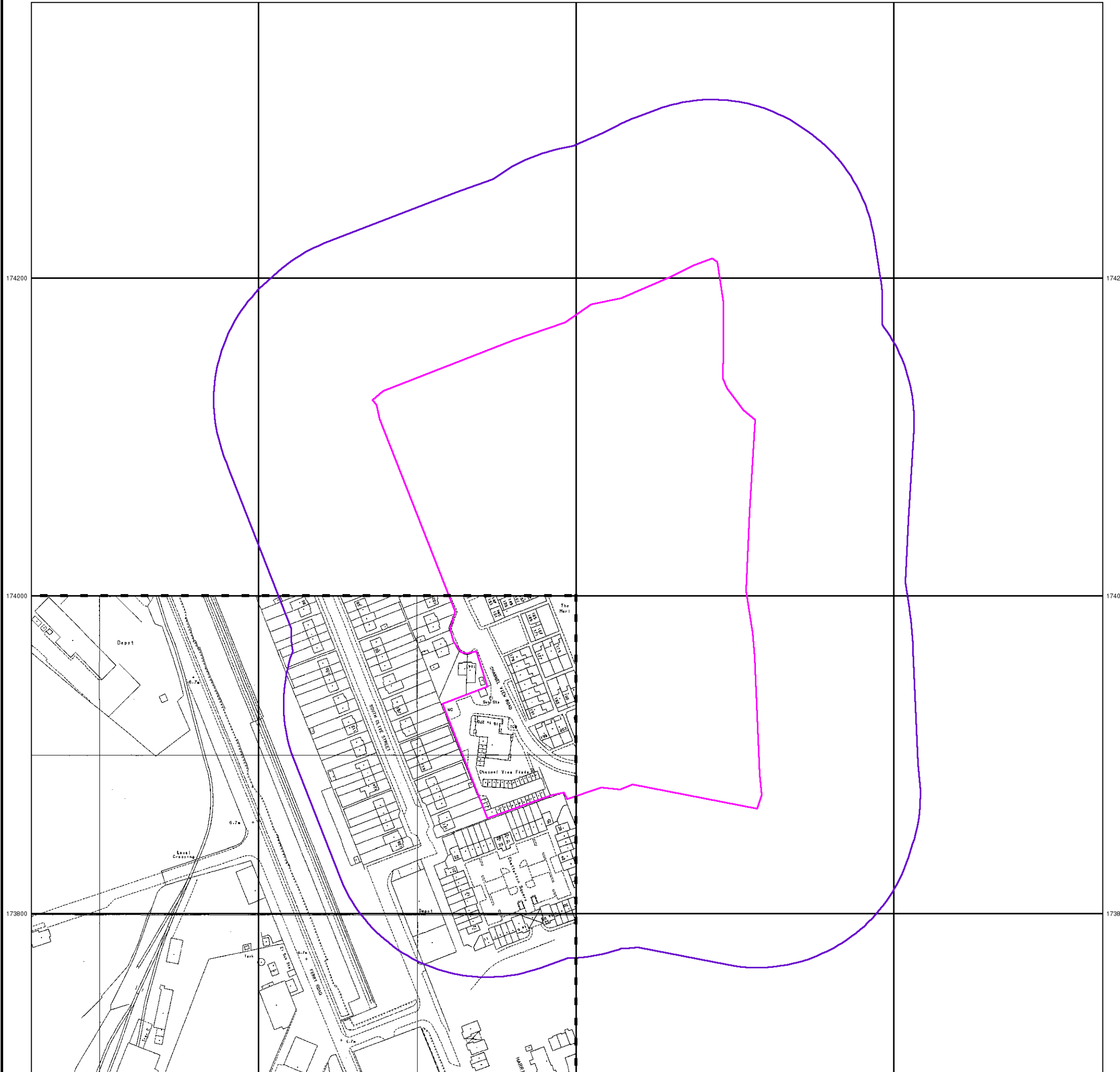
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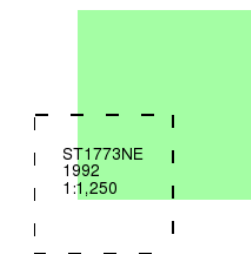
### Additional SIMs

Published 1992

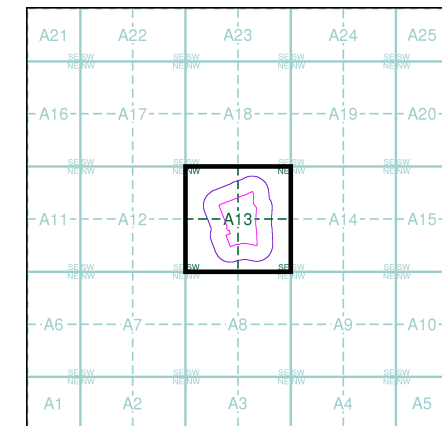
Source map scale - 1:1,250

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

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



### Historical Map - Segment A13



### Order Details

Order Number: 240915480\_1\_1  
 Customer Ref: 16017 Channel View  
 National Grid Reference: 318010, 174030  
 Slice: A  
 Site Area (Ha): 6.01  
 Search Buffer (m): 100

### Site Details

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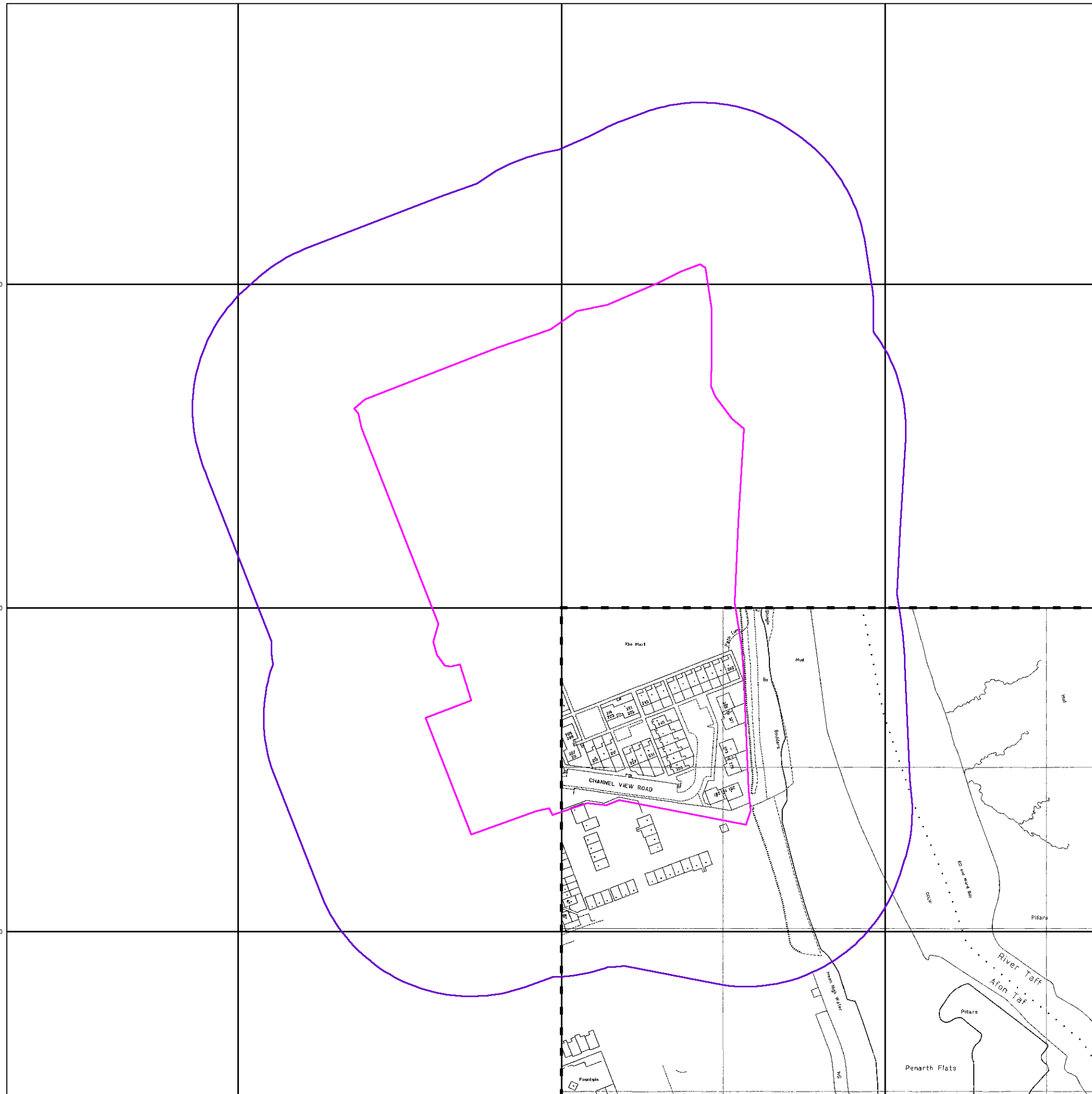
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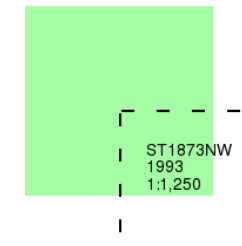
## Large-Scale National Grid Data

Published 1993

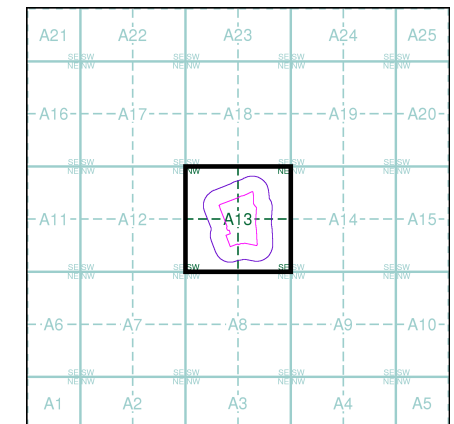
Source map scale - 1:1,250

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 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: 240915480\_1\_1  
 Customer Ref: 16017 Channel View  
 National Grid Reference: 318010, 174030  
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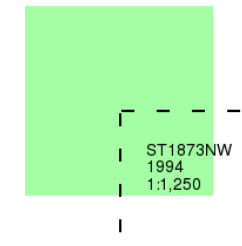
## Large-Scale National Grid Data

Published 1994

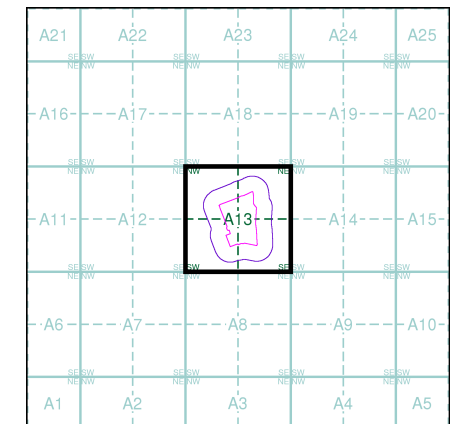
Source map scale - 1:1,250

'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: 240915480\_1\_1  
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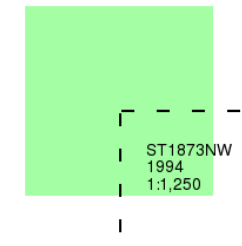
## Large-Scale National Grid Data

Published 1994

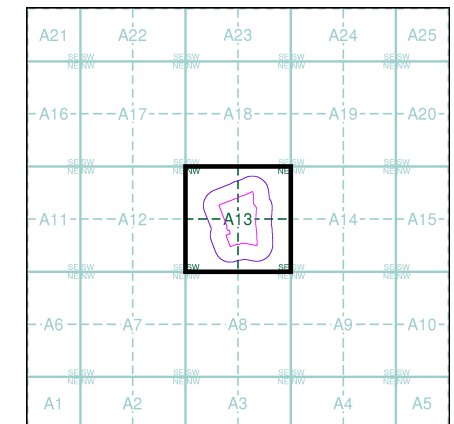
Source map scale - 1:1,250

'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: 240915480\_1\_1  
 Customer Ref: 16017 Channel View  
 National Grid Reference: 318010, 174030  
 Slice: A  
 Site Area (Ha): 6.01  
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### Site Details

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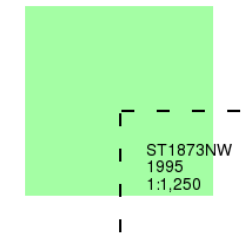
### Large-Scale National Grid Data

Published 1995

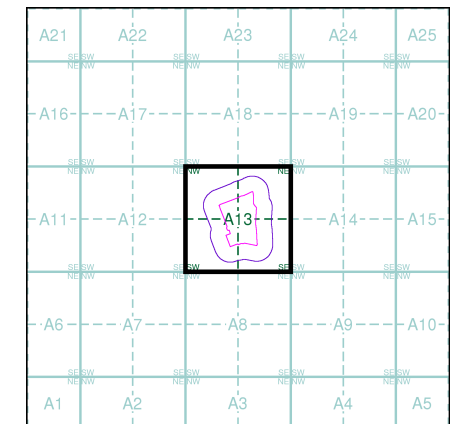
Source map scale - 1:1,250

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

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



### Historical Map - Segment A13



### Order Details

Order Number: 240915480\_1\_1  
 Customer Ref: 16017 Channel View  
 National Grid Reference: 318010, 174030  
 Slice: A  
 Site Area (Ha): 6.01  
 Search Buffer (m): 100

### Site Details

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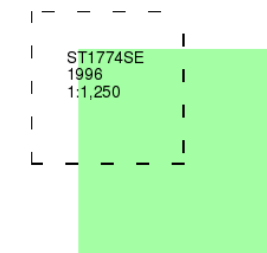
## Large-Scale National Grid Data

Published 1996

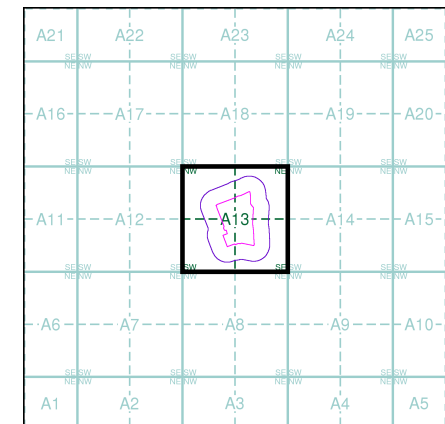
Source map scale - 1:1,250

'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

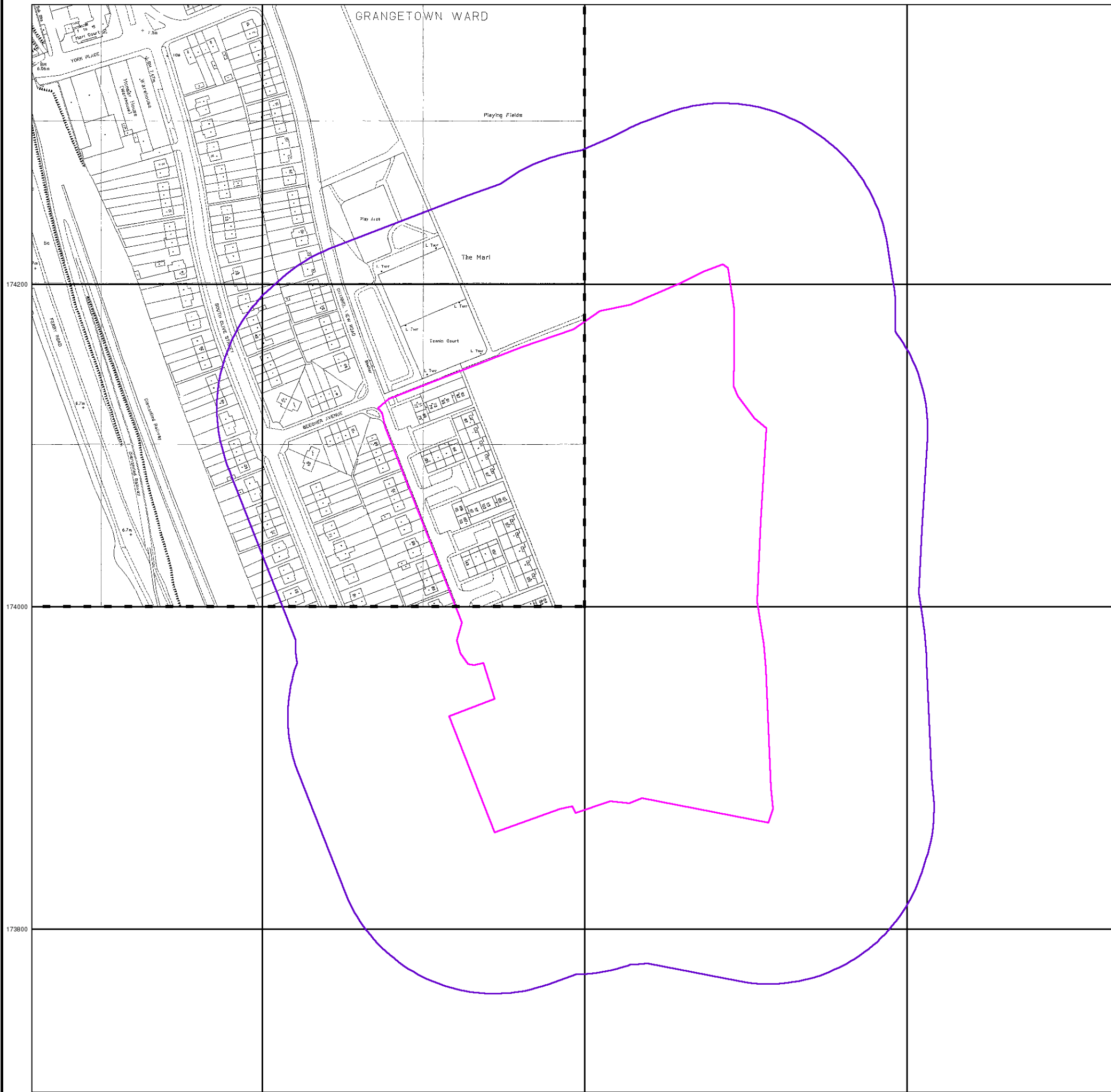
Order Number: 240915480\_1\_1  
Customer Ref: 16017 Channel View  
National Grid Reference: 318010, 174030  
Slice: A  
Site Area (Ha): 6.01  
Search Buffer (m): 100

### Site Details

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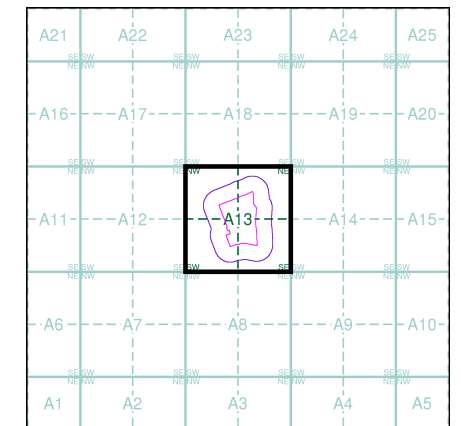


## Historical Aerial Photography

Published 2000

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

### Historical Aerial Photography - Segment A13



#### Order Details

Order Number: 240915480\_1\_1  
 Customer Ref: 16017 Channel View  
 National Grid Reference: 318010, 174030  
 Slice: A  
 Site Area (Ha): 6.01  
 Search Buffer (m): 100

#### Site Details

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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

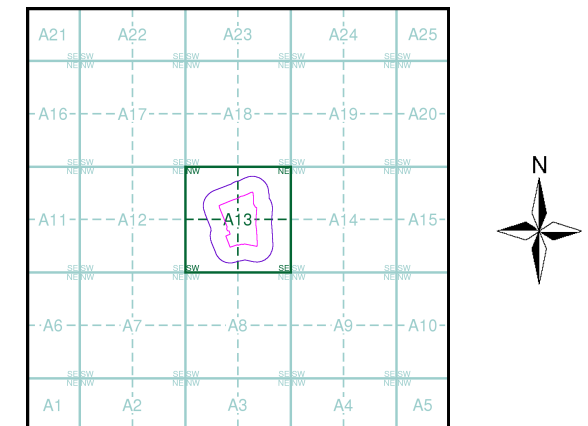
	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil, 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
Glamorganshire	1:10,560	1885 - 1886	3
Glamorganshire	1:10,560	1901	4
Glamorganshire	1:10,560	1922	5
Glamorganshire	1:10,560	1922	6
Glamorganshire	1:10,560	1938	7
Glamorganshire	1:10,560	1947 - 1951	8
Historical Aerial Photography	1:10,560	1947	9
Historical Aerial Photography	1:10,560	1947	10
Ordnance Survey Plan	1:10,000	1965	11
Ordnance Survey Plan	1:10,000	1974 - 1975	12
Cardiff	1:10,000	1982	13
Ordnance Survey Plan	1:10,000	1984 - 1986	14
Ordnance Survey Plan	1:10,000	1991 - 1996	15
Ordnance Survey Plan	1:10,000	1995	16
10K Raster Mapping	1:10,000	1999	17
10K Raster Mapping	1:10,000	2006	18
VectorMap Local	1:10,000	2020	19

## Historical Map - Slice A



## Order Details

Order Number: 240915480\_1\_1  
 Customer Ref: 16017 Channel View  
 National Grid Reference: 318010, 174030  
 Slice: A  
 Site Area (Ha): 6.01  
 Search Buffer (m): 1000

## Site Details

, 125, Channel View Road, Cardiff, CF11 7HX



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 Fax: 0844 844 9951  
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# 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		Pipe (Culvert)
	Tunnel		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)
	Steep Grade		Width of 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
	Well		Isobath with value
	Heavy (Index) Contour Line		Half Contour Line
	Contour Line and Value		Spot Elevation Value
	Coniferous		Deciduous
	Mixed		Scrub

## Key to Numbers on Mapping

**ST17NE\_Cardiff**

No.	Description
44	Factories (Metals And Machinery)

**ST17SE\_Cardiff**

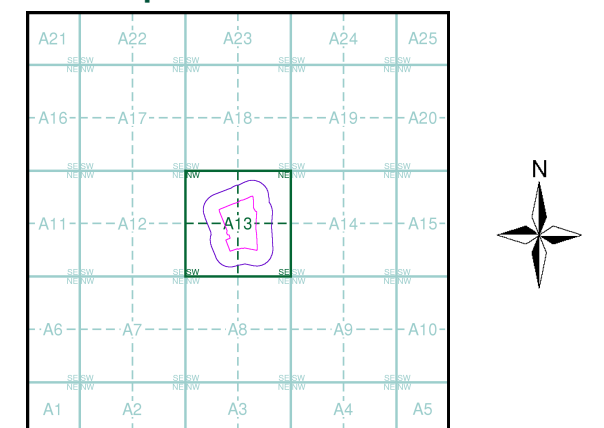
No.	Description
5	Dockyard (Ship Repairs)
9	Hospital (Naval)
19	Factories (Gas And Rope)
31	Factory (Machinery)
33	Factory (Machinery)
43	Factory (Metals)
51	Factory (Ship Repairs)
59	Factories (Electrical Appliances And Machinery)
90	Storage (Flammable And Lubricant Materials)



## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Glamorganshire	1:10,560	1885 - 1886	3
Glamorganshire	1:10,560	1901	4
Glamorganshire	1:10,560	1922	5
Glamorganshire	1:10,560	1922	6
Glamorganshire	1:10,560	1938	7
Glamorganshire	1:10,560	1947 - 1951	8
Historical Aerial Photography	1:10,560	1947	9
Historical Aerial Photography	1:10,560	1947	10
Ordnance Survey Plan	1:10,000	1965	11
Ordnance Survey Plan	1:10,000	1974 - 1975	12
Cardiff	1:10,000	1982	13
Ordnance Survey Plan	1:10,000	1984 - 1986	14
Ordnance Survey Plan	1:10,000	1991 - 1996	15
Ordnance Survey Plan	1:10,000	1995	16
10K Raster Mapping	1:10,000	1999	17
10K Raster Mapping	1:10,000	2006	18
VectorMap Local	1:10,000	2020	19

## Russian Map - Slice A



## Order Details

Order Number: 240915480\_1\_1  
 Customer Ref: 16017 Channel View  
 National Grid Reference: 318010, 174030  
 Slice: A  
 Site Area (Ha): 6.01  
 Search Buffer (m): 1000

## Site Details

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### Glamorganshire

Published 1885 - 1886

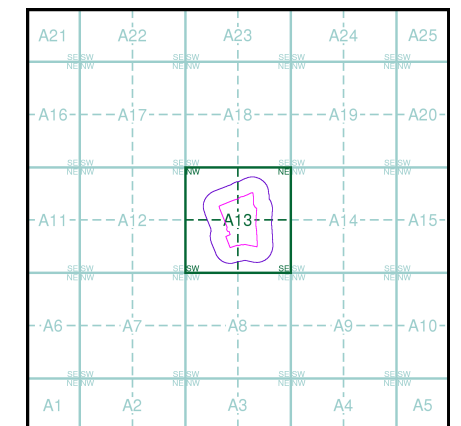
Source map scale - 1:10,560

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)

04300	1886	1:10,560
04700	1885	1:10,560

### Historical Map - Slice A



### Order Details

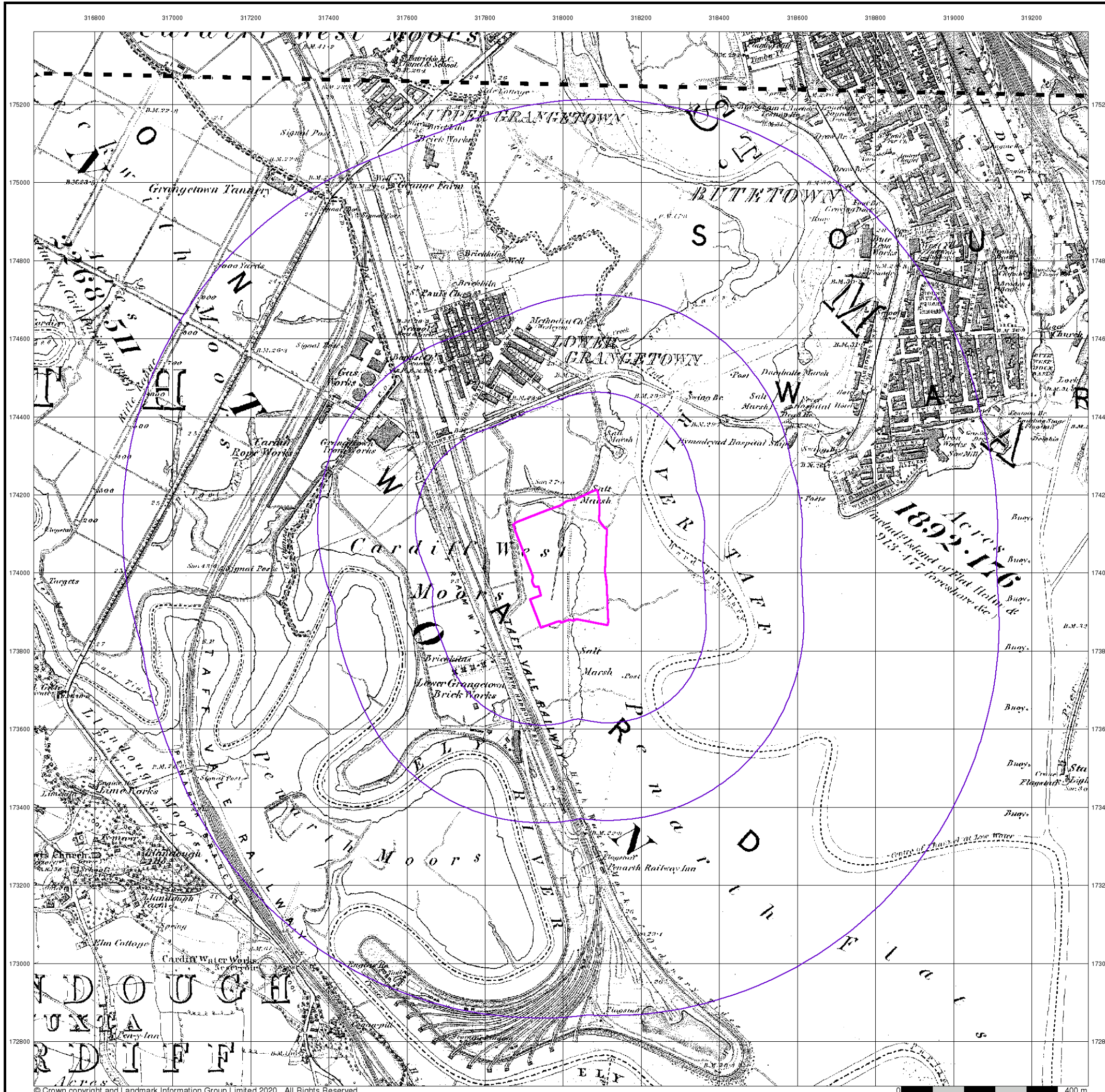
Order Number: 240915480\_1\_1  
 Customer Ref: 16017 Channel View  
 National Grid Reference: 318010, 174030  
 Slice: A  
 Site Area (Ha): 6.01  
 Search Buffer (m): 1000

### Site Details

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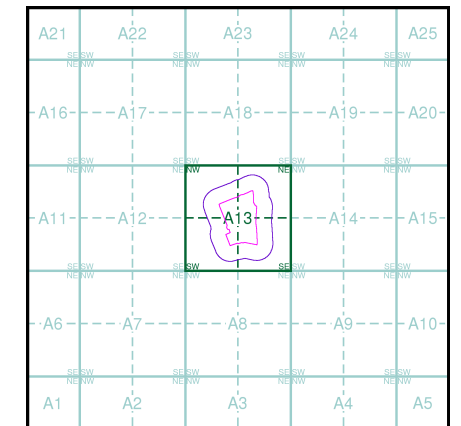


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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

043SW 1901 1:10,560	043SE 1901 1:10,560
047NW 1901 1:10,560	047NE 1901 1:10,560

Historical Map - Slice A

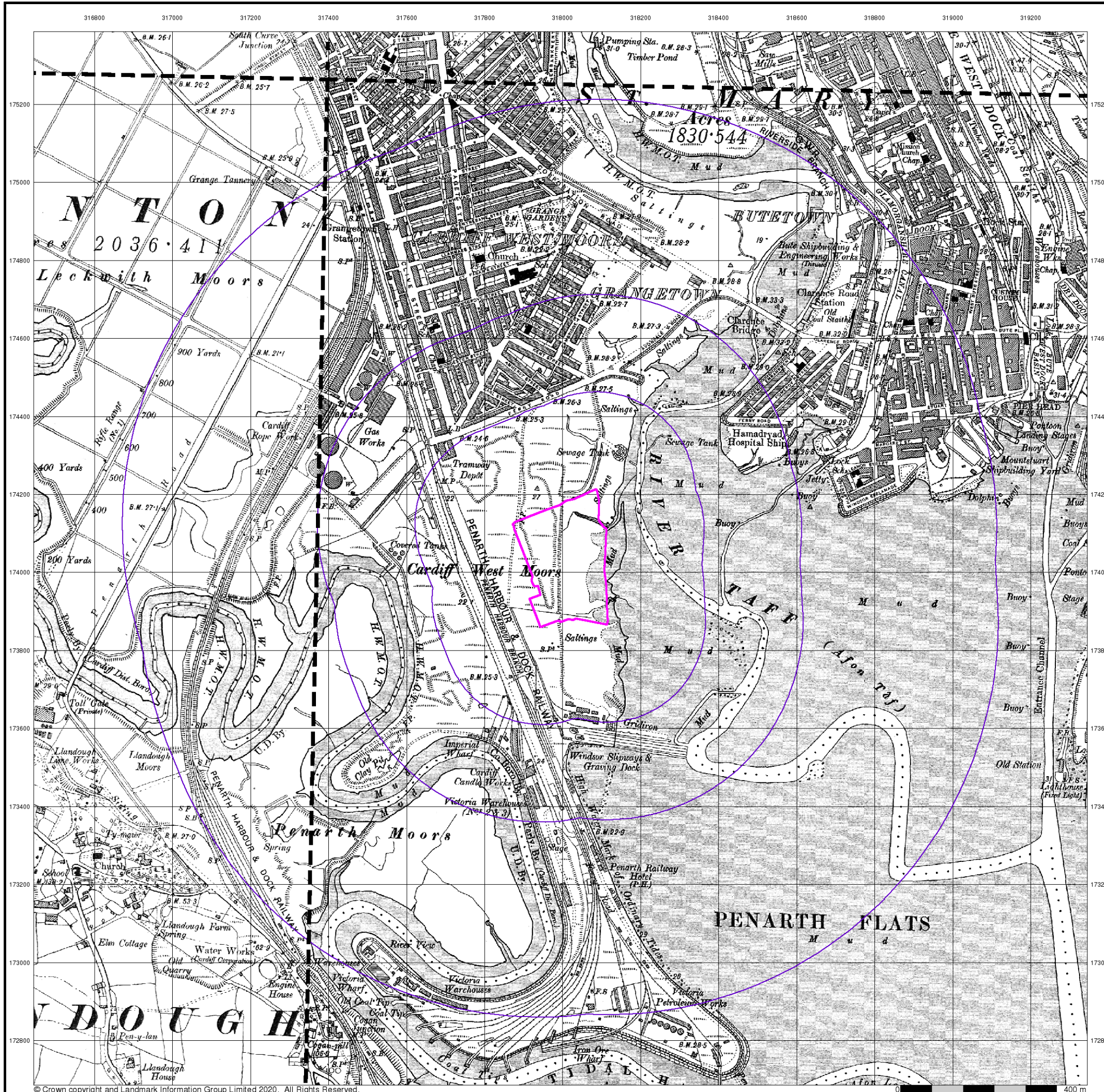


Order Details

Order Number: 240915480\_1\_1  
 Customer Ref: 16017 Channel View  
 National Grid Reference: 318010, 174030  
 Slice: A  
 Site Area (Ha): 6.01  
 Search Buffer (m): 1000

Site Details

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## Glamorganshire

Published 1922

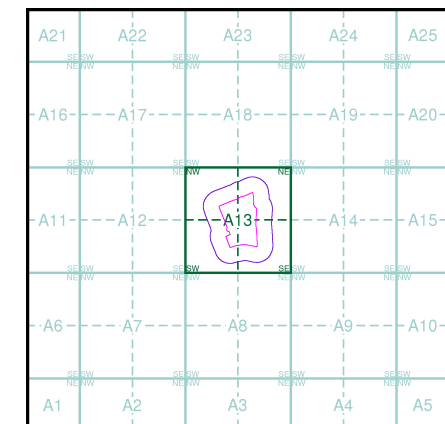
Source map scale - 1:10,560

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)

043SW 1922 1:10,560	043SE 1922 1:10,560
047NW 1922 1:10,560	047NE 1922 1:10,560

### Historical Map - Slice A



### Order Details

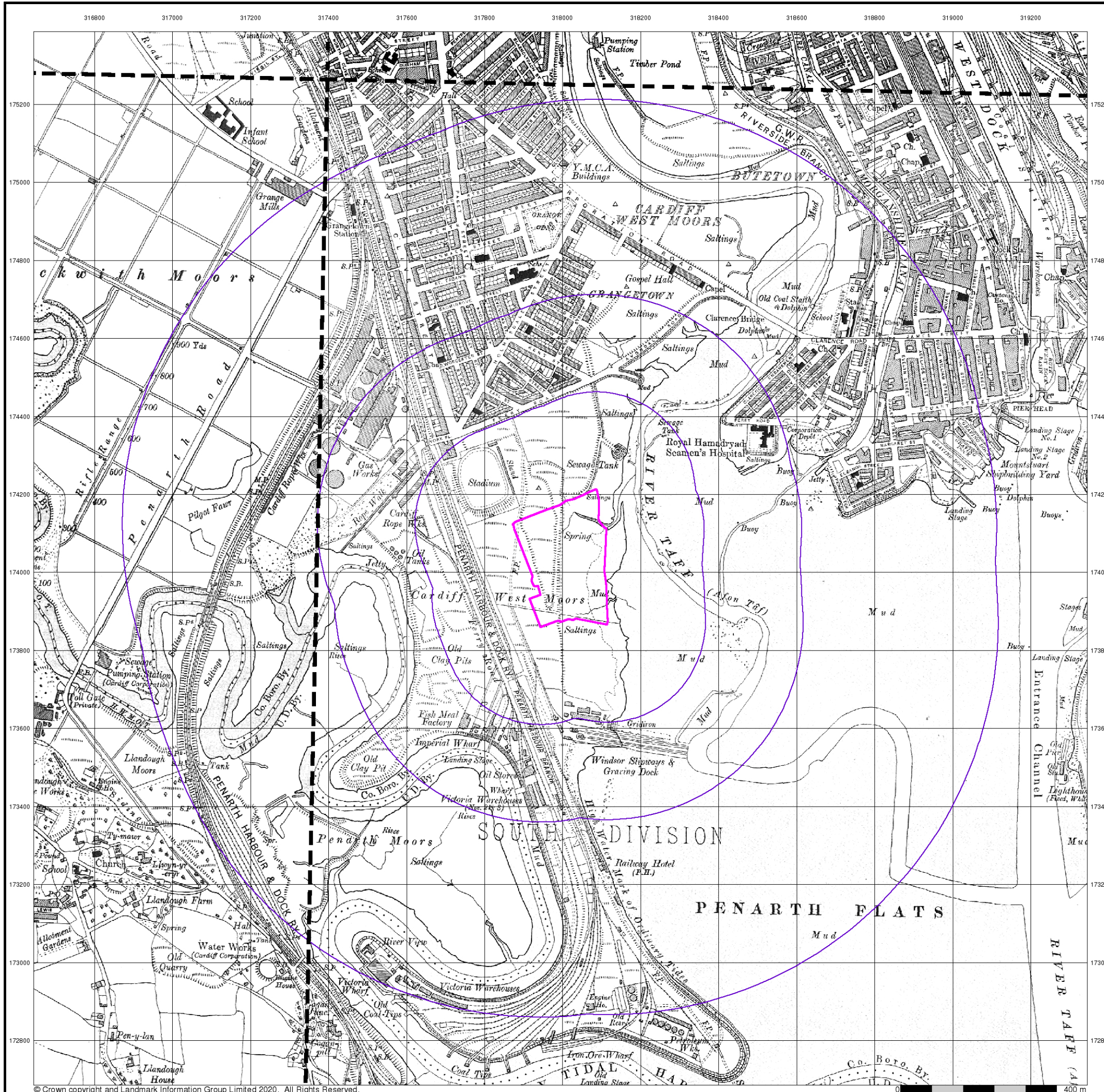
Order Number: 240915480\_1\_1  
 Customer Ref: 16017 Channel View  
 National Grid Reference: 318010, 174030  
 Slice: A  
 Site Area (Ha): 6.01  
 Search Buffer (m): 1000

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## Glamorganshire

Published 1922

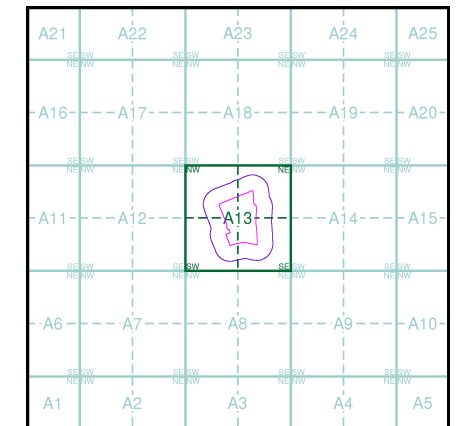
Source map scale - 1:10,560

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)

043SW	1922	1:10,560
047NW	1922	1:10,560

### Historical Map - Slice A



### Order Details

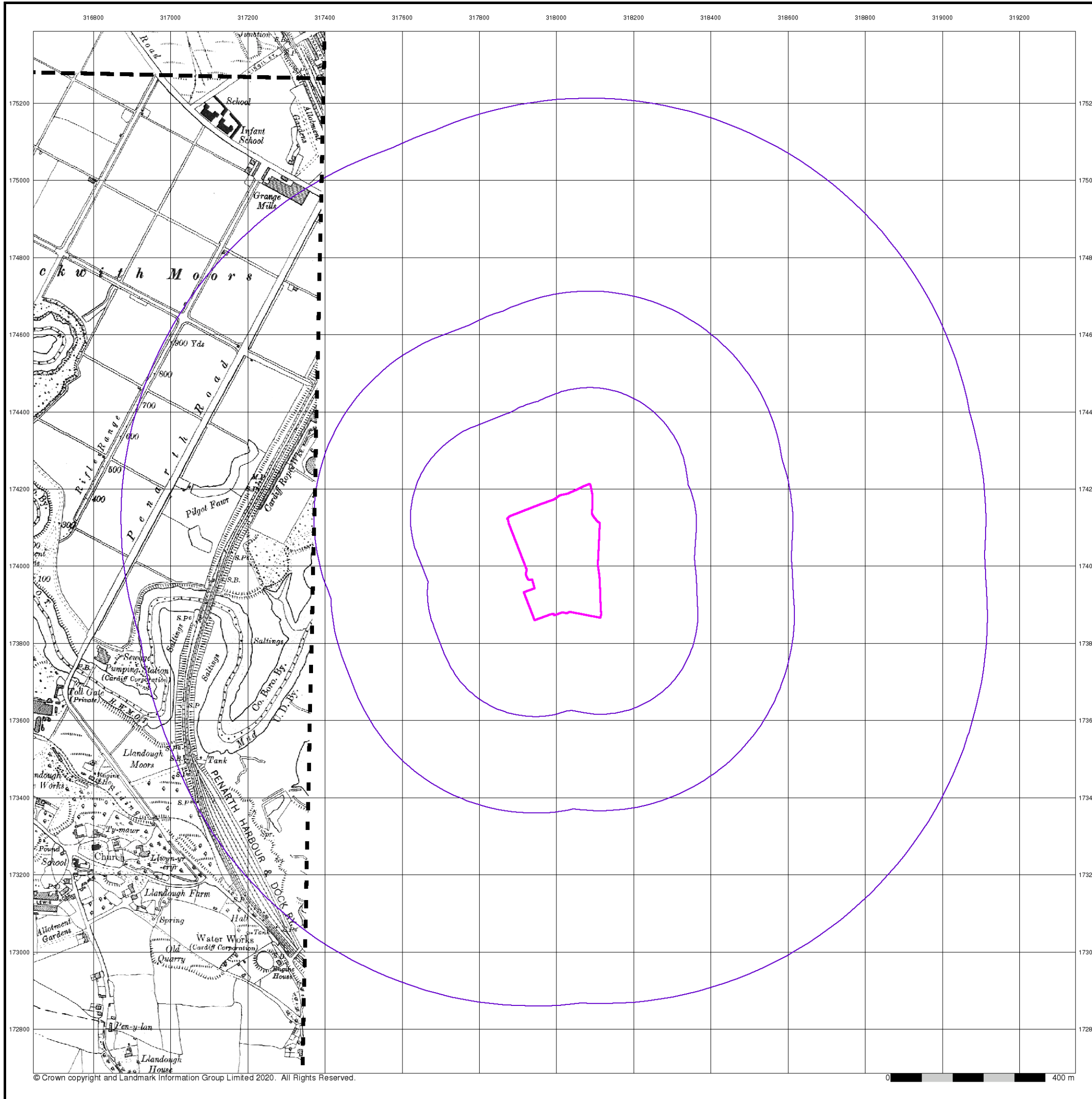
Order Number: 240915480\_1\_1  
 Customer Ref: 16017 Channel View  
 National Grid Reference: 318010, 174030  
 Slice: A  
 Site Area (Ha): 6.01  
 Search Buffer (m): 1000

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## Glamorganshire

Published 1938

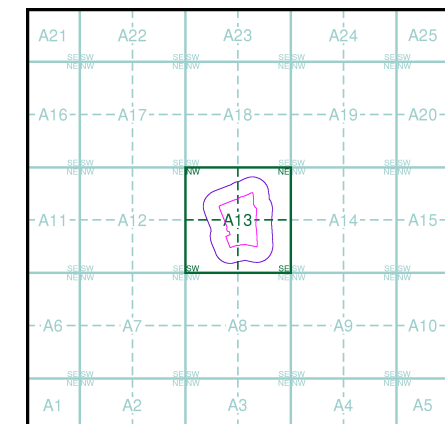
Source map scale - 1:10,560

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)

043SW 1938 1:10,560	043SE 1938 1:10,560
047NW 1938 1:10,560	047NE 1938 1:10,560

### Historical Map - Slice A



### Order Details

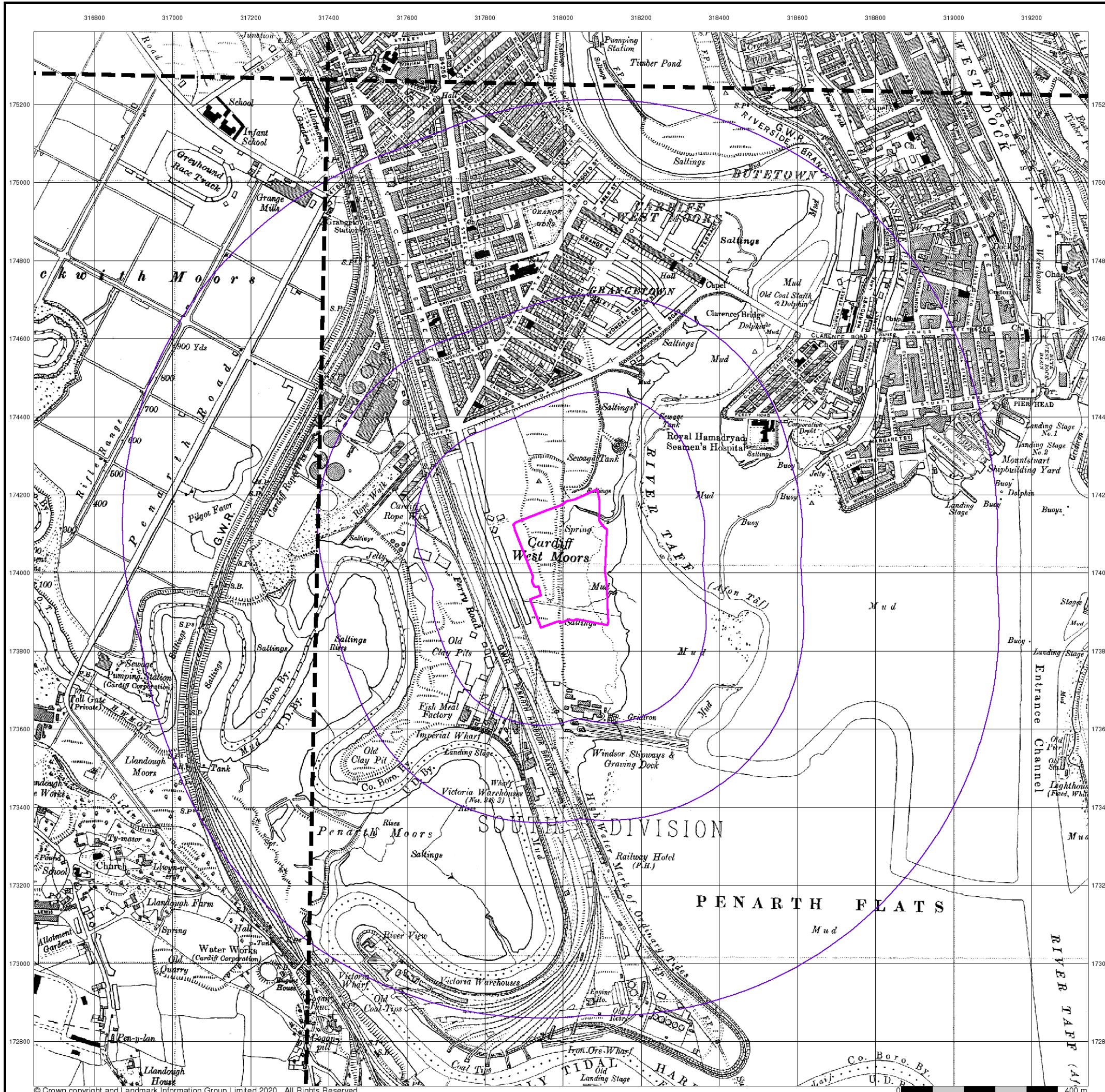
Order Number: 240915480\_1\_1  
 Customer Ref: 16017 Channel View  
 National Grid Reference: 318010, 174030  
 Slice: A  
 Site Area (Ha): 6.01  
 Search Buffer (m): 1000

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### Glamorganshire

Published 1947 - 1951

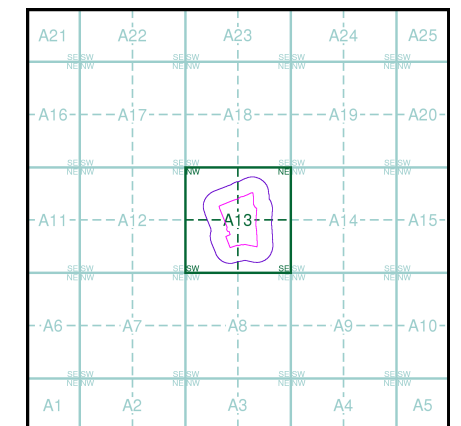
Source map scale - 1:10,560

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)

043SW 1951 1:10,560	043SE 1951 1:10,560
047NW 1950 1:10,560	047NE 1947 1:10,560

### Historical Map - Slice A



### Order Details

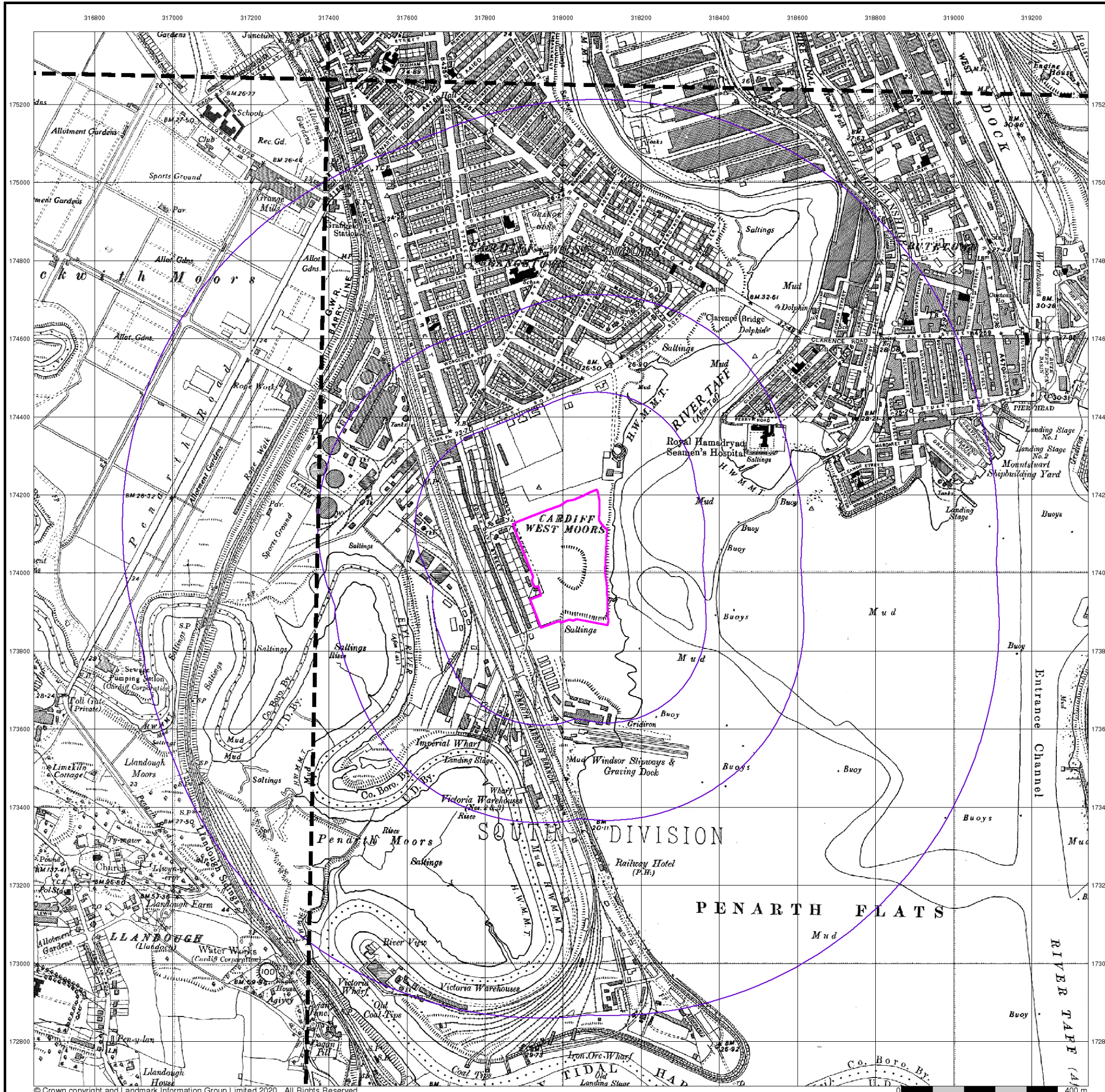
Order Number: 240915480\_1\_1  
 Customer Ref: 16017 Channel View  
 National Grid Reference: 318010, 174030  
 Slice: A  
 Site Area (Ha): 6.01  
 Search Buffer (m): 1000

### Site Details

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316800 317000 317200 317400 317600 317800 318000 318200 318400 318600 318800 319000 319200



### Historical Aerial Photography

Published 1947

Source map scale - 1:10,560

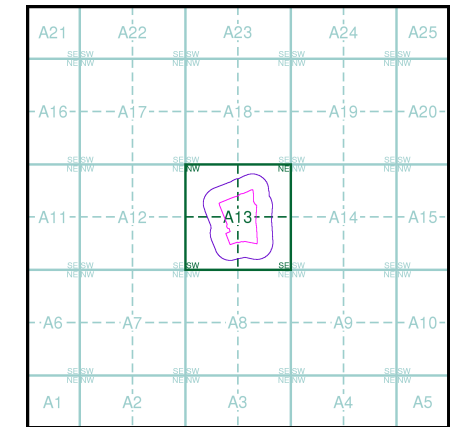
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the 1950's meant that every photograph was re-checked for potentially unsafe information with security sites replaced by fake fields or clouds. The original editions were withdrawn and only later made available after a period of fifty years although due to the accuracy of the editing, without viewing both revisions it is not easy to spot the edits. Where available Landmark have included both revisions.

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

ST17NE  
1947  
1:10,560  
  
ST17SE  
1947  
1:10,560

### Historical Aerial Photography - Slice A



### Order Details

Order Number: 240915480\_1\_1  
Customer Ref: 16017 Channel View  
National Grid Reference: 318010, 174030  
Slice: A  
Site Area (Ha): 6.01  
Search Buffer (m): 1000

### Site Details

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316800 317000 317200 317400 317600 317800 318000 318200 318400 318600 318800 319000 319200



### Historical Aerial Photography Published 1947

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

The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the 1950's meant that every photograph was re-checked for potentially unsafe information with security sites replaced by fake fields or clouds. The original editions were withdrawn and only later made available after a period of fifty years although due to the accuracy of the editing, without viewing both revisions it is not easy to spot the edits. Where available Landmark have included both revisions.

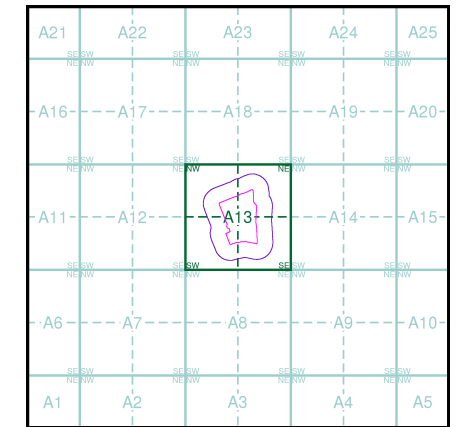
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#### Map Name(s) and Date(s)

ST17NE  
1947  
1:10,560

ST17SE  
1947  
1:10,560

#### Historical Aerial Photography - Slice A



#### Order Details

Order Number: 240915480\_1\_1  
Customer Ref: 16017 Channel View  
National Grid Reference: 318010, 174030  
Slice: A  
Site Area (Ha): 6.01  
Search Buffer (m): 1000

#### Site Details

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## Ordnance Survey Plan

Published 1965

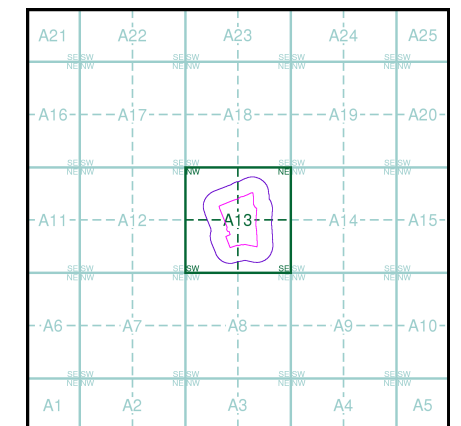
Source map scale - 1:10,000

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)

ST17NE	1965
1:10,560	
ST17SE	1965
1:10,560	

### Historical Map - Slice A

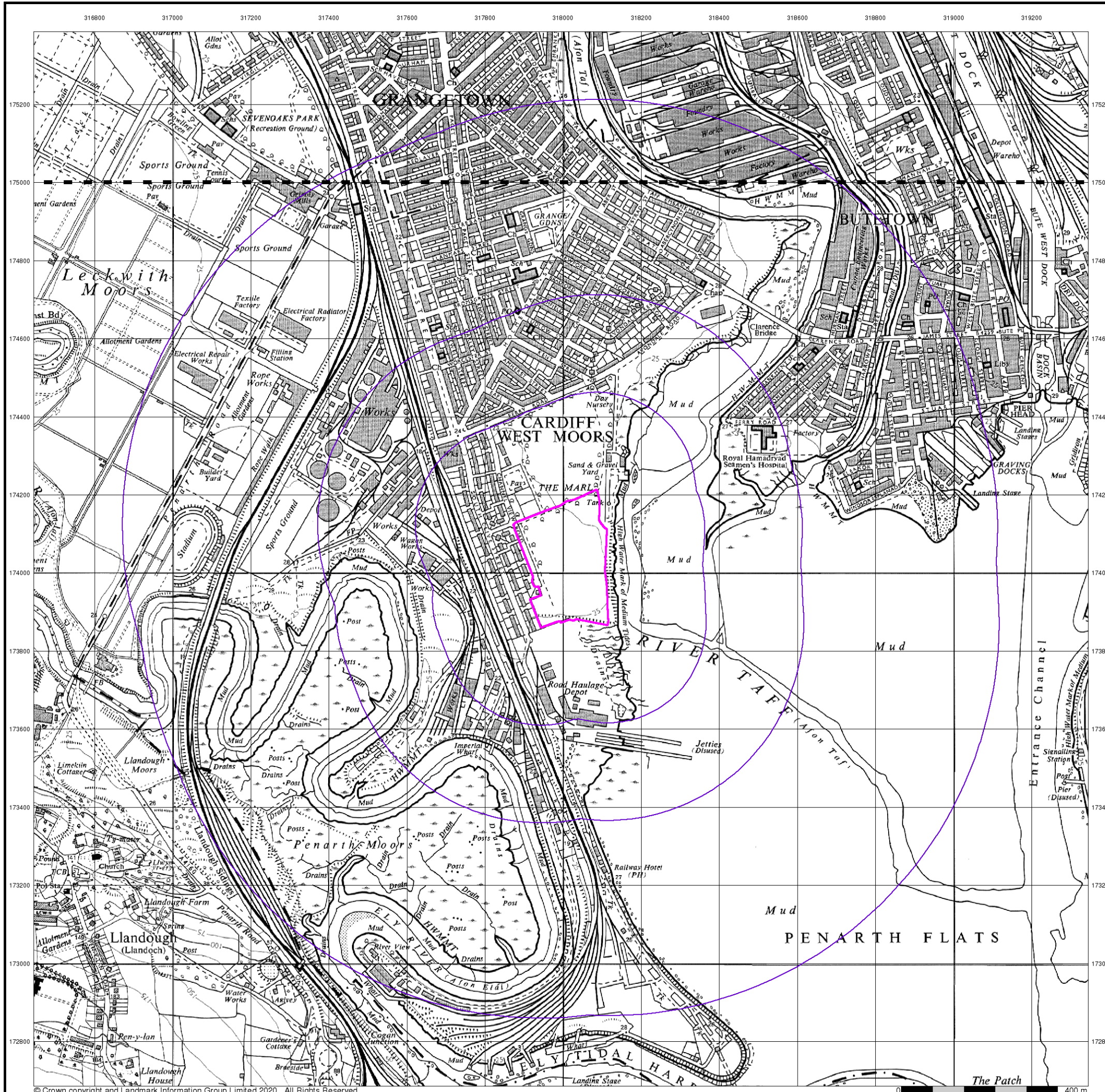


### Order Details

Order Number: 240915480\_1\_1  
 Customer Ref: 16017 Channel View  
 National Grid Reference: 318010, 174030  
 Slice: A  
 Site Area (Ha): 6.01  
 Search Buffer (m): 1000

### Site Details

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### Ordnance Survey Plan

Published 1974 - 1975

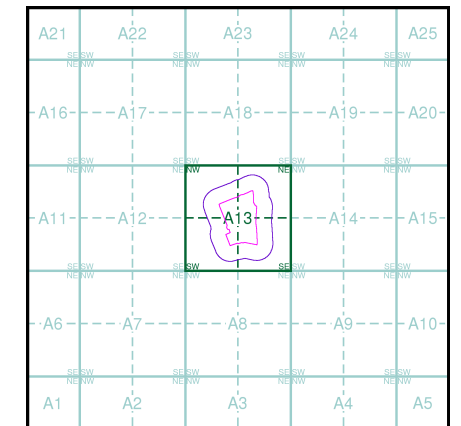
Source map scale - 1:10,000

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)

ST17NE	1975
1:10,000	
ST17SE	1974
1:10,000	

### Historical Map - Slice A



### Order Details

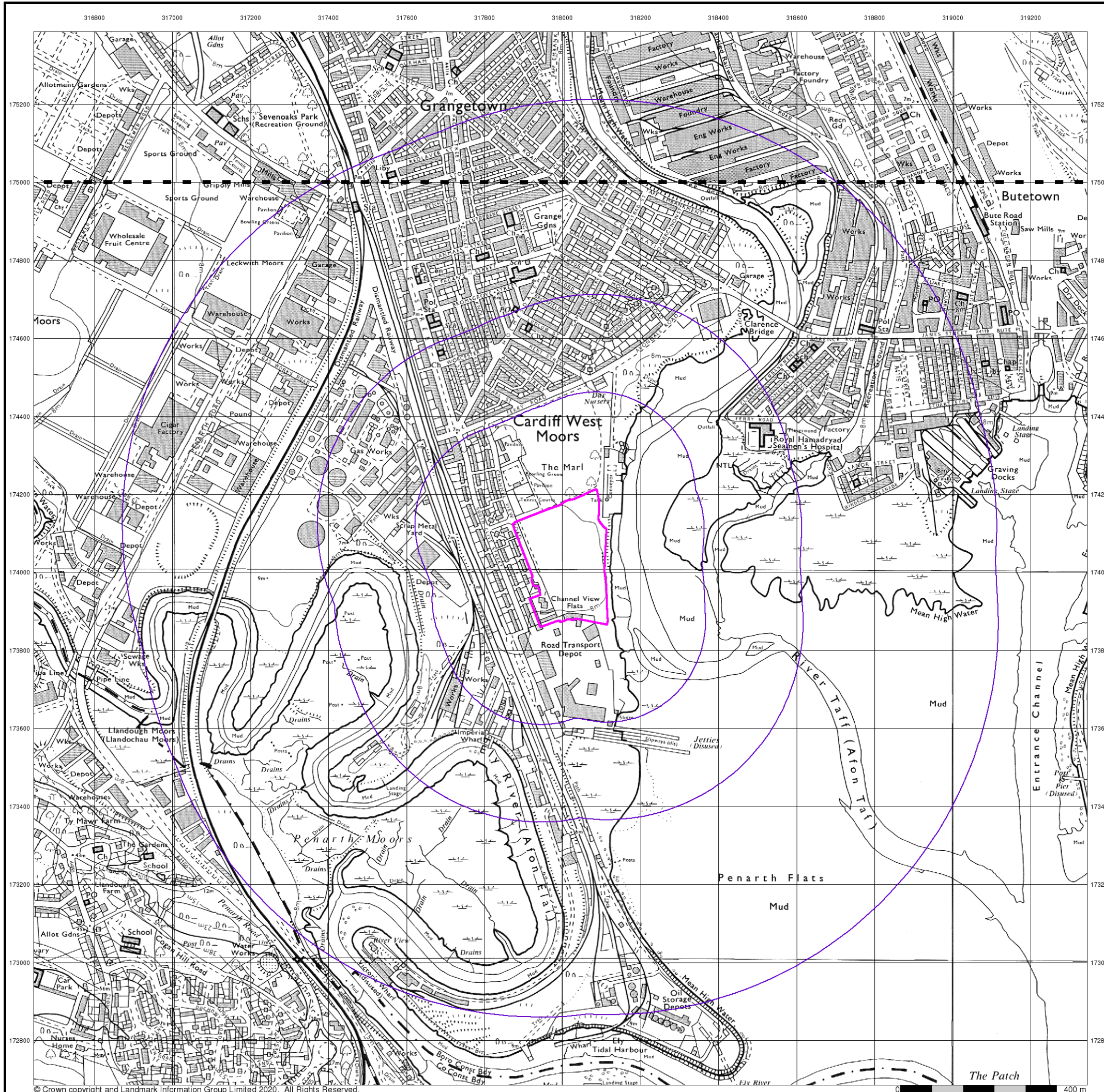
Order Number: 240915480\_1\_1  
 Customer Ref: 16017 Channel View  
 National Grid Reference: 318010, 174030  
 Slice: A  
 Site Area (Ha): 6.01  
 Search Buffer (m): 1000

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### Cardiff

Published 1982

Source map scale - 1:10,000

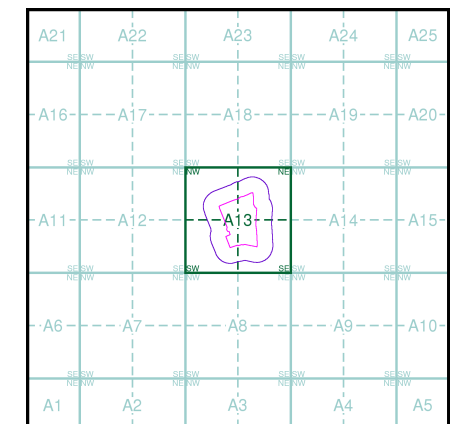
These maps were produced by the Russian military during the Cold War between 1950 and 1997, and cover 103 towns and cities throughout the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scale, and show detailed land use, with colour-coded areas for development, green areas, and non-developed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

ST17NE  
1982  
1:10,000  
ST17SE  
1982  
1:10,000

### Russian Map - Slice A



### Order Details

Order Number: 240915480\_1\_1  
Customer Ref: 16017 Channel View  
National Grid Reference: 318010, 174030  
Slice: A  
Site Area (Ha): 6.01  
Search Buffer (m): 1000

### Site Details

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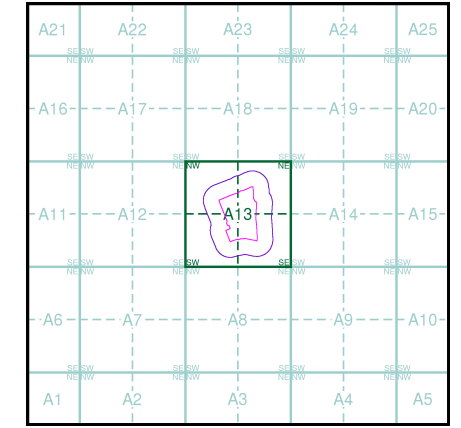
**Ordnance Survey Plan  
Published 1984 - 1986  
Source map scale - 1:10,000**

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

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

ST17NE	1986	1:10,000
ST17SE	1984	1:10,000

**Historical Map - Slice A**



**Order Details**

Order Number: 240915480\_1\_1  
 Customer Ref: 16017 Channel View  
 National Grid Reference: 318010, 174030  
 Slice: A  
 Site Area (Ha): 6.01  
 Search Buffer (m): 1000

**Site Details**

, 125, Channel View Road, Cardiff, CF11 7HX



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



### Ordnance Survey Plan

Published 1991 - 1996

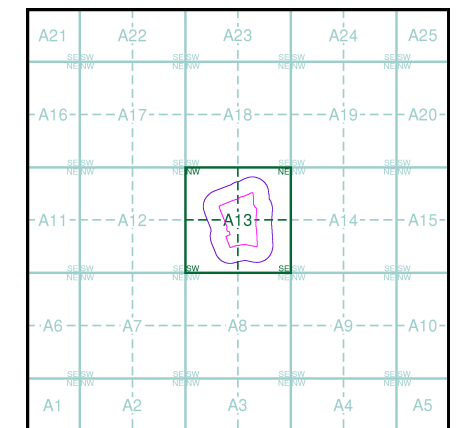
Source map scale - 1:10,000

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)

ST17NE	1991	1:10,000
ST17SE	1996	1:10,000

### Historical Map - Slice A



### Order Details

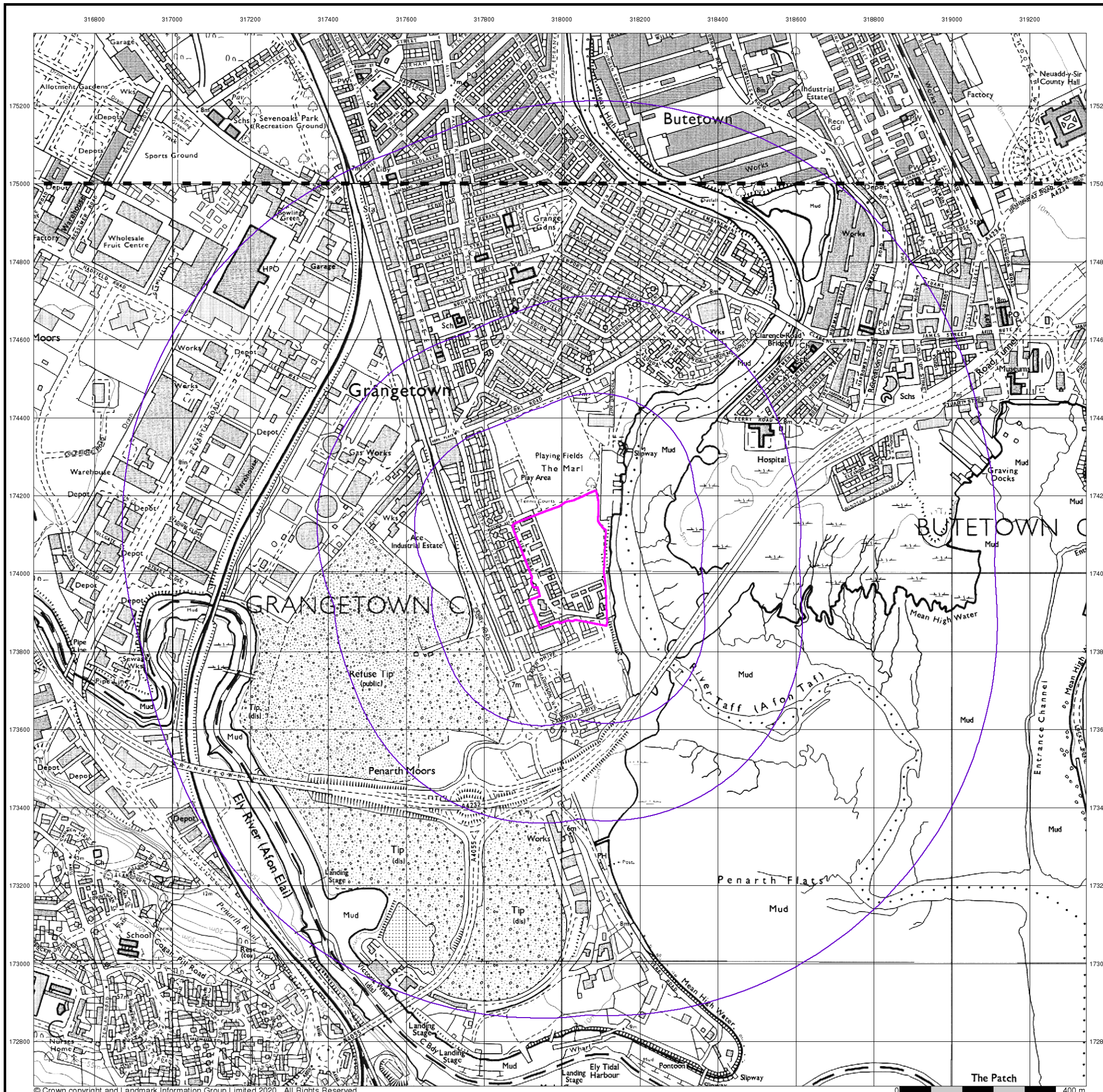
Order Number: 240915480\_1\_1  
 Customer Ref: 16017 Channel View  
 National Grid Reference: 318010, 174030  
 Slice: A  
 Site Area (Ha): 6.01  
 Search Buffer (m): 1000

### Site Details

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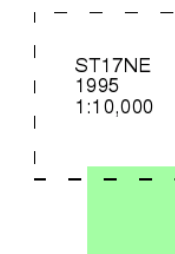
## Ordnance Survey Plan

Published 1995

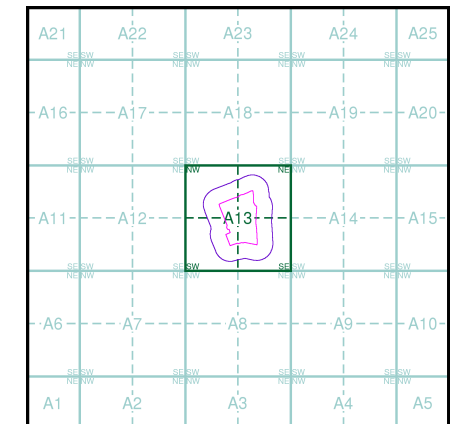
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps.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

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



### Historical Map - Slice A

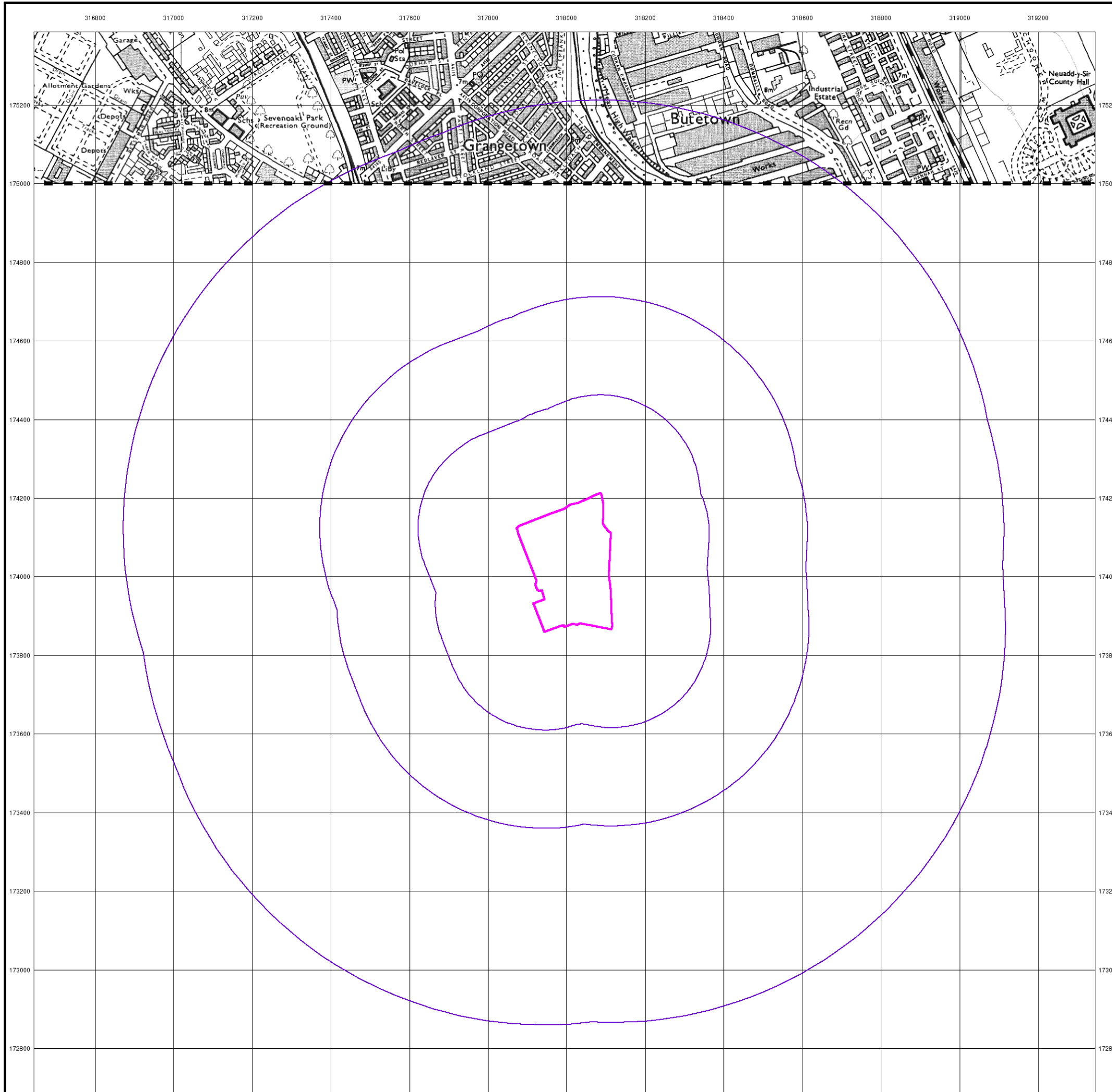


### Order Details

Order Number: 240915480\_1\_1  
 Customer Ref: 16017 Channel View  
 National Grid Reference: 318010, 174030  
 Slice: A  
 Site Area (Ha): 6.01  
 Search Buffer (m): 1000

### Site Details

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### 10k Raster Mapping

Published 1999

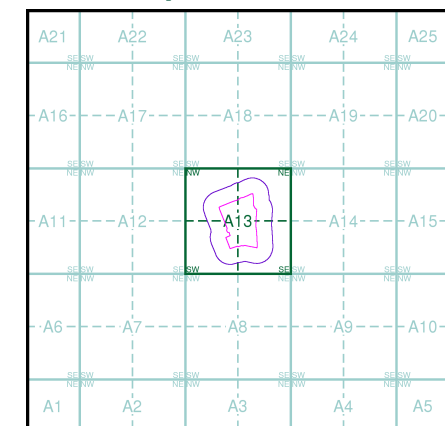
Source map scale - 1:10,000

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)

ST17NE	1999	1:10,000
ST17SE	1999	1:10,000

### Historical Map - Slice A



### Order Details

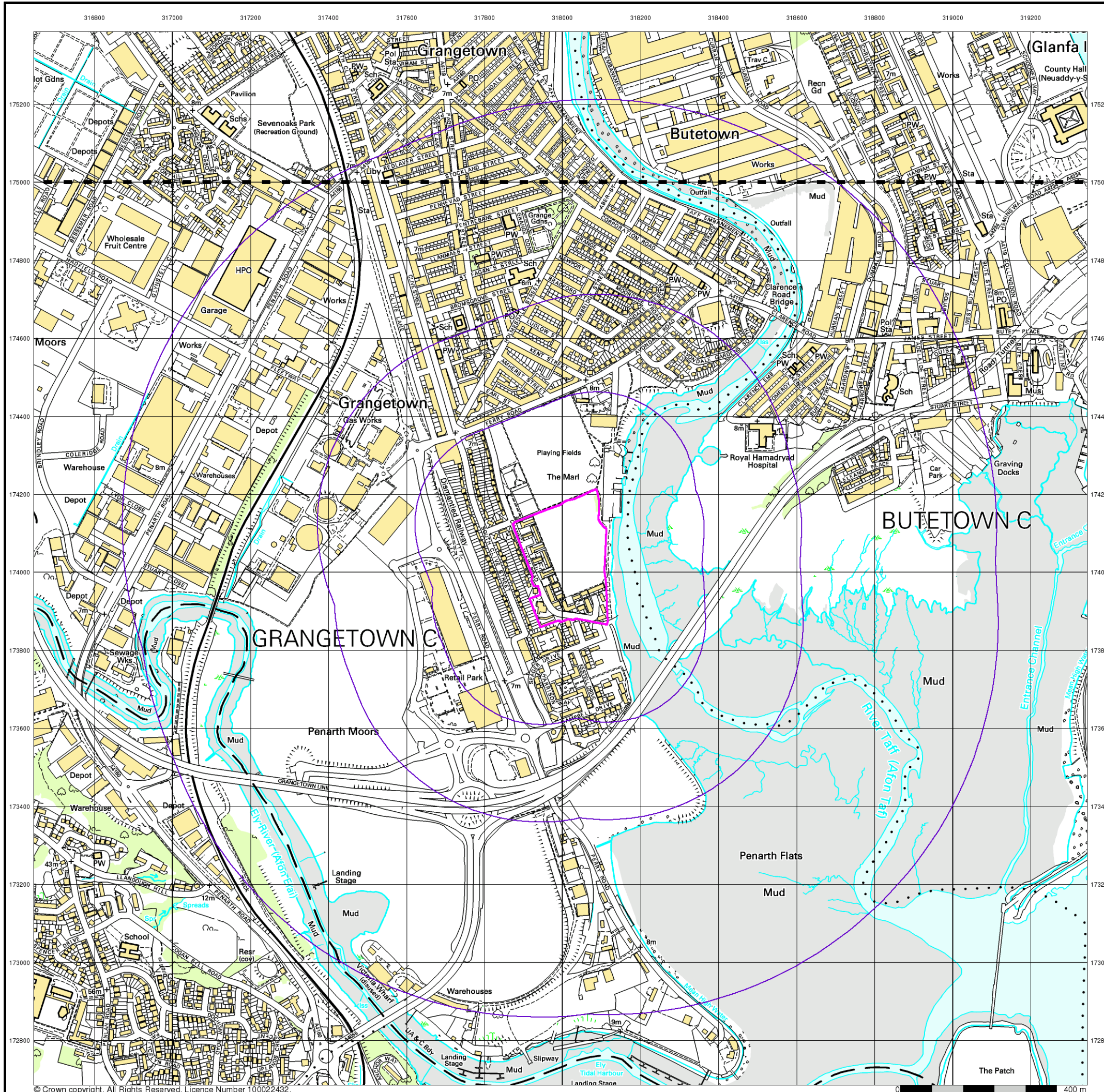
Order Number: 240915480\_1\_1  
 Customer Ref: 16017 Channel View  
 National Grid Reference: 318010, 174030  
 Slice: A  
 Site Area (Ha): 6.01  
 Search Buffer (m): 1000

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### 10k Raster Mapping

Published 2006

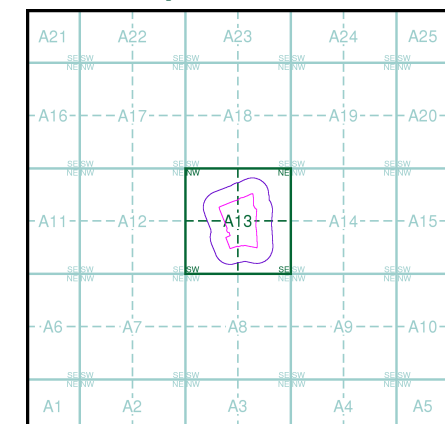
Source map scale - 1:10,000

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)

ST17NE	2006	1:10,000
ST17SE	2006	1:10,000

### Historical Map - Slice A



### Order Details

Order Number: 240915480\_1\_1  
 Customer Ref: 16017 Channel View  
 National Grid Reference: 318010, 174030  
 Slice: A  
 Site Area (Ha): 6.01  
 Search Buffer (m): 1000

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### VectorMap Local

Published 2020

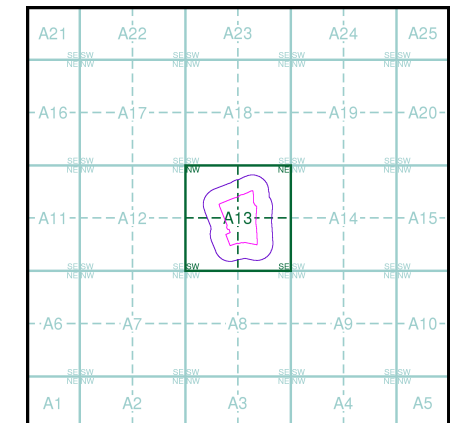
Source map scale - 1:10,000

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)

- ST17NE | 2020 | Variable
- ST17SE | 2020 | Variable

### Historical Map - Slice A



### Order Details

Order Number: 240915480\_1\_1  
 Customer Ref: 16017 Channel View  
 National Grid Reference: 318010, 174030  
 Slice: A  
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
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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
	MGR	Made Ground (Undivided)	Artificial Deposit	Not Supplied - Holocene
	SLIP	Landslide Deposit	Unknown/Unclassified Entry	Not Supplied - Quaternary

## Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	SUPNM	Superficial Theme Not Mapped [For Digital Map Use Only]	Water, Type Unspecified	Not Supplied - Not Supplied
	TFD	Tidal Flat Deposits	Clay, Silt and Sand	Not Supplied - Holocene
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	GFSDD	Glaciofluvial Sheet Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	MBD	Marine Beach Deposits	Sand and Gravel	Not Supplied - Quaternary
	TUFA	Tufa	Tufa, Calcareous	Not Supplied - Quaternary

## Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	LVN	Lavernock Shales Member	Mudstone	Not Supplied - Hettangian
	PO	Porthkerry Member	Limestone and Mudstone, Interbedded	Not Supplied - Hettangian
	PNG	Penarth Group	Mudstone and Limestone, Interbedded	Not Supplied - Rhaetian
	STM	St Mary's Well Bay Member	Limestone and Mudstone, Interbedded	Not Supplied - Rhaetian
	BAN	Blue Anchor Formation	Mudstone	Not Supplied - Norian
	MMG	Mercia Mudstone Group	Mudstone	Not Supplied - Early Triassic
		Faults		



## Geology 1:50,000 Maps

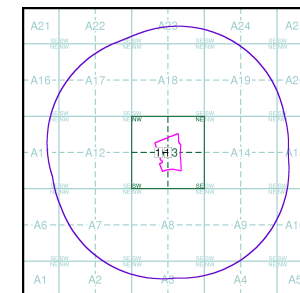
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published 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:	263
Map Name:	Cardiff
Map Date:	1988
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:

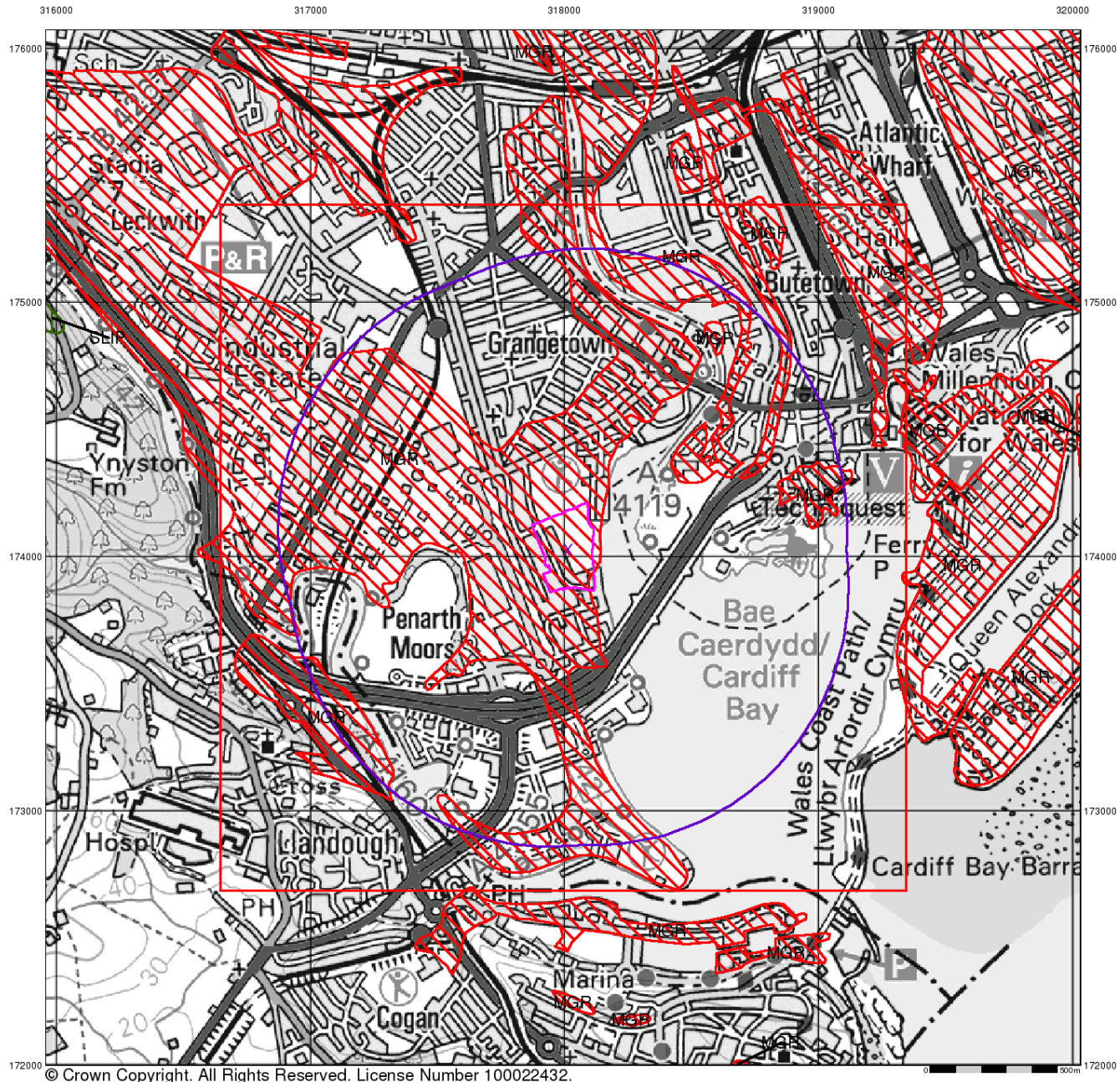
Order Number:	240915480_1_1
Customer Reference:	16017 Channel View
National Grid Reference:	318010, 174030
Slice:	A
Site Area (Ha):	6.01
Search Buffer (m):	1000

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### Artificial Ground and Landslip

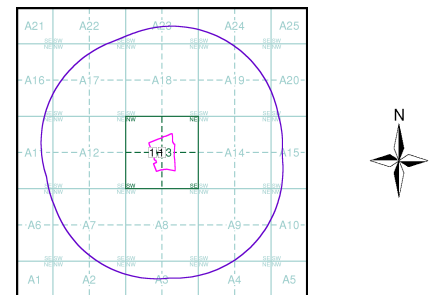
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

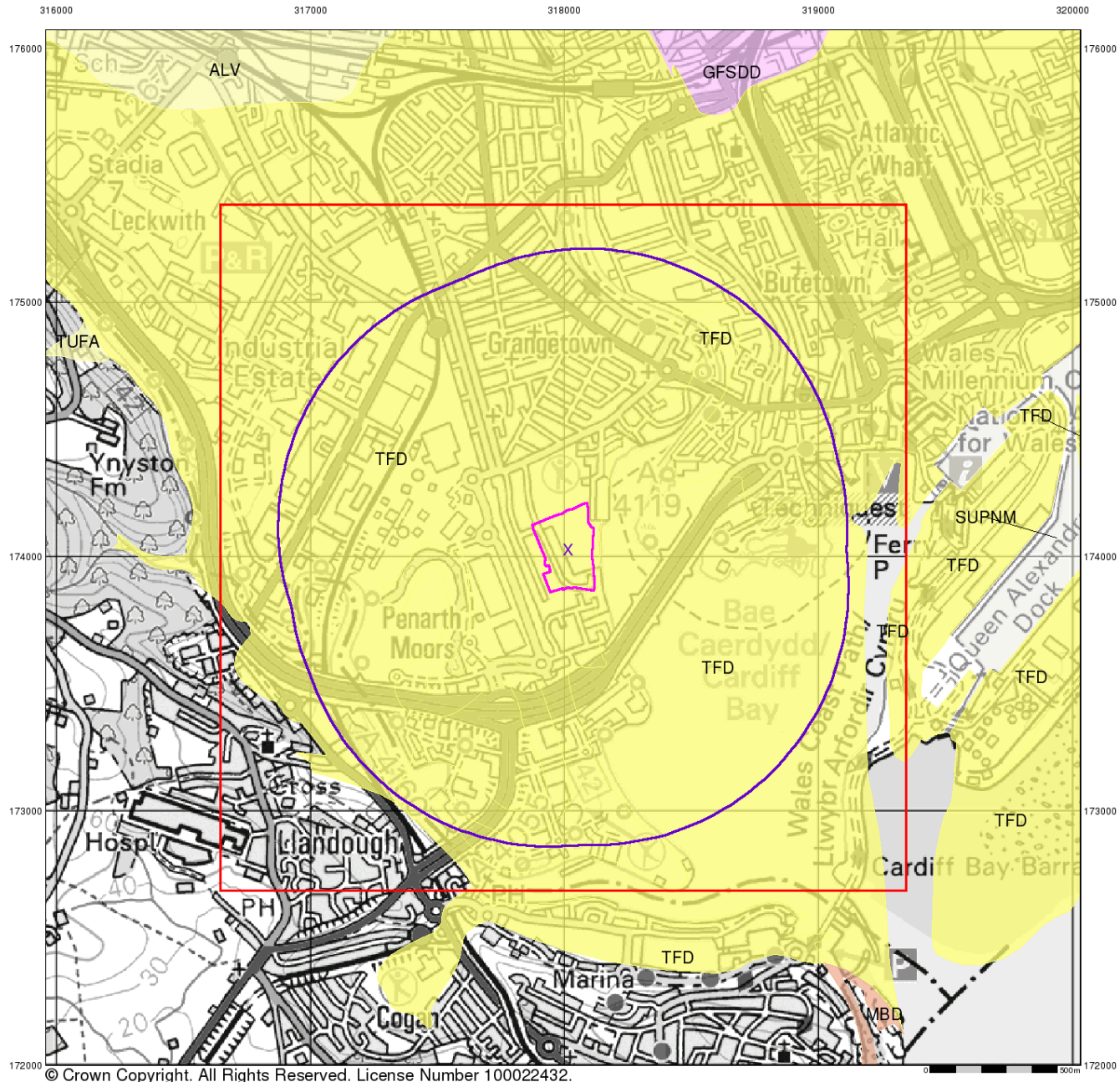
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 Customer Reference: 16017 Channel View  
 National Grid Reference: 318010, 174030  
 Slice: A  
 Site Area (Ha): 6.01  
 Search Buffer (m): 1000

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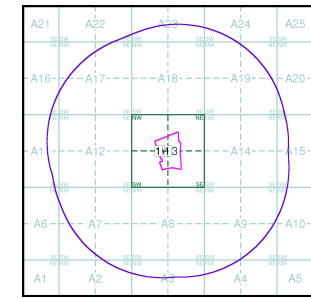
**Superficial Geology**

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:**

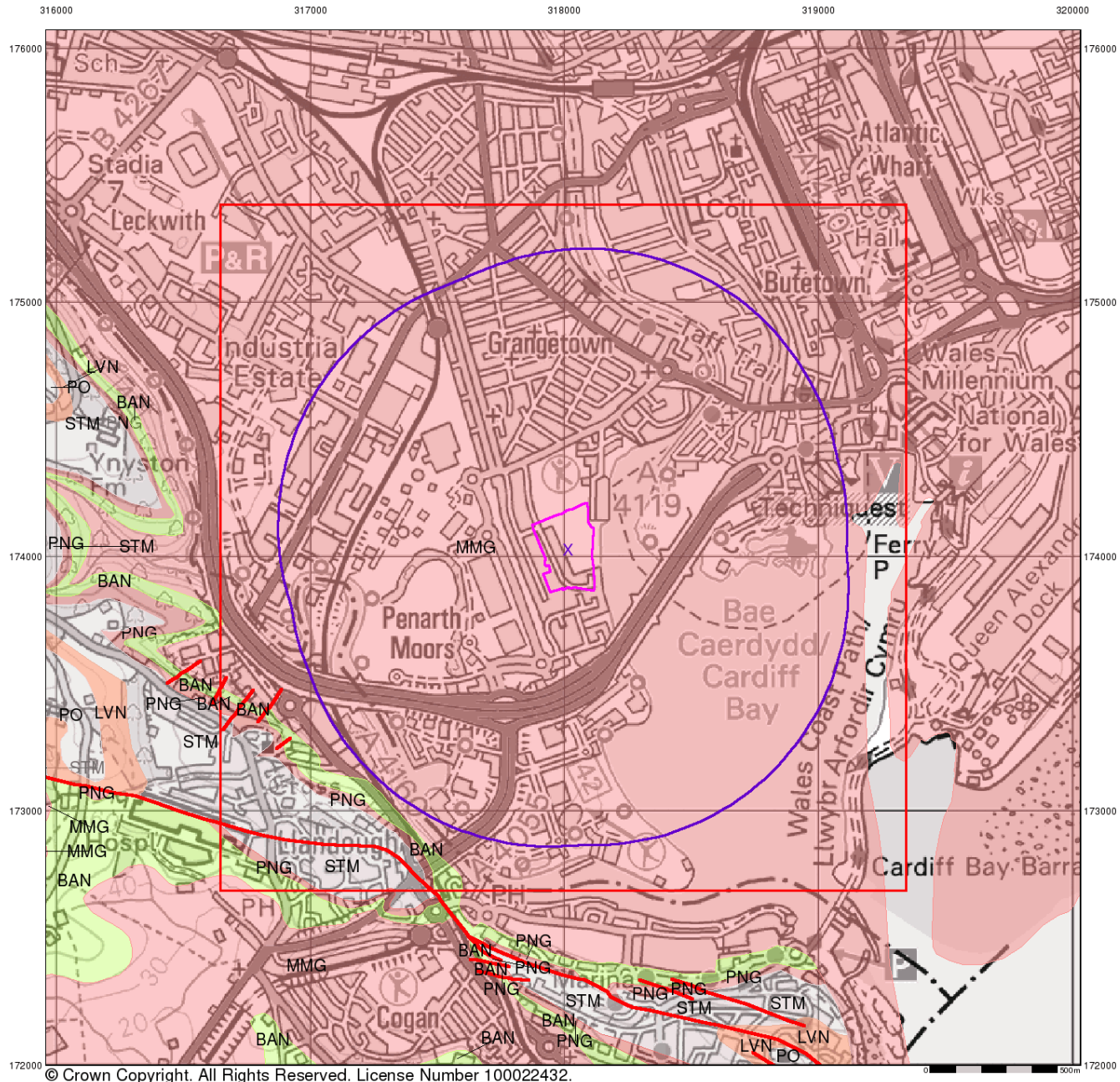
Order Number: 240915480\_1\_1  
 Customer Reference: 16017 Channel View  
 National Grid Reference: 318010, 174030  
 Slice: A  
 Site Area (Ha): 6.01  
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### Bedrock and Faults

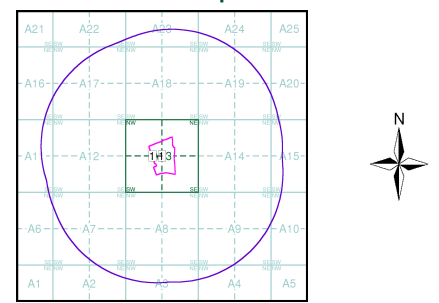
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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:

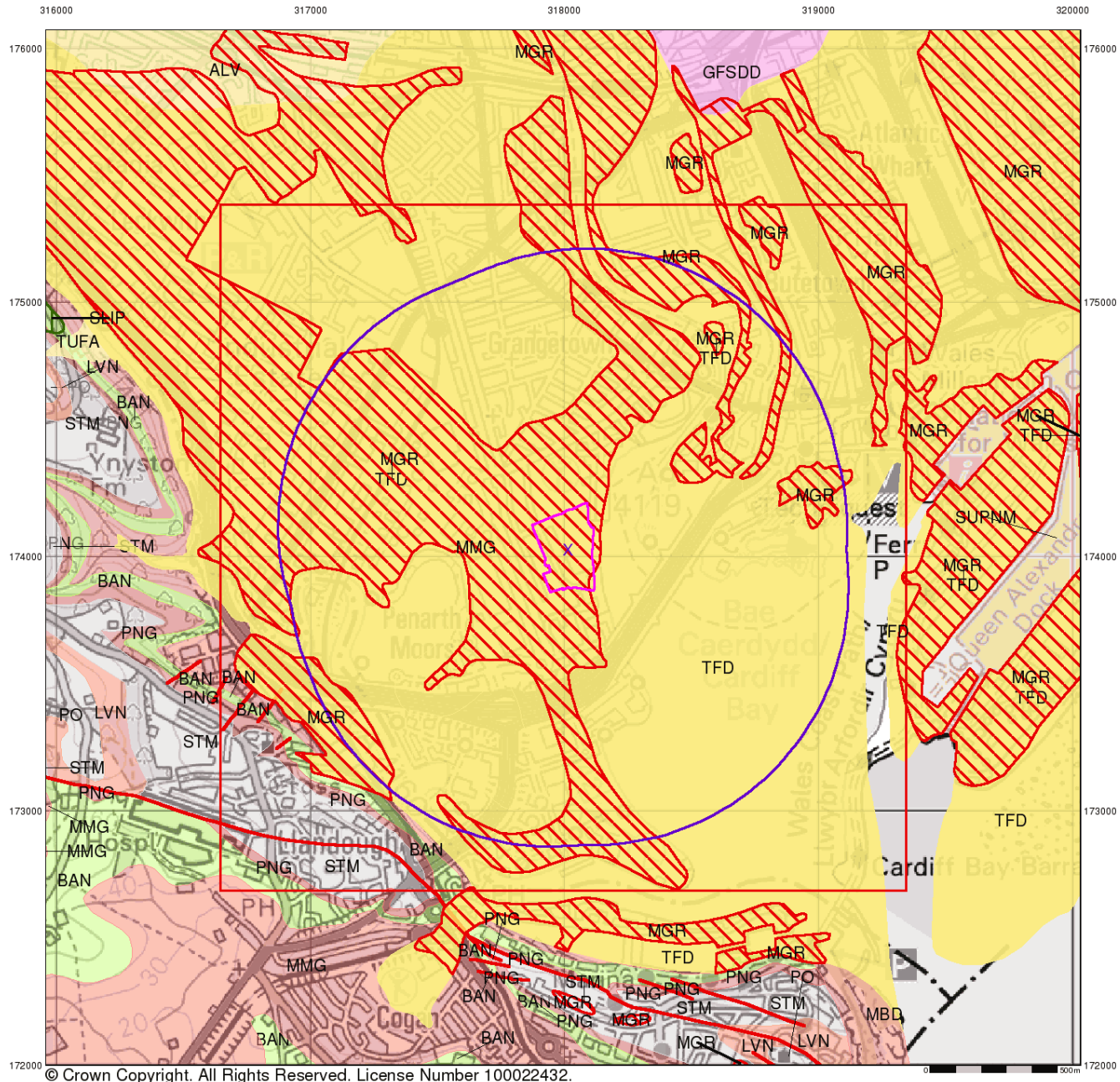
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 Site Area (Ha): 6.01  
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**Combined Surface Geology**

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.

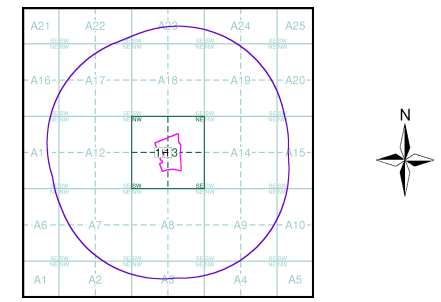
**Additional Information**

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: 240915480\_1\_1  
 Customer Reference: 16017 Channel View  
 National Grid Reference: 318010, 174030  
 Slice: A  
 Site Area (Ha): 6.01  
 Search Buffer (m): 1000

**Site Details:**

, 125, Channel View Road, Cardiff, CF11 7HX



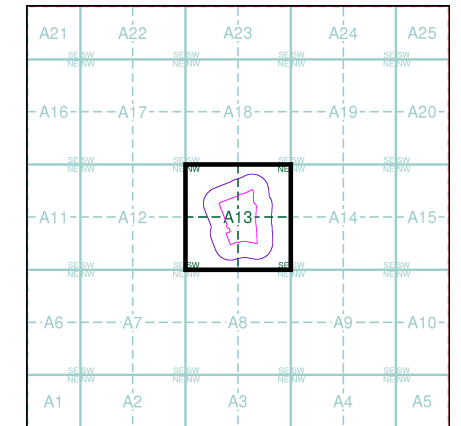
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General

- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point
  - Map ID
  - Several of Type at Location
  - Pylon
  - Overhead Transmission Line
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
  - Contaminated Land Register Entry or Notice
  - Discharge Consent
  - Enforcement or Prohibition Notice
  - Integrated Pollution Control
  - Integrated Pollution Prevention Control
  - Local Authority Integrated Pollution Prevention and Control
  - Local Authority Pollution Prevention and Control 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

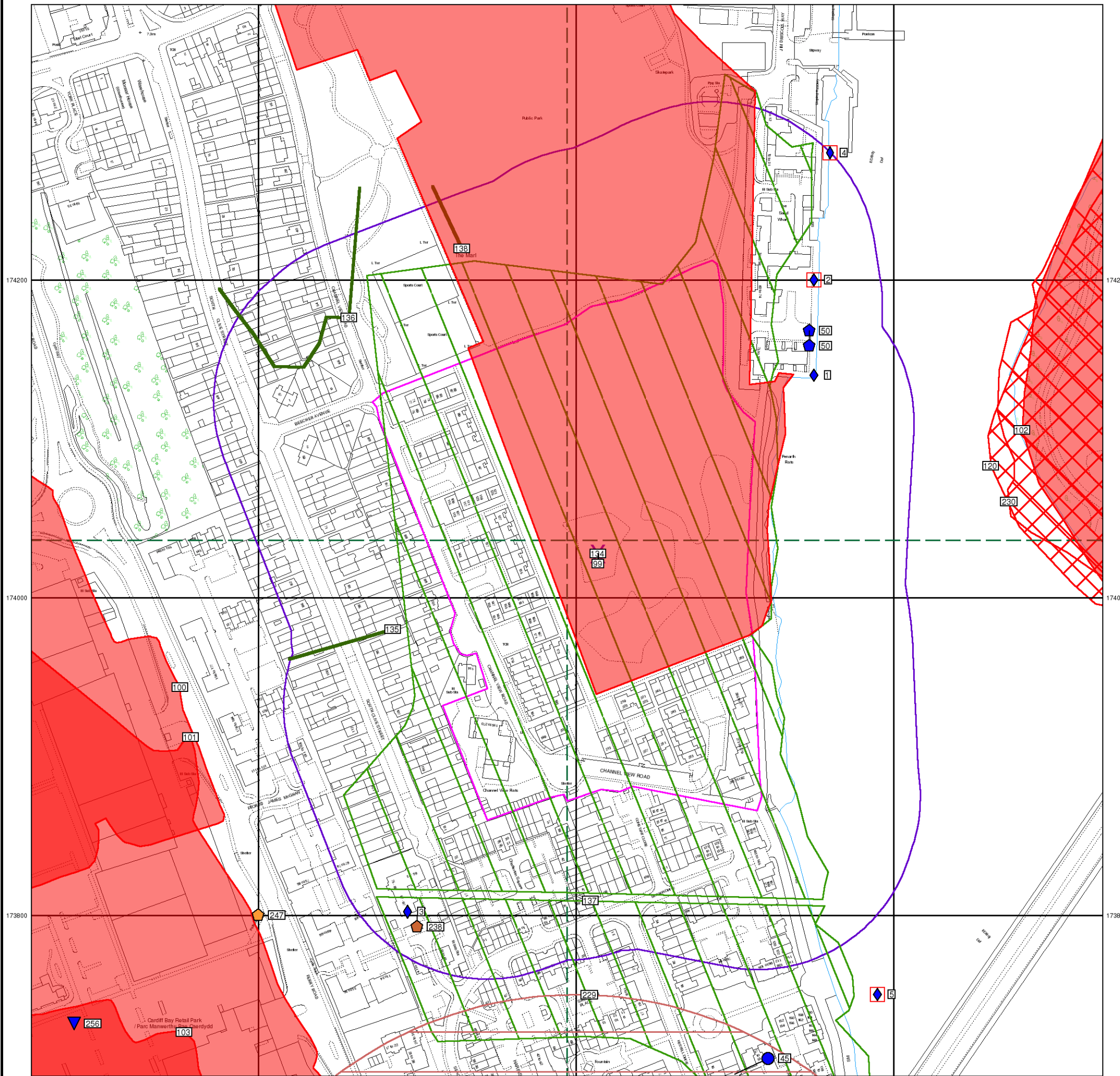
Order Number: 240915480\_1\_1  
 Customer Ref: 16017 Channel View  
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 Slice: A  
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 Plot Buffer (m): 100

Site Details

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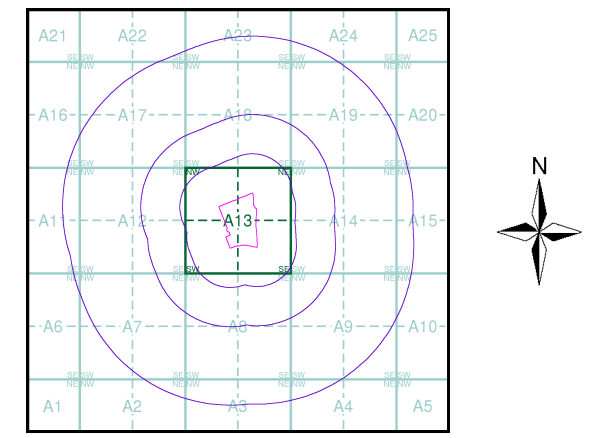


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- General**
- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point
  - Map ID
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
  - Discharge Consent
  - Enforcement or Prohibition Notice
  - Integrated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

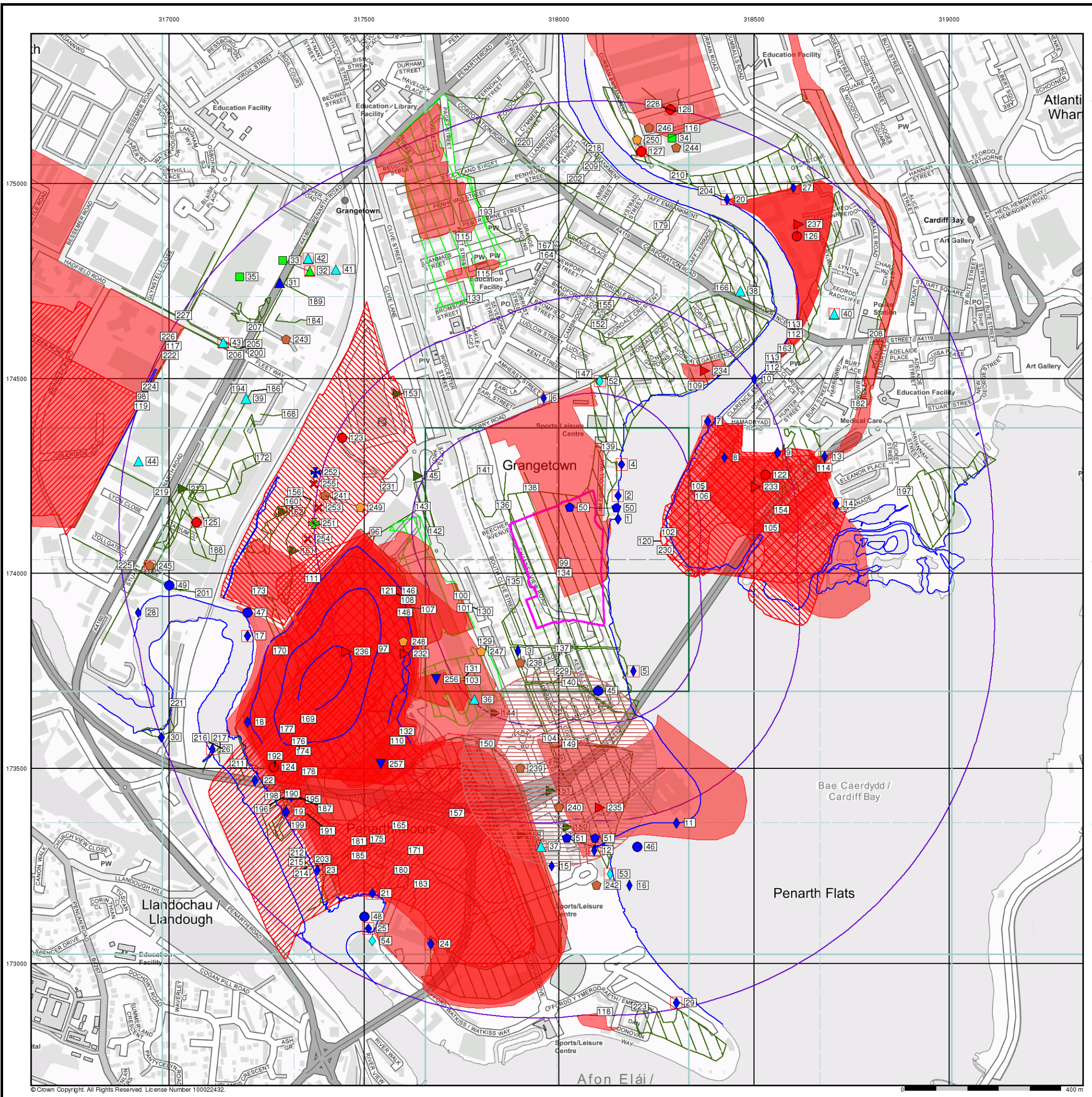
**Site Sensitivity Map - Slice A**



**Order Details**

Order Number: 240915480\_1\_1  
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