

REPORT 2

BESPOKE ENVIRONMENTAL PERMIT APPLICATION SITE CONDITION REPORT

**King's Dock
Swansea**

Commissioned by
Glass Tech Recycling Ltd
Unit 10
Tank Farm Road
Llandarcy
Neath
SA10 6EN

Prepared by
Geotechnology Ltd
Ty Coed
Cefn-yr-Allt
Aberdulais
Neath
SA10 8HE

Table of Contents

1	INTRODUCTION	1
1.1	Scope of Report	1
1.2	Report Limitations	1
2	LAND CONDITION AT APPLICATION STAGE	2
2.1	Information Sources	2
2.2	Current Site Use and Access	2
2.3	Current Surrounding Land Use	2
2.4	Environmental Setting	2
2.4.1	Superficial Deposits and Geology	2
2.4.2	Historical Mining	3
2.4.3	Surface Water	3
2.4.4	Flood Potential	3
2.4.5	Hydrogeology	3
2.4.6	Sensitive Land Uses	4
2.4.7	Air Quality	5
2.5	Historical Land Use	5
2.6	Environmental Searches	5
2.6.1	Registered Waste transfer/Landfill Sites	5
2.6.2	Waste Management Facilities	5
2.6.3	Radioactive Sources	6
2.6.4	Hazardous Substances	6
2.6.5	Control of Major Accident Hazards Sites (COMAH)	6
2.6.6	Contemporary Trade Entries	6
2.6.7	Fuel Station Entries	6
2.6.8	Discharge Consents to Controlled Waters	6
2.6.9	Integrated Pollution Controls	6
2.6.10	Integrated Pollution Prevention and Controls	6
2.6.11	Local Authority Pollution Prevention and Controls	6
2.6.12	Pollution Incidents	6
2.6.13	Abstractions	7
3	LAND CONTAMINATION AT APPLICATION STAGE	8
3.1	Historical Contamination Potential	8
3.2	Operational Pollution Controls	8
4	CHANGES TO THE ACTIVITIES	9
5	MEASURES TAKEN TO PROTECT LAND	10
6	POLLUTION INCIDENTS	11
7	ON-GOING MONITORING RESULTS	12
8	DECOMMISSIONING AND REMOVAL OF POLLUTION RISK	13
9	REFERENCE DATA AND REMEDIATION	14

List of Tables

Table 1-1 Application Details	1
Table 2-1 Geological Hazards identified in Envirocheck Report	3

List of Appendices

Appendix 1	Site Plans and Aerial Photograph
Appendix 2	Geological Plans
Appendix 3	Coal Authority Report
Appendix 4	Historical Ordnance Survey Maps
Appendix 5	Site Sensitivity Maps
Appendix 6	Envirocheck Report Datasheet
Appendix 7	Photographic Record of Site Conditions

1 INTRODUCTION

1.1 Scope of Report

Geotechnology has been commissioned by Glass Tech Recycling Limited (Glass Tech) to prepare a Site Condition Report (SCR). The SCR is required as part of a bespoke Environmental Permit application being made to Natural Resources Wales (NRW) for a proposed waste management facility at Zone 2, Kenfig Industrial Estate. The details of the application are summarised in Table 1-1 and the site location outlined on several plans and an aerial photograph provided in Appendix 1.

Table 1-1 Application Details

Name of the Applicant	Glass Tech Recycling Limited
Activity Address	Roberts Road King's Dock Swansea SA1 8RU
National Grid Reference	E 266878 N 192496
Max Proposed Waste Throughput	325,000tonnes
Max Proposed Storage Capacity (Infeed and Output Waste)	4,550 tonnes
Max Proposed Storage Capacity (Finished Product)	10,365 tonnes

The objective of the SCR is to establish the potential current extent of any historical contamination at the site. At this stage, the SCR is based on a review of published information and a site walkover. This stage is aimed at documenting the site history, identifying potential contaminative uses and providing a framework and justification for future intrusive site investigation and sampling.

1.2 Report Limitations

This report relies upon information supplied by third parties. Geotechnology has had no input to the development of this information and therefore cannot confirm its accuracy.

2 LAND CONDITION AT APPLICATION STAGE

2.1 Information Sources

To assist with the collation of baseline information relating to the site, an electronic Envirocheck report has been purchased from the Landmark Information Group. The Envirocheck Report brings together and summarises available environmental information and digital mapping. For the purposes of the SCR report the search area encompassed by the Envirocheck report has been limited to a 1km radius from the centre of the site.

Within this SCR, the information provided by Envirocheck is presented in the following Appendices:

- Appendix 1 Site Plans and Aerial Photograph
- Appendix 2 Geological Plans
- Appendix 3 Ground Stability and Mining
- Appendix 4 Historical Ordnance Survey Maps
- Appendix 5 Site Sensitivity Maps
- Appendix 6 Envirocheck Report Datasheet

In addition, Appendix 7 contains a photographic record of site conditions.

2.2 Current Site Use and Access

The site is located directly adjacent to King's Dock, Swansea. Its' location is clearly shown on site plans and the aerial photograph provided in Appendix 1. The site currently comprises two vacant warehouses used historically for the storage of good before onward movement by boat from the adjacent quayside. Both warehouses are in good condition with one only approximately 5 years old. Both warehouses benefit from vacant use, concrete hardstanding and secure boundaries.

2.3 Current Surrounding Land Use

The site is located in Swansea Docks and is surrounded by King's dock to the east, Port offices to the south, Ferry terminal to the west and Prince of Wales Docks to the north.

The nearest residential dwelling to the site is some 350m west of the site.

2.4 Environmental Setting

2.4.1 Superficial Deposits and Geology

Examination of geological plans in Appendix 2 shows the site to be underlain by beach deposits overlying bedrock belonging to the Middle Coal Measures, Carboniferous in age. To construct the docks the ground has been made up, so the site is immediately underlain by made ground.

The area to the north of the site is indicated to lie within a fault bounded block between the Swansea Valley Fault to the west and the Pwll Mawr Fault to the east. The proven east-west trending Tormynydd coal seam crops some 800m north of the site which is shown to have been accessed via an adit. The strata in this area are dipping northwards at around 40° and

the area to the north of this seam exhibits many coal seams, several of which are known to have been worked.

South of the Tormyndd coal seam and in the vicinity of the site there is very little information shown on the Geological Sheet with regard to the solid geology and mining. It is considered unlikely, however, that coal mining would have taken place beneath the site due to accessibility constraints, the large thicknesses of superficial cover and the historical site use as a port facility.

Table 2-1 highlights findings related to geological factors identified in the Envirocheck report that may have a potential impact upon the engineering of the proposed waste facility.

Table 2-1 Geological Hazards identified in Envirocheck Report

Potential Hazard	Recorded Risk
	On-Site
Compressible Ground Stability	No Hazard / Very Low
Landslide Ground Stability	Very Low / Low
Potential for Running Sand	Very Low / No Hazard
Potential for Shrinking and Swelling Clay	No Hazard / Very Low

2.4.2 Historical Mining

Given the depth of the coal seams and superficial cover and the location of the site within a docks, Geotechnology suspects that the site is not in the likely zone of influence of any underground mining.

2.4.3 Surface Water

The site lies between the catchments of the River Tawe to the west and the River Neath to the east. The site is southwest of Crymlyn Bog.

The Port Tennant Canal which traverses east-northeast to west-southwest terminates some 1km northeast of the site.

There are no River Quality Biology or Chemistry Sampling points within either of the above watercourses within 1km of the site although the River Quality in the Port Tennant Canal over 1km northeast of the site was recorded as GQA River Quality E in 2000.

2.4.4 Flood Potential

Examination of the Envirocheck report and the Environment Agency Website shows the site to lie within Flood Zone 2 which means that the site is at risk of Extreme Flooding from Rivers or Sea without Defences.

2.4.5 Hydrogeology

The Agency has defined Source Protection Zones (SPZs) for 2000 groundwater sources such as wells, boreholes and springs used for public drinking water supply. These zones show the risk of contamination from any activities that might cause pollution in the area. The closer the activity, the greater the risk. The maps on the Agency website include three main zones (inner, outer and total catchment). The Agency use the zones in conjunction with their Groundwater Protection Policy to set up pollution prevention measures in areas which are at

a higher risk, and to monitor the activities of potential polluters nearby. The zones established are as follows:

- Zone 1 (Inner protection zone) - Any pollution that can travel to the borehole within 50 days from any point within the zone is classified as being inside zone 1.
- Zone 2 (Outer protection zone) - The outer zone covers pollution that takes up to 400 days to travel to the borehole, or 25% of the total catchment area – whichever area is the biggest. This travel time is the minimum amount of time that the Agency think pollutants need to be diluted, reduced in strength or delayed by the time they reach the borehole.
- Zone 3 (Total catchment) - this is the total catchment needed to support removal of water from the borehole, and to support any discharge from the borehole.

According to the Environment agency website and the Envirocheck Report the site is not located in any of the above zones.

The site is located in the Western Wales River Basin. Locally, the EA refers to the groundwater body as the Swansea Carboniferous Coal Measures (Waterbody ID GB41002G201000).

The area within which the site is located is considered to have poor groundwater quality and to be a minor aquifer. Unlike principal aquifers which offer significant groundwater resources and which need to be managed through abstraction licensing within a Catchment Abstraction Management Strategy (CAMS), minor aquifers also have significant resources but with hydraulic properties which limit over-exploitation. Minor secondary aquifers would not normally warrant special consideration for CAMS but may still support important abstractions and dependent ecosystems which may be subject to risks associated with pollution pressures.

On the basis of available geological records, and without site specific information, the Envirocheck vulnerability map indicates that the site soils overlying the aquifer beneath the site are classified as having a high leaching potential. Soils of high leaching potential are soils that readily transmit liquid discharges because they are either shallow or susceptible to rapid by-pass flow directly to rock, gravel or groundwater.

According to the Envirocheck report there are 4 water abstractions within 1km of the site. These are all located at JW Aquaculture Ltd. some 797m southwest of the site. Full details of all the abstractions can be seen on the Envirocheck data sheets in Appendix 5 of this report.

Groundwater beneath the site is likely to exist within the coal measures bedrock. This groundwater may be in continuity with groundwater that may exist within the overlying superficial deposits, although this will depend upon local geological controls. Given the proximity of Swansea Bay to the south, it is likely that a component of tidal influence will affect the groundwater flow beneath the site.

2.4.6 Sensitive Land Uses

According to the Protected Sites and Landscapes map on the CCW website and the Sensitive Land Uses map in the Envirocheck Report, there are no sensitive ecological land uses within 1000m of the site.

Beyond this distance is Crymlyn Bog Site of Special Scientific Interest (SSSI Ref: 47433wwp) which is some 1500m northeast of the centre of the site. The SSSI is designated on the basis of its biological significance. Crymlyn Bog is also classified as a Ramsar Site and a Special Area of Conservation.

2.4.7 Air Quality

The site is not within an Air Quality Management Area.

2.5 Historical Land Use

Examination has been made of old Ordnance Survey plans which cover the site area and which are included in Appendix 4 of this report. Specifically, they include the old Glamorganshire 1:10,560 scale and 1:2,500 scale series dating from 1884 to 1975 and more recent National Grid and 10k Raster Mapping Series at 1:2,500 and 1:10,000 scale respectively.

The site history is relatively straightforward as the site has been recorded as docks from as early as 1921 and given its quayside location, the site has been used as warehouses for the storage of a wide range of goods over many years. Prior to this time, the site was on the shingle beach just off the Swansea coastline and earlier works associated with the Port Tennant Works and East Pier (1884). To aid transport of materials from the warehouse to the boats in the adjacent Kings's Dock, a railway line was constructed along the quayside in 1921. This remains today and is used by travelling cranes.

Given its location within the Docks, the surrounding area has been largely industrial until the 1970s when residential development commenced to the east. The historical works that occurred in the surrounding area included an Arsenic Works, Spelter Works, Wagon Works and Crymlyn Chemical Works, all of which were located to the northeast of the site.

The site layout does not appear to have significantly changed for several decades apart from the renewal of one of the warehouses within the footprint of the previous warehouse.

2.6 Environmental Searches

This section summarises and draws attention to the results of environmental searches reported in the Envirocheck report. The reader is advised to refer to Appendix 6 for a complete listing of this information in addition to reading this section.

2.6.1 Registered Waste transfer/Landfill Sites

There is one landfill some 800m northwest in the former Cambrian Dry Dock. Further details are provided in Appendix 6.

2.6.2 Waste Management Facilities

According to the Envirocheck Report, the site has been previously used for waste transfer with several transfer stations recorded at the site, although these Permits now appear to be surrendered.

Beyond the immediate site boundary there are numerous other waste transfer operations as detailed in Appendix 6.

2.6.3 Radioactive Sources

There are no Radioactive Source Authorisations issued within 1km of the site.

2.6.4 Hazardous Substances

There is one notification of Installations Handling Hazardous Substances 783m west of the site. It is unclear if this is still active.

2.6.5 Control of Major Accident Hazards Sites (COMAH)

There are no COMAH sites within 1km of the site.

2.6.6 Contemporary Trade Entries

There are over 40 contemporary trade entries located within 1km of the site. A full directory of these is included on pages 67 to 73 in Appendix 6 where their classification and status (inactive or active) is listed.

2.6.7 Fuel Station Entries

There are no fuel station entries within 500m of the site.

2.6.8 Discharge Consents to Controlled Waters

The site has also previously benefited from discharge consents but these have now expired.

Beyond the site boundary there are numerous activities with associated discharge consents, as detailed in Appendix 6.

2.6.9 Integrated Pollution Controls

There are several Integrated Pollution Controls within 1km of the site, the nearest being some 400m south at Swansea Dry Docks. These are now understood to be Environmental Permits.

2.6.10 Integrated Pollution Prevention and Controls

There is one site with a recorded Integrated Pollution, Prevention and Controls Permit 580m northeast of site. This appears to have been superseded by Variation and is held by Neath Port Talbot Recycling Ltd hazardous waste incineration.

2.6.11 Local Authority Pollution Prevention and Controls

There are numerous Local Authority Pollution Prevention and Controls over 400m from the centre of the site. These are detailed in Appendix 6.

2.6.12 Pollution Incidents

According to the Envirocheck report there has been no on-site pollution incidents but many incidents beyond 250m of the site centre. These appear to primarily include Category 3 Minor incidents related to oil and sewage although there are several Category 2 incidents

and at least one Category 1 incident within 1000m. further limited details are provided in Appendix 6.

2.6.13 Abstractions

There are no on-site water abstractions but beyond 390m of the site centre there are several abstractions, although it is unclear if these are still active.

3 LAND CONTAMINATION AT APPLICATION STAGE

3.1 Historical Contamination Potential

The site is located on dockland within the Port of the Swansea and has probably been used for storing and handling a wide range of goods. Examination of the historical plans has shown the site was previously occupied by a Tin Plate warehouse. Many other heavy industries were also historically found in close proximity to the site including Arsenic works, Spelter works and Chemical works.

The extent and scale of the historical industrialisation at the site and in the surrounding area took place at a time when there were very few environmental controls in place relative to current practices. Therefore, Geotechnology considers that there is a potential for land contamination at the site. There is also the possibility that groundwater below the site may also have been impacted by the historical industrial activities.

Based on the known previous land uses, Geotechnology suspects that the made ground at the site may be impacted by a range of metals, inorganic chemicals, asbestos, hydrocarbons and volatile and semi volatile compounds.

3.2 Operational Pollution Controls

Operation of the waste management facility requires careful and prudent control of sources that may give rise to pollution and also site drainage in accordance with the Permit. Throughout the operation of the site, the performance of the pollution control measures will need to be monitored and documented.

The scope of the Permit sought and the control measures that will be implemented will limit the potential risks posed to the environment. Implementation of the operational control measures will significantly reduce the risk to the environment by preventing potential exposure pathways developing.

4 CHANGES TO THE ACTIVITIES

Glass Tech will review and update the Site Condition Report should any changes to the site activities be made during operations.

5 MEASURES TAKEN TO PROTECT LAND

Glass Tech will review and update this Site Condition Report to ensure all measures taken during the operational life of the site to protect environmental impact are documented.

6 POLLUTION INCIDENTS

Glass Tech will review and update this Site Condition Report to ensure that any pollution incident measures are recorded and documented.

7 ON-GOING MONITORING RESULTS

Glass Tech will ensure that any monitoring results are recorded and documented during the operations.

8 DECOMMISSIONING AND REMOVAL OF POLLUTION RISK

Glass Tech will review and update this Site Condition Report to ensure all measures taken during decommissioning are documented.

9 REFERENCE DATA AND REMEDIATION

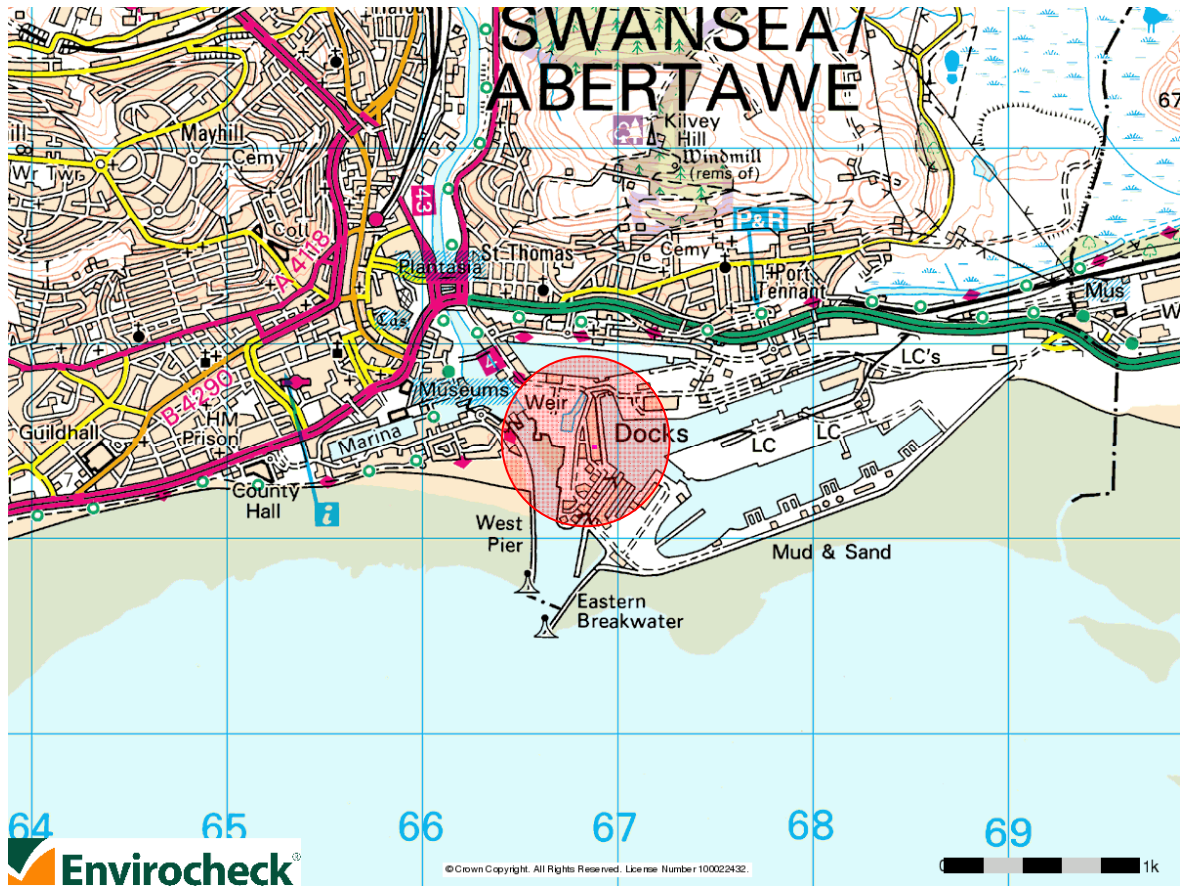
Glass Tech will review and update this Site Condition Report to ensure that all reference data relating to any potential future remediation is documented.

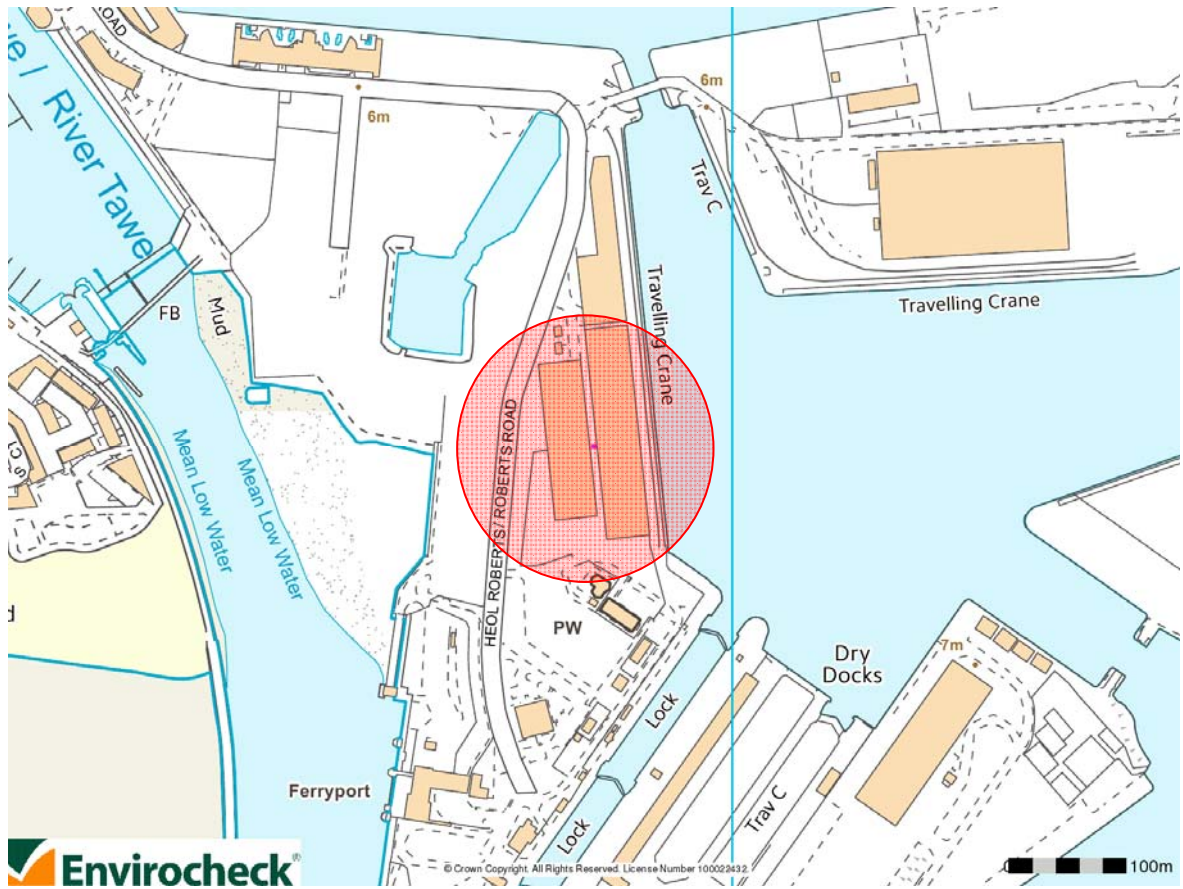
REPORT 2

BESPOKE ENVIRONMENTAL PERMIT APPLICATION SITE CONDITION REPORT

**King's Dock
Swansea**

**Appendix 1
Site Plans and
Aerial Photograph**









REPORT 2





BESPOKE ENVIRONMENTAL PERMIT APPLICATION SITE CONDITION REPORT

**King's Dock
Swansea**








**Appendix 2
Geological Plans**

Geology 1:10,000 Maps Legends








Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	MGR	Made Ground (Undivided)	Artificial Deposit	Holocene - Holocene
	WMGR	Infilled Ground	Artificial Deposit	Holocene - Holocene
	LSGR	Landscaped Ground (Undivided)	Unknown/Unclassified Entry	Holocene - Holocene
	WGR	Worked Ground (Undivided)	Void	Holocene - Holocene

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	SUPNM	Superficial Theme Not Mapped [For Digital Map Use Only]	Unknown/Unclassified Entry	Not Supplied - Not Supplied
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Flandrian - Pleistocene
	BCHD	Beach Deposits	Clay, Silt and Sand	Holocene - Saalian
	BCHD	Beach Deposits	Clay, Silt and Sand	Holocene - Saalian
	TILLD	Till, Devensian	Diamicton	Devensian - Ipswichian
	GFDUD	Glaciofluvial Deposits, Devensian	Sand and Gravel	Devensian - Ipswichian
	BSA	Blown Sand	Sand	Quaternary - Ryazanian
	PEAT	Peat	Peat [Unlithified Deposits Coding Scheme]	Quaternary - Ryazanian

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	BD	Brithdir Member	Sandstone	Westphalian D - Westphalian D
	SWUCM	South Wales Upper Coal Measures Formation	Mudstone, Siltstone and Sandstone	Westphalian D - Bolsovian
	SWUCM	South Wales Upper Coal Measures Formation	Mudstone, Siltstone and Sandstone	Westphalian D - Bolsovian
	LLFB	Llynfi Member	Sandstone	Bolsovian - Bolsovian
	LLFB	Llynfi Member	Mudstone, Siltstone and Sandstone	Bolsovian - Bolsovian
	RA	Rhondda Member	Mudstone, Siltstone and Sandstone	Westphalian D - Bolsovian
	RA	Rhondda Member	Sandstone	Westphalian D - Bolsovian
	SWMCM	South Wales Middle Coal Measures Formation	Mudstone, Siltstone and Sandstone	Bolsovian - Duckmantian
	Fault			
	Rock			

Geology 1:10,000 Maps

This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:10,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around a site. This mapping may be more up to date than previously published paper maps.

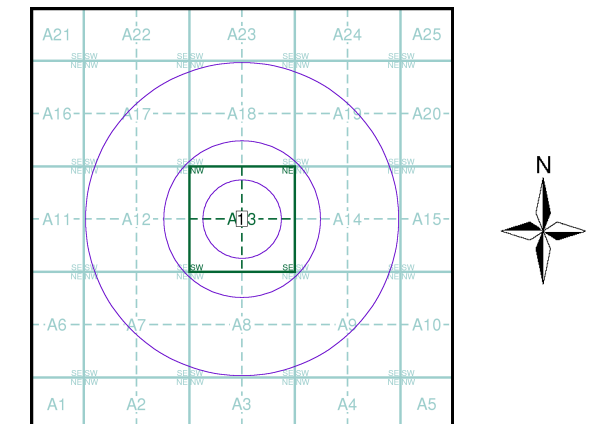
The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page.

Please Note: Not all of the layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:10,000 Maps Coverage

Map ID:	1
Map Name:	SS69SE
Map Date:	1965
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Available
Faults:	Available
Landslip:	Not Available
Rock Segments:	Available

Geology 1:10,000 Maps - Slice A



Order Details

Order Number:	62880715_1_1
Customer Ref:	1422
National Grid Reference:	266880, 192470
Slice:	A
Site Area (Ha):	0.01
Search Buffer (m):	1000

Site Details

Kings Dock, Swansea, SA1 8RU

Artificial Ground and Landslip

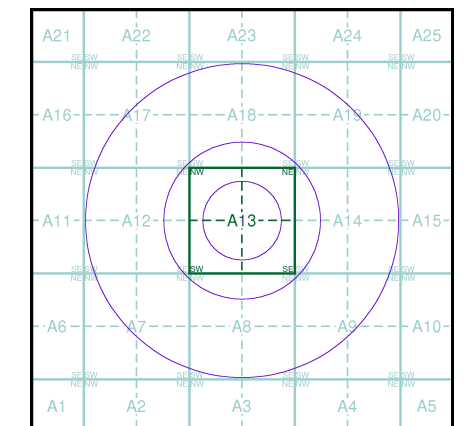
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

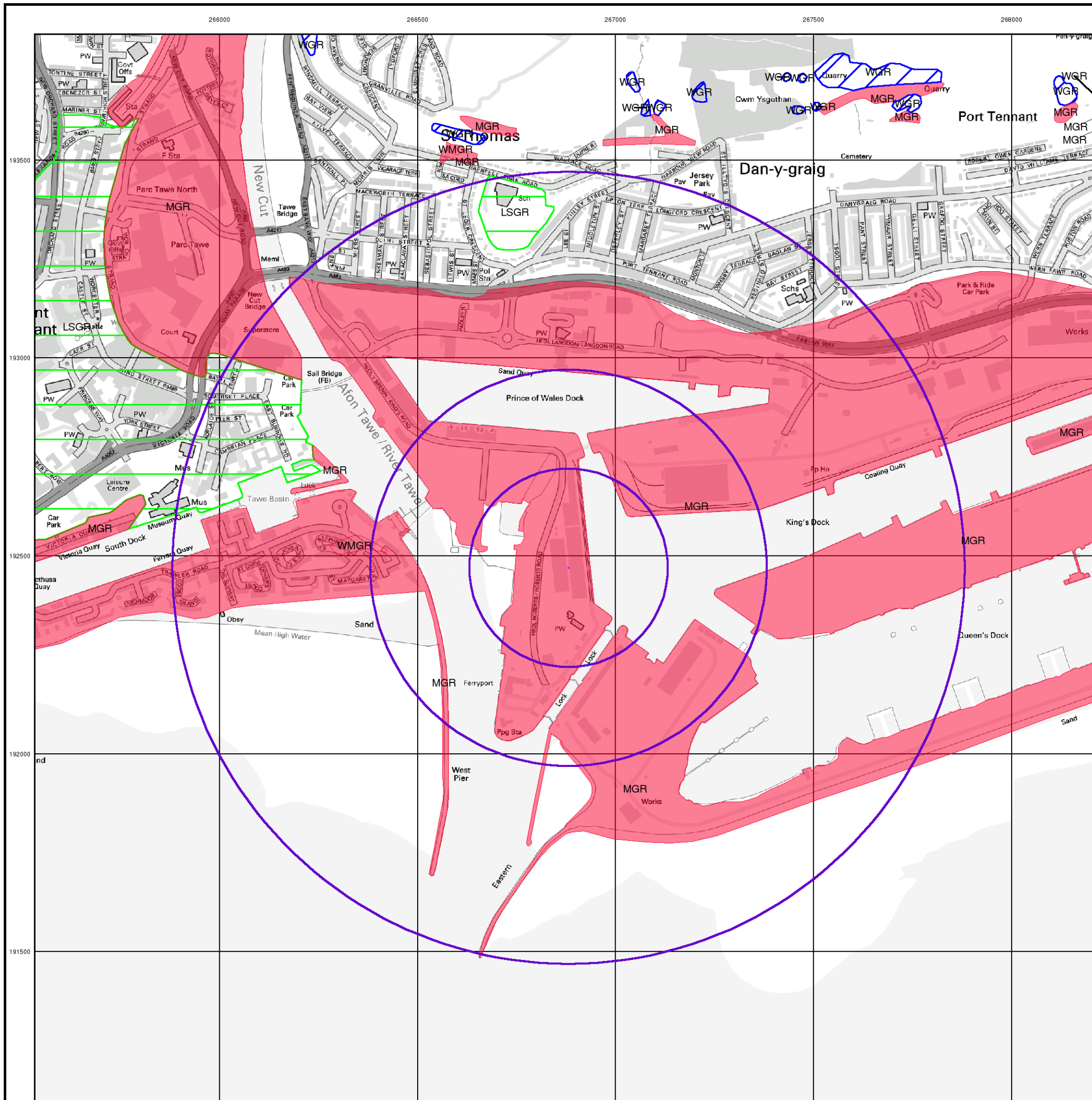


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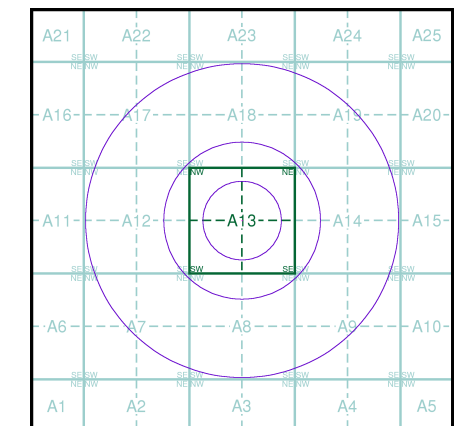
Superficial Geology

BGS 1:10,000 Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, 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

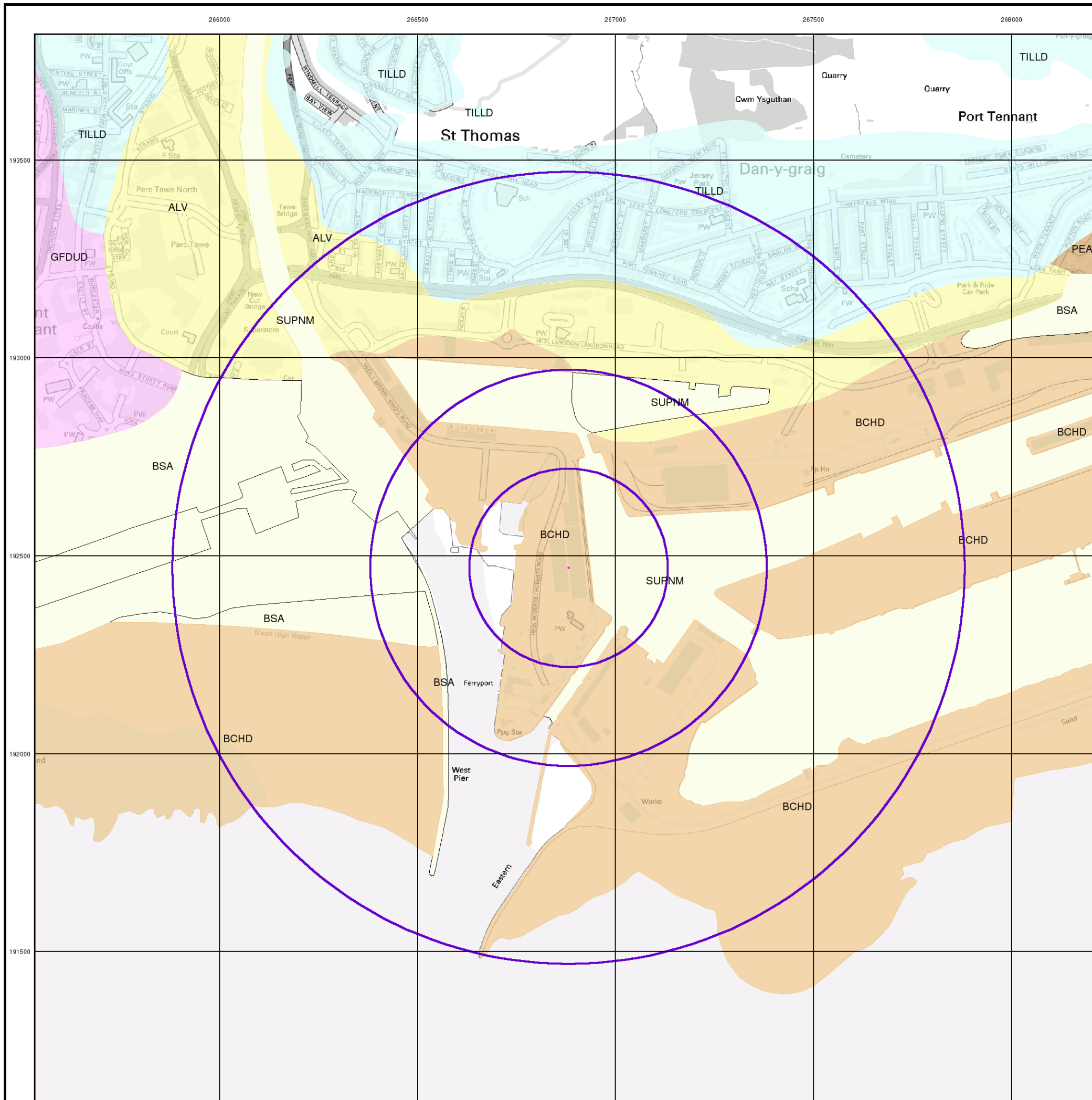


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Site Details

Kings Dock, Swansea, SA1 8RU



Bedrock and Faults

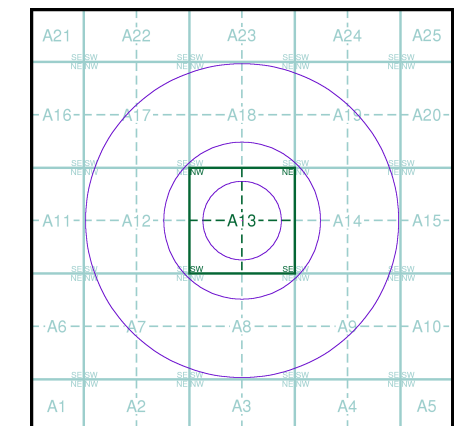
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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 and thin beds mapped as lines such as coal seams and mineral veins. These are not restricted by age and could relate to features of any of the 1:10,000 geology datasets.

Bedrock and Faults Map - Slice A

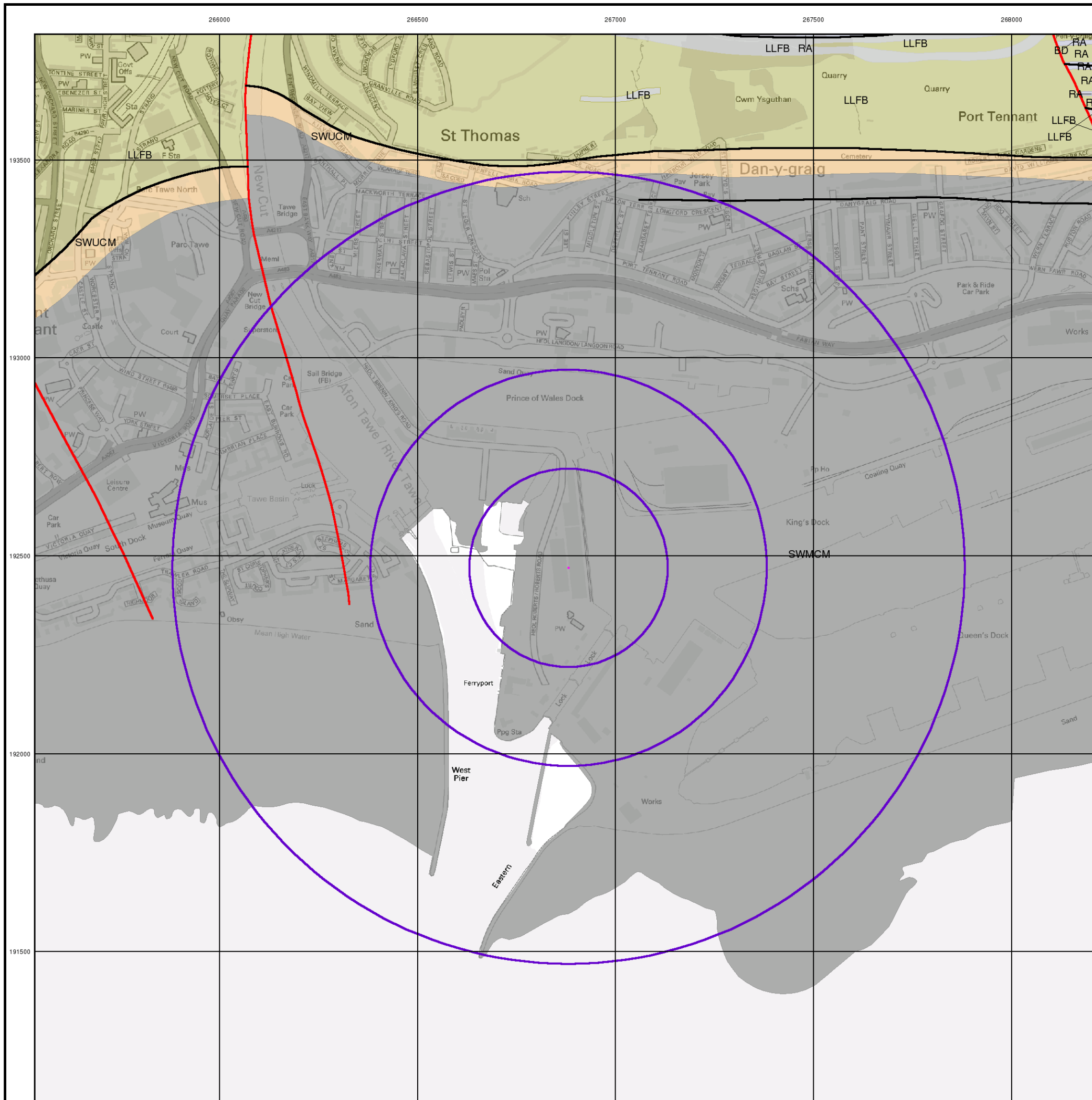


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 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Kings Dock, Swansea, SA1 8RU



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.

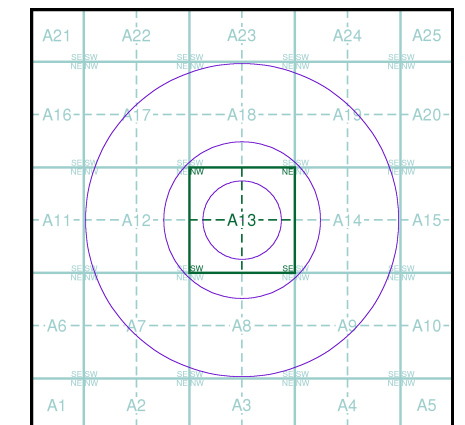
Additional Information

More information on 1:10,000 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

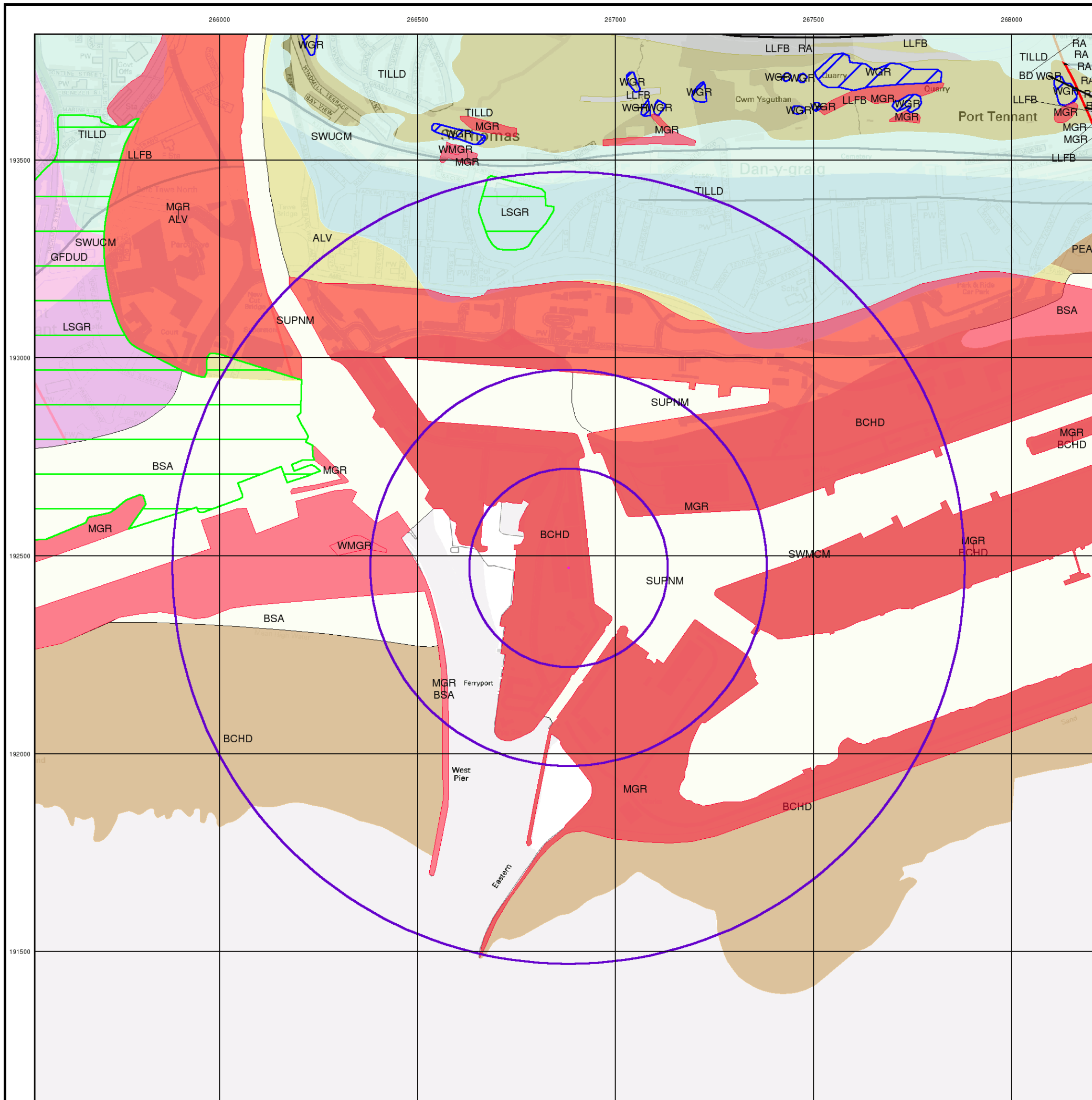


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REPORT 2

BESPOKE ENVIRONMENTAL PERMIT APPLICATION SITE CONDITION REPORT

**King's Dock
Swansea**

**Appendix 3
Coal Authority Report**

Envirocheck[®] Report:

Mining and Ground Stability Datasheet

Order Details:

Order Number:

62880715_1_1

Customer Reference:

1422

National Grid Reference:

266880, 192470

Slice:

A

Site Area (Ha):

0.01

Search Buffer (m):

1000

Site Details:

Kings Dock

Swansea

SA1 8RU

Client Details:

Mr A Jones

Geotechnology

Ty Coed

5 Cefn-Yr-Allt

Aberdulais

Neath

SA10 8HE

Report Section and Details	Page Number
Summary	-
<p>The Summary section provides an overview of the data contained within the report, detailing the number of data set features or the existence of a data set in relation to the buffer selected.</p> <p>For ease of reference, the report is broken down into 4 sections of data; Mining and Natural Cavities Data, Historical Land Use Information (1:2,500), Historical Land Use Information (1:10,000) and Ground Stability Data (1:50,000).</p>	
Mining and Natural Cavities Data	1
<p>The Mining and Natural Cavities Data section features data sets related to the existence of mining areas and their potential hazards; and details of naturally formed cavities.</p> <p>Data sets within this section are not plotted, with the exception of BGS Recorded Mineral Sites and Potential Mining Areas which feature on the Historical Land Use Information (1:10,000) map.</p>	
Historical Land Use Information (1:2,500)	2
<p>The Historical Land Use Information (1:2,500) section contains data captured from analysis carried out by Landmark of 1:1,250 and 1:2,500 scale historical Ordnance Survey mapping, identifying areas where, historically, the land uses were potentially contaminative.</p> <p>For the purpose of this Envirocheck module, only historical data relating to mining and ground stability has been included and plotted on the corresponding Historical Land Use Information (1:2,500) map. This section also includes the Subterranean Features data set, which details various man-made and man-used underground spaces obtained from the Subterranea Britannica society.</p>	
Historical Land Use Information (1:10,000)	4
<p>The Historical Land Use (1:10,000) section covers data captured from the systematic analysis carried out by Landmark of 1:10, 560 and 1:10,000 scale historical Ordnance Survey mapping dating back to the mid-19th century, identifying potentially contaminative past industrial land uses.</p> <p>For the purpose of this Envirocheck module, only data relating to mining and ground stability has been included and plotted on the accompanying Historical Land Use Information (1:10,000) map.</p>	
Ground Stability Data (1:50,000)	5
<p>The Ground Stability (1:50,000) section includes the BGS Geosure data suite, reporting features to 250m and plotted onto 3 separate maps. Also reported is brine subsidence, brine mining and salt mining data sets, of which Brine Pumping and Salt Mining Related Features are plotted, and subsidence insurance claims and insurance investigations data, which is not plotted.</p>	
Motion Map Data (1:2,500)	-
<p>The Motion Map Data (1:2,500) section contains data which is plotted to indicate long-term stability trends from analysis of satellite radar data.</p>	
Historical Map List	6
<p>The Historical Map List section details the historical mapping that has been analysed for your site, in relation to the Historical Land Use Information sections.</p>	
Data Currency	7
Data Suppliers	9
Useful Contacts	10

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The brine subsidence data relating to the Driotwich area as provided in this report is derived from JPB studies and physical monitoring undertaken annually over more than 35 years. For more detailed interpretation contact enquiries@jpb.co.uk. JPB retain the copyright and intellectual rights to this data and accept no liability for any loss or damage, including in direct or consequential loss, arising from the use of this data.

Report Version v49.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
Mining and Natural Cavities Data					
BGS Recorded Mineral Sites	pg 1				4
Coal Mining Affected Areas	pg 1	Yes	n/a	n/a	n/a
Man Made Mining Cavities					
Mining Instability	pg 1	Yes	n/a	n/a	n/a
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential Mining Areas	pg 1				1
Historical Land Use Information (1:2,500)					
Extractive Industries or Potential Excavations from 1855-1909				n/a	n/a
Extractive Industries or Potential Excavations from 1893-1915	pg 2		4	n/a	n/a
Extractive Industries or Potential Excavations from 1906-1937	pg 2	1	7	n/a	n/a
Extractive Industries or Potential Excavations from 1924-1949				n/a	n/a
Extractive Industries or Potential Excavations from 1950-1980	pg 3	1	7	n/a	n/a
Subterranean Features				n/a	n/a
Historical Land Use Information (1:10,000)					
Air Shafts					
Disturbed Ground					
General Quarrying					
Heap, unknown constituents					
Mineral Railway					
Mining & quarrying general					
Mining of coal & lignite					
Quarrying of sand & clay, operation of sand & gravel pits	pg 4			1	
Former Marshes					
Potentially Infilled Land (Non-Water)	pg 4			1	
Potentially Infilled Land (Water)	pg 4	1	2	1	6

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
Ground Stability Data (1:50,000)					
Brine Compensation Area			n/a	n/a	n/a
Brine Pumping Related Features					
Brine Subsidence Solution Area					
Potential for Collapsible Ground Stability Hazards	pg 5	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 5	Yes	Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 5	Yes		n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 5	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 5	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 5	Yes	Yes	n/a	n/a
Salt Mining Related Features					
Subsidence Insurance Claims				n/a	n/a
Subsidence Investigations				n/a	n/a
Motion Map Data (1:2,500)					
Motion Map				n/a	n/a

Report Version v49.0

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Swansea Wharf Location: Langdon Road, Prince Of Wales Dock, Swansea, West Glamorgan, Sa1 8qy Source: British Geological Survey, National Geoscience Information Service Reference: 10870 Type: Wharf Status: Active Operator: Lafarge-Tarmac Operator Location: Lafarge-Tarmac, Portland House, Bickenhill Lane, Solihull, Birmingham, B37 7bq Periodic Type: Quaternary Geology: Marine Deposits Commodity: Marine Sand And Gravel Positional Accuracy: Located by supplier to within 10m</p>	A18SE (N)	510	1	266950 192975
2	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Swansea Wharf Location: Langdon Road, Swansea, West Glamorgan, Sa1 8qy Source: British Geological Survey, National Geoscience Information Service Reference: 10868 Type: Wharf Status: Active Operator: Cemex Uk Materials Ltd Operator Location: Cemex Uk Materials Ltd, Cemex House, Coldharbour Lane, Thorpe, Egham, Surrey, Tw20 8td Periodic Type: Quaternary Geology: Marine Deposits Commodity: Marine Sand And Gravel Positional Accuracy: Located by supplier to within 10m</p>	A18SW (N)	512	1	266845 192980
3	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Pilot House Gravel Pit Location: , Swansea, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 156475 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Quaternary Geology: Blown Sand Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m</p>	A12NE (W)	529	1	266357 192535
4	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Prince Of Wales Dock Location: Langdon Road, Swansea, West Glamorgan, Sa1 8qy Source: British Geological Survey, National Geoscience Information Service Reference: 10867 Type: Wharf Status: Ceased Operator: British Dredging Aggregates Ltd Operator Location: British Dredging Aggregates Ltd, Avondale House, Avondale Road, Cardiff, South Glamorgan, Cf11 7xb Periodic Type: Quaternary Geology: Marine Deposits Commodity: Marine Sand And Gravel Positional Accuracy: Located by supplier to within 10m</p>	A18SW (N)	531	1	266780 192990
	<p>Coal Mining Affected Areas</p> <p>Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.</p>	A13NE (N)	0	2	266882 192470
	<p>Mining Instability</p> <p>Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied</p>	A13NE (N)	0	3	266882 192470
	<p>Non Coal Mining Areas of Great Britain</p> <p>No Hazard</p>				
5	<p>Potential Mining Areas</p> <p>Name: Danygraig Ceased Operation: 1887 Commodity: Coal; Rider; No.3; White Reference: 2036 Alternate: Not Supplied Name/Mine: Custodian: Not Supplied</p>	A18NE (N)	776	4	266898 193245

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	Extractive Industries or Potential Excavations from 1893-1915 Use: Prince of Wales Dock First Map Published 1899 Date: Last Map Published 1899 Date:	A13NW (NW)	87	-	266831 192540
7	Extractive Industries or Potential Excavations from 1893-1915 Use: Tidal Basin First Map Published 1899 Date: Last Map Published Not Applicable Date:	A13NW (NW)	141	-	266757 192534
8	Extractive Industries or Potential Excavations from 1893-1915 Use: Tennant Canal First Map Published 1899 Date: Last Map Published 1899 Date:	A13NE (N)	218	-	266948 192677
9	Extractive Industries or Potential Excavations from 1893-1915 Use: Locks First Map Published 1899 Date: Last Map Published Not Applicable Date:	A13NW (NW)	235	-	266732 192649
10	Extractive Industries or Potential Excavations from 1906-1937 Use: Prince of Wales Dock First Map Published 1919 Date: Last Map Published 1919 Date:	A13NE (N)	0	-	266882 192470
11	Extractive Industries or Potential Excavations from 1906-1937 Use: Unspecified Industrial Water Feature First Map Published 1918 Date: Last Map Published 1919 Date:	A13NE (E)	57	-	266938 192476
12	Extractive Industries or Potential Excavations from 1906-1937 Use: King's Dock First Map Published 1917 Date: Last Map Published 1919 Date:	A13NE (E)	57	-	266938 192476
13	Extractive Industries or Potential Excavations from 1906-1937 Use: Tidal Basin First Map Published 1919 Date: Last Map Published 1919 Date:	A13NW (NW)	143	-	266758 192541
14	Extractive Industries or Potential Excavations from 1906-1937 Use: Prince of Wales Dry Dock First Map Published 1919 Date: Last Map Published Not Applicable Date:	A13NW (NW)	157	-	266795 192601
15	Extractive Industries or Potential Excavations from 1906-1937 Use: Locks First Map Published 1919 Date: Last Map Published Not Applicable Date:	A13SE (SE)	184	-	266975 192312
16	Extractive Industries or Potential Excavations from 1906-1937 Use: Unspecified Industrial Water Feature First Map Published 1919 Date: Last Map Published Not Applicable Date:	A13NW (NW)	189	-	266789 192634

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	Extractive Industries or Potential Excavations from 1906-1937 Use: Locks First Map Published 1919 Date: Last Map Published Not Applicable Date:	A13NW (NW)	235	-	266729 192648
18	Extractive Industries or Potential Excavations from 1950-1980 Use: Prince of Wales Dock First Map Published 1948 Date: Last Map Published 1957 Date:	A13NE (N)	0	-	266882 192470
19	Extractive Industries or Potential Excavations from 1950-1980 Use: Unspecified Industrial Water Feature First Map Published 1948 Date: Last Map Published 1949 Date:	A13NE (E)	55	-	266936 192475
20	Extractive Industries or Potential Excavations from 1950-1980 Use: King's Dock First Map Published 1948 Date: Last Map Published 1956 Date:	A13NE (E)	55	-	266936 192475
21	Extractive Industries or Potential Excavations from 1950-1980 Use: Tidal Basin First Map Published 1948 Date: Last Map Published N/A Date:	A13NW (NW)	131	-	266772 192541
22	Extractive Industries or Potential Excavations from 1950-1980 Use: Locks First Map Published 1948 Date: Last Map Published N/A Date:	A13SE (SE)	180	-	266972 192314
23	Extractive Industries or Potential Excavations from 1950-1980 Use: Unspecified Industrial Water Feature First Map Published 1948 Date: Last Map Published N/A Date:	A13NW (NW)	191	-	266786 192635
24	Extractive Industries or Potential Excavations from 1950-1980 Use: Prince of Wales Dry Dock First Map Published 1948 Date: Last Map Published N/A Date:	A13NW (NW)	191	-	266786 192635
25	Extractive Industries or Potential Excavations from 1950-1980 Use: Shaft First Map Published 1948 Date: Last Map Published N/A Date:	A13SW (S)	229	-	266850 192244

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	Quarrying of sand & clay, operation of sand & gravel pits Use: Not Supplied Date of Mapping: 1921 - 1938	A12NE (W)	445	-	266440 192516
27	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A12NE (W)	445	-	266440 192516
28	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1884	A13NE (N)	0	-	266882 192470
29	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1884	A13SW (W)	15	-	266867 192470
30	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A13SW (S)	41	-	266881 192429
31	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A12SE (W)	380	-	266506 192416
32	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A12NE (W)	586	-	266333 192674
33	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A14NW (E)	660	-	267495 192711
34	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A19SE (NE)	837	-	267570 192945
35	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A17SW (NW)	890	-	266148 192973
36	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A17SW (NW)	945	-	266154 193073
37	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A18NE (N)	965	-	267145 193398

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Brine Compensation Area The site does not fall within the brine compensation area.				
	Brine Subsidence Solution Area The site does not fall within the brine subsidence solution area.				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	266882 192470
38	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	266882 192470
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	57	1	266938 192476
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	266882 192470
39	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	266882 192470
40	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	148	1	266760 192554
41	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	188	1	266753 192606
42	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	266882 192470
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	57	1	266938 192476
43	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	57	1	266938 192476
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	266882 192470

The following mapping has been analysed for Historical Land Use Information (1:2,500):

1:2,500	Mapsheets	Published Date
Glamorganshire	024_05	1879
Glamorganshire	024_06	1879
Glamorganshire	024_09	1879
Glamorganshire	024_10	1879
Glamorganshire	024_05	1899
Glamorganshire	024_06	1899
Glamorganshire	024_09	1899
Glamorganshire	024_10	1918
Glamorganshire	024_05	1919
Glamorganshire	024_06	1919
Glamorganshire	024_09	1919







The following mapping has been analysed for Historical Land Use Information (1:10,000):

1:10,560	Mapsheets	Published Date
Glamorganshire	024_00	1884
Glamorganshire	024_NW	1900
Glamorganshire	024_SW	1900
Glamorganshire	024_NW	1921
Glamorganshire	024_SW	1921
Glamorganshire	024_NW	1938
Glamorganshire	024_SW	1938
Ordnance Survey Plan	SS69SE	1964
1:10,000	Mapsheets	Published Date
Ordnance Survey Plan	SS69SE	1989

Mining and Cavities Data	Version	Update Cycle
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	October 2014	Bi-Annually
Coal Mining Affected Areas The Coal Authority - Mining Report Service	December 2013	As notified
Man Made Mining Cavities Peter Brett Associates	August 2014	Bi-Annually
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Natural Cavities Peter Brett Associates	August 2014	Bi-Annually
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	July 2014	Not Applicable
Historical Land Use Information (1:2,500)	Version	Update Cycle
Subterranean Features Landmark Information Group Limited	September 2014	Bi-Annually
Ground Stability Data (1:50,000)	Version	Update Cycle
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2014	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2014	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	June 2014	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2014	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2014	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2014	Annually
Subsidence Insurance Claims SP Property Services	November 2014	Quarterly
Subsidence Investigations CET Structures Ltd	November 2014	Quarterly

Motion Map Data (1:2,500)	Version	Update Cycle
Motion Map		
Nigel Press Associates - Hampshire	February 2011	As notified
Nigel Press Associates - Cambridge	January 2011	As notified
Nigel Press Associates - Ipswich	January 2011	As notified
Nigel Press Associates - Norwich	January 2011	As notified
Nigel Press Associates - Peterborough	January 2011	As notified
Nigel Press Associates - Barnstaple	July 2010	As notified
Nigel Press Associates - Derbyshire	July 2010	As notified
Nigel Press Associates - Humberside	July 2010	As notified
Nigel Press Associates - Kent	July 2010	As notified
Nigel Press Associates - Lincolnshire	July 2010	As notified
Nigel Press Associates - Nottinghamshire	July 2010	As notified
Nigel Press Associates - Birmingham	May 2009	As notified
Nigel Press Associates - Bournemouth	May 2009	As notified
Nigel Press Associates - Brighton	May 2009	As notified
Nigel Press Associates - Bristol	May 2009	As notified
Nigel Press Associates - Cardiff	May 2009	As notified
Nigel Press Associates - Central London	May 2009	As notified
Nigel Press Associates - Cheltenham	May 2009	As notified
Nigel Press Associates - Coventry	May 2009	As notified
Nigel Press Associates - Crawley	May 2009	As notified
Nigel Press Associates - Edinburgh	May 2009	As notified
Nigel Press Associates - Exeter	May 2009	As notified
Nigel Press Associates - Glasgow	May 2009	As notified
Nigel Press Associates - Isle of Wight	May 2009	As notified
Nigel Press Associates - Leeds	May 2009	As notified
Nigel Press Associates - Leicester	May 2009	As notified
Nigel Press Associates - Liverpool	May 2009	As notified
Nigel Press Associates - Manchester	May 2009	As notified
Nigel Press Associates - Milton Keynes	May 2009	As notified
Nigel Press Associates - Newcastle	May 2009	As notified
Nigel Press Associates - Northwich	May 2009	As notified
Nigel Press Associates - Nottingham	May 2009	As notified
Nigel Press Associates - Oxford	May 2009	As notified
Nigel Press Associates - Plymouth	May 2009	As notified
Nigel Press Associates - Portsmouth	May 2009	As notified
Nigel Press Associates - Preston	May 2009	As notified
Nigel Press Associates - Reading	May 2009	As notified
Nigel Press Associates - Sheffield	May 2009	As notified
Nigel Press Associates - Stoke	May 2009	As notified
Nigel Press Associates - Swindon	May 2009	As notified
Nigel Press Associates - Tonbridge	May 2009	As notified
Nigel Press Associates - North London	November 2008	As notified
Nigel Press Associates - Head Office	September 2008	As notified

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
British Geological Survey	 British Geological Survey <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
The Coal Authority	THE COAL AUTHORITY
Ove Arup	
Peter Brett Associates	
Wardell Armstrong	
Johnson Poole & Bloomer	

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	The Coal Authority - Mining Report Service 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0845 7626848 Email: thecoalauthority@coal.gov.uk
3	Ove Arup & Partners Central Square, Forth Street, Newcastle upon Tyne, Tyne and Wear, NE1 3PL	Telephone: 0191 261 6080 Fax: 0191 261 7879
4	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9960 Fax: 0844 844 9951 Email: customerservice@promap.co.uk Website: www.landmarkinfo.co.uk
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

Historical Land Use Information (1:2,500)

General

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

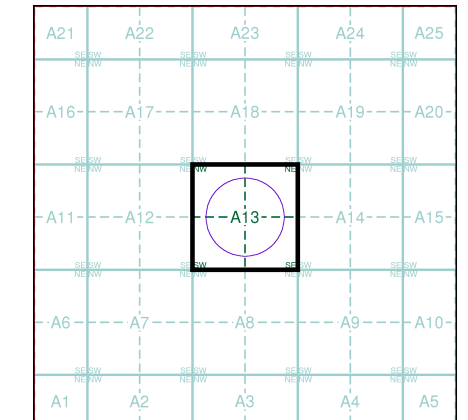
Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909			
Extractive Industries Activity from 1893 - 1915			
Extractive Industries Activity from 1906 - 1937			
Extractive Industries Activity from 1924 - 1949			
Extractive Industries Activity from 1950 - 1980			

Subterranean Features

	Point	Line	Polygon
Subterranean Features			

Mining and Ground Stability - Segment A13

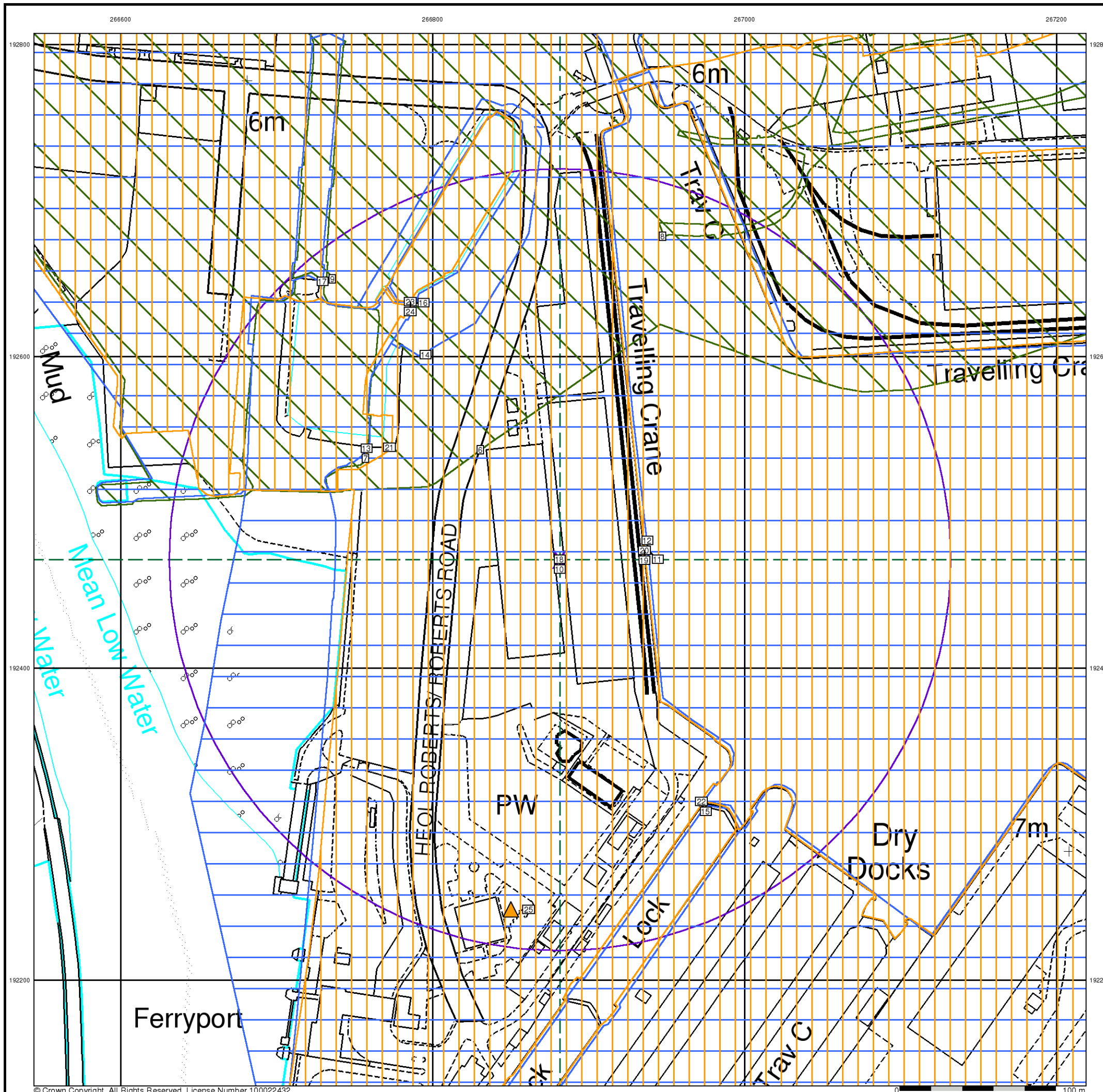


Order Details

Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Plot Buffer (m): 250

Site Details

Kings Dock, Swansea, SA1 8RU



Motion Map Data (1:2,500)

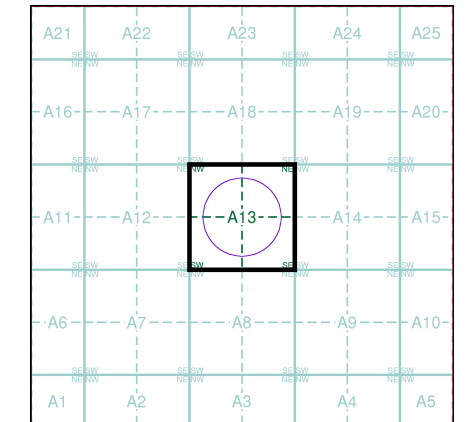
General

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

Average Velocity Gradient

- Upward Movement > 3.5mm per year ●
- Upward Movement 1.5mm to 3.5mm per year ●
- Stable 1.5mm to -1.5mm per year ●
- Downward Movement -1.5mm to -3.5mm per year ●
- Downward Movement > -3.5mm per year ●

Mining and Ground Stability - Segment A13

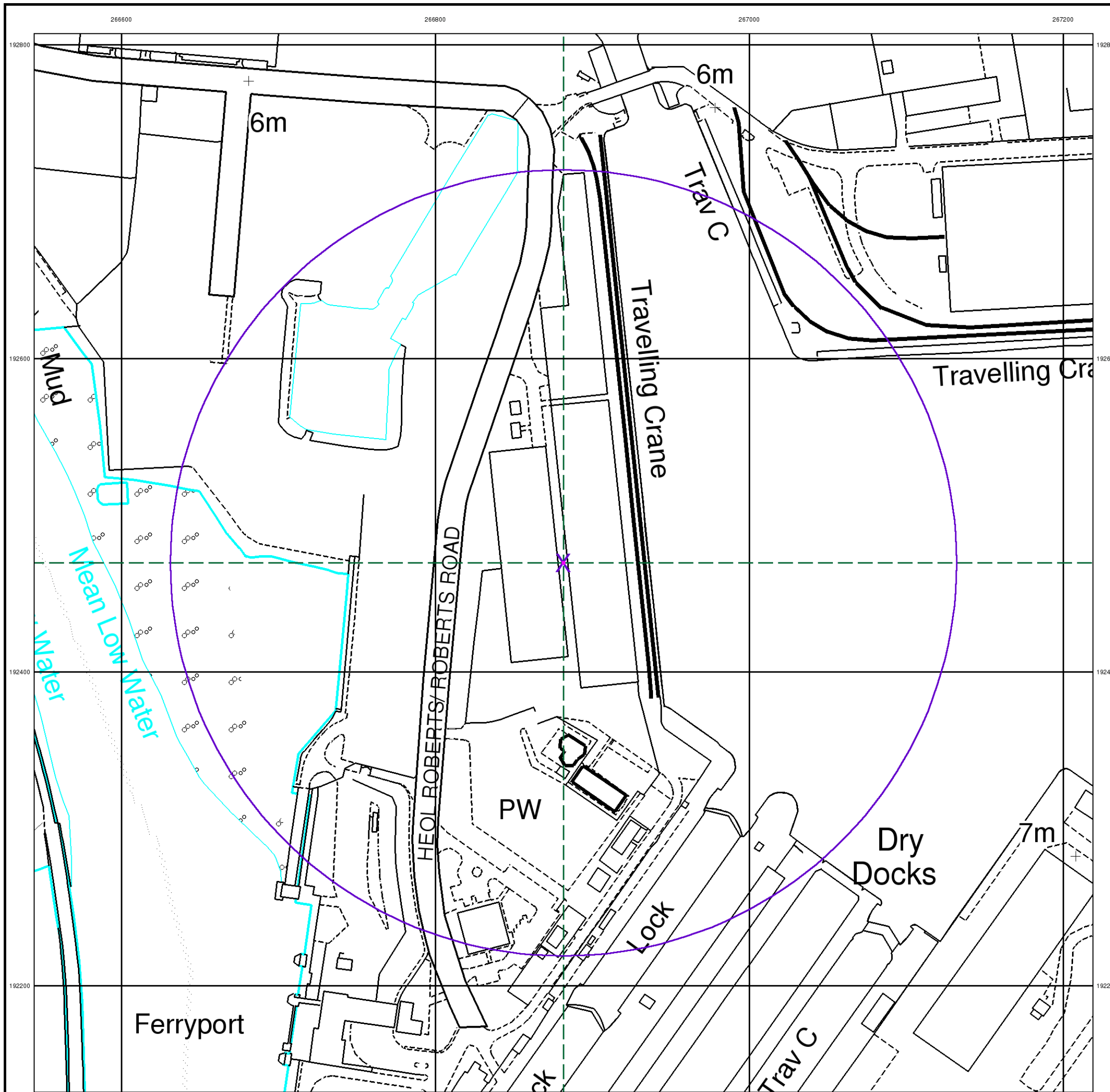


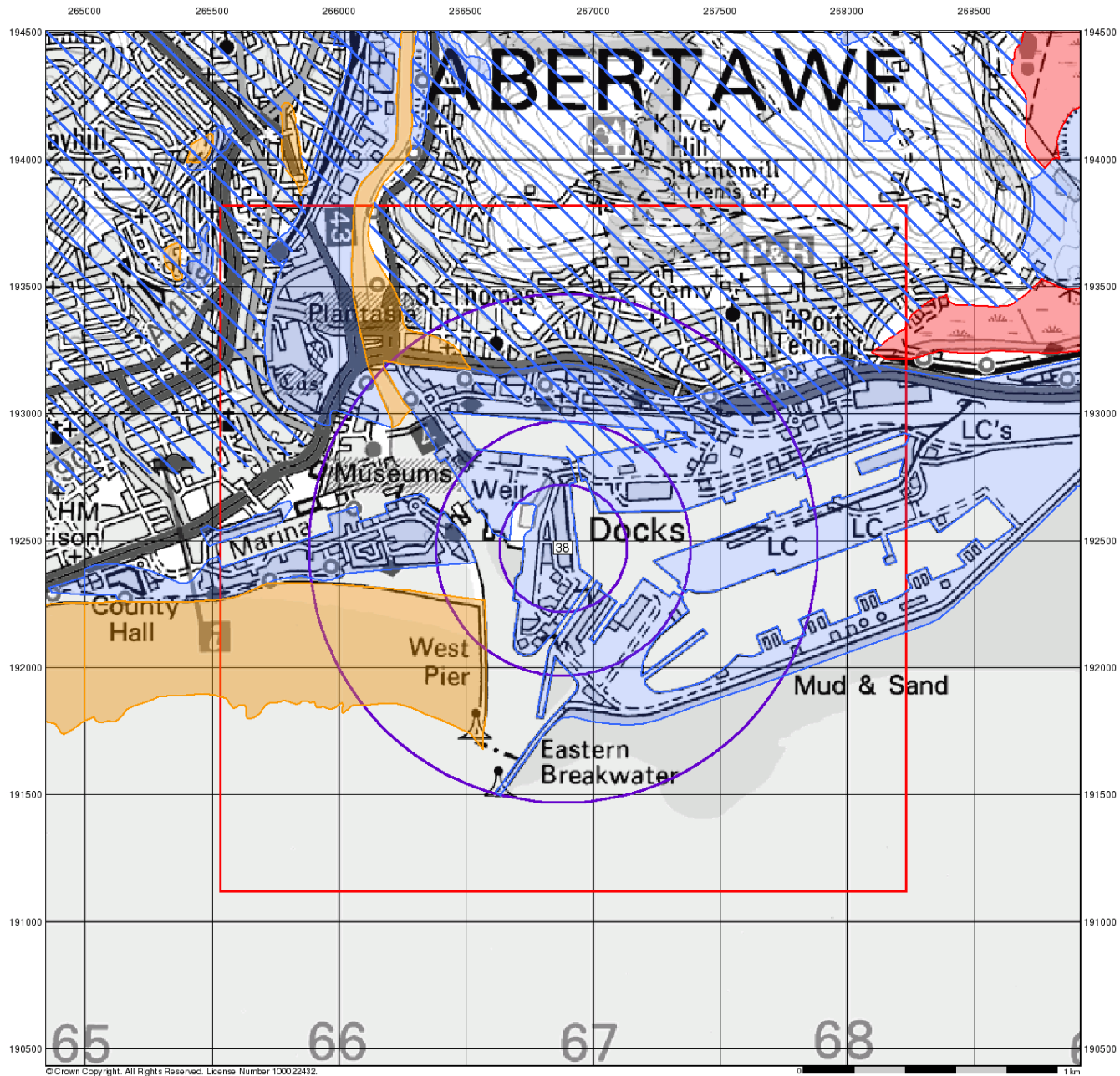
Order Details

Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Plot Buffer (m): 250

Site Details

Kings Dock, Swansea, SA1 8RU





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Ground Stability Data (1:50,000)

General

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

Potential for Compressible Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

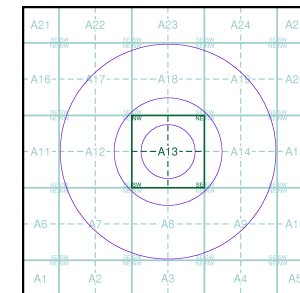
Potential for Collapsible Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

Brine Pumping and Salt Mining

- | | Point | Polygon |
|-------------------------------|-------|---------|
| Brine Pumping Related Feature | | |
| Salt Mining Related Feature | | |

Mining and Ground Stability - Slice A



Order Details

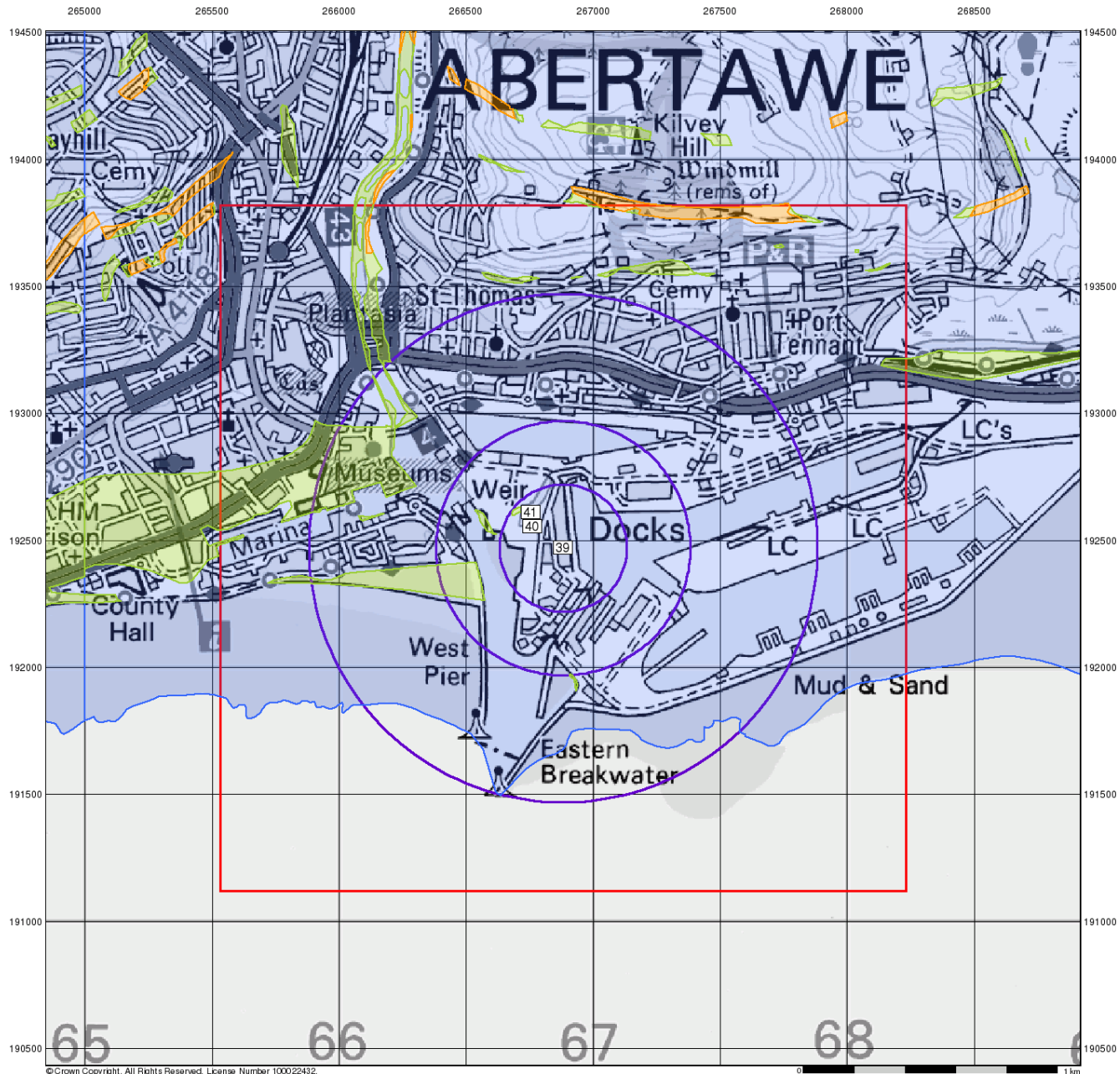
Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Kings Dock, Swansea, SA1 8RU



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



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0 1 km



Ground Stability Data (1:50,000)

General

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

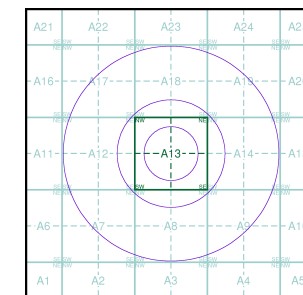
Potential for Landslide Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

Potential for Ground Dissolution Stability Hazards

- High
- Low
- Moderate
- Very Low

Mining and Ground Stability - Slice A



Order Details

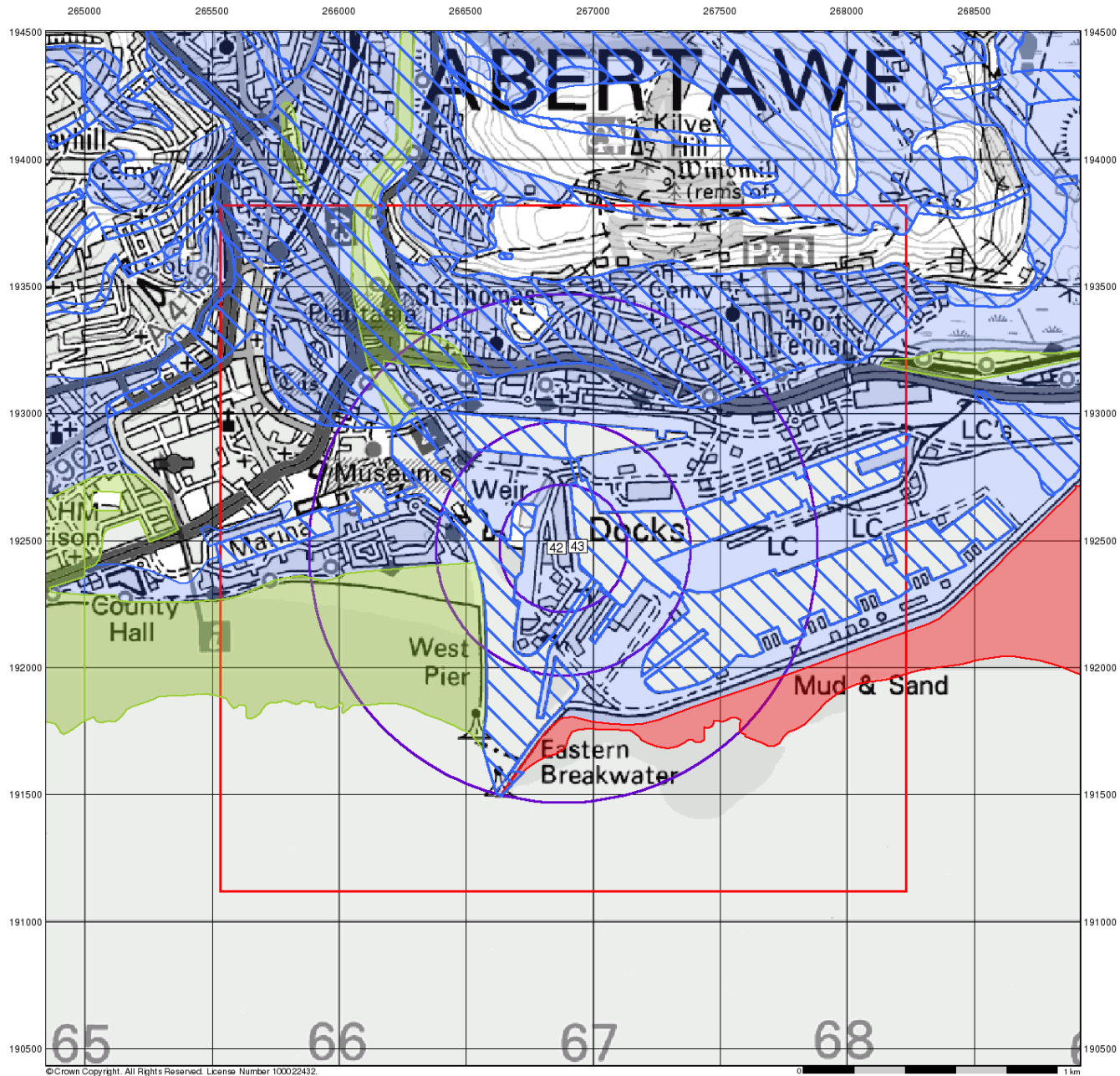
Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

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Ground Stability Data (1:50,000)

General

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

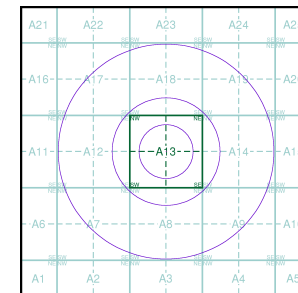
Potential for Running Sand Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

Potential for Shrinking or Swelling Clay Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

Mining and Ground Stability - Slice A



Order Details

Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Kings Dock, Swansea, SA1 8RU



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

Historical Land Use Information (1:10,000)

General

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

Potentially Contaminative Industrial Uses (Past Land Uses - Mining)

	Point	Line	Polygon
Air Shafts			
Disturbed Ground			
General Quarrying			
Heap, unknown constituents			
Mineral Railway			
Mining and Quarrying General			
Mining of Coal & Lignite			
Quarrying of Sand and Clay, Operation of Sand and Gravel Pits			

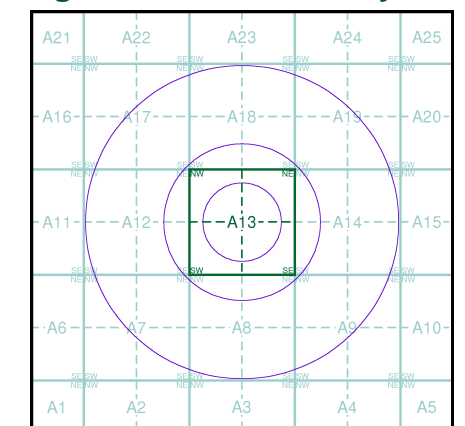
Historical Land Use

	Point	Line	Polygon
Potentially Infilled Land (Non-Water)			
Potentially Infilled Land (Water)			
Former Marsh			

Mining Data

- Potential Mining Area
- BGS Recorded Mineral Site

Mining and Ground Stability - Slice A



Order Details

Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Kings Dock, Swansea, SA1 8RU



REPORT 2

BESPOKE ENVIRONMENTAL PERMIT APPLICATION SITE CONDITION REPORT

**King's Dock
Swansea**

**Appendix 4
Historical Ordnance
Survey Maps**

Envirocheck[®] Report: Historical Data Report Datasheet

Order Details:

Order Number:

62880715_1_1

Customer Reference:

1422

National Grid Reference:

266880, 192470

Slice:

A

Site Area (Ha):

0.01

Search Buffer (m):

1000

Site Details:

Kings Dock

Swansea

SA1 8RU

Client Details:

Mr A Jones

Geotechnology

Ty Coed

5 Cefn-Yr-Allt

Aberdulais

Neath

SA10 8HE

Report Section	Page Number
Summary	-
Historical Building Plans Information	1
Historical Land Use Information	2
Historical Tanks and Energy Facilities	5
Historical Map List	6
Useful Contacts and Further Information	7

Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination. For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.

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

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Report Version v49.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
Historical Building Plans Information					
Areas Cleared Due To Enemy Action					
Above Ground Fuel Tanks	pg 1		1	n/a	n/a
Asbestos	pg 1		6	n/a	n/a
Benzene/Benzole/Naphtha, Naphthalene/Kerosene				n/a	n/a
Electricity Generation	pg 1		2	n/a	n/a
Electricity Sub-Station	pg 1		1	n/a	n/a
Gas Industry				n/a	n/a
Gas Storage				n/a	n/a
Gas Use				n/a	n/a
Oil Industry	pg 1		1	n/a	n/a
Oil Storage				n/a	n/a
Oil Use				n/a	n/a
Paint based Oils				n/a	n/a
Paraffin				n/a	n/a
Petrol and Diesel Industry				n/a	n/a
Petrol and Diesel Storage				n/a	n/a
Petrol and Diesel Use				n/a	n/a
Potential Fuel Gas				n/a	n/a
Potential Fuel Oil				n/a	n/a
Potential Fuel Use				n/a	n/a
Potential Petrol and Diesel				n/a	n/a
Potential Tanks	pg 1		4	n/a	n/a
Potentially Fuel-related Tanks	pg 1		1	n/a	n/a
Underground Fuel Tanks				n/a	n/a
Historical Land Use Information					
Former Marshes					
Historical Flood Liabilities					
Potentially Contaminative Industrial Uses (Past Land Use)	pg 2	1	5	8	35
Potentially Infilled Land (Non-Water)	pg 4			1	
Potentially Infilled Land (Water)	pg 4	1	2	1	6

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
Historical Tanks and Energy Facilities					
Electrical Sub Station Facilities				n/a	n/a
Electricity Industry Facilities	pg 5		3	n/a	n/a
Gas Industry Facilities				n/a	n/a
Gas Monitoring Facilities				n/a	n/a
Miscellaneous Power Facilities	pg 5		2	n/a	n/a
Oil Industry Facilities				n/a	n/a
Petroleum Storage Facilities				n/a	n/a
Potential Tanks				n/a	n/a
Tanks	pg 5		6	n/a	n/a

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Above Ground Fuel Tanks Map Text: Oil Storage Tanks Plan Name: 104_010_1961_geo1	A13SW (W)	132	1	266755 192433
2	Asbestos Map Text: ASB Plan Name: 104_010_1961_geo1	A13NW (W)	29	1	266855 192478
3	Asbestos Map Text: ASB Plan Name: 104_010_1961_geo1	A13NW (NW)	170	1	266809 192623
4	Asbestos Map Text: ASB Plan Name: 104_010_1929_geo1	A13NW (N)	215	1	266849 192682
4	Asbestos Map Text: ASB Plan Name: 104_010_1961_geo1	A13NW (N)	215	1	266841 192680
4	Asbestos Map Text: ASB Plan Name: 104_010_1961_geo1	A13NW (N)	227	1	266845 192693
5	Asbestos Map Text: ASB Plan Name: 104_010_1929_geo1	A13NW (NW)	230	1	266771 192671
6	Electricity Generation Map Text: Western Hydraulic Power Station Plan Name: 104_010_1929_geo1	A13NW (NW)	145	1	266809 192595
6	Electricity Generation Map Text: Western Hydraulic Power Station Plan Name: 104_010_1961_geo1	A13NW (NW)	145	1	266806 192592
7	Electricity Sub-Station Map Text: Elec Sub Stn Plan Name: 104_010_1929_geo1	A13SE (SE)	229	1	266981 192263
8	Oil Industry Map Text: Regent Oil Co Ltd Plan Name: 104_010_1961_geo1	A13SW (W)	99	1	266785 192455
9	Potential Tanks Map Text: Potential Tank Plan Name: 104_010_1961_geo1	A13SW (SW)	143	1	266761 192393
9	Potential Tanks Map Text: Potential Tank Plan Name: 104_010_1961_geo1	A13SW (SW)	151	1	266761 192380
9	Potential Tanks Map Text: Potential Tank Plan Name: 104_010_1961_geo1	A13SW (SW)	158	1	266744 192394
9	Potential Tanks Map Text: Potential Tank Plan Name: 104_010_1961_geo1	A13SW (SW)	166	1	266742 192381
10	Potentially Fuel-related Tanks Map Text: Tank Plan Name: 104_010_1961_geo1	A13NW (NW)	116	1	266776 192515

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	Potentially Contaminative Industrial Uses (Past Land Use) Use: Transport support & cargo handling Date of Mapping: 1900 - 1989	A13NE (N)	0	1	266882 192470
12	Potentially Contaminative Industrial Uses (Past Land Use) Use: Transport support & cargo handling Date of Mapping: 1921 - 1989	A13SW (S)	41	1	266881 192429
13	Potentially Contaminative Industrial Uses (Past Land Use) Use: Transport manufacturing and repair Date of Mapping: 1921 - 1938	A13NW (NW)	184	1	266794 192631
14	Potentially Contaminative Industrial Uses (Past Land Use) Use: Metal casting/foundries Date of Mapping: 1884 - 1900	A13NE (NE)	222	1	267002 192656
15	Potentially Contaminative Industrial Uses (Past Land Use) Use: Transport manufacturing and repair Date of Mapping: 1938 - 1989	A13SE (SE)	227	1	267025 192295
16	Potentially Contaminative Industrial Uses (Past Land Use) Use: Railways Date of Mapping: 1900	A13NE (NE)	241	1	267078 192608
17	Potentially Contaminative Industrial Uses (Past Land Use) Use: Electricity production & distribution [inc large transformers] Date of Mapping: 1921	A13NE (N)	331	1	267003 192777
18	Potentially Contaminative Industrial Uses (Past Land Use) Use: Transport support & cargo handling Date of Mapping: 1884	A13NE (NE)	347	1	267068 192762
19	Potentially Contaminative Industrial Uses (Past Land Use) Use: Chemical manufacturing general Date of Mapping: 1921 - 1938	A14SW (E)	381	1	267257 192407
20	Potentially Contaminative Industrial Uses (Past Land Use) Use: Chemical manufacturing general Date of Mapping: 1921 - 1938	A13SE (SE)	399	1	267197 192226
21	Potentially Contaminative Industrial Uses (Past Land Use) Use: Factory or works - use not specified Date of Mapping: 1964 - 1989	A12NE (W)	409	1	266474 192506
22	Potentially Contaminative Industrial Uses (Past Land Use) Use: Quarrying of sand & clay, operation of sand & gravel pits Date of Mapping: 1921 - 1938	A12NE (W)	445	1	266440 192516
23	Potentially Contaminative Industrial Uses (Past Land Use) Use: Transport support & cargo handling Date of Mapping: 1884 - 1989	A12NE (W)	488	1	266416 192616
24	Potentially Contaminative Industrial Uses (Past Land Use) Use: Coal storage and depot Date of Mapping: 1921 - 1938	A18SE (N)	491	1	266927 192958
25	Potentially Contaminative Industrial Uses (Past Land Use) Use: Railways Date of Mapping: 1884	A12NE (W)	515	1	266379 192581
26	Potentially Contaminative Industrial Uses (Past Land Use) Use: Transport manufacturing and repair Date of Mapping: 1884 - 1900	A12NE (W)	578	1	266324 192622
27	Potentially Contaminative Industrial Uses (Past Land Use) Use: Factory or works - use not specified Date of Mapping: 1964	A18SW (N)	579	1	266771 193037
28	Potentially Contaminative Industrial Uses (Past Land Use) Use: Hospitals Date of Mapping: 1900 - 1921	A12NE (W)	589	1	266294 192484
29	Potentially Contaminative Industrial Uses (Past Land Use) Use: Railways Date of Mapping: 1884 - 1989	A18SE (N)	612	1	266938 193079
30	Potentially Contaminative Industrial Uses (Past Land Use) Use: Food processing - major Date of Mapping: 1921 - 1938	A8NE (S)	622	1	267023 191864
30	Potentially Contaminative Industrial Uses (Past Land Use) Use: Factory or works - use not specified Date of Mapping: 1964	A8NE (S)	627	1	267033 191862

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	Potentially Contaminative Industrial Uses (Past Land Use) Use: Transport manufacturing and repair Date of Mapping: 1884 - 1900	A14NW (NE)	627	1	267419 192791
32	Potentially Contaminative Industrial Uses (Past Land Use) Use: Railways Date of Mapping: 1884 - 1989	A18SE (N)	631	1	266940 193098
33	Potentially Contaminative Industrial Uses (Past Land Use) Use: Chemical manufacturing general Date of Mapping: 1921	A17SE (NW)	659	1	266498 193005
34	Potentially Contaminative Industrial Uses (Past Land Use) Use: Coal storage and depot Date of Mapping: 1921 - 1938	A14NW (E)	681	1	267527 192687
35	Potentially Contaminative Industrial Uses (Past Land Use) Use: Transport manufacturing and repair Date of Mapping: 1884 - 1938	A12NE (W)	694	1	266237 192727
36	Potentially Contaminative Industrial Uses (Past Land Use) Use: Transport manufacturing and repair Date of Mapping: 1921 - 1938	A14NW (NE)	724	1	267533 192784
37	Potentially Contaminative Industrial Uses (Past Land Use) Use: Railways Date of Mapping: 1884	A17SE (NW)	725	1	266523 193099
38	Potentially Contaminative Industrial Uses (Past Land Use) Use: Coal storage and depot Date of Mapping: 1921 - 1938	A14NE (E)	728	1	267603 192560
39	Potentially Contaminative Industrial Uses (Past Land Use) Use: Sawmilling, planing & impregnation [i.e. treatment of timber] Date of Mapping: 1884	A12NW (W)	750	1	266181 192735
40	Potentially Contaminative Industrial Uses (Past Land Use) Use: Transport manufacturing and repair Date of Mapping: 1921 - 1938	A17SE (NW)	754	1	266464 193097
41	Potentially Contaminative Industrial Uses (Past Land Use) Use: Railways Date of Mapping: 1884 - 1964	A17SE (NW)	755	1	266529 193137
42	Potentially Contaminative Industrial Uses (Past Land Use) Use: Factory or works - use not specified Date of Mapping: 1964	A17SE (NW)	777	1	266336 193023
43	Potentially Contaminative Industrial Uses (Past Land Use) Use: Transport support & cargo handling Date of Mapping: 1884 - 1921	A17SE (NW)	818	1	266235 192970
44	Potentially Contaminative Industrial Uses (Past Land Use) Use: Sewage Date of Mapping: 1900	A19SE (NE)	831	1	267637 192815
45	Potentially Contaminative Industrial Uses (Past Land Use) Use: Transport support & cargo handling Date of Mapping: 1900 - 1964	A17SW (NW)	838	1	266165 192903
46	Potentially Contaminative Industrial Uses (Past Land Use) Use: Sawmilling, planing & impregnation [i.e. treatment of timber] Date of Mapping: 1921 - 1938	A9NE (SE)	849	1	267573 191978
47	Potentially Contaminative Industrial Uses (Past Land Use) Use: Cement, lime & plaster products [manufacture] Date of Mapping: 1884	A17SE (NW)	870	1	266276 193093
48	Potentially Contaminative Industrial Uses (Past Land Use) Use: Railways Date of Mapping: 1884 - 1964	A17NE (NW)	870	1	266356 193162
49	Potentially Contaminative Industrial Uses (Past Land Use) Use: Chemical manufacturing general Date of Mapping: 1921	A12NW (W)	880	1	266007 192562
50	Potentially Contaminative Industrial Uses (Past Land Use) Use: Transport manufacturing and repair Date of Mapping: 1900 - 1921	A17SW (NW)	883	1	266193 193021
51	Potentially Contaminative Industrial Uses (Past Land Use) Use: Factory or works - use not specified Date of Mapping: 1989	A17SW (NW)	894	1	266139 192966

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
52	Potentially Contaminative Industrial Uses (Past Land Use) Use: Railways Date of Mapping: 1884	A12SW (W)	899	1	265984 192442
53	Potentially Contaminative Industrial Uses (Past Land Use) Use: Railways Date of Mapping: 1884 - 1989	A19SW (NE)	910	1	267548 193089
54	Potentially Contaminative Industrial Uses (Past Land Use) Use: Cemetery or Graveyard Date of Mapping: 1900 - 1989	A19NW (NE)	967	1	267335 193324
55	Potentially Contaminative Industrial Uses (Past Land Use) Use: Chemical manufacturing general Date of Mapping: 1900 - 1921	A19SE (NE)	974	1	267708 192983
56	Potentially Contaminative Industrial Uses (Past Land Use) Use: Transport support & cargo handling Date of Mapping: 1964	A17SW (NW)	975	1	266061 192994
57	Potentially Contaminative Industrial Uses (Past Land Use) Use: Railways Date of Mapping: 1884 - 1964	A17NE (NW)	977	1	266250 193214
58	Potentially Contaminative Industrial Uses (Past Land Use) Use: Railways Date of Mapping: 1900 - 1938	A17NE (NW)	984	1	266218 193195
59	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A12NE (W)	445	1	266440 192516
60	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1884	A13NE (N)	0	1	266882 192470
61	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1884	A13SW (W)	15	1	266867 192470
62	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A13SW (S)	41	1	266881 192429
63	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A12SE (W)	380	1	266506 192416
64	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A12NE (W)	586	1	266333 192674
65	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A14NW (E)	660	1	267495 192711
66	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A19SE (NE)	837	1	267570 192945
67	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A17SW (NW)	890	1	266148 192973
68	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A17SW (NW)	945	1	266154 193073
69	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A18NE (N)	965	1	267145 193398

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
70	Electricity Industry Facilities Scale of Mapping: 1:1,250 Date of Mapping: 1971	A13SW (S)	40	1	266868 192433
71	Electricity Industry Facilities Scale of Mapping: 1:1,250 Date of Mapping: 1971	A13NW (NW)	126	1	266823 192581
72	Electricity Industry Facilities Scale of Mapping: 1:1,250 Date of Mapping: 1971	A13SE (S)	140	1	266912 192334
73	Miscellaneous Power Facilities Scale of Mapping: 1:1,250 Date of Mapping: 1948 - 1966	A13NW (NW)	138	1	266799 192579
73	Miscellaneous Power Facilities Scale of Mapping: 1:2,500 Date of Mapping: 1950	A13NW (NW)	139	1	266799 192581
74	Tanks Scale of Mapping: 1:1,250 Date of Mapping: 1966	A13NW (NW)	116	1	266778 192519
74	Tanks Scale of Mapping: 1:1,250 Date of Mapping: 1948	A13NW (NW)	136	1	266784 192563
74	Tanks Scale of Mapping: 1:2,500 Date of Mapping: 1950	A13NW (NW)	137	1	266783 192564
75	Tanks Scale of Mapping: 1:1,250 Date of Mapping: 1948	A13NW (NW)	142	1	266821 192597
75	Tanks Scale of Mapping: 1:2,500 Date of Mapping: 1950	A13NW (NW)	142	1	266819 192597
75	Tanks Scale of Mapping: 1:1,250 Date of Mapping: 1966	A13NW (NW)	157	1	266793 192599

The following plans have been analysed for Historical Building Plans Information:

Plan Name:	Town:	Published Date:	Last Pasted Date:
104_010_1929_geo1	Swansea	1929	1929
104_010_1961_geo1	Swansea	1929	1961
104_009_1929_geo1	Swansea	1929	1929
104_009_1961_geo1	Swansea	1929	1961

The following mapping has been analysed for Historical Land Use Information:

1:10,560	Mapsheets	Published Date
Glamorganshire	024_00	1884
Glamorganshire	024_NW	1900
Glamorganshire	024_SW	1900
Glamorganshire	024_NW	1921
Glamorganshire	024_SW	1921
Glamorganshire	024_NW	1938
Glamorganshire	024_SW	1938
Ordnance Survey Plan	SS69SE	1964
1:10,000	Mapsheets	Published Date
Ordnance Survey Plan	SS69SE	1989

The following mapping has been analysed for Historical Tanks and Energy Facilities:

1:2,500	Mapsheets	Published Date
Ordnance Survey Plan	SS6692	1950
Ordnance Survey Plan	SS6792	1951
1:1,250	Mapsheets	Published Date
Ordnance Survey Plan	SS6692NE	1948
Ordnance Survey Plan	SS6692SE	1948
Ordnance Survey Plan	SS6792NW	1949
Ordnance Survey Plan	SS6792SW	1949
Ordnance Survey Plan	SS6792SW	1960
Ordnance Survey Plan	SS6692SE	1963
Ordnance Survey Plan	SS6692NE	1966
Ordnance Survey Plan	SS6792NW	1966
Ordnance Survey Plan	SS6792SW	1966
Ordnance Survey Plan	SS6692NE	1971
Ordnance Survey Plan	SS6692SE	1971
Ordnance Survey Plan	SS6792NW	1974

Contact	Name and Address	Contact Details
1	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmark.co.uk Website: www.landmarkinfo.co.uk

Historical Building Plans Information

This data set contains potentially contaminative features such as asbestos, petrol, oil and tanks captured from Historical Building Plans. The Historical Building Plans were produced by the London-based firm Charles E. Goad Ltd. as fire insurance plans, dating back to 1885. The firm ceased production of fire insurance plans in 1970. Most of the important towns and cities of the British Isles are covered. Historical Building Plans are usually at the scales of 1:480 (1 inch to 40 feet) for the British Isles. They were updated every 5-6 years by means of revision sheets designed to be pasted on to the original plans.

It should be noted that Historical Building Plans are only available for certain major towns and cities and in some cases there may only be partial coverage of the search area. It cannot therefore be assumed that the absence of responses under the Historical Building Plans section of this report indicates that no hazards exist. Please check the Historical Building Plans Map List table in the Historical Map List section of this report to establish if Historical Building Plans are available for this search area.

Historical Land Use Information

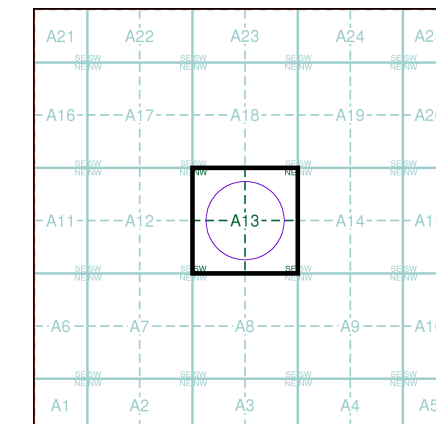
Landmark's Historical Land Use Data is the result of combined analysis of historical map data captured at 1:10,560 and 1:10,000. A unique comprehensive database of Historic Land Use from the 1840's to 1996 it includes 67 different types of potentially contaminated past industrial land use. This entailed analysing over 60,000 maps and is drawn from at least four, and up to six historical map editions. In addition a seventh layer was also created, known as the land use layer, containing areas of infilled land which are plotted via comparison between two or more map editions.

Historical Tanks and Energy Facilities

In addition to HLUD, additional analysis uncovered some of the most dangerous sources of contamination (past and present tanks, petrol storage, oil, gas, electricity, miscellaneous facilities). This data set covers over 390,000 Historical Tanks and Energy facilities in Great Britain and was captured from post war 1:2500 and 1:1250 Ordnance Survey historical mapping covering a period from 1943 to 1996.

- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Historical Building Plans**
- Area Cleared due to Enemy Action
 - Asbestos
 - Above Ground Fuel Tanks
 - Benzene/Benzole/Naphtha, Naphthalene/Kerosene
 - Electricity Generation
 - Electricity Sub-Stations
 - Gas Industry
 - Gas Storage
 - Gas Use
 - Oil Industry
 - Oil Storage
 - Oil Use
 - Paint based Oils
 - Paraffin
 - Petrol and Diesel Industry
 - Petrol and Diesel Storage
 - Petrol and Diesel Use
 - Potential Fuel Gas
 - Potential Fuel Oil
 - Potential Fuel Use
 - Potential Petrol and Diesel
 - Potential Tanks
 - Potentially Fuel-related Tanks
 - Underground Fuel Tanks
- Historical Tanks and Energy Facilities**
- Electrical Sub Station Facility
 - Electricity Industry Facility
 - Gas Industry Facility
 - Gas Monitoring Facility
 - Miscellaneous Power Facility
 - Oil Industry Facility
 - Petroleum Storage Facility
 - Potential Tank
 - Tank

Historical Data Report - Segment A13

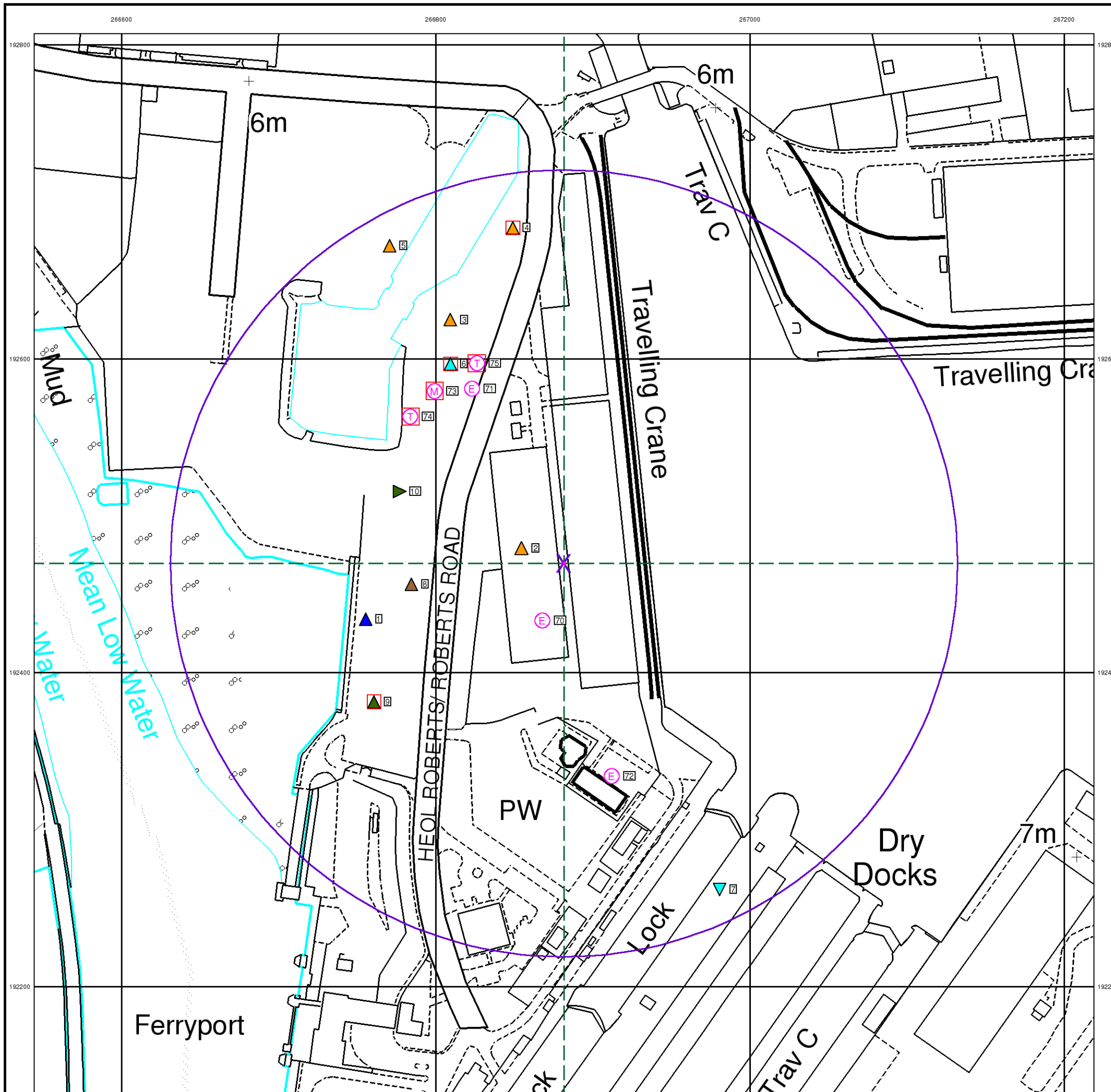


Order Details

Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Plot Buffer (m): 250

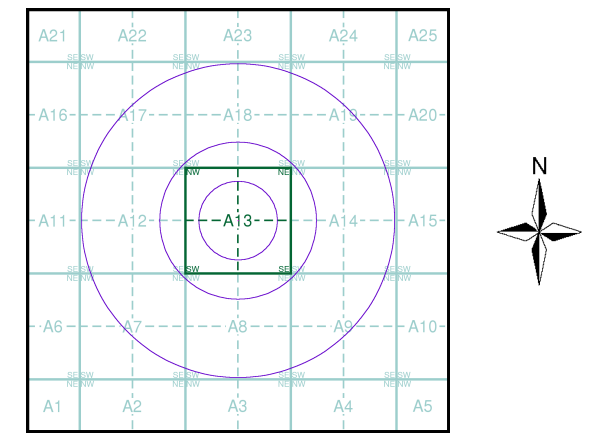
Site Details

Kings Dock, Swansea, SA1 8RU



- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Historical Building Plans**
- Area Cleared due to Enemy Action
- Historical Land Use**
- Former Marsh
 - Historical Flood Liability
 - Historical Flood Liability (Location)
 - Potentially Contaminative Industrial Use (Past Land Use)
 - Potentially Contaminative Industrial Use (Past Land Use) (Linear)
 - Potentially Contaminative Industrial Use (Past Land Use) (Location)
 - Potentially Infilled Land (Non-Water)
 - Potentially Infilled Land (Non-Water) (Linear)
 - Potentially Infilled Land (Non-Water) (Location)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water) (Linear)
 - Potentially Infilled Land (Water) (Location)

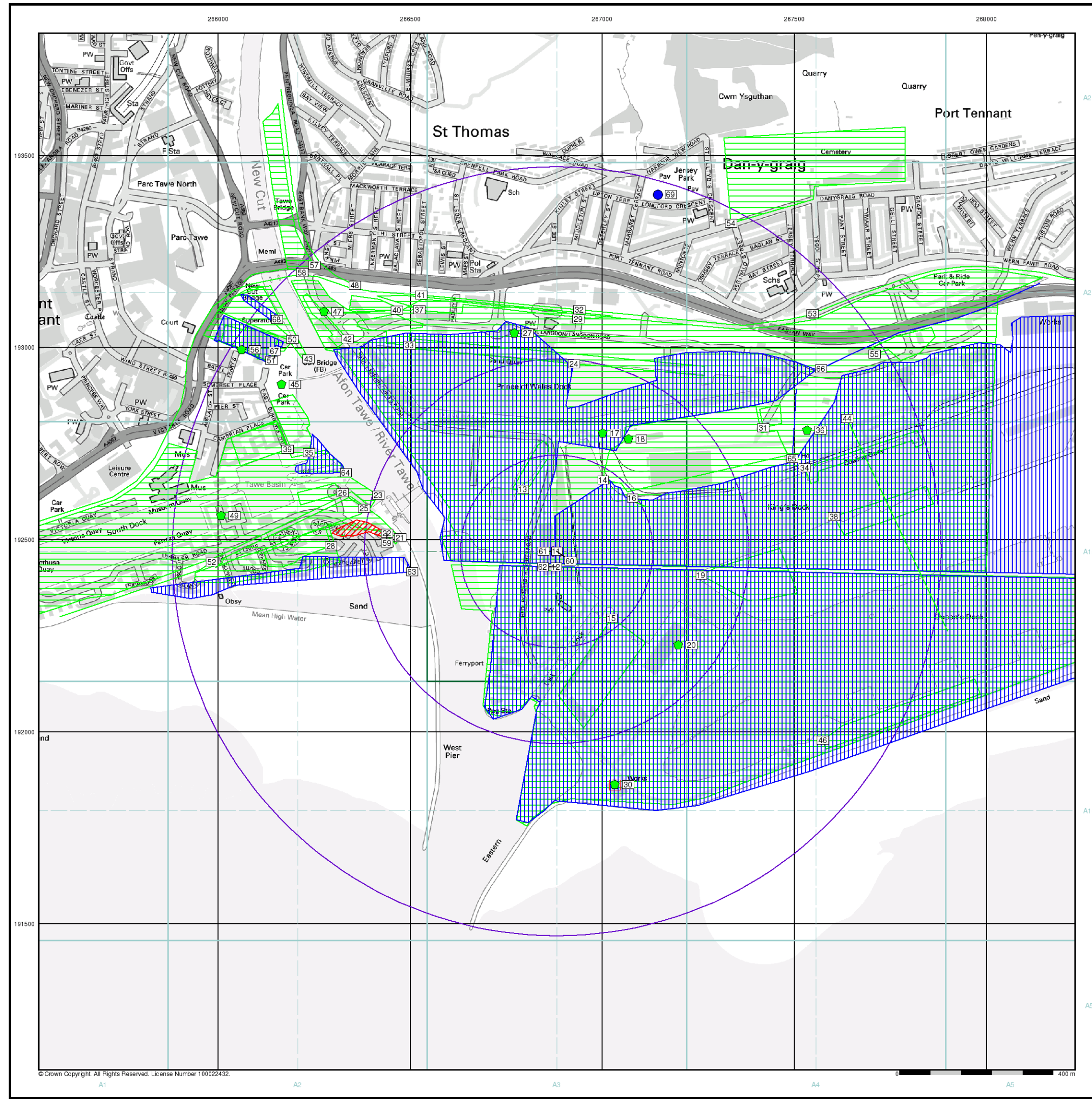
Historical Data Report - Slice Map A



Order Details

Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details
 Kings Dock, Swansea, SA1 8RU



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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		
	-285 Surface Level				
	Sketched Contour		Instrumental Contour		
	Main Roads		Minor Roads		
	Sunken Road		Raised Road		
	Road over Railway		Railway over River		
	Railway over Road		Level Crossing		
	Road over River or Canal		Road over Stream		
	Road over Stream				
	County Boundary (Geographical)				
	County & Civil Parish Boundary				
	Administrative County & Civil Parish Boundary				
	County Borough Boundary (England)				
	County Burgh Boundary (Scotland)				
	Rural District Boundary				
	Civil Parish Boundary				

Ordnance Survey Plan 1:10,000

	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Coppice		Heath
	Rough Grassland		Marsh
	Reeds		Saltings
	Building		Glasshouse
	Sloping Masonry		Pylon
	Electricity Transmission Line		Pole
	Cutting		Embankment
	Standard Gauge Multiple Track		Standard Gauge Single Track
	Siding, Tramway or Mineral Line		Narrow Gauge
	Geographical County		
	Administrative County, County Borough or County of City		
	Municipal Borough, Urban or Rural District, Burgh or District Council		
	Borough, Burgh or County Constituency Shown only when not coincident with other boundaries		
	Civil Parish Shown alternately when coincidence of boundaries occurs		
	BP, BS Boundary Post or Stone		Pol Sta Police Station
	Ch Church		PO Post Office
	CH Club House		PC Public Convenience
	F E Sta Fire Engine Station		PH Public House
	FB Foot Bridge		SB Signal Box
	Fn Fountain		Spr Spring
	GP Guide Post		TCB Telephone Call Box
	MP Mile Post		TCP Telephone Call Post
	MS Mile Stone		W Well

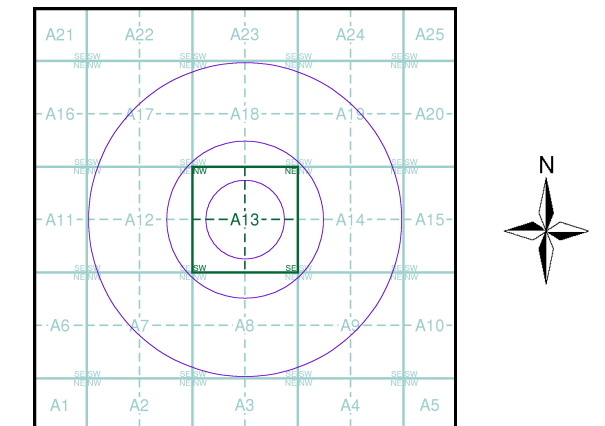
1:10,000 Raster Mapping

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

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Glamorganshire	1:10,560	1884	3
Glamorganshire	1:10,560	1900	4
Glamorganshire	1:10,560	1921	5
Glamorganshire	1:10,560	1938	6
Historical Aerial Photography	1:10,560	1949	7
Historical Aerial Photography	1:10,560	1949	8
Glamorganshire	1:10,560	1951	9
Ordnance Survey Plan	1:10,000	1964	10
Swansea	1:10,000	1976	11
Ordnance Survey Plan	1:10,000	1979	12
Ordnance Survey Plan	1:10,000	1989	13
10K Raster Mapping	1:10,000	2006	14
VectorMap Local	1:10,000	2014	15

Historical Map - Slice A



Order Details

Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Kings Dock, Swansea, SA1 8RU

Russian Military Mapping Legends

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

a. Not drawn to scale b. Drawn to scale

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

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

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

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

1:25,000 mapping

a. Not drawn to scale b. Drawn to scale

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

Key to Numbers on Mapping

SS69SE_Swansea

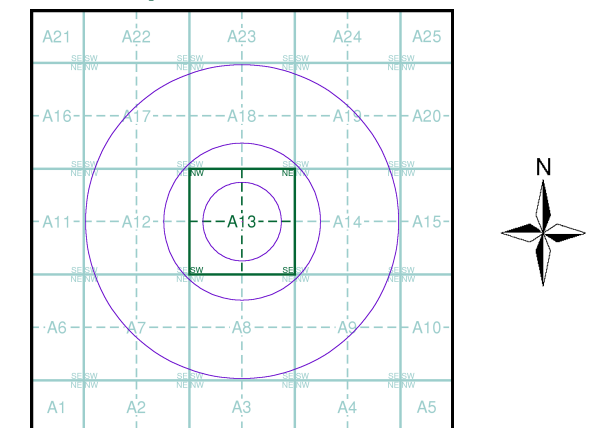
No.	Description
6	Dry Dock
7	Dry Dock
10	Factory (Briquette Fuel)
11	Factory (Briquette Fuel)
12	Factory (Briquette Fuel)
17	Factory (Ice)
57	Police Station/Headquarters
64	Post Office
81	Council/Government Buildings/Courts
83	Warehouses And Moorage
84	Warehouses And Moorage
86	Warehouses, Coal Chutes And Moorage
87	Port Administration
89	Railway Station (Freight)
91	Railway Station (Freight)
95	Water Pumping Station
98	Custom House
103	Factory (Fish Powder)
106	Locks
108	Power Station (Thermo-Electric)



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Glamorganshire	1:10,560	1884	3
Glamorganshire	1:10,560	1900	4
Glamorganshire	1:10,560	1921	5
Glamorganshire	1:10,560	1938	6
Historical Aerial Photography	1:10,560	1949	7
Historical Aerial Photography	1:10,560	1949	8
Glamorganshire	1:10,560	1951	9
Ordnance Survey Plan	1:10,000	1964	10
Swansea	1:10,000	1976	11
Ordnance Survey Plan	1:10,000	1979	12
Ordnance Survey Plan	1:10,000	1989	13
10K Raster Mapping	1:10,000	2006	14
VectorMap Local	1:10,000	2014	15

Russian Map - Slice A



Order Details

Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Kings Dock, Swansea, SA1 8RU



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

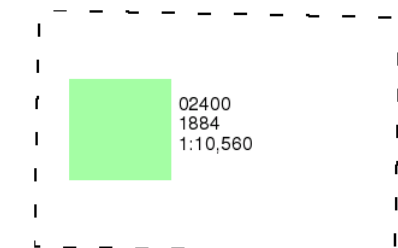
Glamorganshire

Published 1884

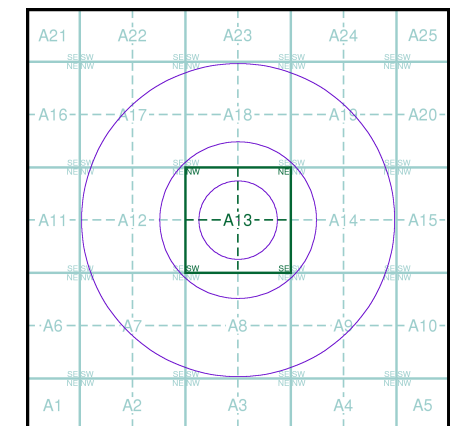
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A

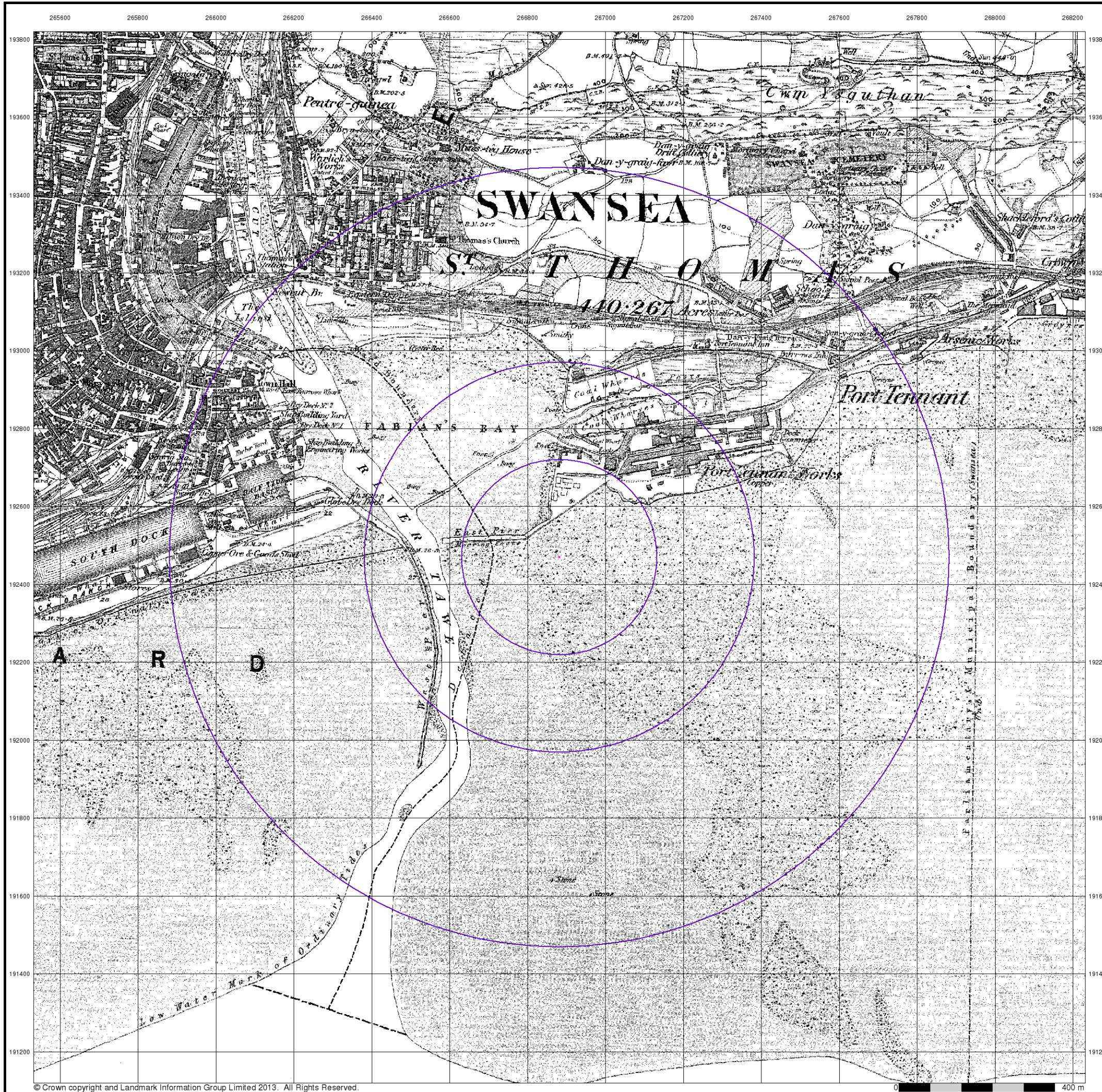


Order Details

Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Kings Dock, Swansea, SA1 8RU



Glamorganshire

Published 1900

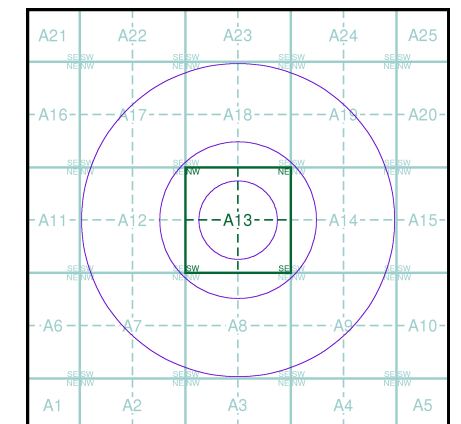
Source map scale - 1:10,560

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)

024NW	1900
1:10,560	
024SW	1900
1:10,560	

Historical Map - Slice A

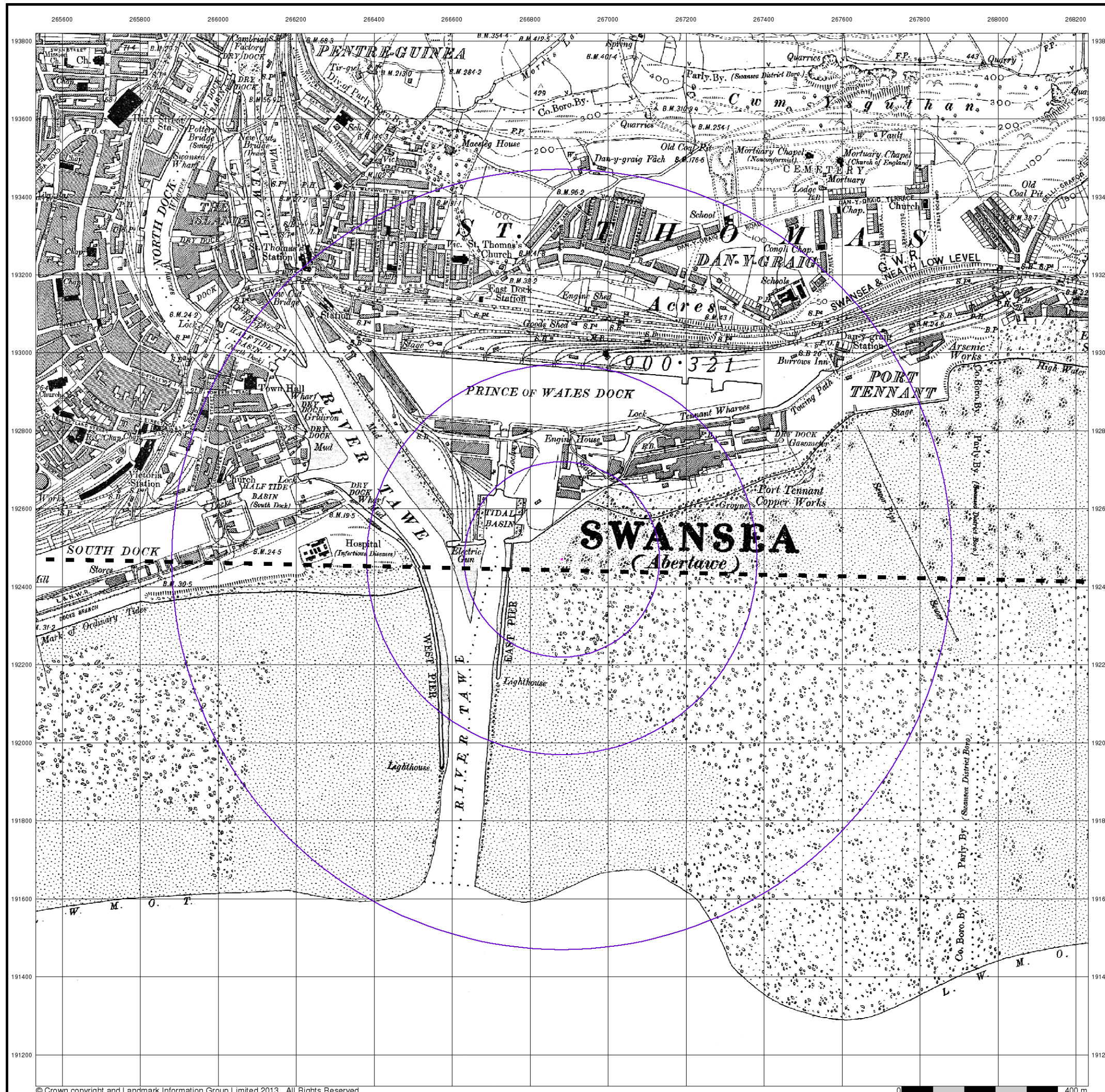


Order Details

Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Kings Dock, Swansea, SA1 8RU



Glamorganshire

Published 1921

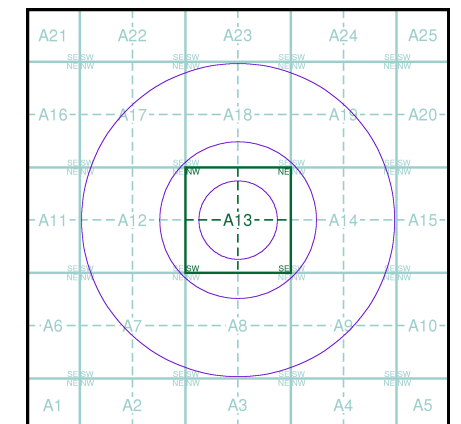
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

024NW	1921
1:10,560	
024SW	1921
1:10,560	

Historical Map - Slice A

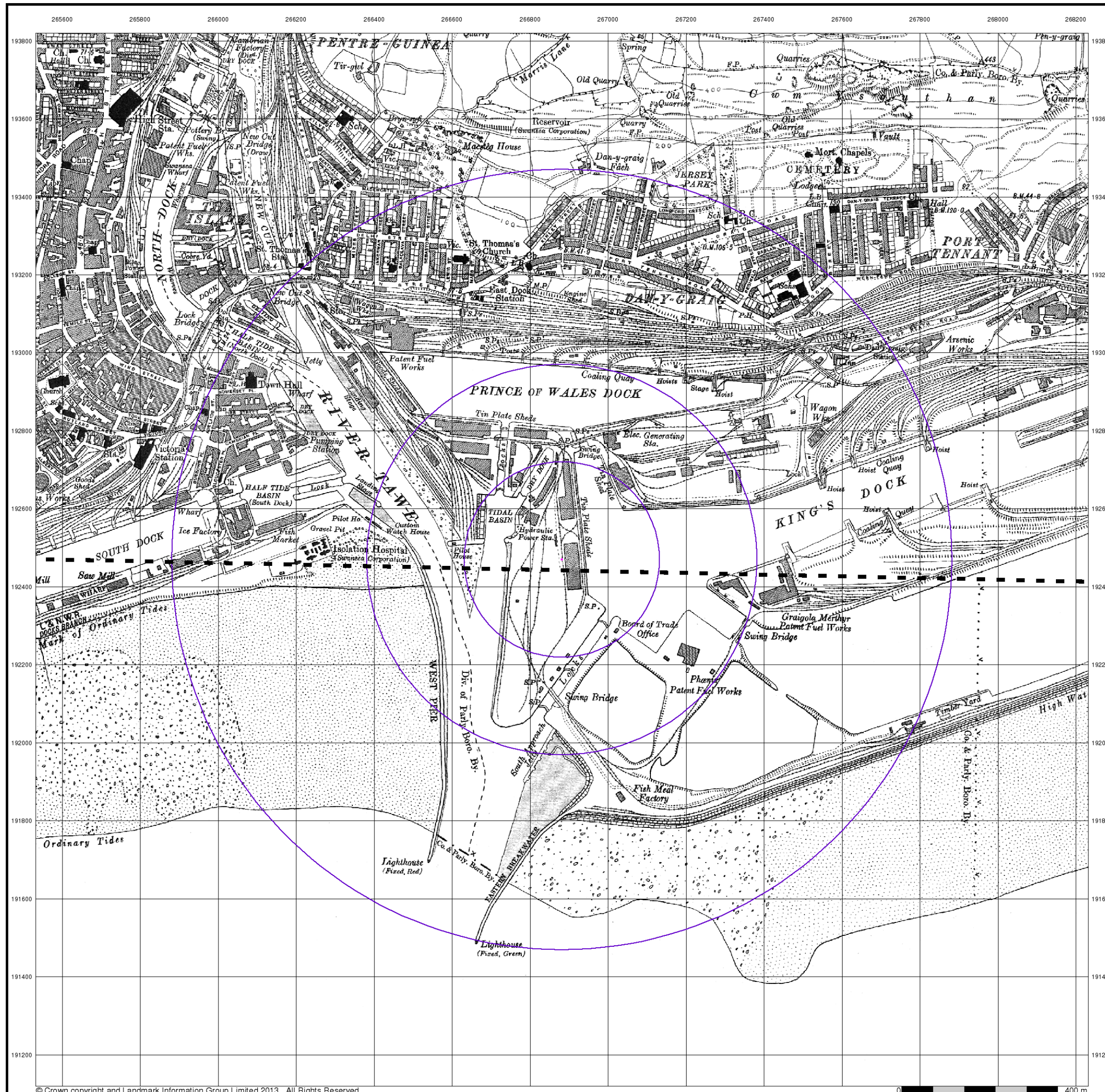


Order Details

Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Kings Dock, Swansea, SA1 8RU



Glamorganshire

Published 1938

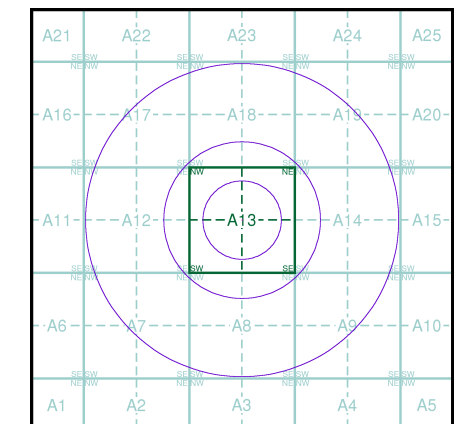
Source map scale - 1:10,560

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)

024NW	1938
1:10,560	
024SW	1938
1:10,560	

Historical Map - Slice A

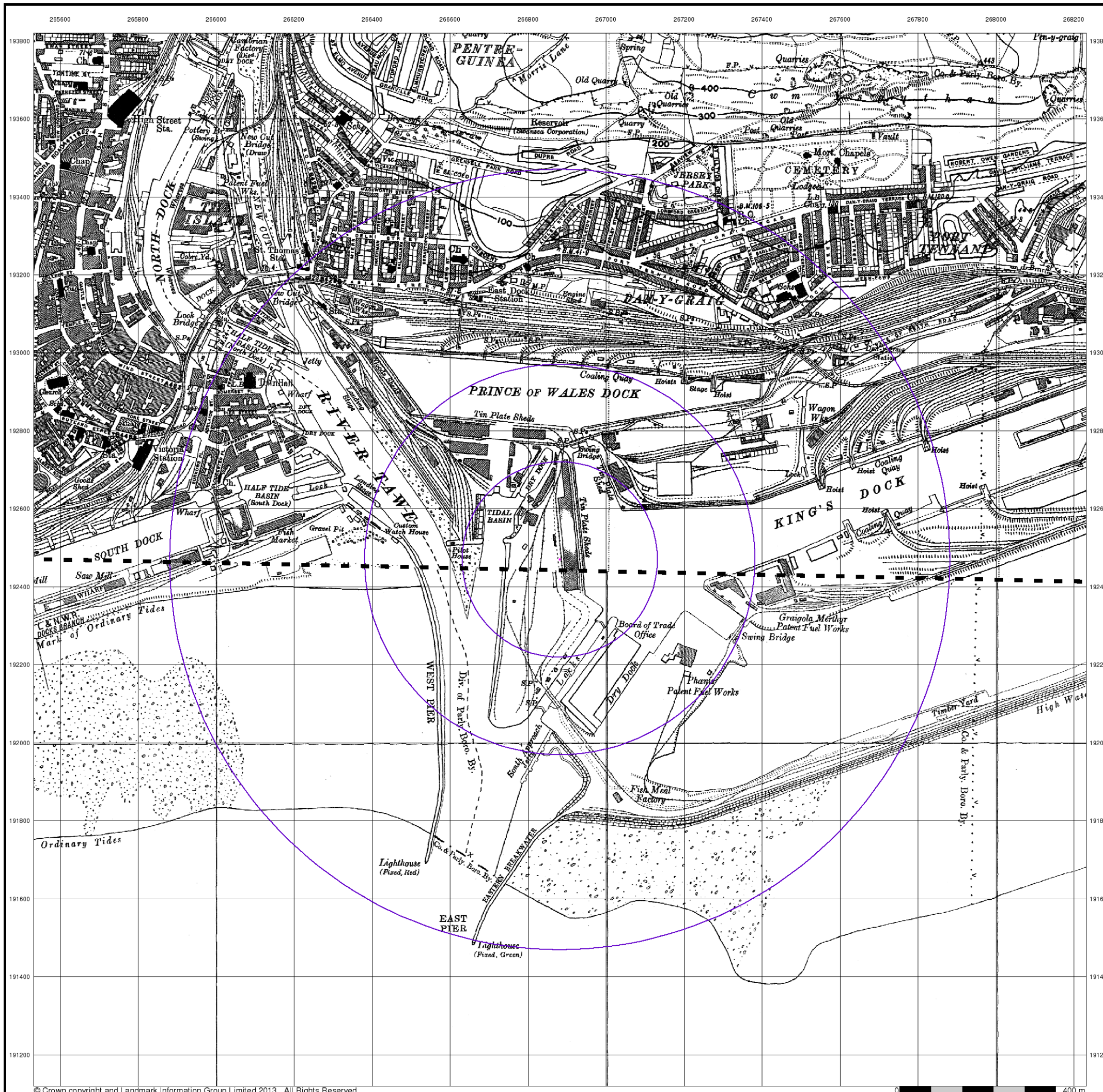


Order Details

Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Kings Dock, Swansea, SA1 8RU



Historical Aerial Photography

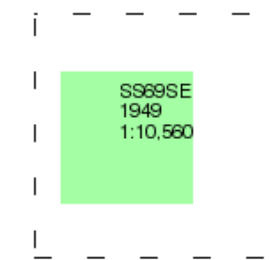
Published 1949

Source map scale - 1:10,560

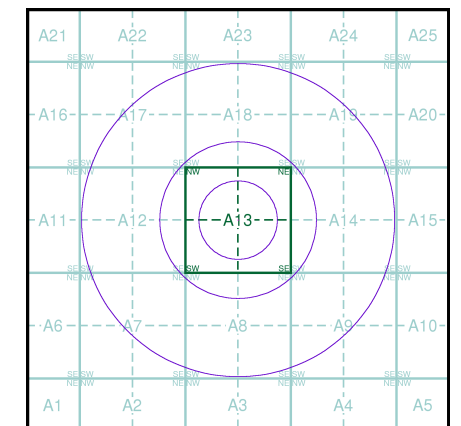
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the 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)



Historical Aerial Photography - Slice A



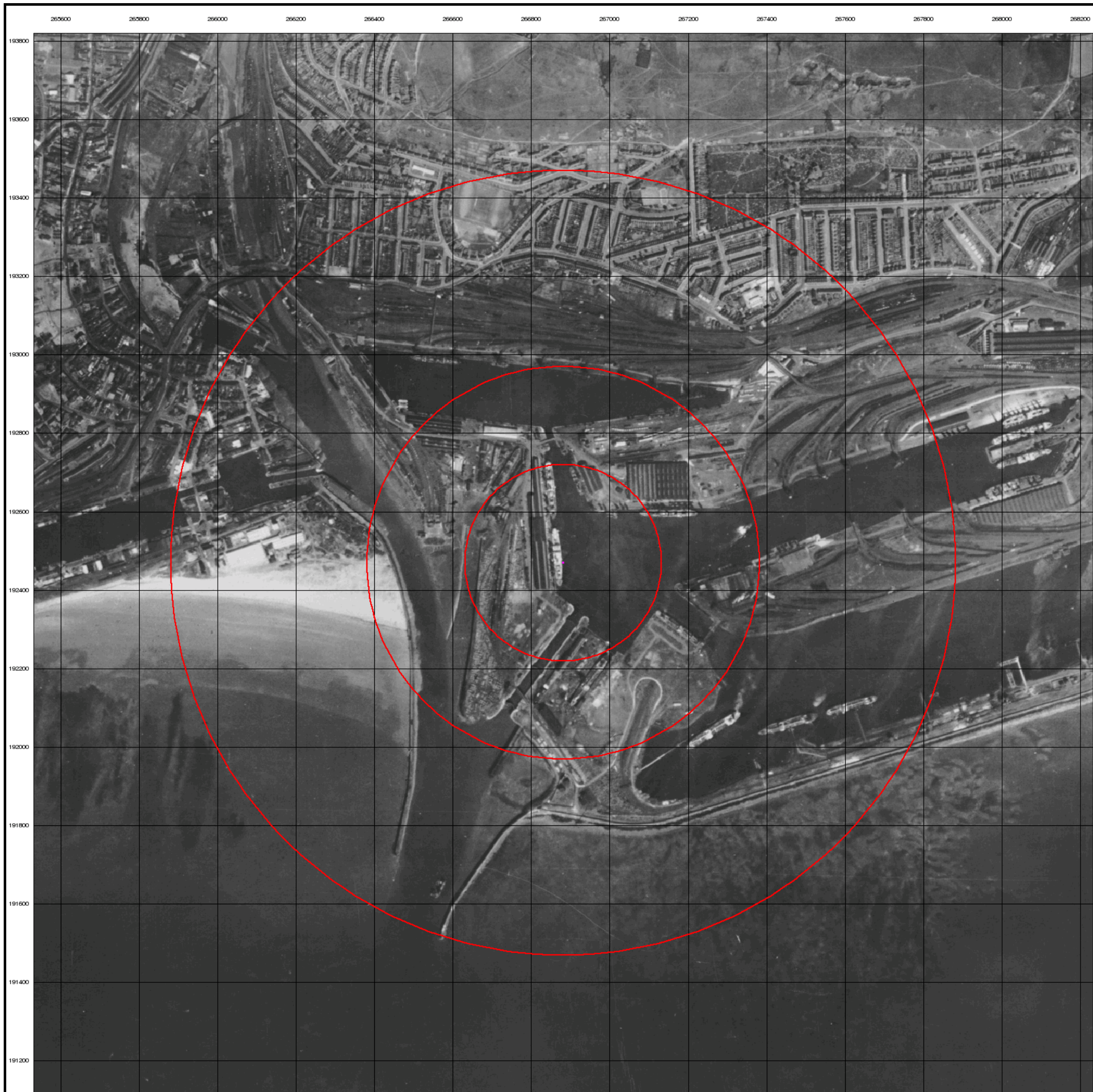
LIBRARY
HSILIRB

Order Details

Order Number: 62880715_1_1
Customer Ref: 1422
National Grid Reference: 266880, 192470
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details

Kings Dock, Swansea, SA1 8RU



Historical Aerial Photography

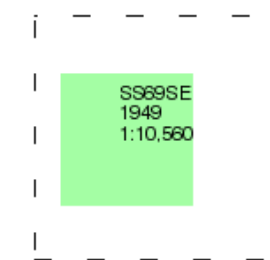
Published 1949

Source map scale - 1:10,560

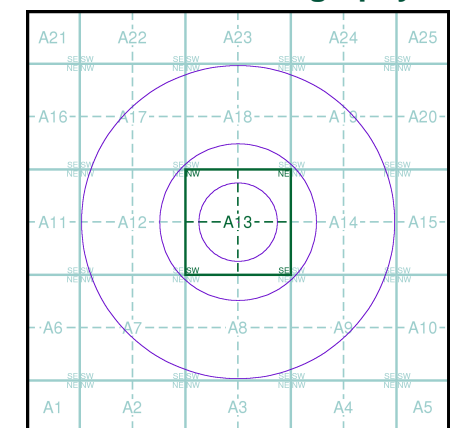
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the 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)



Historical Aerial Photography - Slice A



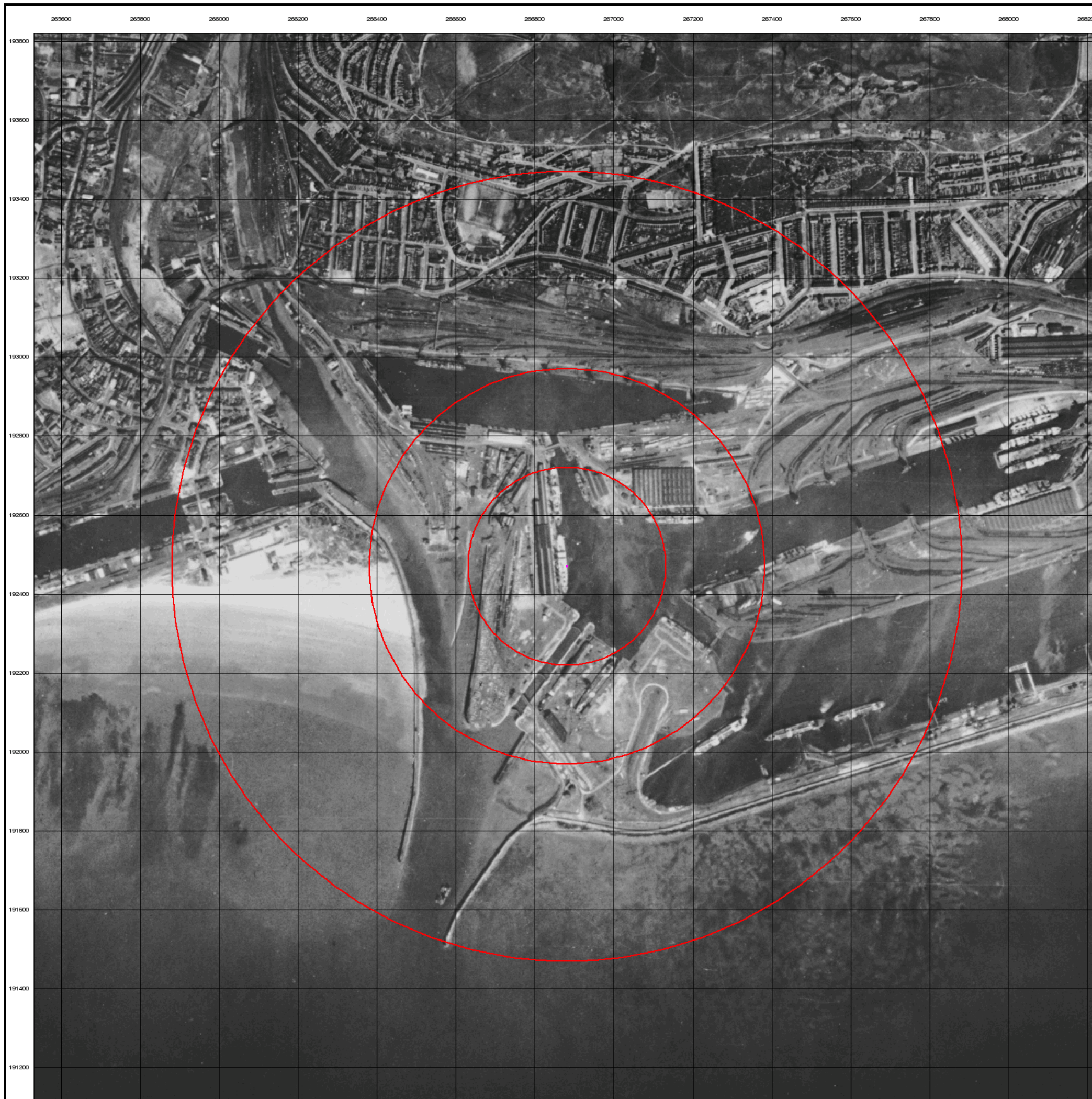
LIBRARY
HS111RB

Order Details

Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Kings Dock, Swansea, SA1 8RU



Glamorganshire

Published 1951

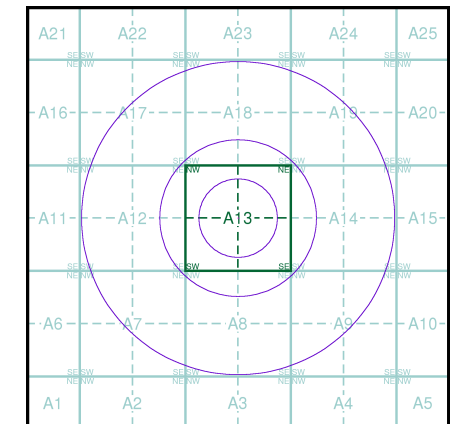
Source map scale - 1:10,560

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)

024NW	1951	1:10,560
024SW	1951	1:10,560

Historical Map - Slice A

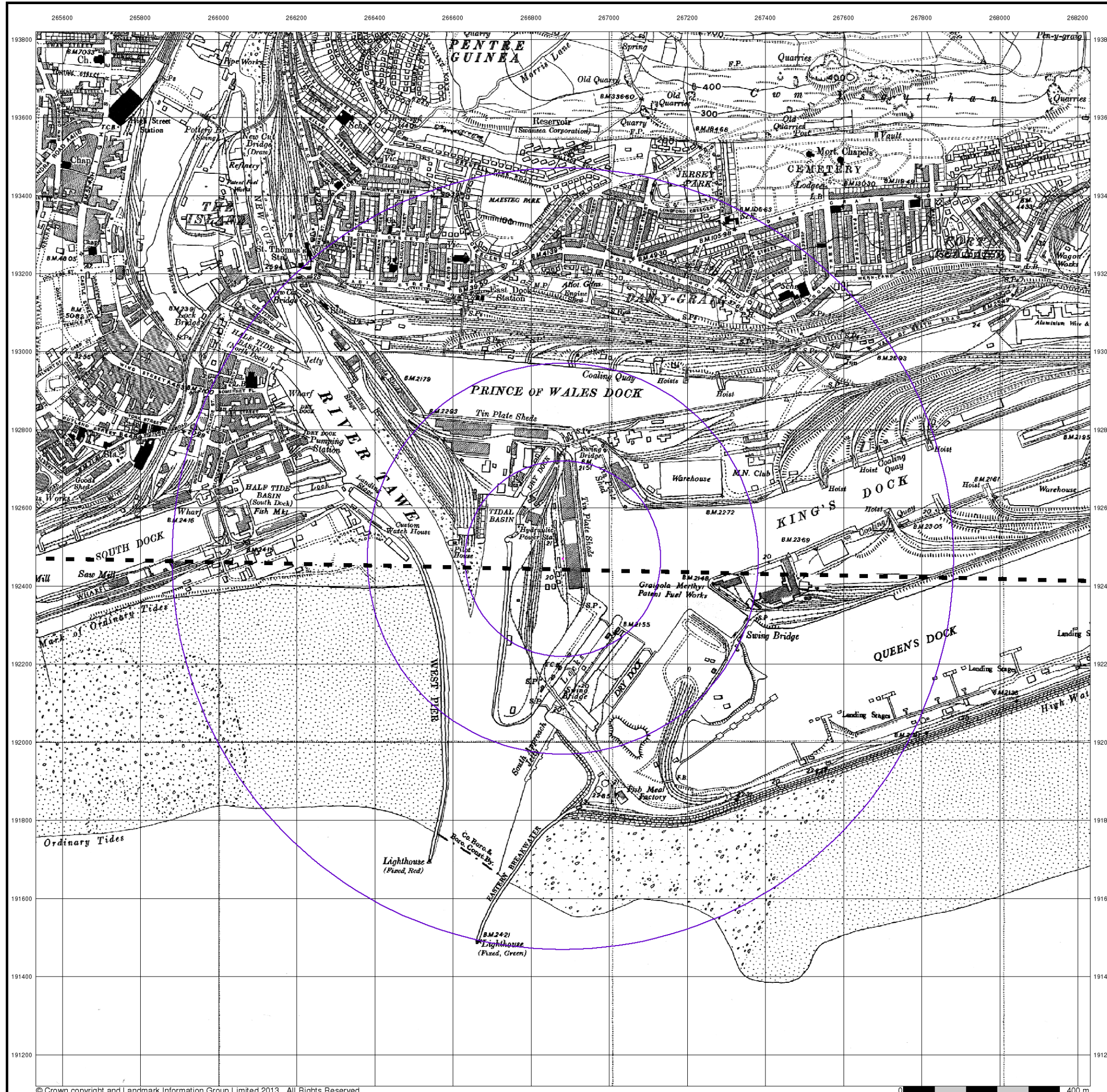


Order Details

Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Kings Dock, Swansea, SA1 8RU



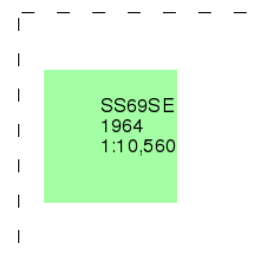
Ordnance Survey Plan

Published 1964

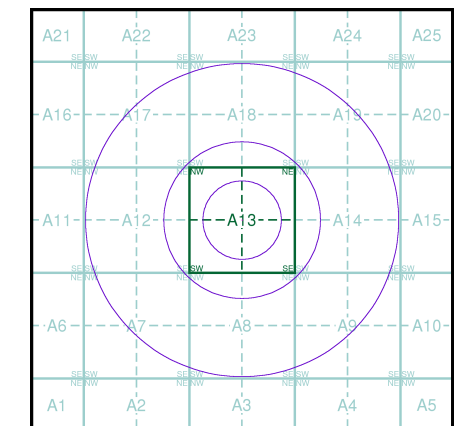
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

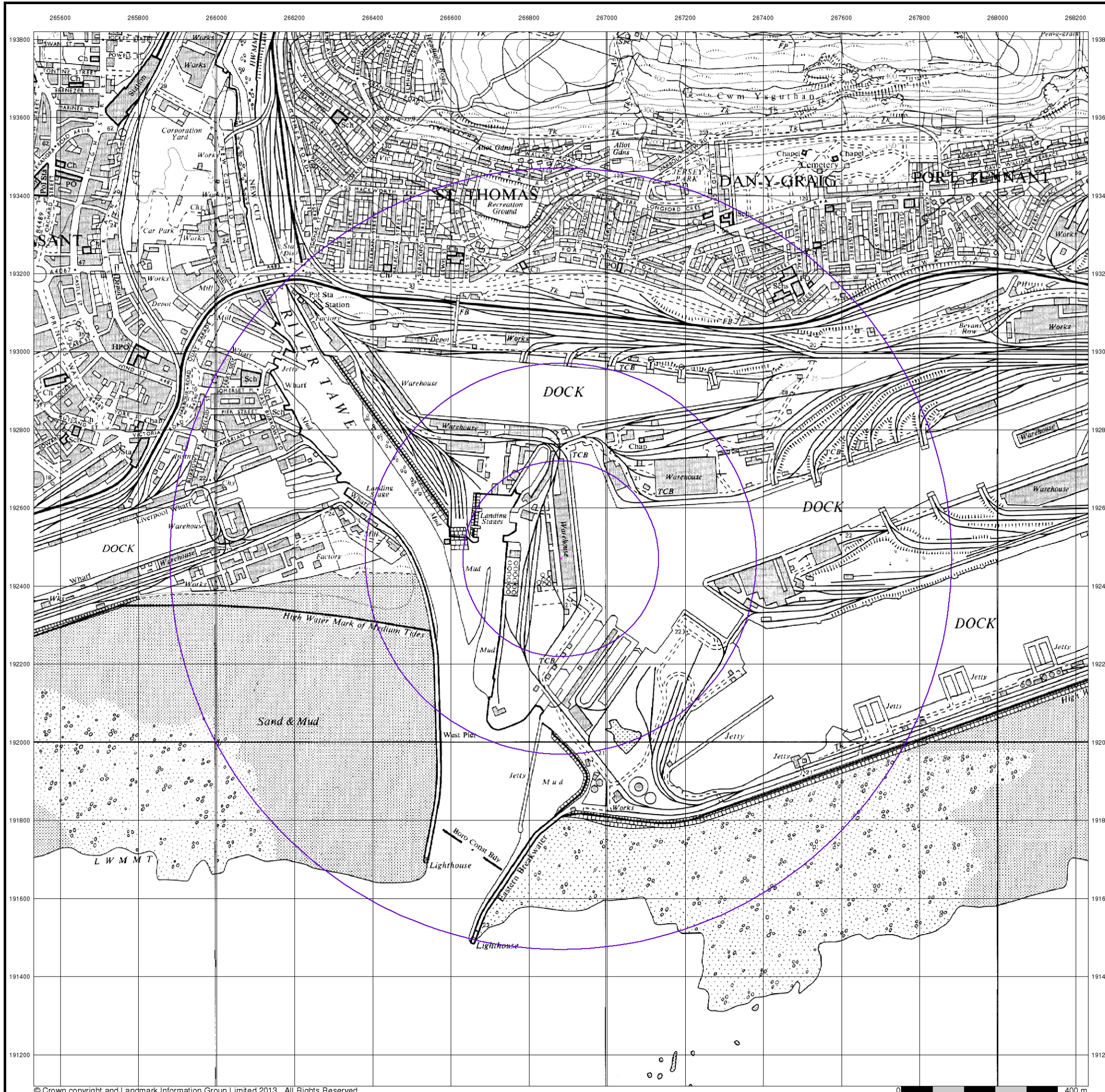


Order Details

Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Kings Dock, Swansea, SA1 8RU



Swansea

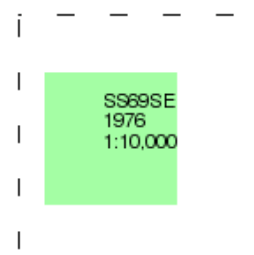
Published 1976

Source map scale - 1:10,000

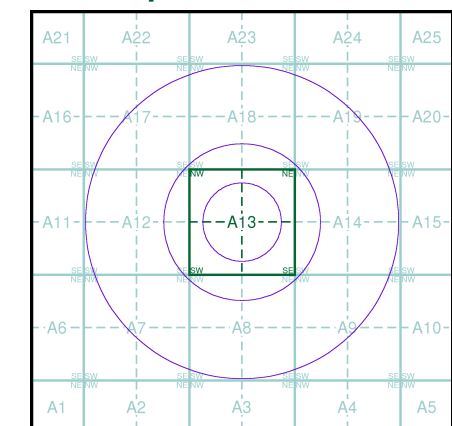
These maps were produced by the Russian military during the Cold War between 1950 and 1997, and cover 103 towns and cities throughout the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scale, and show detailed land use, with colour-coded areas for development, green areas, and non-developed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

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

Map Name(s) and Date(s)



Russian Map - Slice A



Order Details

Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Kings Dock, Swansea, SA1 8RU



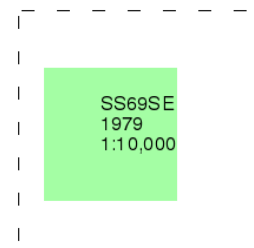
Ordnance Survey Plan

Published 1979

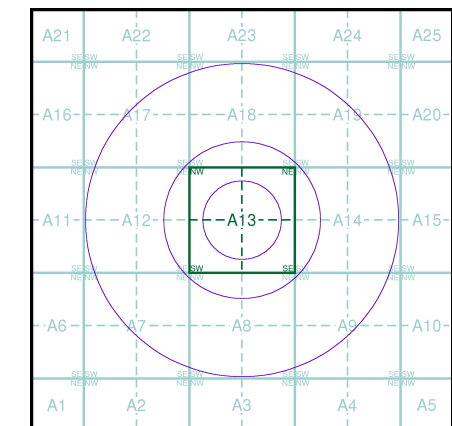
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Kings Dock, Swansea, SA1 8RU



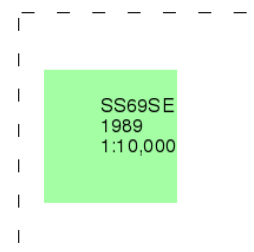
Ordnance Survey Plan

Published 1989

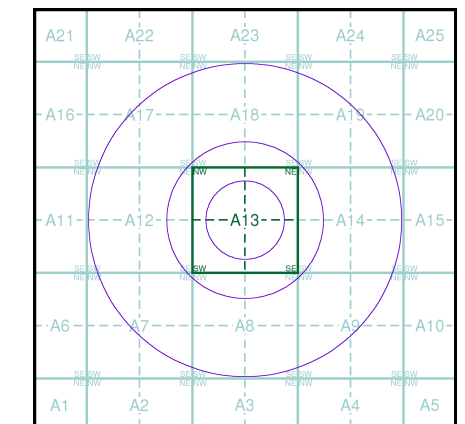
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Kings Dock, Swansea, SA1 8RU



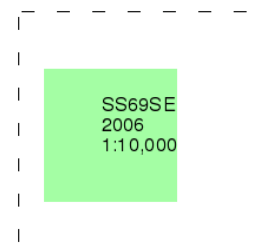
10k Raster Mapping

Published 2006

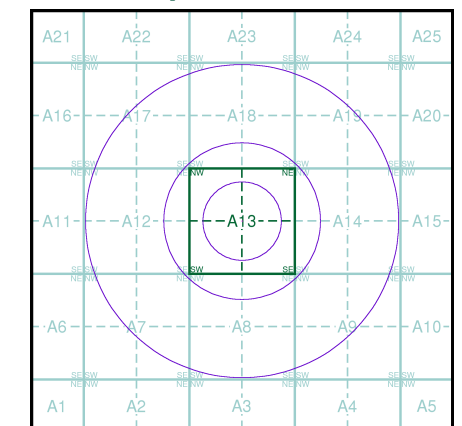
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

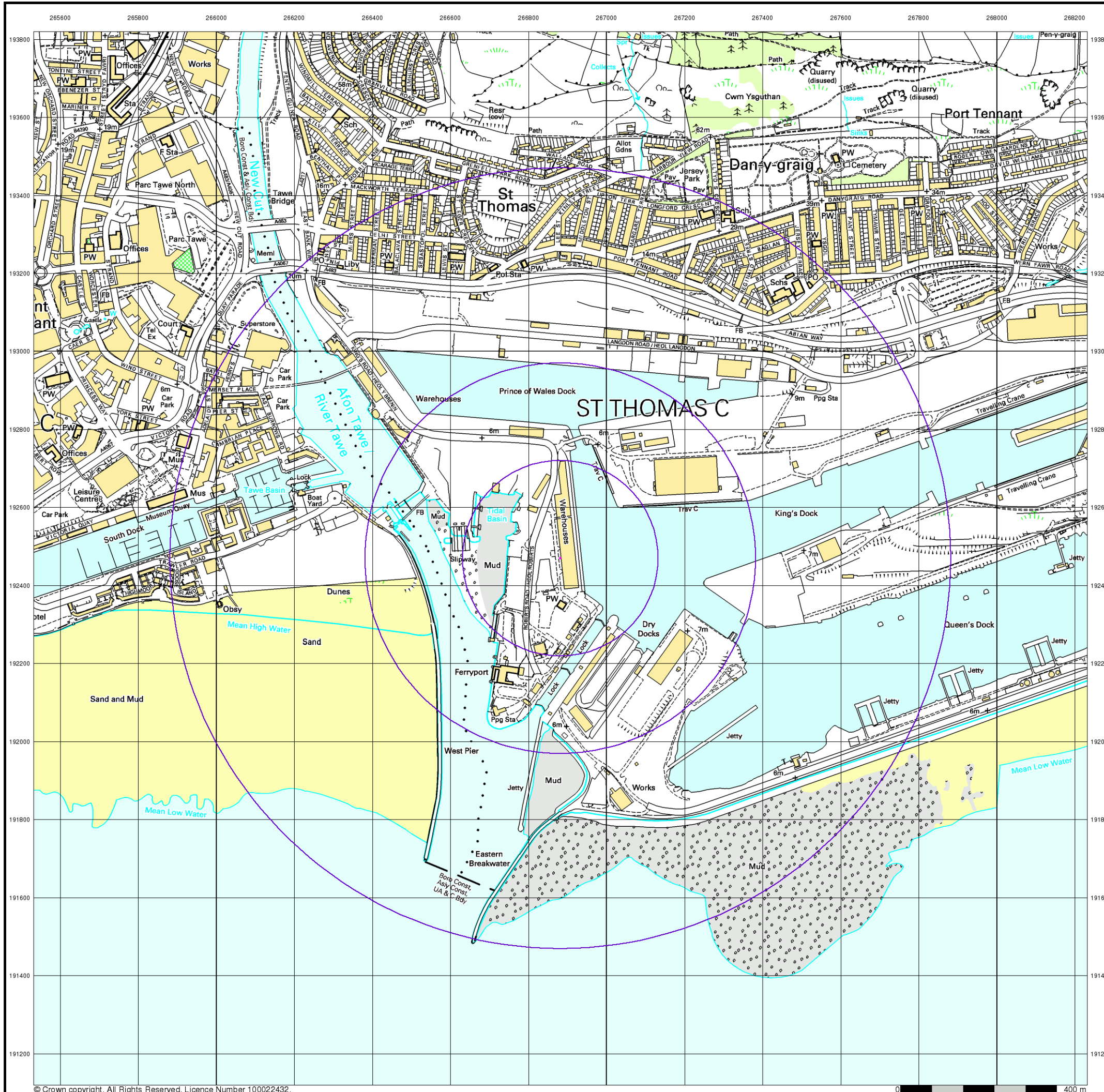


Order Details

Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Kings Dock, Swansea, SA1 8RU



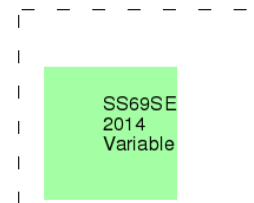
VectorMap Local

Published 2014

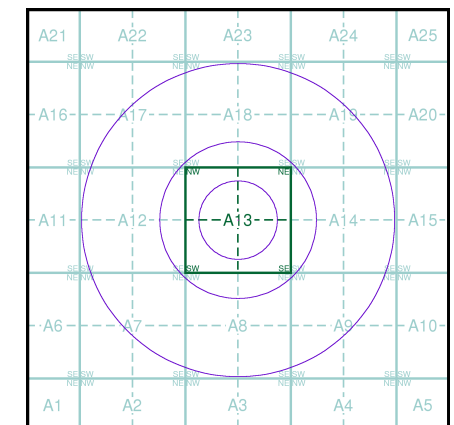
Source map scale - 1:10,000

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)



Historical Map - Slice A

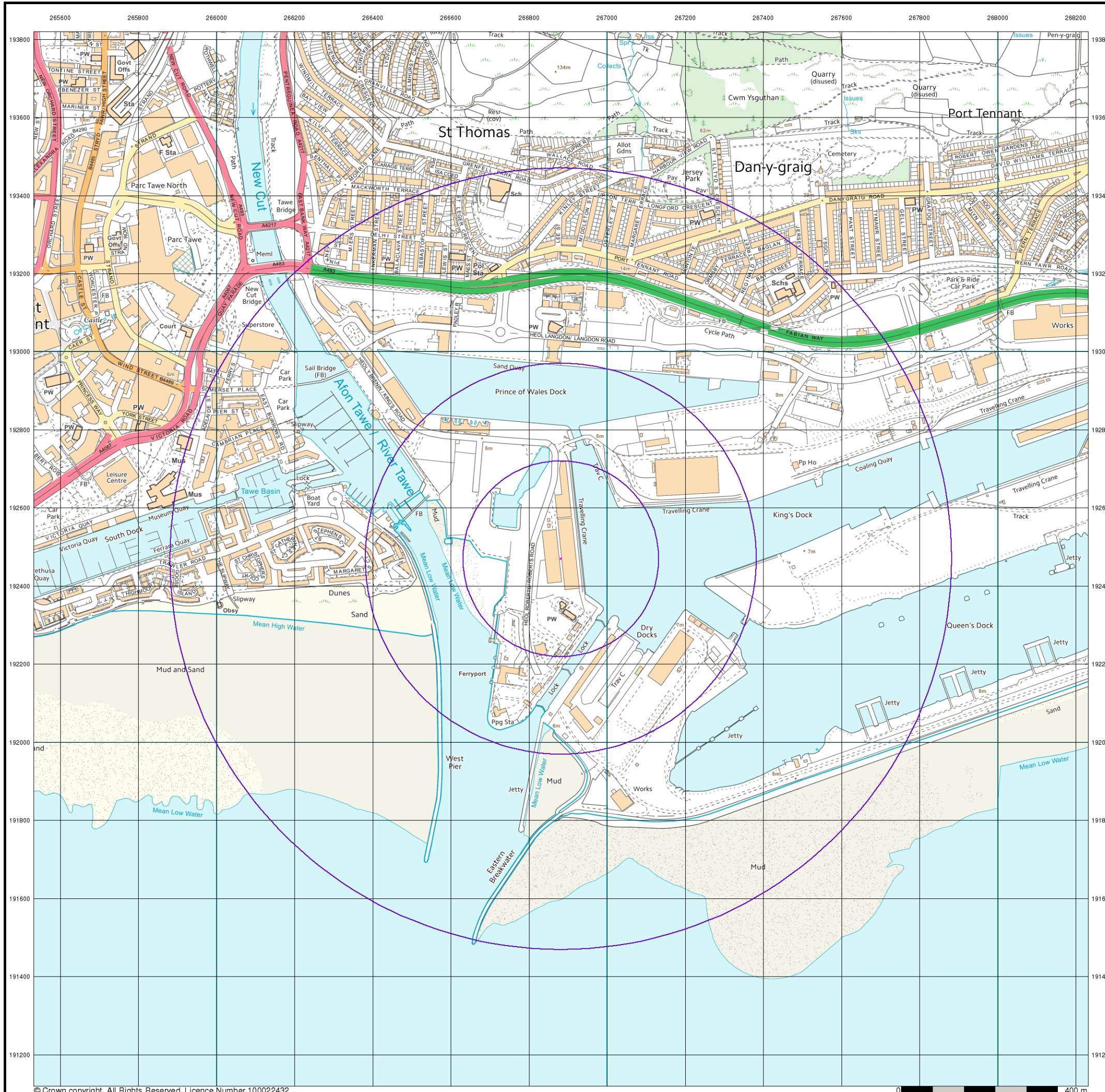


Order Details

Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Kings Dock, Swansea, SA1 8RU



CHAS. E. GOAD, LTD. 56 CROUCH HILL

EXPLANATION OF SIGNS

USED ON

INSURANCE PLANS OF TOWNS & CITIES

LONDON N.A.

ABBREVIATIONS

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

COLORS

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

WALLS

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

OPENINGS

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

WINDOWS

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

FLOORS

1, 2, 3, 3 1/2 ON BUILDINGS ARE NUMBER OF STORIES ABOVE GROUND (3 1/2 = 3 FLOORS & ATTIC)
2 & 2 B MEANS 2 STORIES & 2 BASEMENTS

SKYLIGHTS


A LESS THAN 50 SQUARE FEET (SAY 10' x 5' OR 7' x 7')
△ OPENINGS THROUGH 2 FLOORS UNDER (EACH STROKE DENOTES AN OPENING)
 WITH WELL HOLE THROUGH 3 FLOORS
 LANTERN LIGHTS SIDES ONLY GLASS OVER 50 SQ. FT. TO SCALE OR VENT OR RAISED VENTILATOR

HOISTS & LIFTS

H OPEN
H OPEN TO STREET
H ENCLOSED BRICK OR FIRE RESISTING
H ENCLOSED WOOD OR PLASTER
H WIRED GLASS DOORS
H IRON DOORS SHOWN AS EXPLAINED UNDER "OPENINGS"

ROOFS

ASB. ASBESTOS
C CONCRETE
CORR. CORRUGATED IRON
T METAL
P PATENT (FELT 3/8")
O SLATE
T TILL

PROFILES

 WITH NORTH LIGHTS

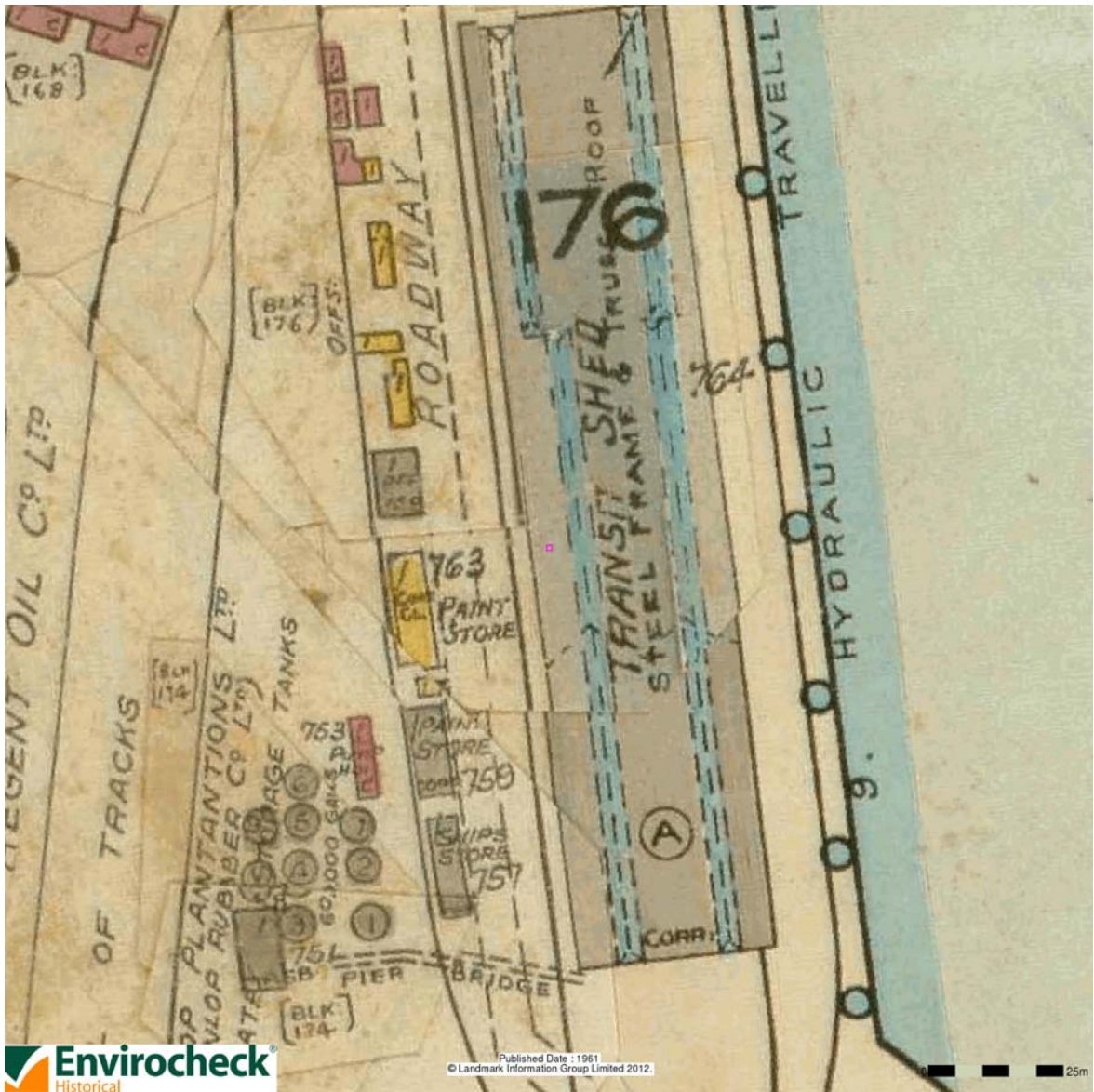
SUNDRIES

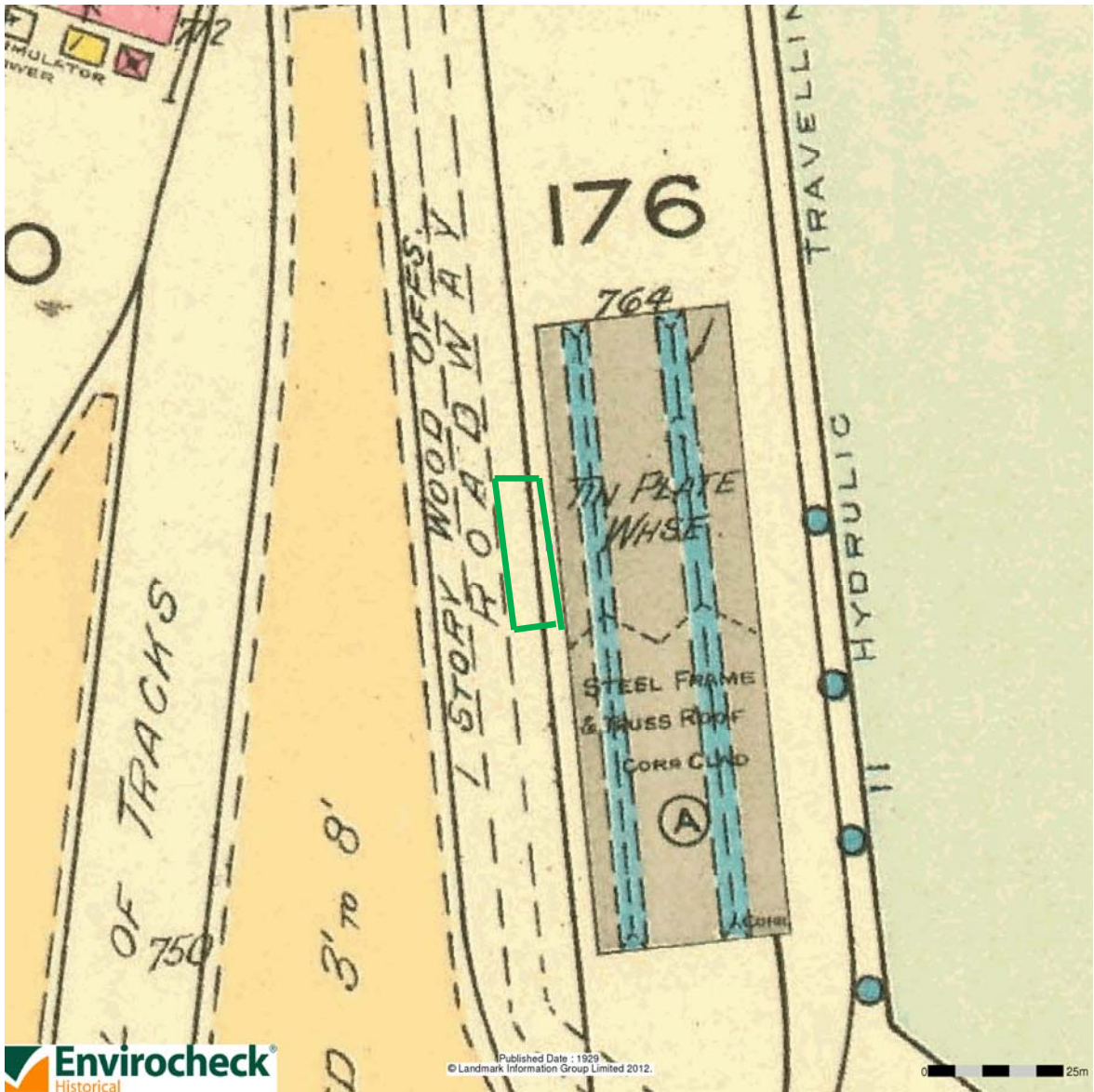
STEAM BOILERS
 BOILER SET IN BRICK
 FACTORY CHIMNEYS
 STEAM ENGINE
 OVERHANGING WOOD CORNICE
 FIRE ALARM BOX
 ON KEY PLAN
 HYDRANT
 HYDRAULIC HYDRANT
 PRIVATE HYDRANT OR STAND PIPE
 DOUBLE HYDRANT
 SALT WATER HYDRANT
 SPRINKLER OR AUTO ALARM BELL

REFERENCE NUMBERS

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

Copyright 1926





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

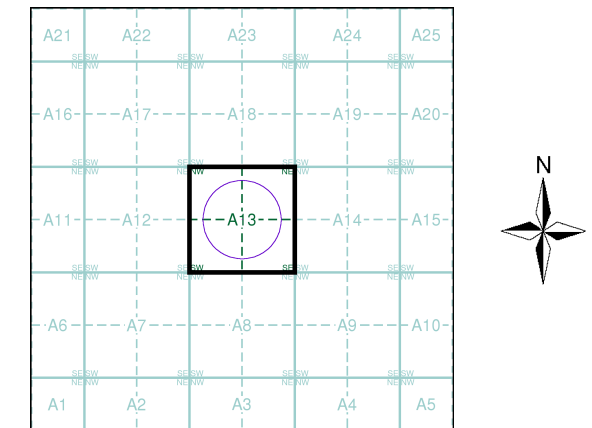
Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **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	1879	2
Glamorganshire	1:2,500	1899	3
Glamorganshire	1:2,500	1918 - 1919	4
Historical Aerial Photography	1:1,250	1946 - 1947	5
Ordnance Survey Plan	1:1,250	1948 - 1949	6
Ordnance Survey Plan	1:2,500	1950 - 1951	7
Ordnance Survey Plan	1:1,250	1960 - 1966	8
Ordnance Survey Plan	1:1,250	1966 - 1974	9
Additional SIMs	1:1,250	1989 - 1991	10
Large-Scale National Grid Data	1:1,250	1992	11
Large-Scale National Grid Data	1:1,250	1996	12

Historical Map - Segment A13



Order Details

Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 250

Site Details

Kings Dock, Swansea, SA1 8RU



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

Glamorganshire

Published 1879

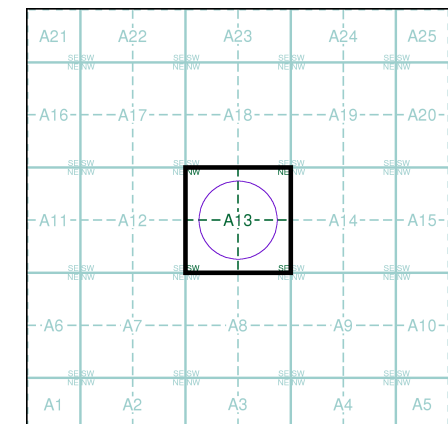
Source map scale - 1:2,500

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)

024_05 1879 1:2,500	024_06 1879 1:2,500
024_09 1879 1:2,500	024_10 1879 1:2,500

Historical Map - Segment A13

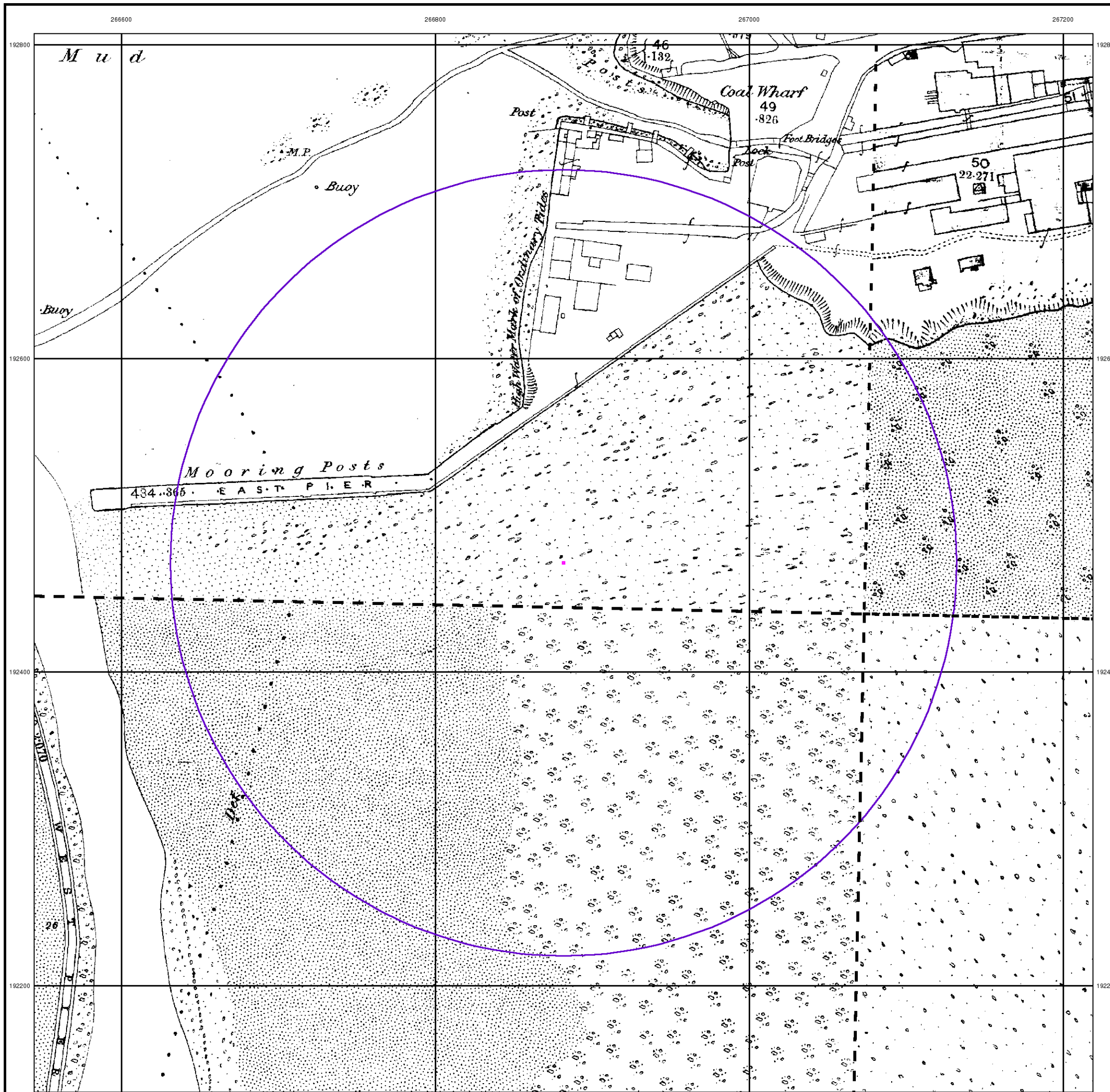


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 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 250

Site Details

Kings Dock, Swansea, SA1 8RU



Glamorganshire

Published 1899

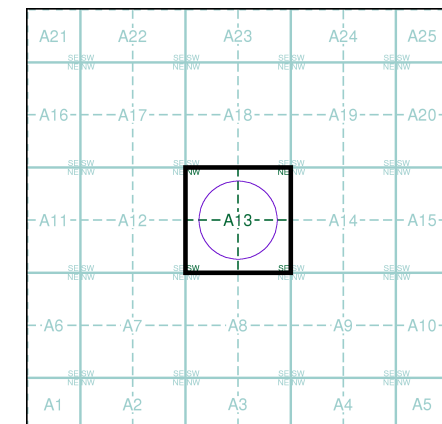
Source map scale - 1:2,500

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)

024_05 1899 1:2,500	024_06 1899 1:2,500
024_09 1899 1:2,500	

Historical Map - Segment A13

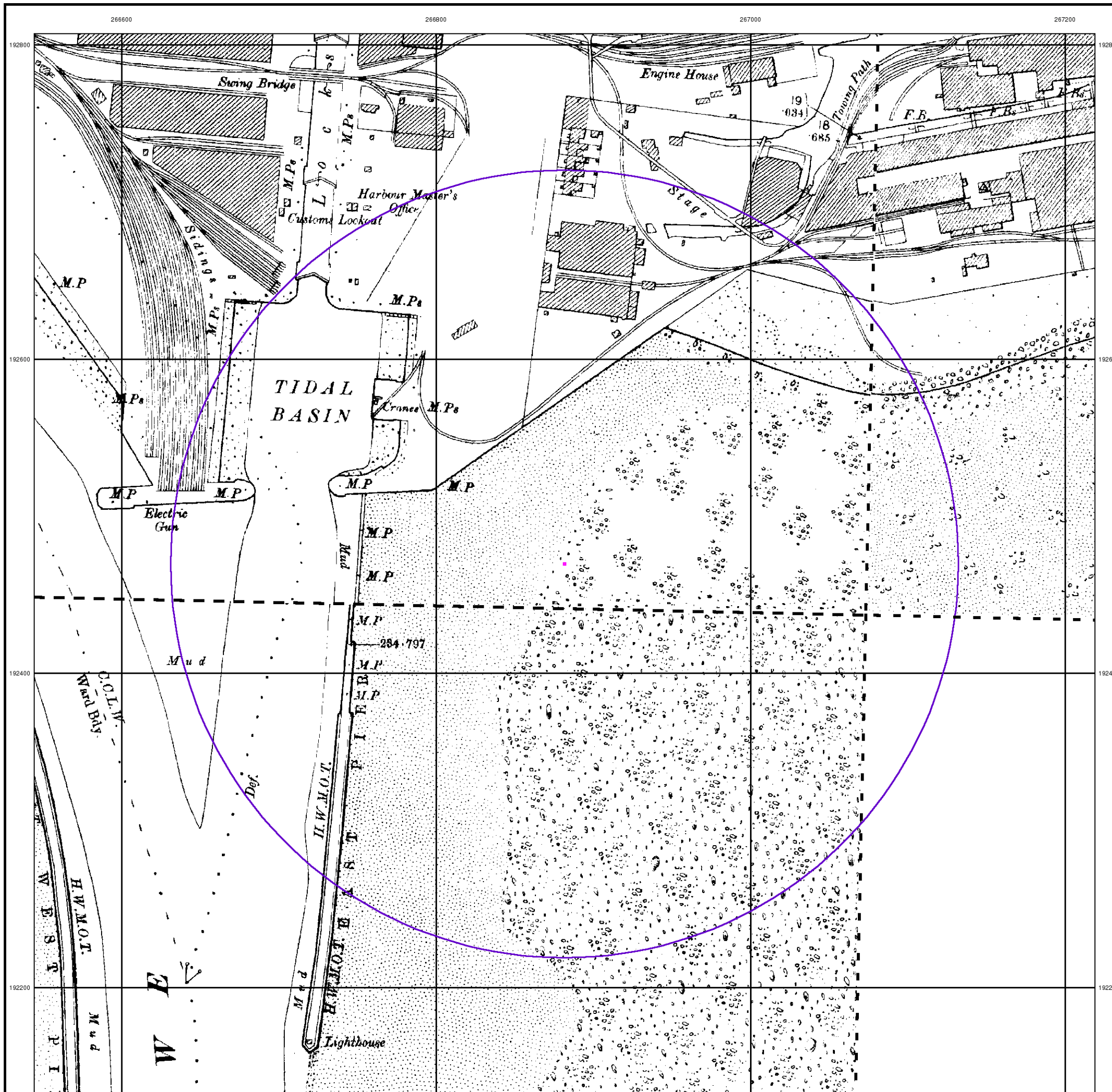


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Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 250

Site Details

Kings Dock, Swansea, SA1 8RU



Glamorganshire

Published 1918 - 1919

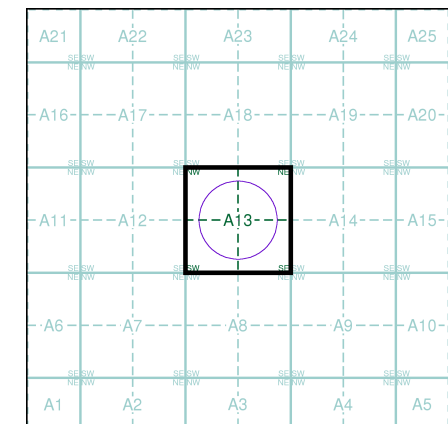
Source map scale - 1:2,500

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)

024_05 1919 1:2,500	024_06 1919 1:2,500
024_09 1919 1:2,500	024_10 1918 1:2,500

Historical Map - Segment A13

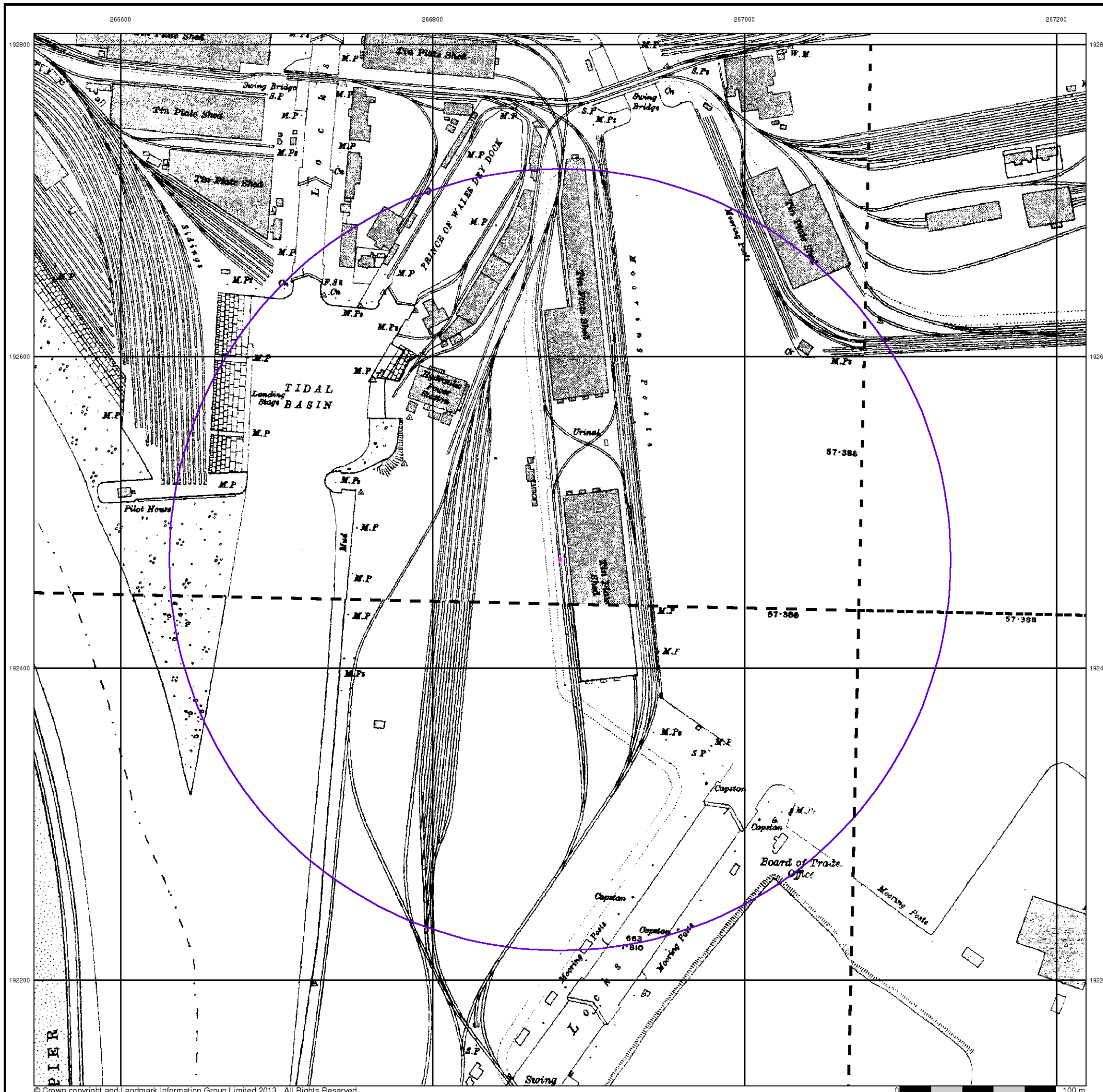


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Site Details

Kings Dock, Swansea, SA1 8RU



Historical Aerial Photography

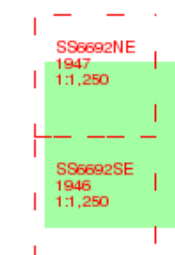
Published 1946 - 1947

Source map scale - 1:1,250

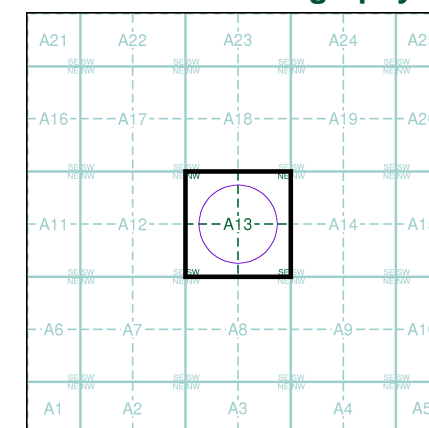
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the 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)



Historical Aerial Photography - Segment A13

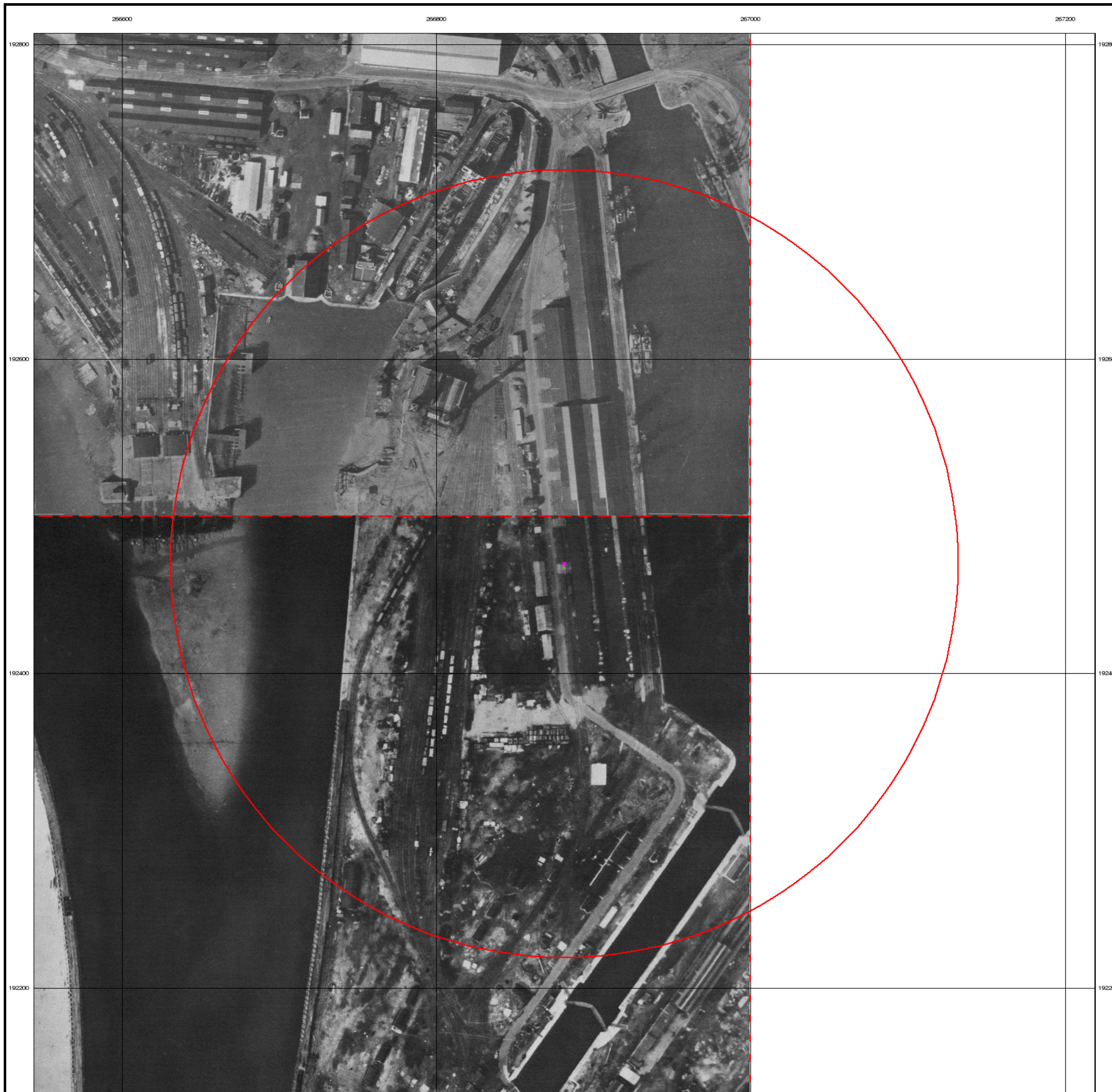


Order Details

Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 250

Site Details

Kings Dock, Swansea, SA1 8RU



Ordnance Survey Plan

Published 1948 - 1949

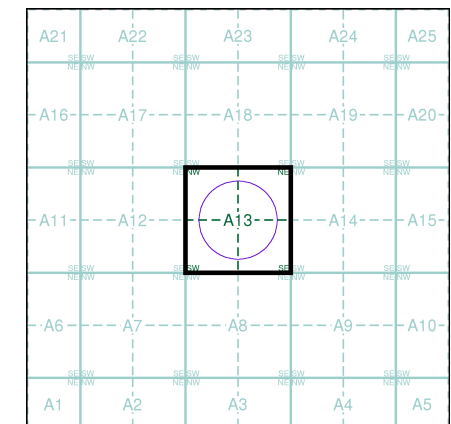
Source map scale - 1:1,250

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)

SS6692NE 1948 1:1,250	SS6792NW 1949 1:1,250
SS6692SE 1948 1:1,250	SS6792SW 1949 1:1,250

Historical Map - Segment A13

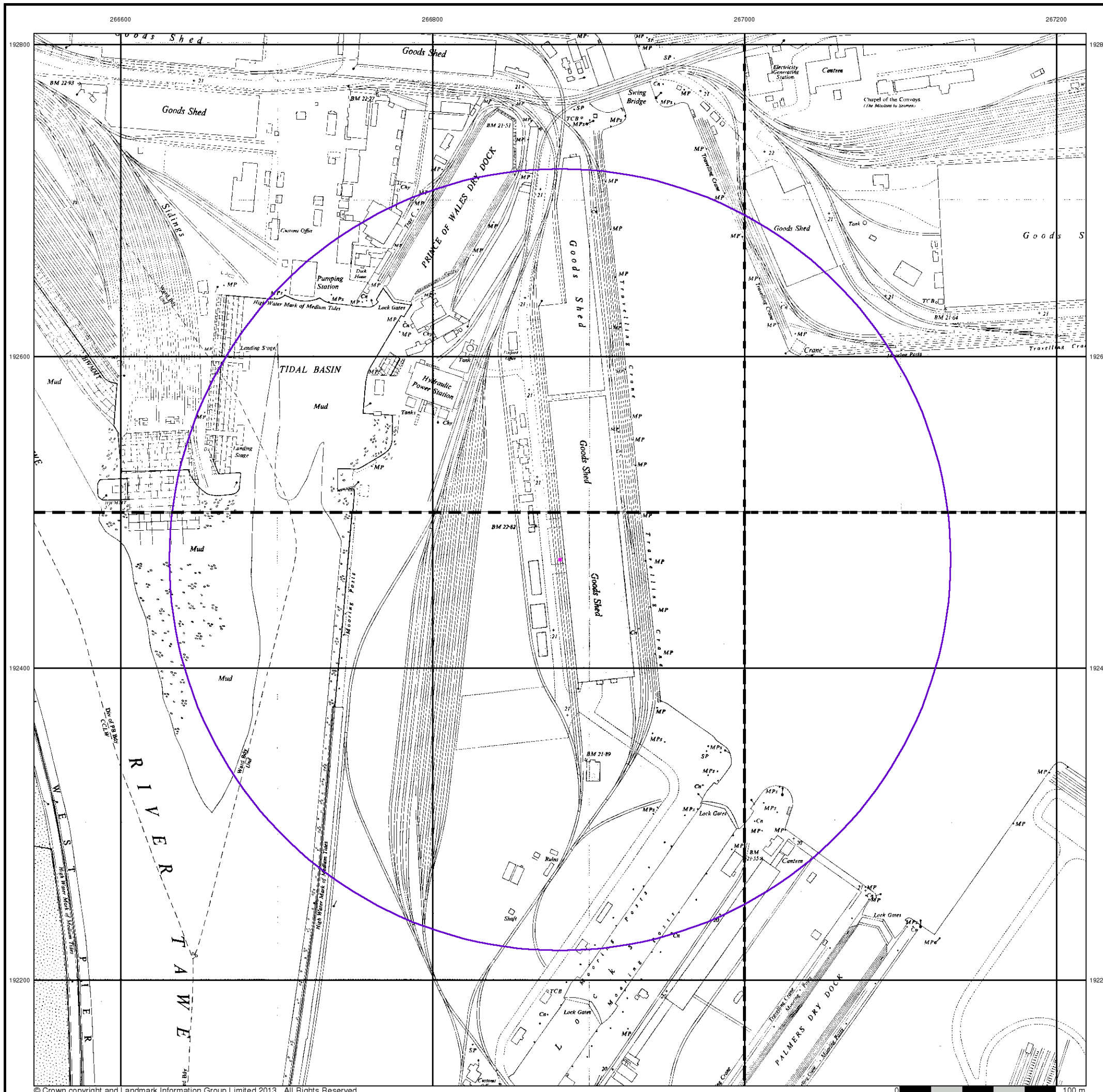


Order Details

Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 250

Site Details

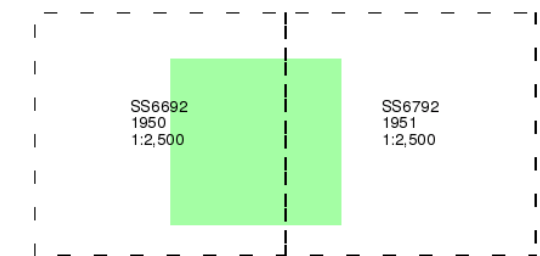
Kings Dock, Swansea, SA1 8RU



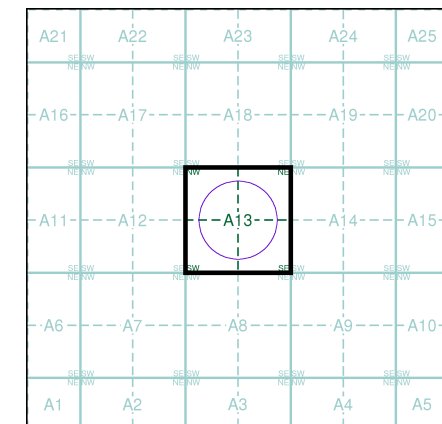
Ordnance Survey Plan
Published 1950 - 1951
Source map scale - 1:2,500

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

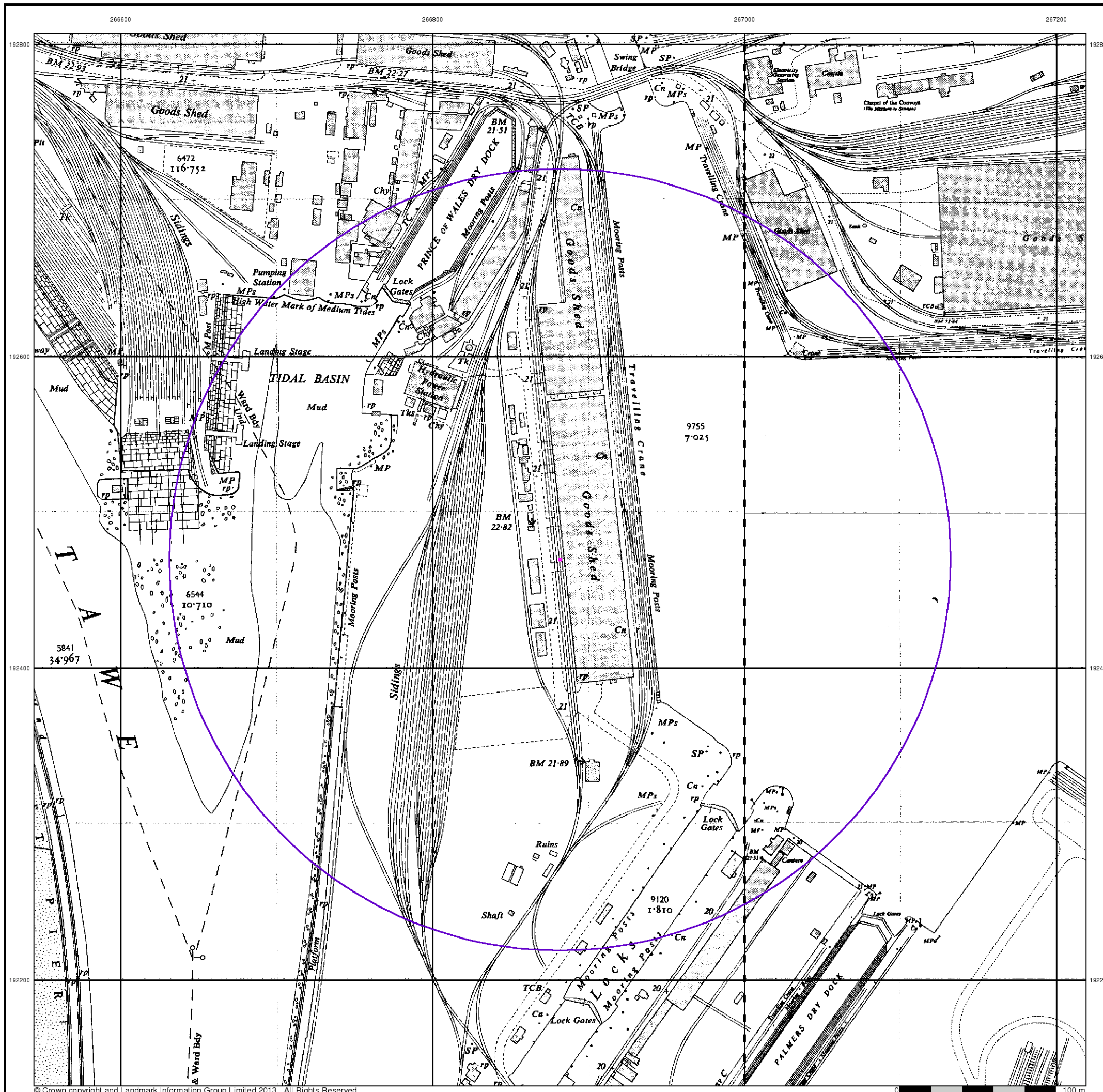


Order Details

Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 250

Site Details

Kings Dock, Swansea, SA1 8RU



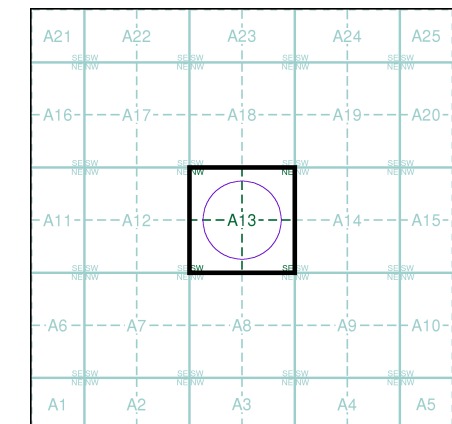
Ordnance Survey Plan
Published 1960 - 1966
Source map scale - 1:1,250

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)

SS6692NE 1966 1:1,250	SS6792NW 1966 1:1,250
SS6692SE 1963 1:1,250	SS6792SW 1960 1:1,250

Historical Map - Segment A13

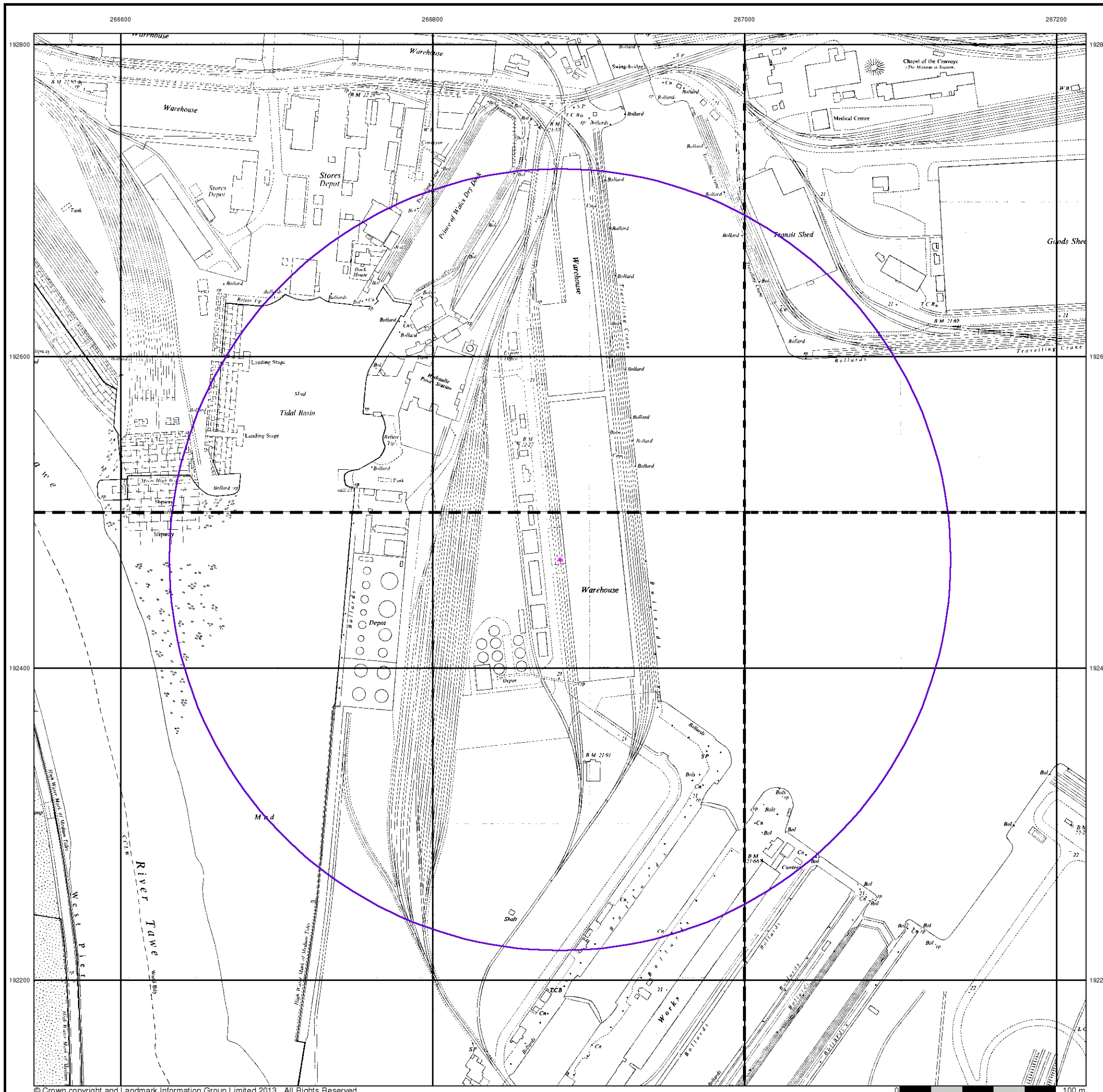


Order Details

Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 250

Site Details

Kings Dock, Swansea, SA1 8RU



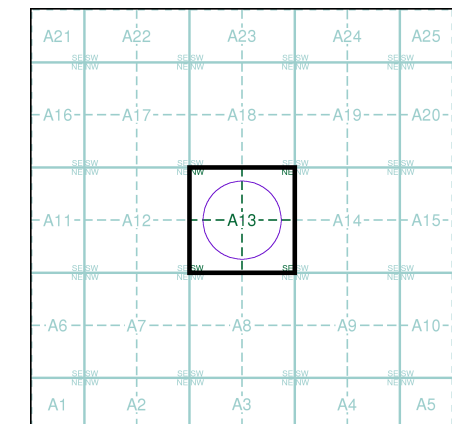
Ordnance Survey Plan
Published 1966 - 1974
Source map scale - 1:1,250

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)

SS6692NE 1971 1:1,250	SS6792NW 1974 1:1,250
SS6692SE 1971 1:1,250	SS6792SW 1966 1:1,250

Historical Map - Segment A13



Order Details

Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 250

Site Details

Kings Dock, Swansea, SA1 8RU



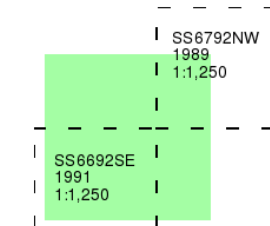
Additional SIMs

Published 1989 - 1991

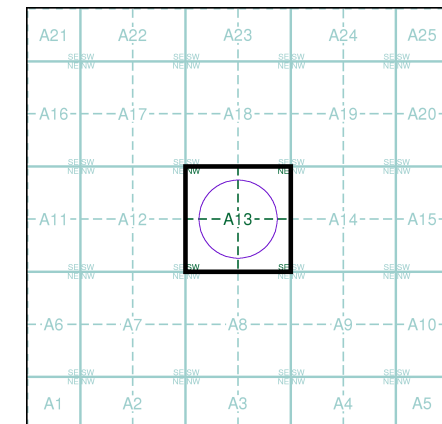
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13

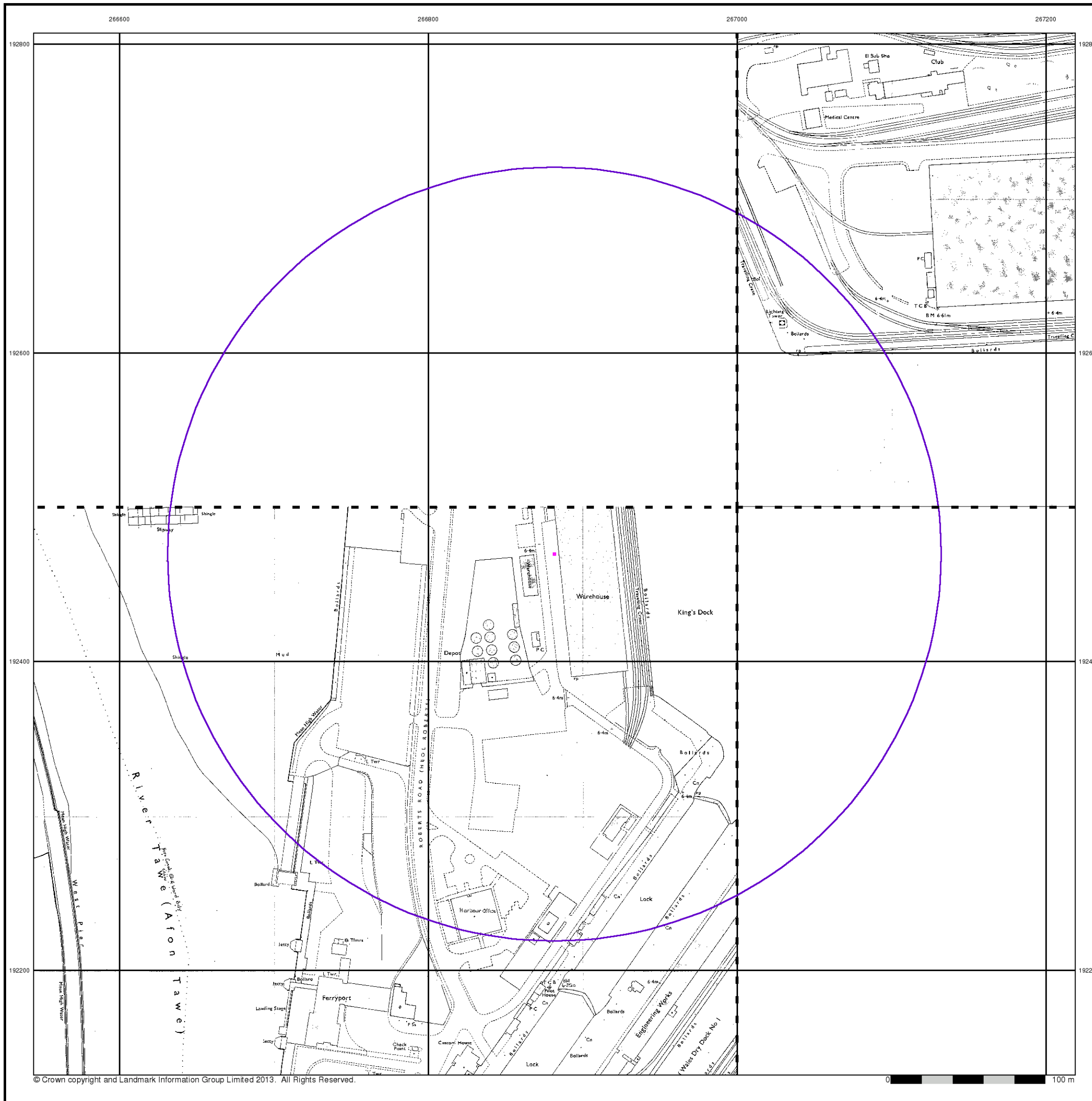


Order Details

Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 250

Site Details

Kings Dock, Swansea, SA1 8RU



Large-Scale National Grid Data

Published 1992

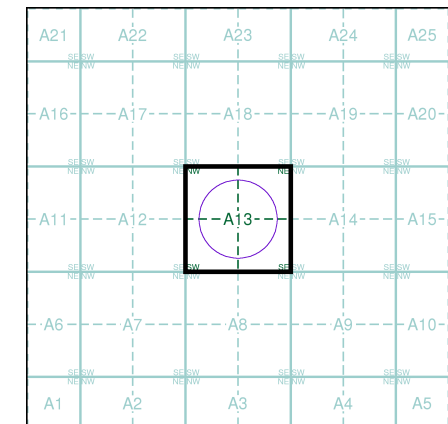
Source map scale - 1:1,250

'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)

SS6692NE	SS6792NW
1992	1992
1:1,250	1:1,250
SS6692SE	SS6792SW
1992	1992
1:1,250	1:1,250

Historical Map - Segment A13



Order Details

Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 250

Site Details

Kings Dock, Swansea, SA1 8RU



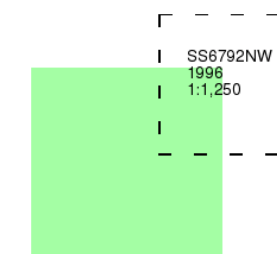
Large-Scale National Grid Data

Published 1996

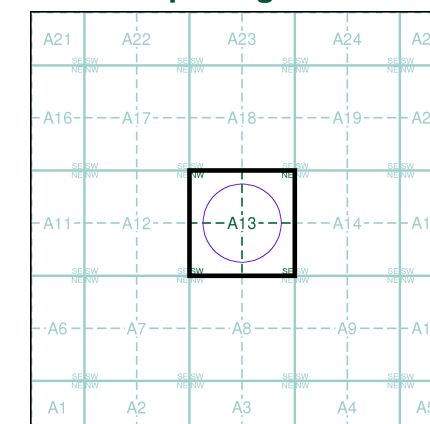
Source map scale - 1:1,250

'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

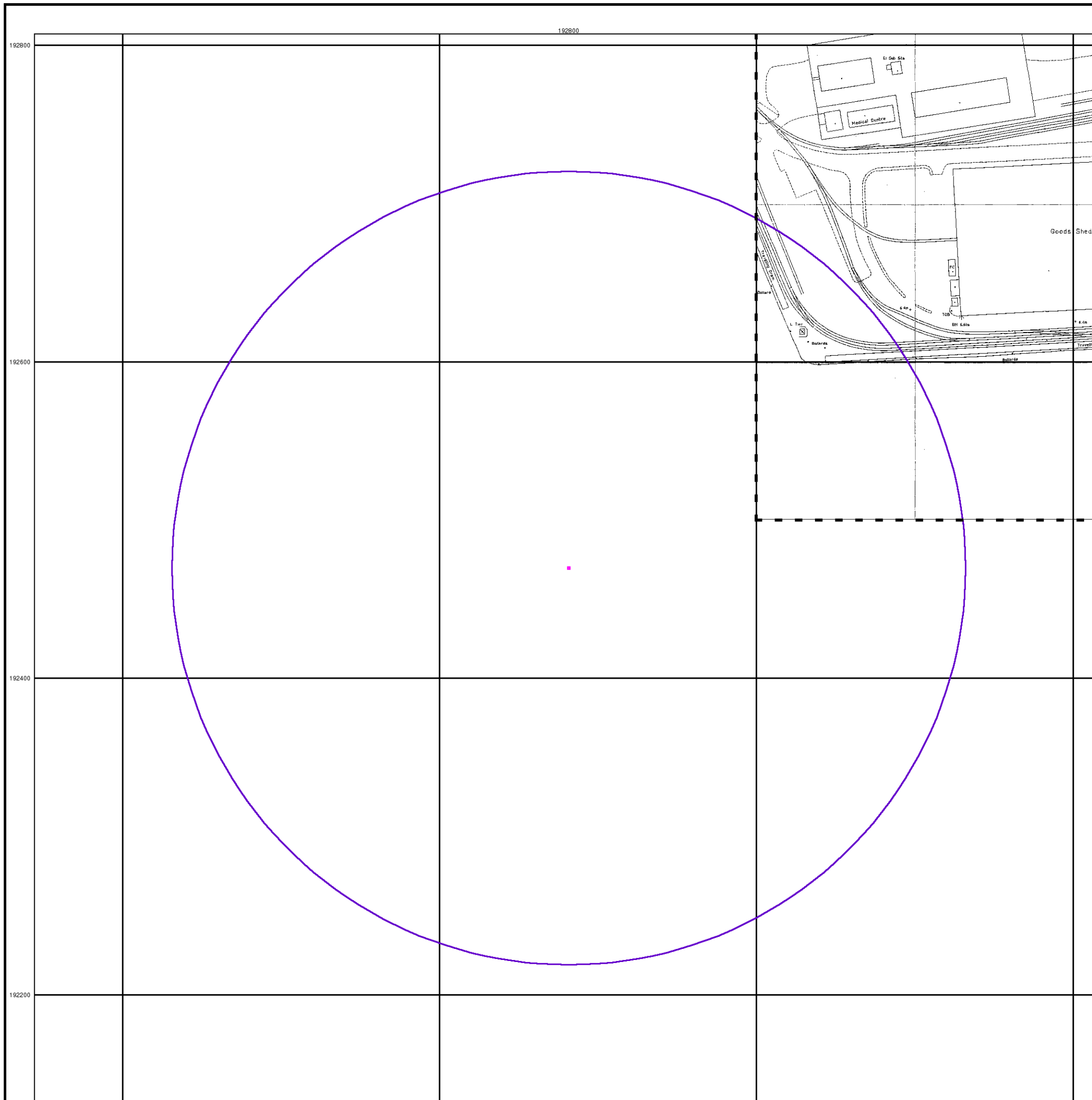


Order Details

Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 250

Site Details

Kings Dock, Swansea, SA1 8RU



REPORT 2

BESPOKE ENVIRONMENTAL PERMIT APPLICATION SITE CONDITION REPORT

**King's Dock
Swansea**

**Appendix 5
Site Sensitivity Maps**

Envirocheck[®] Report:

Flood Screening Report Datasheet

Order Details:

Order Number:

62880715_1_1

Customer Reference:

1422

National Grid Reference:

266880, 192470

Slice:

A

Site Area (Ha):

0.01

Search Buffer (m):

1000

Site Details:

Kings Dock

Swansea

SA1 8RU

Client Details:

Mr A Jones

Geotechnology

Ty Coed

5 Cefn-Yr-Allt

Aberdulais

Neath

SA10 8HE

Report Section and Details	Page Number
Summary	-
<p>The Summary section provides an overview of the data contained within the report, detailing the number of data set features or the existence of a data set in relation to the buffer(s) selected. For ease of reference, the report is broken down into seven sections of data.</p>	
EA / NRW / CEH Flood Data	1
<p>This section details data from the Environment Agency/Natural Resources Wales and the Centre for Ecology and Hydrology.</p> <p>The EA/NRW data is reported to a distance of 250m from the edge of the site polygon and details both Zone 2 (extreme) and Zone 3 flood extents, as well as flood defences, flood water storage areas and areas benefiting from flood defences.</p> <p>The CEH data is reported to a distance of 250m from the edge of the site polygon and covers flood data for Scotland, divided into levels based on the frequency and magnitude of a predicted 100 year term.</p> <p>All data sets within this section are plotted and feature on the EA / NRW / CEH Flood Data (1:10,000) map. For added value, OS Contour data is also plotted, detailing contours, spot heights and land water boundaries.</p>	
RMS Flood Data	2
<p>This section contains the Risk Management Solutions flood data. The data is based upon the likelihood of a flood occurrence for 3 flood return periods; these being 75 years, 100 years and 1000 years.</p> <p>Each return period is depicted on a separate 1:10,000 scale map and reports features to a distance of 250m from the edge of the site polygon.</p> <p>Each return period can detail both defended and/or undefended flood features, with each feature also reporting an associated flood depth. In addition pluvial flood features are also detailed where applicable, but tidal flooding is not included. For added value, OS Contour data is also plotted, detailing contours, spot heights and land water boundaries.</p>	
BGS Flood Data	3
<p>This section contains two BGS data sets; namely Geological Indicators of Flooding and Groundwater Flooding Susceptibility, both of which report features out to a possible 1000m, with coverage in England, Wales and Scotland.</p> <p>Each data set is plotted on a separate BGS Flood Data (1:50,000) map.</p>	
EA/NRW Detailed River Network Data	5
<p>This section details 3 sources of data that depict and detail the river network of England and Wales, captured primarily from the water features theme of Ordnance Survey's OS MasterMap Topography Layer.</p> <p>The DRN Lines data set details all the types of rivers, drains and streams which can be found in England and Wales.</p> <p>The DRN Nodes data set details the river, drain and stream node intersections which divide the detailed river network data. All nodes are defined as being one of the following: A source, sink, junction, or pseudo node, interactions or not assigned.</p> <p>The DRN Offline Drainage dataset details water features from OS MasterMap that do not connect into the river network and are generally limited in length.</p> <p>All data sets within this section are plotted and feature on the EA/NRW Detailed River Network (1:10,000) map. For added value, OS Contour data is also plotted, detailing contours, spot heights and land water boundaries.</p>	
EA/NRW Historic Flood Events Data	-

<p>This section details Historic Flood data sourced from the Environment Agency/Natural Resources Wales and from data held by Landmark. The EA/NRW Historic Flood Events data is reported to a distance of 1000m from the edge of the site polygon and details recorded historic flood events from 1703 to October 2008. The data also contains information on the source and cause of the flood, and how the flood outline was established.</p> <p>Also included in this section is Landmark's Historical Flood Liabilities data set, which identifies areas that are liable to flood based on systematic analysis of historical mapping dating back to the mid 19th century.</p> <p>Both data sets within this section are plotted and feature on the EA/NRW Historical Flood (1:10,000) map. For added value, OS Contour data is also plotted, detailing contours, spot heights and land water boundaries.</p>	
EA/NRW RoFRS Data	6
<p>This section details the Risk of Flooding from Rivers and Sea (RoFRS) data sourced from the Environment Agency/Natural Resources Wales and is reported to a distance of 1000m from the edge of the site polygon. The RoFRS data provides an indication of areas of land at risk of flooding from rivers and the sea. These areas of land, called impacted cells, are represented as 50 metre squares, or smaller areas where a square is intersected by a river or coastline.</p> <p>The average height information of the impacted cell, modelled river and sea levels and information about over 200,000 flood defences are used as inputs to a computer flood model run by the Environment Agency/Natural Resources Wales. The model compares the probability that the flood defences will overtop or breach and the distance of the impact cell from the river or the sea for 40 scenarios for probabilities of between 100% to 0.1%.</p> <p>The results are then consolidated to calculate a single probability category for each impacted cell. These results have been validated by local staff using their local knowledge and expertise. RoFRS is a national flood risk assessment and does not contain information about property thresholds. Due to variations in the input data and the performance of the computer flood model at particular locations, the resulting category of an impacted cell should only be used at a specific study scale. In certain areas it would only be appropriate to compare risks between towns and counties whereas in other areas they would be more suitable for understanding risk at a street level. The level of suitability for a particular cell is indicated by the cell's suitability scale.</p> <p>The data within this section is plotted and feature on the EA/NRW RoFRS Data (1:50,000) map. This dataset is not available in Scotland.</p>	
Flood Insurance Risk Data	17
<p>This section contains flood risk data from Crawford and Company. This dataset is not plotted on any of the associated Flood maps.</p> <p>Crawford & Co have generated an Insurance Claims rating for Flood Risk. The risk is determined by comparing the number of flood insurance claims made to the number of properties in the postcode sector. The data will also include flood claims from domestic accidents or blocked drains, as well as flooding from river or tidal events. Flood insurance claim ratings are reported for the site only.</p>	
Data Currency	18
Data Suppliers	19
Useful Contacts	20

Report Version v49.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
EA / NRW / CEH Flood Data					
Extreme Flooding from Rivers or Sea without Defences	pg 1	1	1	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 1		1	n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
RMS Flood Data					
RMS 75 year Flood Return	pg 2		3	n/a	n/a
RMS 100 year Flood Return	pg 2		3	n/a	n/a
RMS 1000 year Flood Return	pg 2	1	4	n/a	n/a
BGS Flood Data					
BGS Geological Indicators of Flooding	pg 3			3	
BGS Groundwater Flooding Susceptibility	pg 3			6	28
EA/NRW Detailed River Network Data					
Detailed River Network Lines	pg 5			2	1
Detailed River Network Nodes	pg 5			1	1
Detailed River Network Offline Drainage					
EA/NRW Historic Flood Events Data					
Historic Flood Events					
Historical Flood Liabilities					
EA/NRW RoFRS Data					
RoFRS - Risk of Flooding from Rivers and Sea	pg 6	1	5	42	104
Flood Insurance Risk Data					
Postcode Sector Flood Insurance Claim Ratings	pg 17	1	n/a	n/a	n/a

Report Version v49.0

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13NE (N)	0	1	266882 192470
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13NW (W)	245	1	266653 192557
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13SE (SE)	27	1	266900 192450
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	RMS 75 year Flood Return Flood Type/Depth: 75 year pluvial flood, depth is not applicable Flood Hazard: Pluvial & Minor River Flood Risk	A13SE (E)	40	2	266921 192469
	RMS 75 year Flood Return Flood Type/Depth: 75 year pluvial flood, depth is not applicable Flood Hazard: Pluvial & Minor River Flood Risk	A13NW (NW)	157	2	266750 192554
	RMS 75 year Flood Return Flood Type/Depth: 75 year pluvial flood, depth is not applicable Flood Hazard: Pluvial & Minor River Flood Risk	A13SE (S)	202	2	266916 192271
	RMS 100 year Flood Return Flood Type/Depth: 100 year pluvial flood, depth is not applicable Flood Hazard: Pluvial & Minor River Flood Risk	A13SE (E)	40	2	266921 192469
	RMS 100 year Flood Return Flood Type/Depth: 100 year pluvial flood, depth is not applicable Flood Hazard: Pluvial & Minor River Flood Risk	A13NW (NW)	157	2	266750 192554
	RMS 100 year Flood Return Flood Type/Depth: 100 year pluvial flood, depth is not applicable Flood Hazard: Pluvial & Minor River Flood Risk	A13SE (S)	202	2	266916 192271
	RMS 1000 year Flood Return Flood Type/Depth: 1000 year pluvial flood, depth is not applicable Flood Hazard: Pluvial & Minor River Flood Risk	A13NE (N)	0	2	266882 192470
	RMS 1000 year Flood Return Flood Type/Depth: 1000 year pluvial flood, depth is not applicable Flood Hazard: Pluvial & Minor River Flood Risk	A13SE (E)	40	2	266921 192469
	RMS 1000 year Flood Return Flood Type/Depth: 1000 year pluvial flood, depth is not applicable Flood Hazard: Pluvial & Minor River Flood Risk	A13NW (NW)	157	2	266750 192554
	RMS 1000 year Flood Return Flood Type/Depth: 1000 year pluvial flood, depth is not applicable Flood Hazard: Pluvial & Minor River Flood Risk	A13SW (SW)	190	2	266711 192388
	RMS 1000 year Flood Return Flood Type/Depth: 1000 year pluvial flood, depth is not applicable Flood Hazard: Pluvial & Minor River Flood Risk	A13SE (S)	202	2	266916 192271

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Geological Indicators of Flooding Flooding Type: Inland Flooding Flood Potential: Higher flood potential from rivers: the first areas to experience the effects of inland flooding in a river catchment. Code:	A13NE (N)	346	3	266981 192801
	BGS Geological Indicators of Flooding Flooding Type: Coastal Flooding Flood Potential: Higher flood potential from the sea: the first areas to experience the effects of coastal flooding. Code:	A13SW (W)	348	3	266546 192377
	BGS Geological Indicators of Flooding Flooding Type: Coastal Flooding Flood Potential: Higher flood potential from the sea: the first areas to experience the effects of coastal flooding. Code:	A8NW (S)	421	3	266814 192055
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (W)	333	3	266550 192450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (N)	338	3	266950 192800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (W)	382	3	266500 192470
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (W)	383	3	266500 192450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (W)	433	3	266450 192500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (W)	489	3	266400 192550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (W)	548	3	266350 192600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (NW)	579	3	266650 193000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	581	3	266882 193050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12NE (W)	609	3	266300 192650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	631	3	266882 193100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A18SW (N)	632	3	266850 193100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	656	3	266700 193100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (W)	687	3	266200 192550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (NW)	691	3	266600 193100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A19SW (NE)	716	3	267300 193050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A17SE (NW)	737	3	266500 193100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A19SW (NE)	746	3	267350 193050

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A19SW (NE)	757	3	267300 193100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A19NW (NE)	774	3	267250 193150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A19SW (NE)	779	3	267400 193050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A17SW (NW)	781	3	266200 192850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A19SW (NE)	786	3	267350 193100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A19NW (NE)	799	3	267300 193150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (W)	832	3	266050 192470
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A19NW (NE)	842	3	267300 193200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A17SW (NW)	849	3	266150 192900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A19SW (NE)	849	3	267500 193050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A19SW (NE)	886	3	267550 193050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (W)	900	3	266000 192650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (W)	932	3	265950 192470
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SW (W)	932	3	265950 192450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A19NW (NE)	979	3	267400 193300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A19SE (NE)	994	3	267650 193100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Detailed River Network Lines River Type: Down stream of High Water Mark River Name: Not Supplied Hydrographic Area: D009 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Flood Risk Management Indicative/Statutory Main River Management Status: Water Course: TAWE Name: Water Course: 3779 Reference:	A13SW (W)	308	4	266585 192389
2	Detailed River Network Lines River Type: Primary River River Name: (New Cut) Hydrographic Area: D009 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Flood Risk Management Indicative/Statutory Main River Management Status: Water Course: TAWE Name: Water Course: 3779 Reference:	A12NE (W)	426	4	266483 192619
3	Detailed River Network Lines River Type: Down stream of seaward Extension River Name: Not Supplied Hydrographic Area: D009 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A8SW (S)	858	4	266623 191653
4	Detailed River Network Nodes River Node Type: Pseudo (High Water Mark) Hydrographic Area: D009	A12NE (W)	426	4	266483 192619
5	Detailed River Network Nodes River Node Type: Pseudo (general) Hydrographic Area: D009	A8SW (S)	858	4	266623 191653

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A13NE (N)	0	1	266882 192470
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A13SE (SE)	27	1	266900 192450
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A13NE (NE)	177	1	267000 192600
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A13NW (NW)	199	1	266700 192550
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A13NE (NE)	213	1	267050 192600
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A13NW (W)	246	1	266650 192550
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A13NE (N)	281	1	266882 192750
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A13NE (N)	281	1	266900 192750
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A13NE (NE)	290	1	267108 192650
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A13NE (NE)	298	1	267118 192650
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A13NE (NE)	299	1	267150 192600
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A13NW (NW)	318	1	266592 192600
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A13NW (NW)	326	1	266618 192659
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A13NW (NW)	329	1	266700 192743

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A13NW (NW)	329	1	266700 192743
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A13NW (NW)	332	1	266593 192633
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A13NW (NW)	335	1	266700 192751
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A13SE (SE)	362	1	267050 192150
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12SE (W)	363	1	266523 192416
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A13NW (NW)	364	1	266650 192750
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A18SE (N)	370	1	267000 192819
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NE (W)	382	1	266500 192471
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NE (W)	383	1	266500 192470
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A13SE (SE)	387	1	267200 192250
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A18SW (NW)	387	1	266700 192811
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NE (W)	391	1	266491 192484
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NE (W)	395	1	266488 192500
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NE (W)	400	1	266483 192498

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A14SW (E)	419	1	267300 192450
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NE (NW)	419	1	266532 192700
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NE (W)	422	1	266464 192522
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NE (W)	428	1	266459 192529
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NE (W)	437	1	266450 192535
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NE (W)	437	1	266453 192550
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NE (W)	439	1	266450 192550
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A14NW (E)	439	1	267300 192600
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A8NW (S)	440	1	266750 192050
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NE (W)	445	1	266442 192541
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A14NW (NE)	456	1	267300 192650
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A8NE (SE)	457	1	267150 192100
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A13NW (NW)	461	1	266550 192789
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A13NW (NW)	468	1	266550 192800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NE (W)	470	1	266420 192556
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NE (NW)	472	1	266503 192752
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A8NE (SE)	474	1	267100 192050
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A18SE (N)	481	1	266882 192950
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NE (W)	492	1	266400 192567
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A8NE (SE)	499	1	267150 192050
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NE (W)	501	1	266390 192563
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A18SE (N)	510	1	267050 192950
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A8NE (SE)	519	1	267100 192000
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NE (W)	521	1	266378 192600
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A17SE (NW)	529	1	266500 192835
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A17SE (NW)	558	1	266444 192815
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A19SW (NE)	567	1	267250 192900
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NE (W)	572	1	266330 192618

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A17SE (NW)	572	1	266455 192849
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A17SE (NW)	576	1	266450 192850
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A17SE (NW)	592	1	266428 192850
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NE (W)	598	1	266300 192608
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A17SE (NW)	608	1	266450 192897
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A17SE (NW)	610	1	266450 192900
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NE (W)	612	1	266315 192700
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NE (W)	612	1	266286 192605
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A8NE (S)	638	1	266900 191832
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A17SE (NW)	644	1	266409 192906
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NE (W)	651	1	266250 192625
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A17SE (NW)	656	1	266496 193000
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NE (W)	673	1	266250 192700
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NE (NW)	676	1	266267 192750

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A14SW (E)	680	1	267550 192350
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A17SE (NW)	693	1	266383 192950
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A17SE (NW)	694	1	266400 192969
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	694	1	266200 192595
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	694	1	266200 192596
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A8NE (S)	698	1	267078 191800
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A14NW (E)	708	1	267550 192700
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A17SE (NW)	714	1	266352 192947
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	720	1	266200 192700
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (NW)	751	1	266200 192785
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	758	1	266178 192750
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (NW)	758	1	266200 192800
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	770	1	266118 192563
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A14SE (E)	772	1	267650 192400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A17SW (NW)	784	1	266204 192862
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A17SW (NW)	784	1	266196 192850
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A17SE (NW)	785	1	266297 192992
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	804	1	266083 192566
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	806	1	266083 192573
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A14NE (E)	807	1	267638 192750
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A17SW (NW)	811	1	266150 192820
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A17SE (NW)	814	1	266278 193015
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	815	1	266100 192700
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	825	1	266070 192612
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A17SE (NW)	833	1	266284 193050
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	841	1	266091 192756
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	842	1	266052 192607
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A17SW (NW)	849	1	266150 192900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	851	1	266050 192650
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	853	1	266040 192605
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	859	1	266026 192533
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	863	1	266050 192700
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	866	1	266064 192754
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	866	1	266054 192725
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	868	1	266019 192554
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	868	1	266017 192541
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A14SE (E)	872	1	267750 192400
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	876	1	266050 192745
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	878	1	266050 192750
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	882	1	266048 192754
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	885	1	266000 192541
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	885	1	266018 192660

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A17SE (NW)	886	1	266240 193079
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	889	1	266044 192766
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	890	1	266050 192785
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	892	1	266000 192600
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	892	1	265992 192517
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	903	1	266000 192663
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	904	1	265996 192650
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A17SE (NW)	908	1	266228 193100
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	908	1	265975 192500
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	910	1	265973 192499
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A17SW (NW)	918	1	266100 192950
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	921	1	265962 192491
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A17SE (NW)	923	1	266222 193114
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	926	1	265956 192494







Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	927	1	265973 192650
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	927	1	266000 192755
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A9NE (SE)	928	1	267650 191950
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	929	1	265994 192741
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	932	1	265950 192489
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	934	1	265948 192488
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A17SW (NW)	937	1	266050 192900
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	941	1	265950 192600
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A14NE (E)	948	1	267770 192800
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	954	1	265966 192733
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12SW (W)	955	1	265928 192469
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	957	1	265925 192476
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	958	1	265963 192738
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	958	1	265958 192719

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A17SW (NW)	961	1	266050 192950
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	962	1	265955 192727
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A17NW (NW)	963	1	266200 193150
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	966	1	265933 192652
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	969	1	265950 192733
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A14SE (E)	969	1	267850 192450
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	973	1	265950 192750
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A14NE (E)	977	1	267800 192800
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A17SW (NW)	981	1	266000 192900
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A17NW (NW)	982	1	266193 193169
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A19SE (E)	990	1	267800 192840
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Natural Resources Wales	A12NW (W)	999	1	265921 192741

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Postcode Sector Flood Insurance Claim Ratings Insurance Rating: Low Flood Insurance Claim Rating Postcode Sector: SA1 8	A13NE (N)	0	5	266882 192470

EA / NRW / CEH Flood Data	Version	Update Cycle
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office Natural Resources Wales	August 2014 May 2014	Quarterly Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office Natural Resources Wales	August 2014 May 2014	Quarterly Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	August 2014	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	August 2014	Quarterly
Flood Defences Environment Agency - Head Office	August 2014	Quarterly
RMS Flood Data	Version	Update Cycle
RMS 75 year Flood Return Risk Management Solutions - Wales Catchment	December 2008	As notified
RMS 100 year Flood Return Risk Management Solutions - Wales Catchment	December 2008	As notified
RMS 1000 year Flood Return Risk Management Solutions - Wales Catchment	December 2008	As notified
BGS Flood Data	Version	Update Cycle
BGS Geological Indicators of Flooding British Geological Survey - National Geoscience Information Service	October 2013	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually
EA/NRW Detailed River Network Data	Version	Update Cycle
Detailed River Network Lines Environment Agency - Head Office	March 2012	Annually
Detailed River Network Nodes Environment Agency - Head Office	March 2012	Annually
Detailed River Network Offline Drainage Environment Agency - Head Office	March 2012	Annually
EA/NRW Historic Flood Events Data	Version	Update Cycle
Historic Flood Events Environment Agency - Head Office	October 2014	Quarterly
Historical Flood Liabilities Landmark Information Group Limited	December 1999	Not Applicable
EA/NRW Risk of Flooding from Rivers and Sea (RoFRS)	Version	Update Cycle
RoFRS - Risk of Flooding from Rivers and Sea Natural Resources Wales	August 2014	Annually
Flood Insurance Risk Data	Version	Update Cycle
Postcode Sector Flood Insurance Claim Ratings Crawford and Company	October 2014	Quarterly

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Natural Resources Wales	
Centre for Ecology and Hydrology	 <p>Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL</p>
British Geological Survey	 <p>British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL</p>
Risk Management Solutions	

Contact	Name and Address	Contact Details
1	Natural Resources Wales Ty Cambria, 29 Newport Road, Cardiff, CF24 0TP	Telephone: 0300 065 3000 Email: enquiries@naturalresourceswales.gov.uk
2	Landmark Information Group Limited Legal and Financial, Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9966 Fax: 0844 844 9980 Email: info@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk
3	British Geological Survey - Enquiry Service British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
4	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
5	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmark.co.uk Website: www.landmarkinfo.co.uk
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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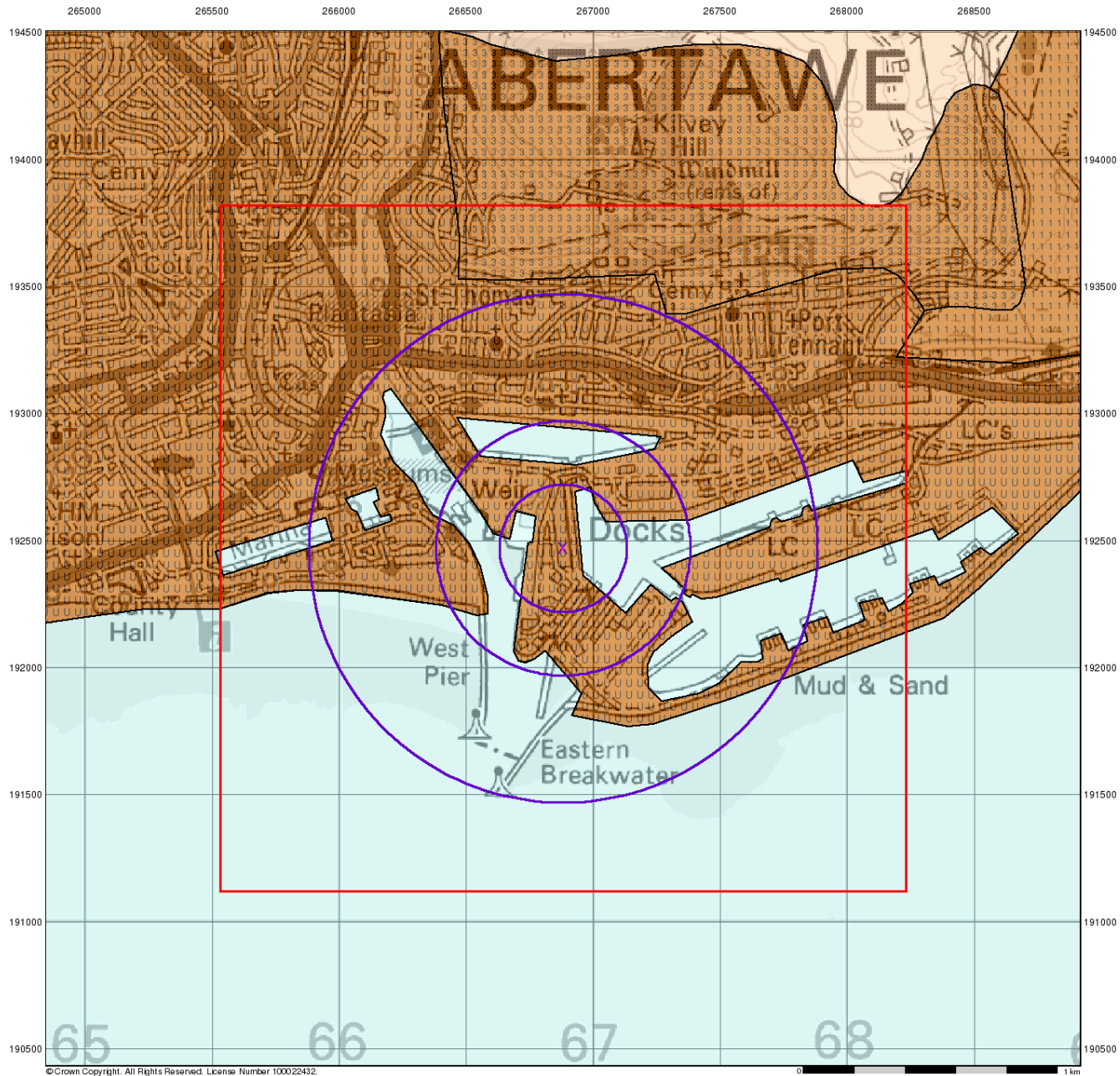
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Groundwater Vulnerability

General

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

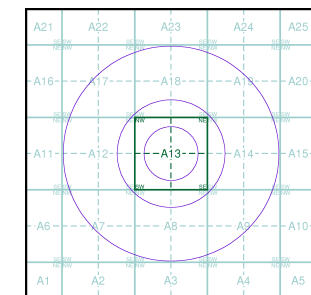
Agency and Hydrological

Geological Classes

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

Soil Classes

Site Sensitivity Context Map - Slice A



Order Details

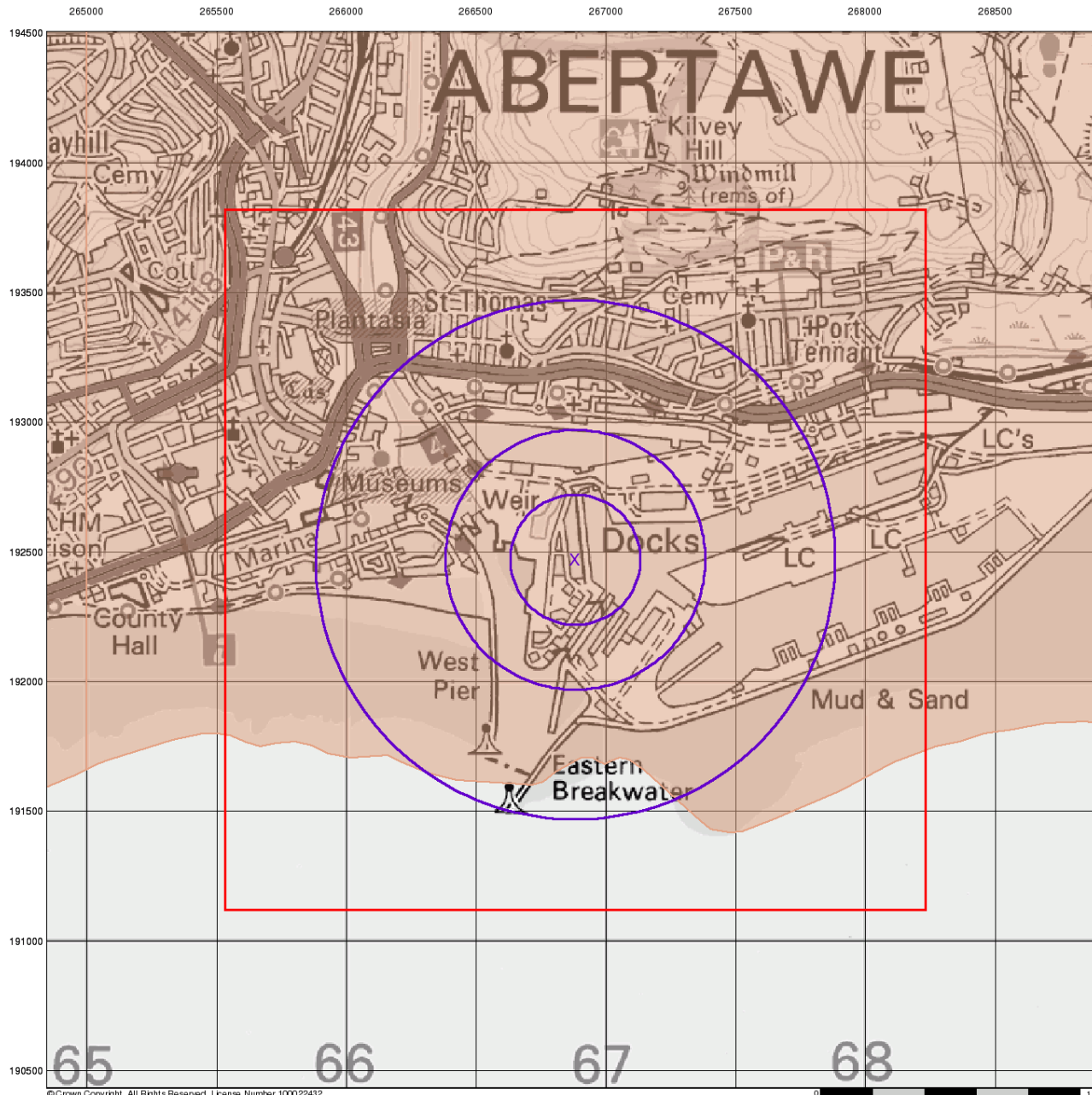
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 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Kings Dock, Swansea, SA1 8RU



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



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0 1 km



Bedrock Aquifer Designation

General

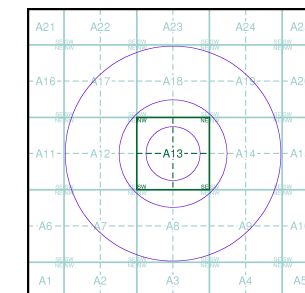
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

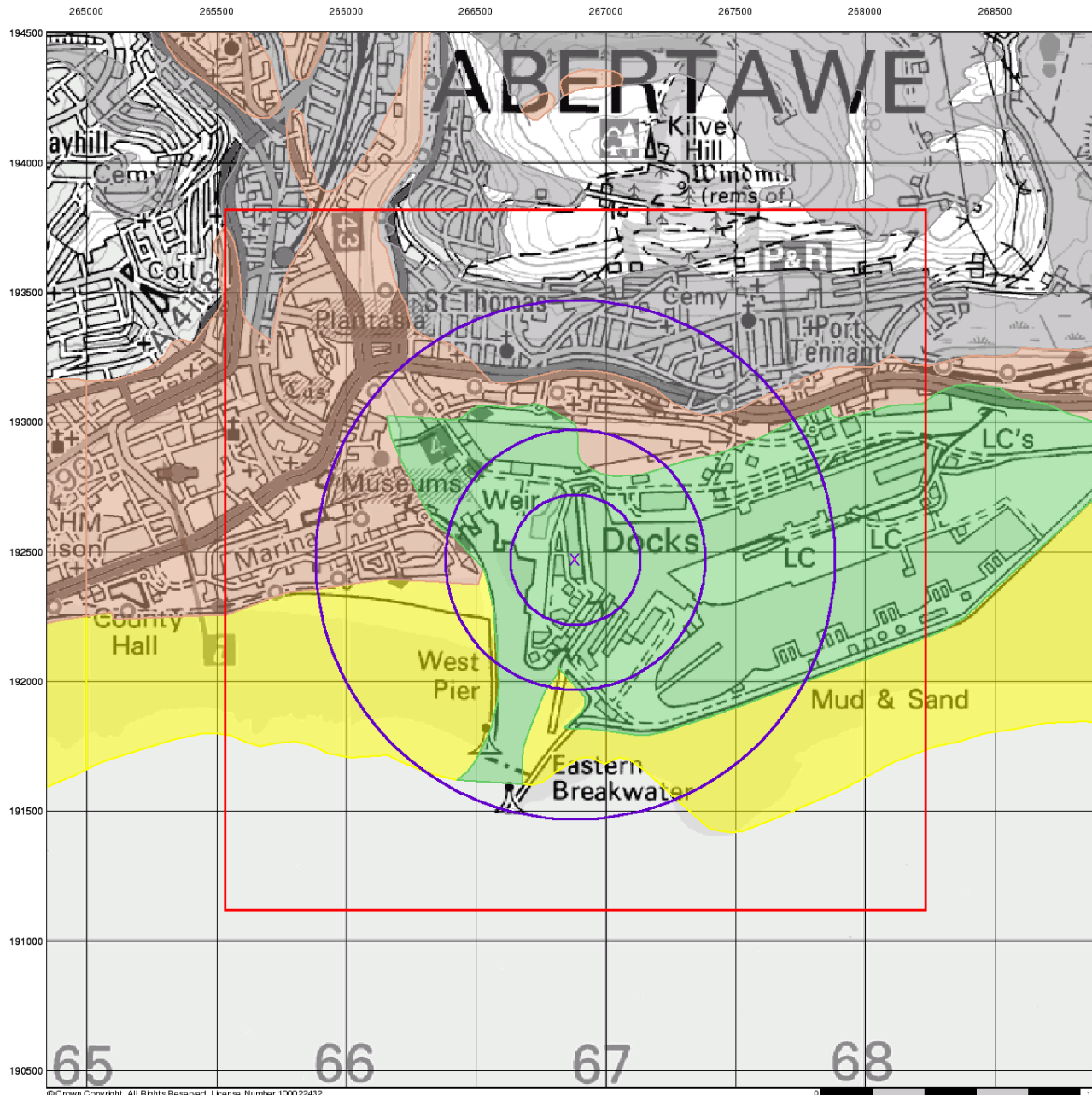
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 Search Buffer (m): 1000

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0 1 km



Superficial Aquifer Designation

General

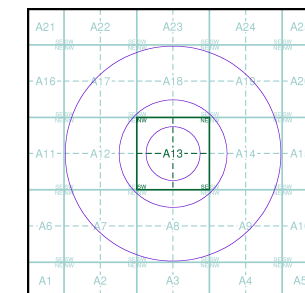
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- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

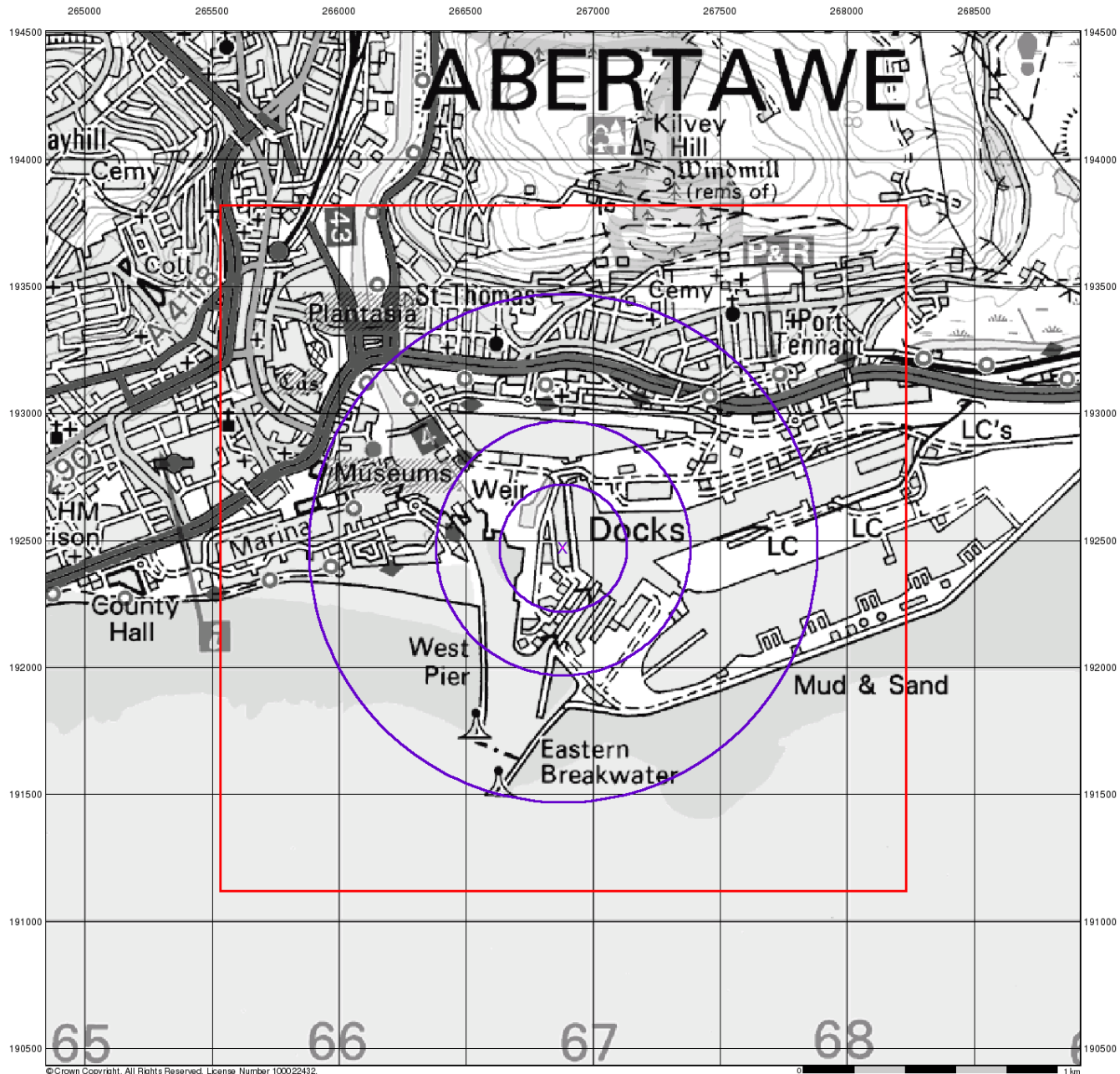
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 Site Area (Ha): 0.01
 Search Buffer (m): 1000

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0 1 km



Source Protection Zones

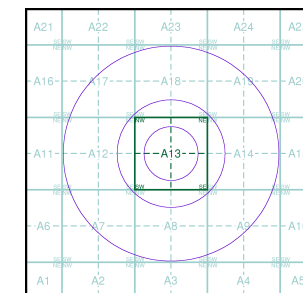
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A



Order Details

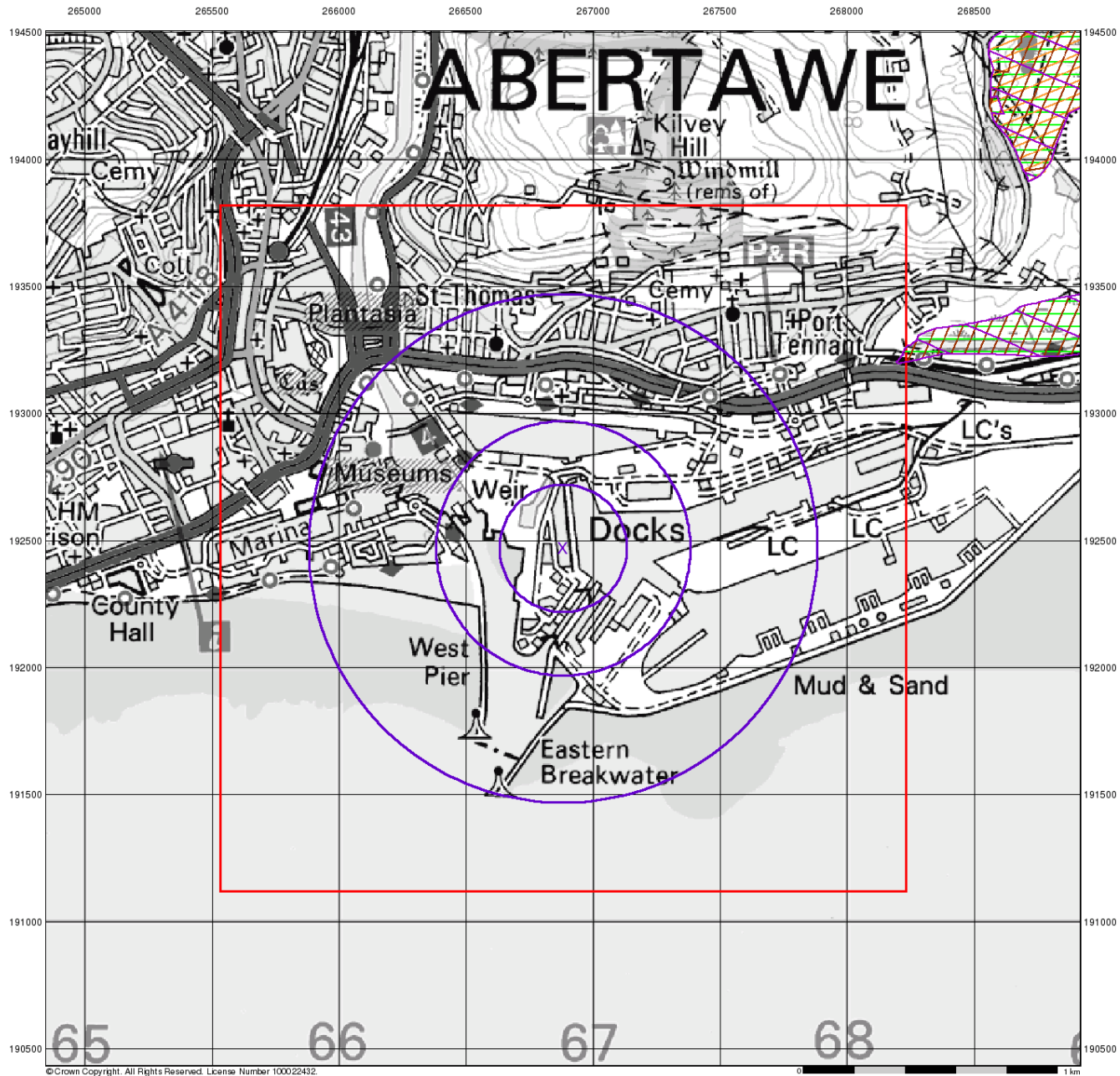
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 Web: www.envirocheck.co.uk



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Sensitive Land Uses

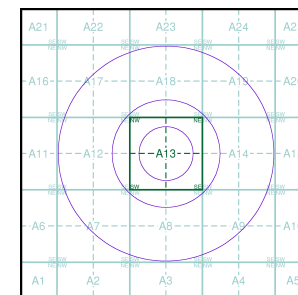
General

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

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Kings Dock, Swansea, SA1 8RU



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

EA/NRW Flood Data Map (1:10,000)

General

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

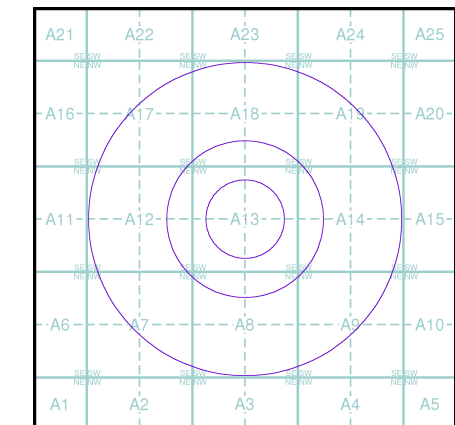
Flood Data

- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- Flood Defence

Contours (height in meters)

- Standard Contour 105 MLW Mean Low Water
- Master Contour 100 MHW Mean High Water
- Spot Height *167.8

EA/NRW Flood Data Map - Slice A

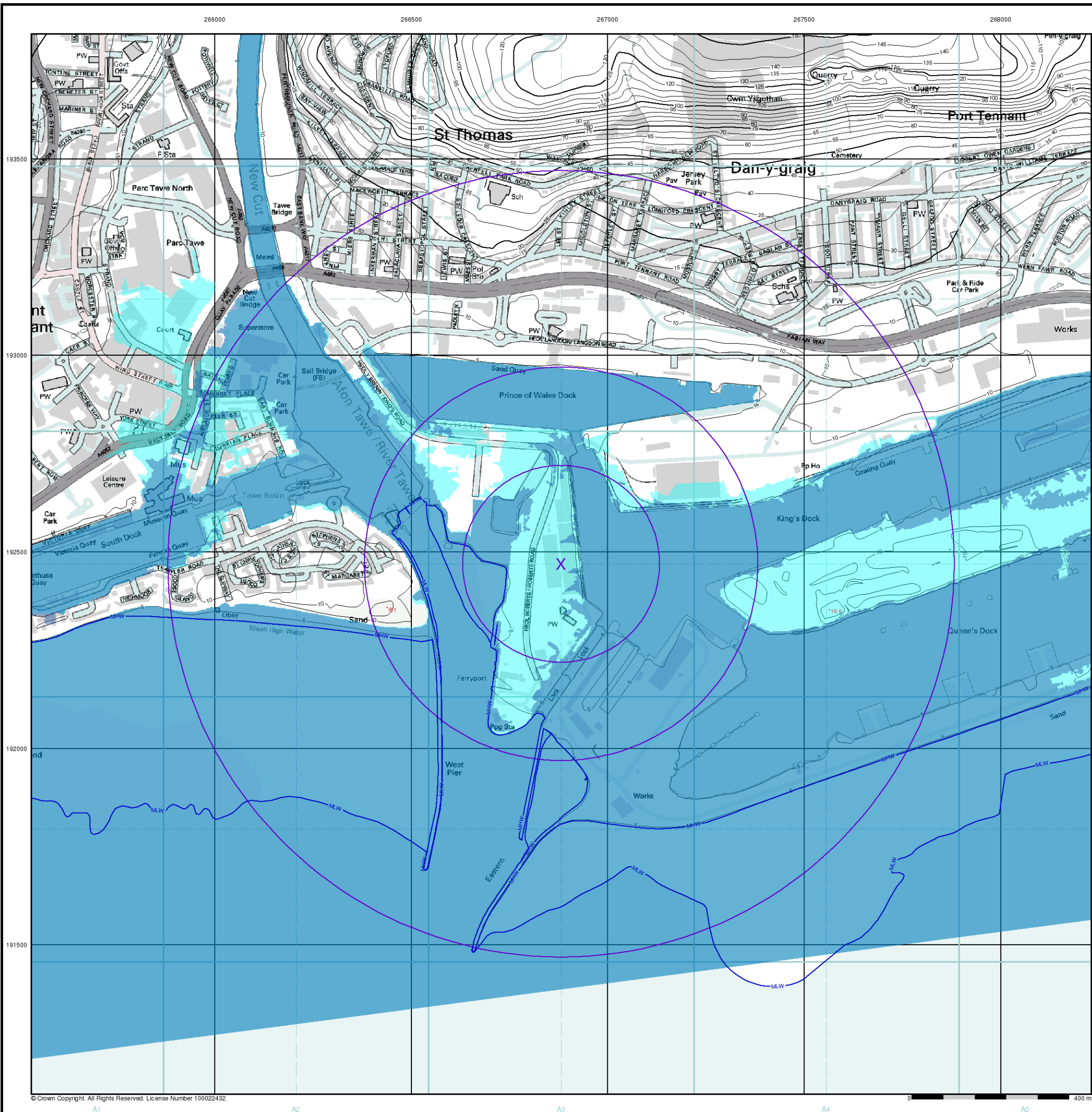


Order Details

Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Kings Dock, Swansea, SA1 8RU



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RMS 75 year Return Flood Map (1:10,000)

General

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

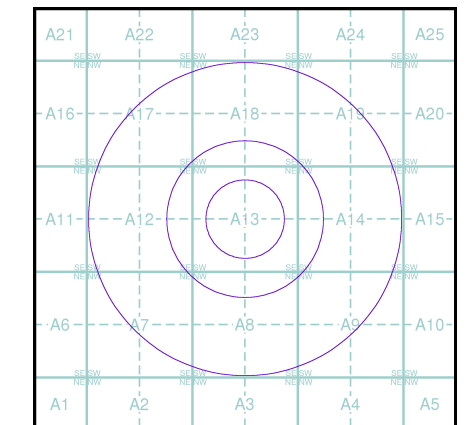
RMS 75 year Return Flood Data

Flood Depth (mm)	Flood Type		Pluvial & Minor River Flood (flood depth n/s)
	Defended Flood	Undefended Flood	
0 - 200			
201 - 500			
501 - 2000			
2001 +			

Contours (height in meters)

- Standard Contour 105 Mean Low Water
- Master Contour 100 Mean High Water
- Spot Height *167.8

RMS 75 year Return Flood Map - Slice A

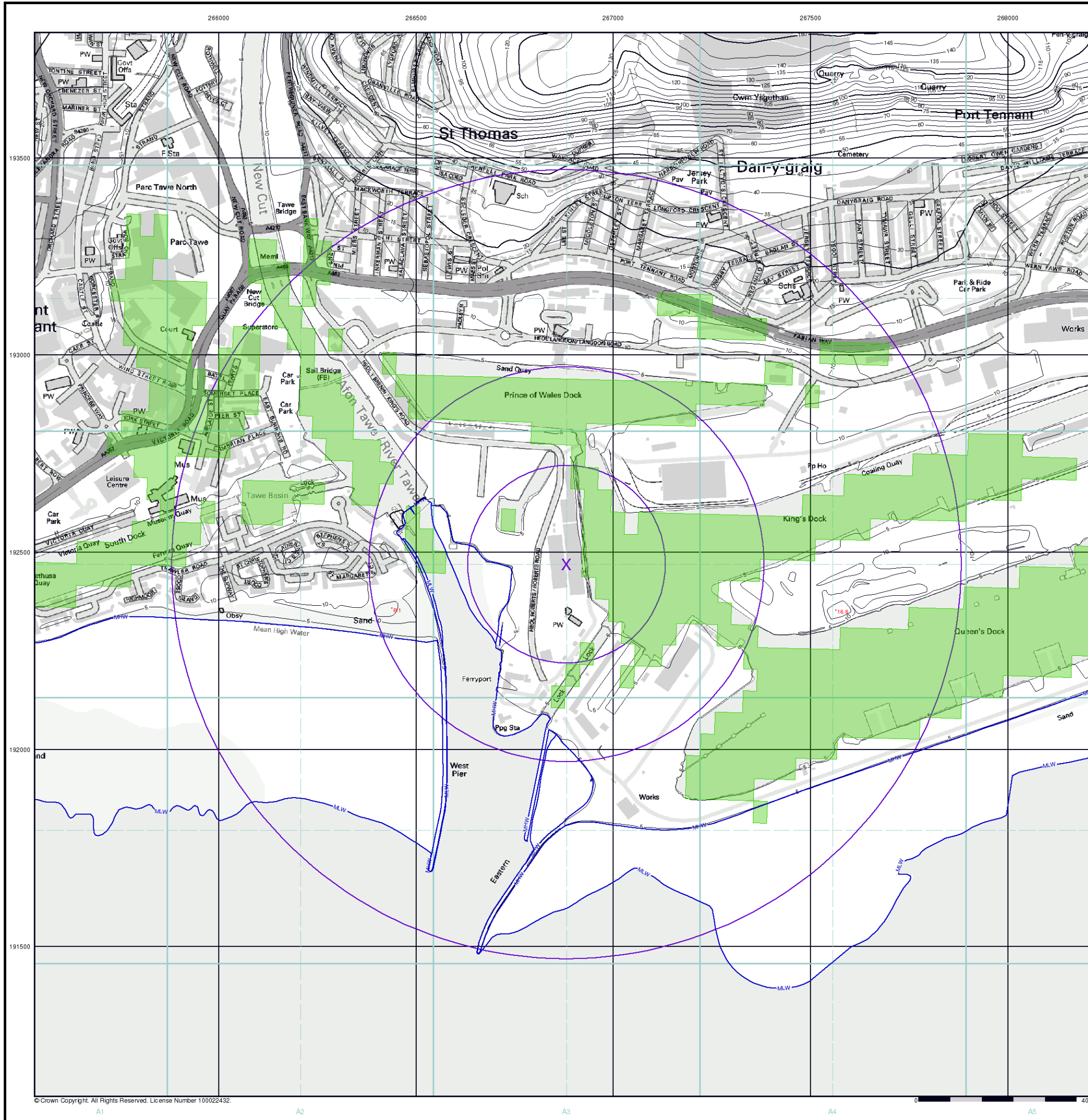


Order Details

Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Kings Dock, Swansea, SA1 8RU



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RMS 100 year Return Flood Map (1:10,000)

General

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

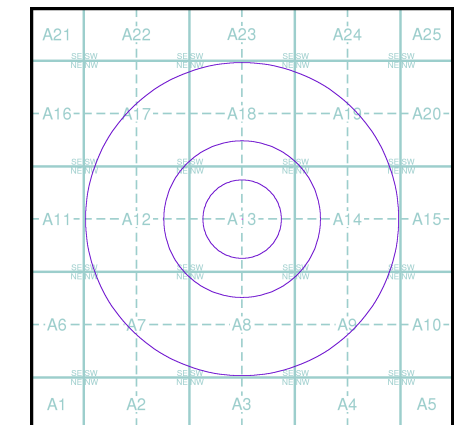
RMS 100 year Return Flood Data

Flood Depth (mm)	Flood Type		Pluvial & Minor River Flood (flood depth n/s)
	Defended Flood	Undefended Flood	
0 - 200			
201 - 500			
501 - 2000			
2001 +			

Contours (height in meters)

- Standard Contour 105 100 95
- Master Contour 105 100 95
- Spot Height *167.8
- MLW Mean Low Water
- MHW Mean High Water

RMS 100 year Return Flood Map - Slice A

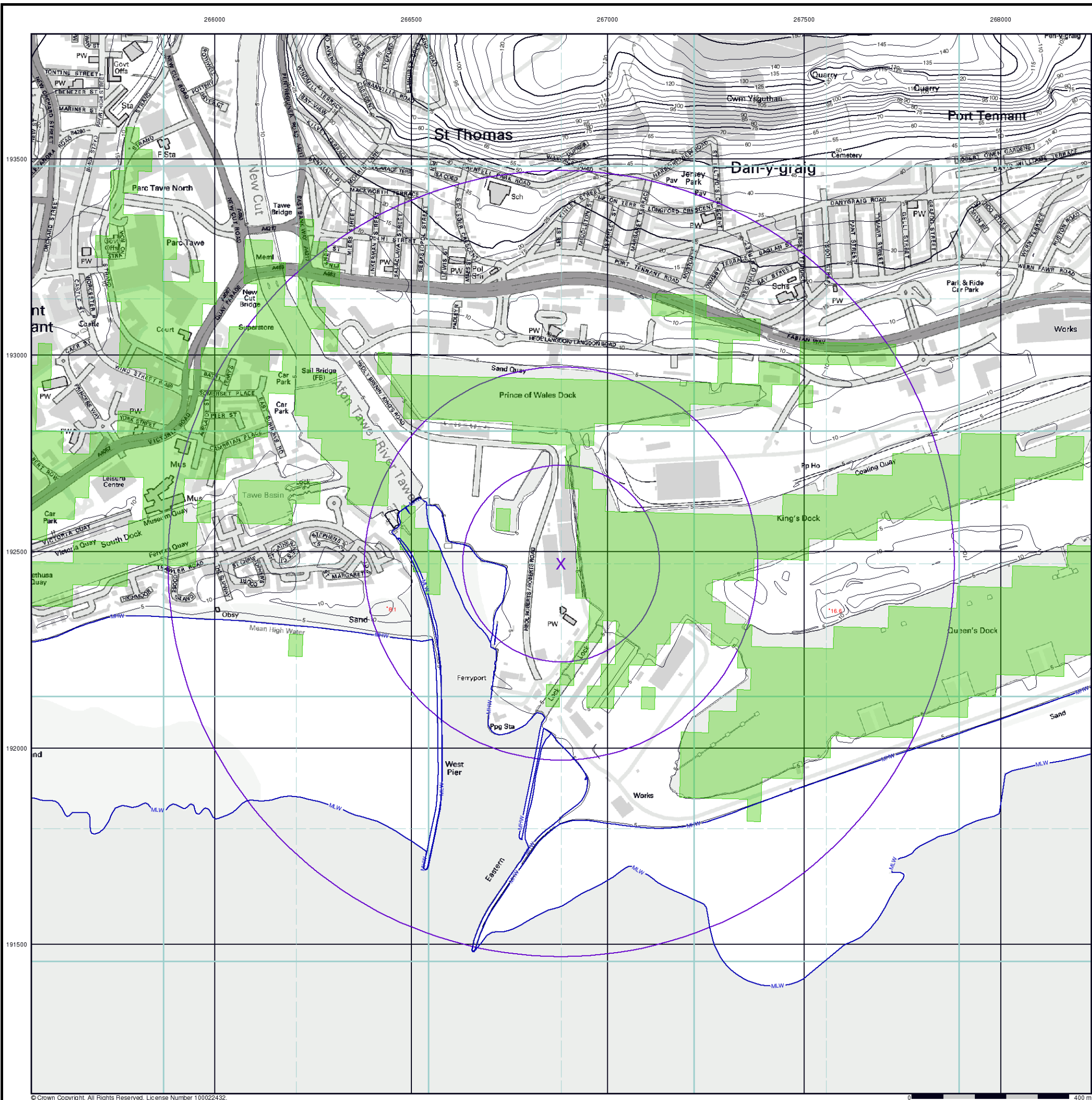


Order Details

Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Kings Dock, Swansea, SA1 8RU



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RMS 1000 year Return Flood Map (1:10,000)

General

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

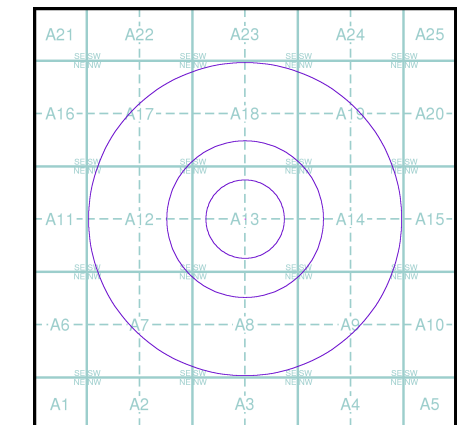
RMS 1000 year Return Flood Data

Flood Depth (mm)	Flood Type		Pluvial & Minor River Flood (flood depth n/s)
	Defended Flood	Undefended Flood	
0 - 200			
201 - 500			
501 - 2000			
2001 +			

Contours (height in meters)

- Standard Contour
- Master Contour
- Spot Height
- Mean Low Water
- Mean High Water

RMS 1000 year Return Flood Map - Slice A

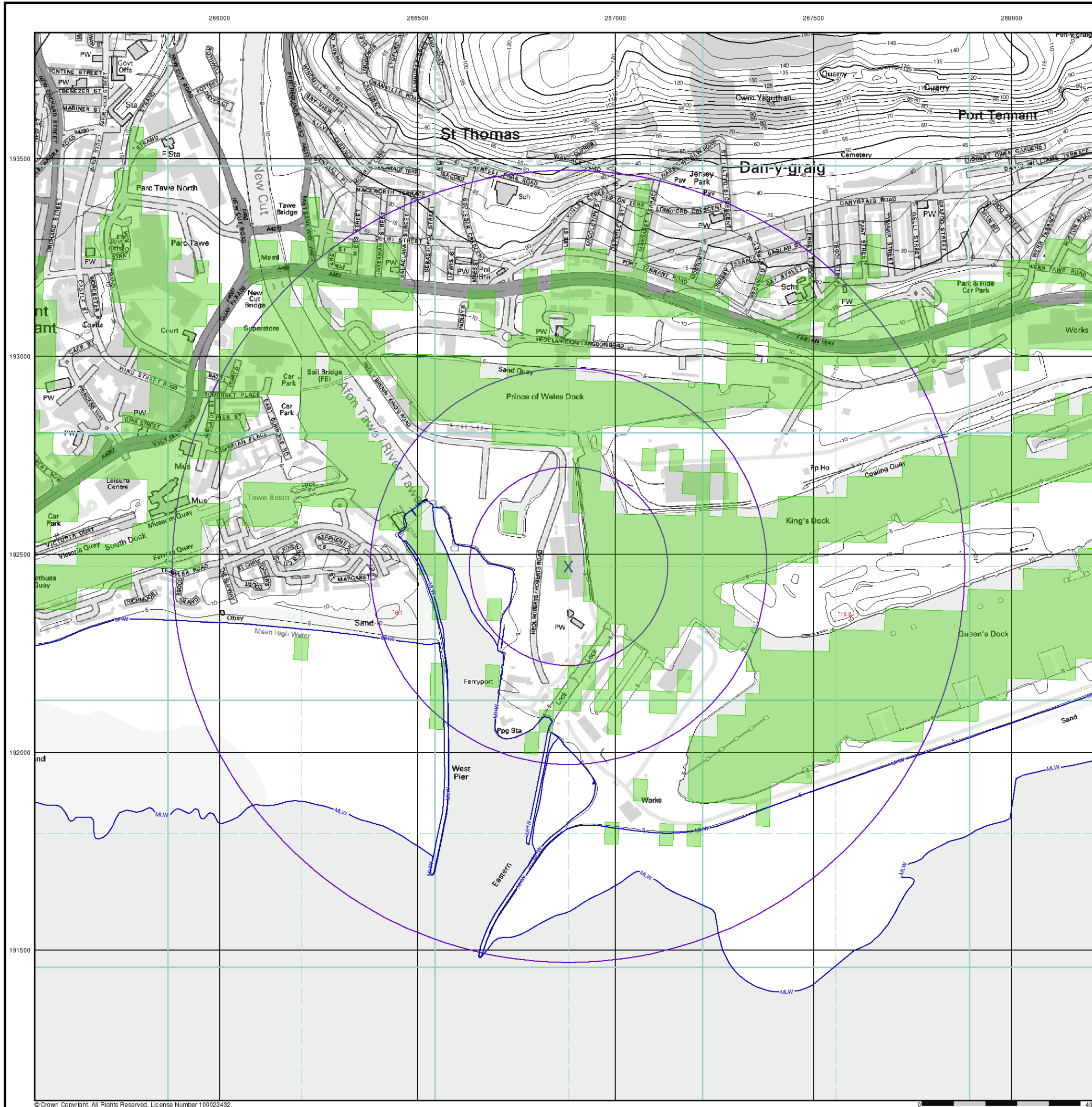


Order Details

Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Kings Dock, Swansea, SA1 8RU



Detailed River Network Map (1:10,000)

General

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

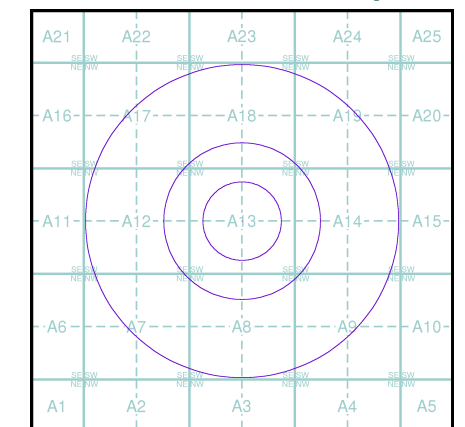
Detailed River Network Data

- | | |
|--------------------------|---|
| Primary River | Extended Culvert (greater than 50m) |
| Secondary River | Underground River (inferred) |
| Tertiary River | Underground River (local knowledge) |
| Canal | Downstream of High Water Mark |
| Canal Tunnel | Downstream of Seaward Extension |
| Undefined River | Not assigned River feature |
| Lake/Reservoir | |
| Source | Not assigned River feature |
| Junction | Pseudo Node (general) |
| Sink | Pseudo Node (High Water Mark) |
| Non-interactive Node | Pseudo Node (OS MasterMap polygon boundary) |
| Offline Drainage Feature | |

Contours (height in meters)

- Standard Contour 105 100 95
- Master Contour Mean Low Water Mean High Water
- Spot Height *167.3

Detailed River Network Map - Slice A

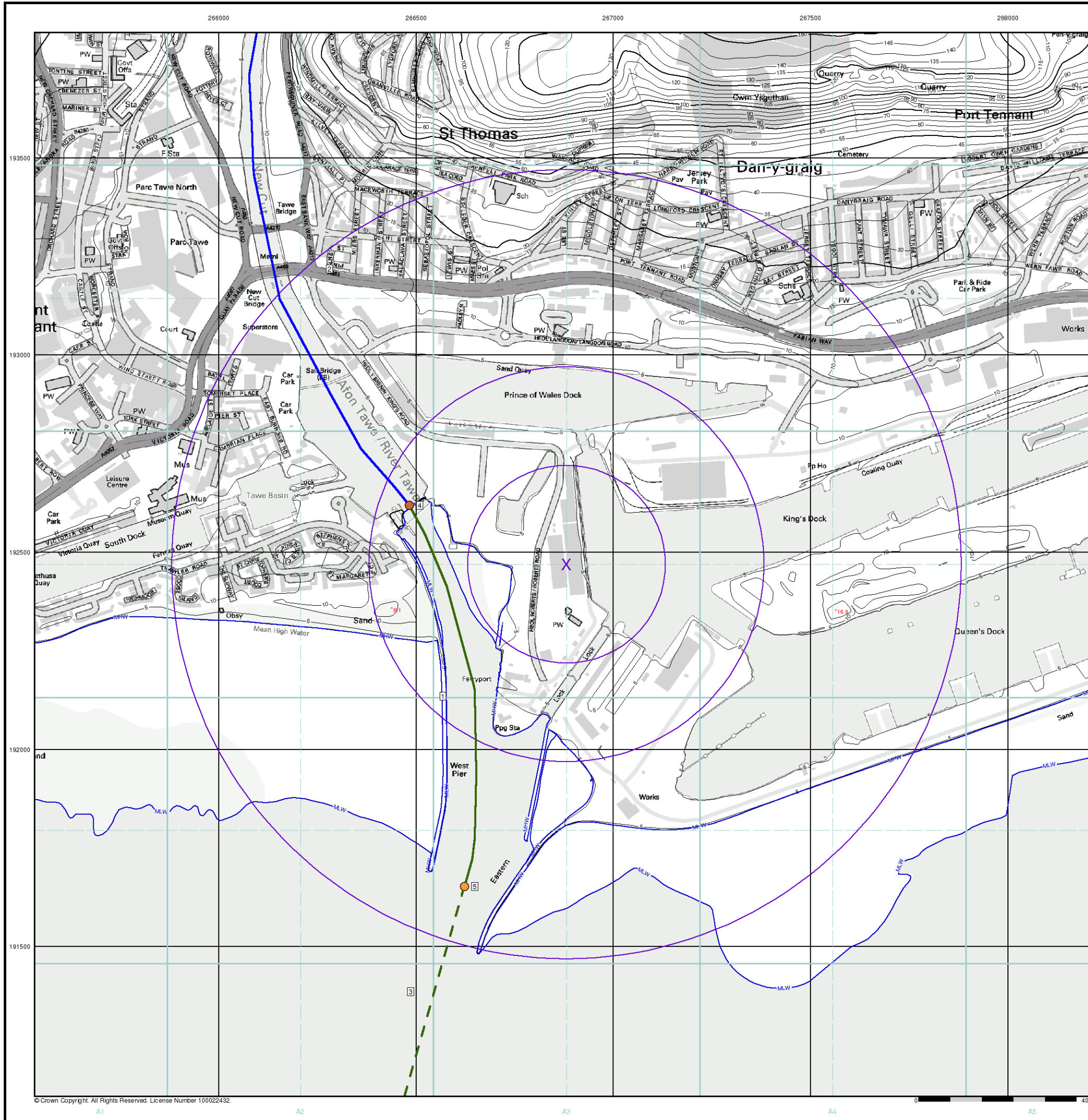


Order Details

Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Kings Dock, Swansea, SA1 8RU



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EANRW Historic Flood Map (1:10,000)

General

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

Historic Flood Events Data

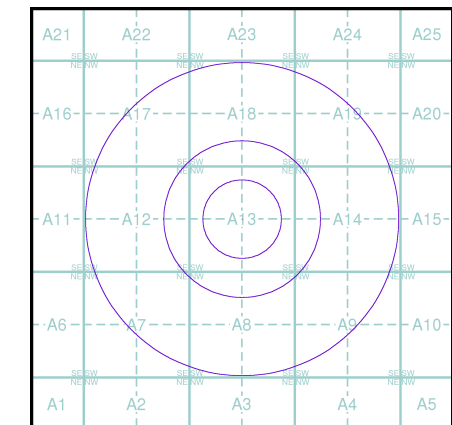
- | | |
|--|---------------------------------------|
| Channel Capacity Exceeded (no raised defences) | Obstruction/Blockage - Culvert |
| Groundwater/High Water Table | Obstruction/Blockage - Debris Screen |
| Local Drainage/Surface Water | Operational Failure/Breach of Defence |
| Mechanical Failure | Other |
| Obstruction/Blockage - Bridge | Overtopping of Defences |
| Obstruction/Blockage - Channel | Unknown |

Historical Flood Liabilities

Contours (height in meters)

- Standard Contour 105 MLW - Mean Low Water
- Master Contour 100 MHW - Mean High Water
- Spot Height *167.8

EANRW Historic Flood Map - Slice A

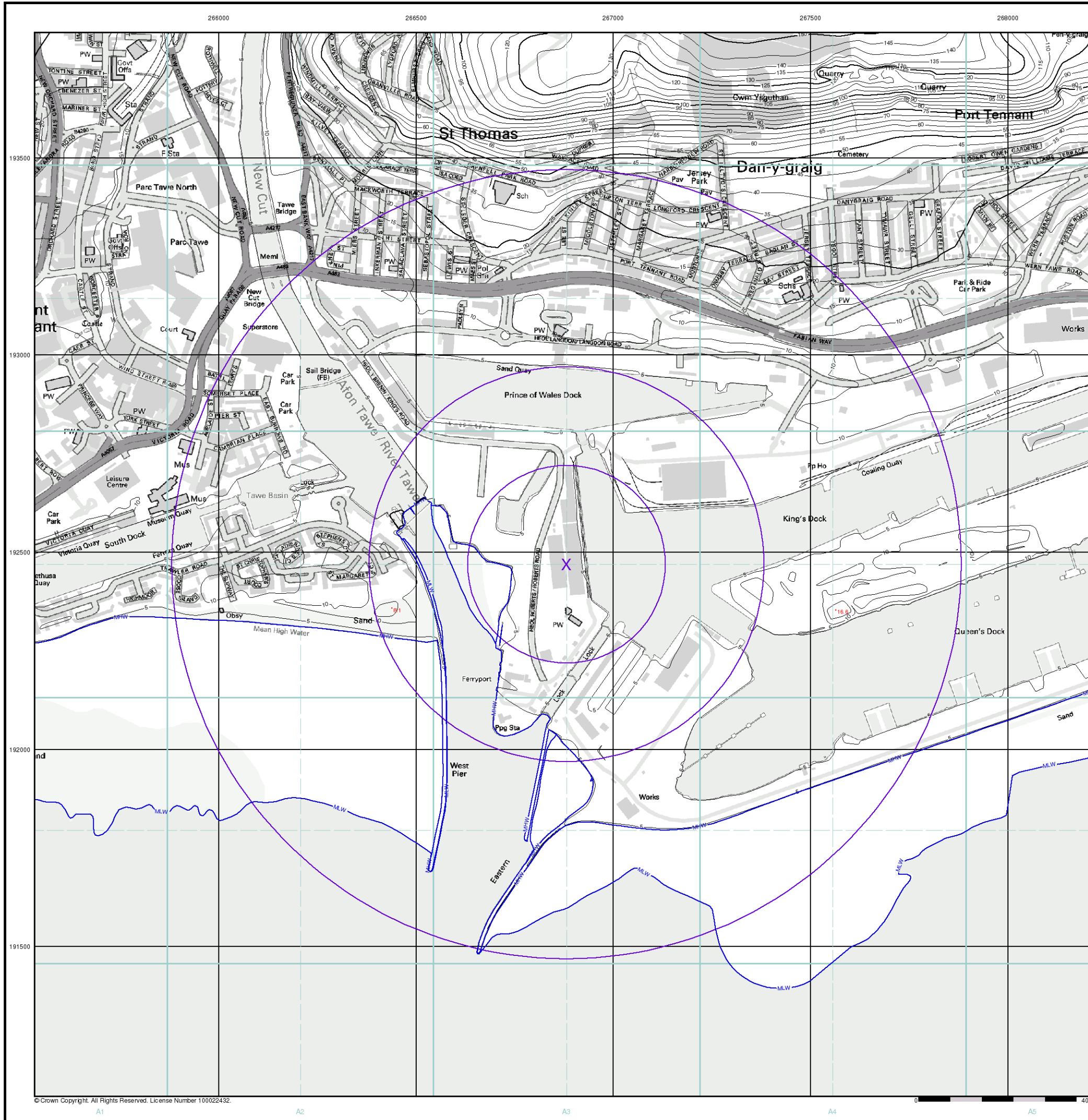


Order Details

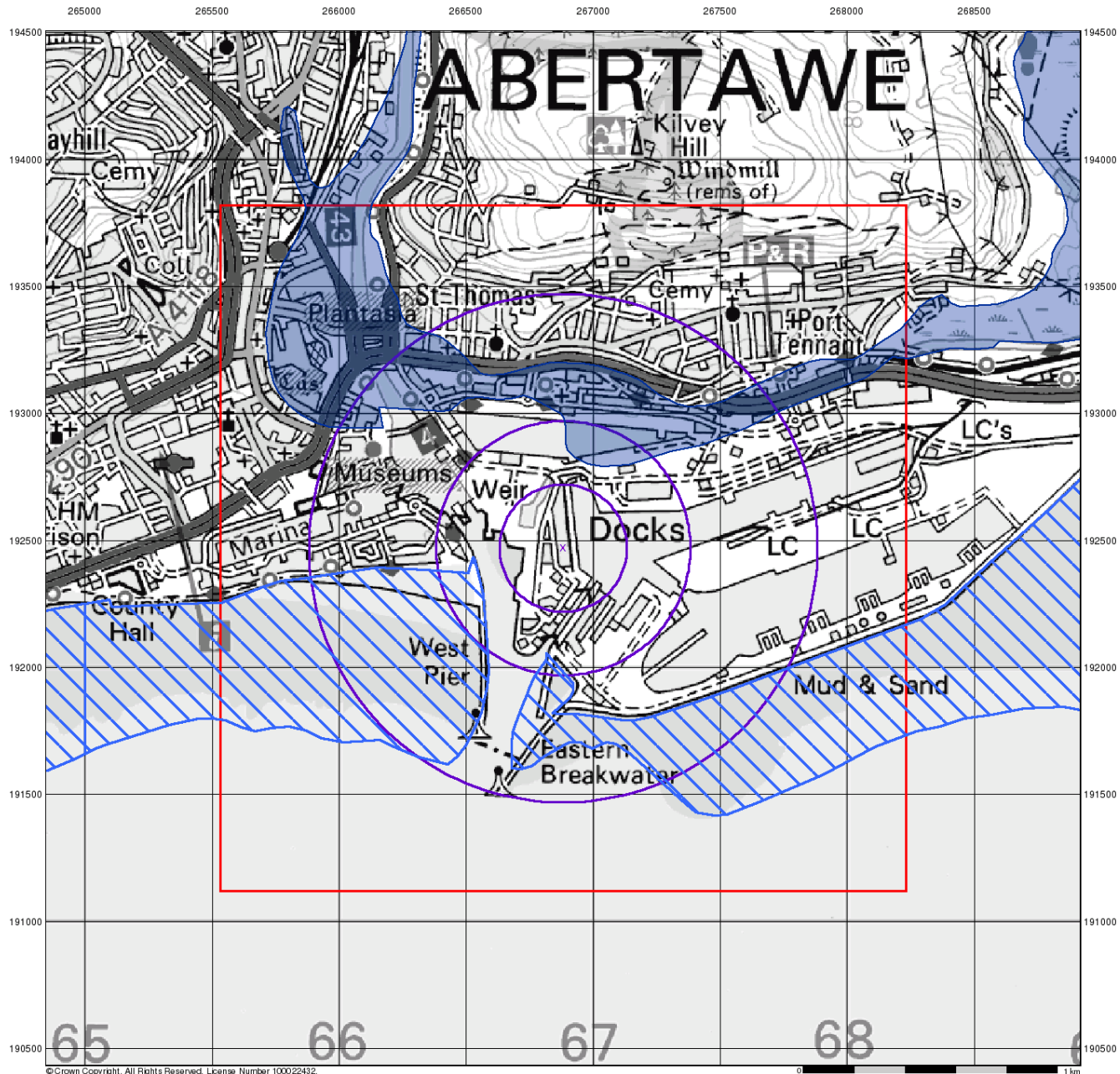
Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

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0 1 km



BGS Flood Data (1:50,000)

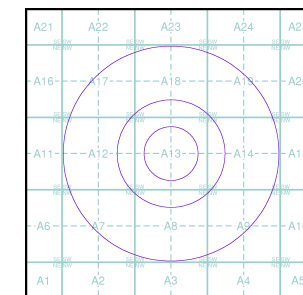
General

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

BGS Geological Indicators of Flooding

- Coastal
- Inland
- Bodies of Water

BGS Flood Data Map - Slice A



Order Details

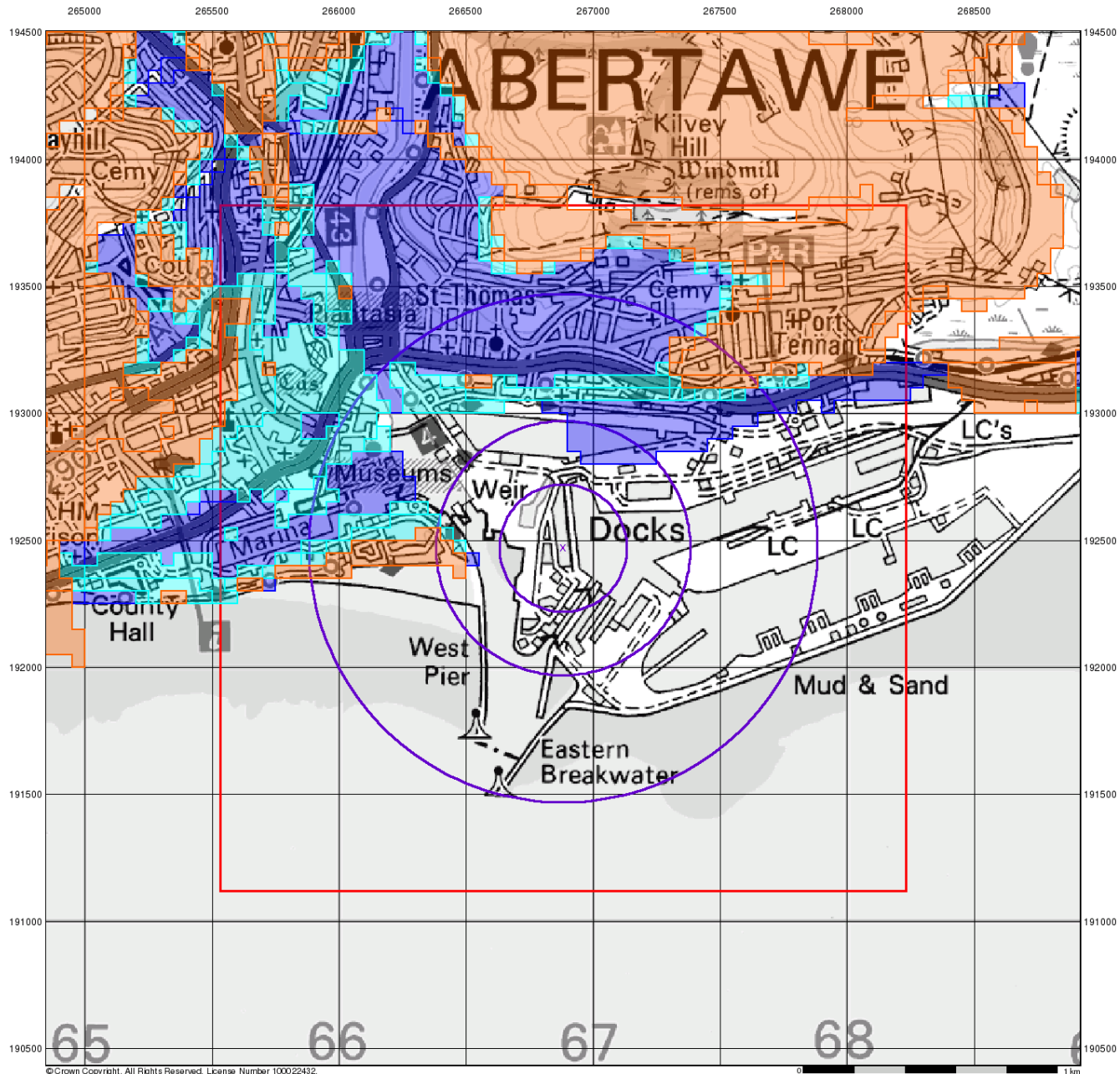
Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
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Site Details

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BGS Flood Data (1:50,000)

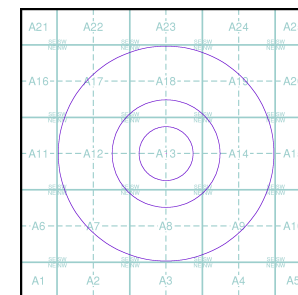
General

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

BGS Groundwater Flooding Susceptibility

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

BGS Flood Data Map - Slice A



Order Details

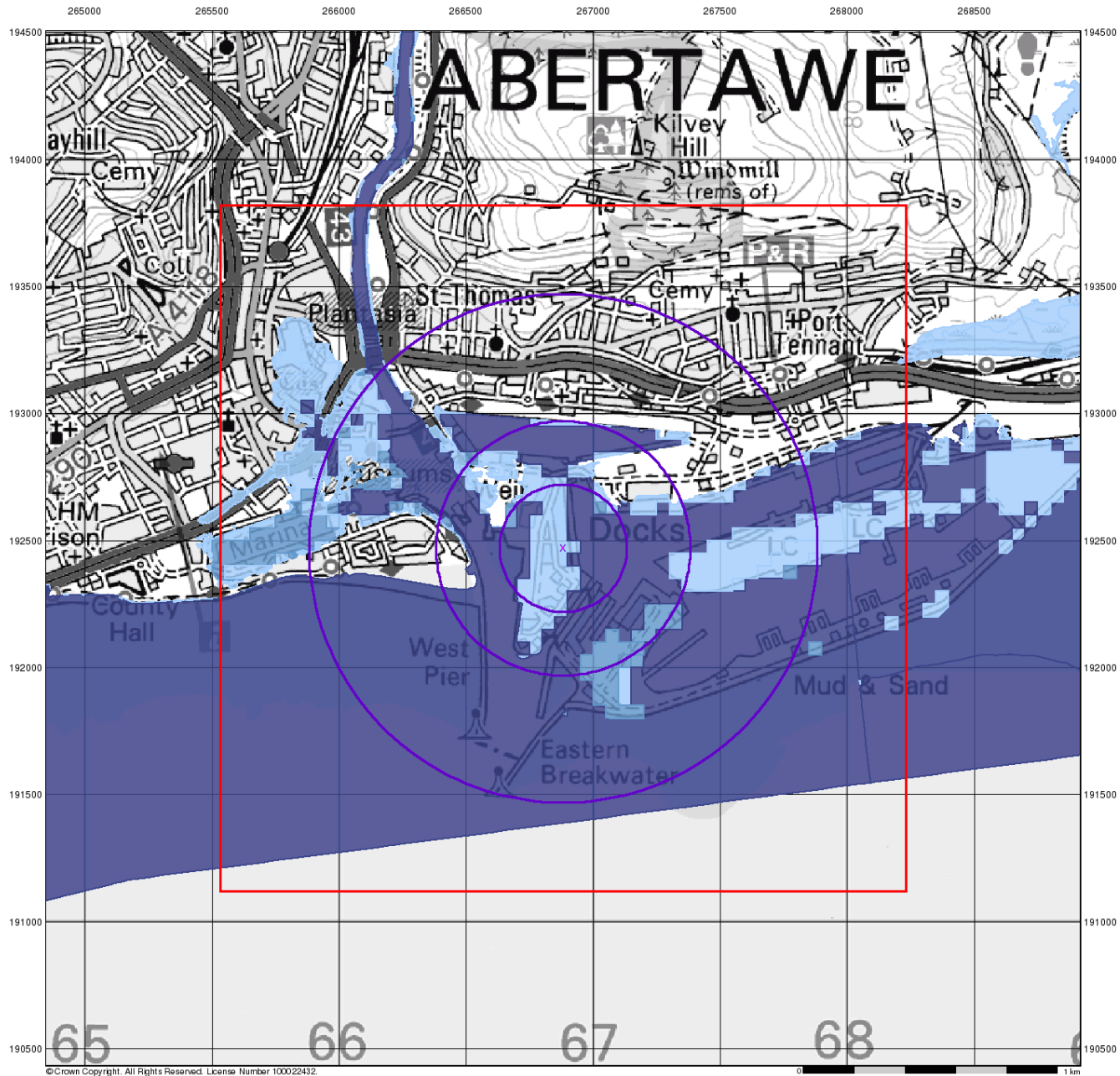
Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
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Site Details

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EA/NRW RoFRS Data (1:50,000)

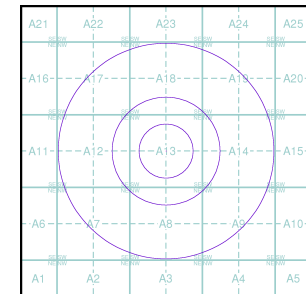
General

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

Risk of Flooding from Rivers and Sea (RoFRS)

- High Risk
- Medium Risk
- Low Risk
- Very Low Risk

EA/NRW RoFRS Data Map - Slice A



Order Details

Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Kings Dock, Swansea, SA1 8RU



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

REPORT 2

BESPOKE ENVIRONMENTAL PERMIT APPLICATION SITE CONDITION REPORT

**King's Dock
Swansea**

**Appendix 6
Envirocheck Report
Datasheet**

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

62880715_1_1

Customer Reference:

1422

National Grid Reference:

266880, 192470

Slice:

A

Site Area (Ha):

0.01

Search Buffer (m):

1000

Site Details:

Kings Dock

Swansea

SA1 8RU

Client Details:

Mr A Jones

Geotechnology

Ty Coed

5 Cefn-Yr-Allt

Aberdulais

Neath

SA10 8HE

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	52
Hazardous Substances	56
Geological	57
Industrial Land Use	67
Sensitive Land Use	-
Data Currency	74
Data Suppliers	79
Useful Contacts	80

Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination. For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.

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

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Report Version v49.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		25	84	51
Enforcement and Prohibition Notices	pg 40				2
Integrated Pollution Controls	pg 41			3	
Integrated Pollution Prevention And Control	pg 41				1
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 41			1	11
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 43		Yes		
Pollution Incidents to Controlled Waters	pg 43		2	6	17
Prosecutions Relating to Authorised Processes					
Prosecutions Relating to Controlled Waters					
Registered Radioactive Substances					
River Quality	pg 47			1	
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 47				1
Water Abstractions	pg 48			1	4 (*4)
Water Industry Act Referrals	pg 50				1
Groundwater Vulnerability	pg 50	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 50	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 50	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 50	Yes	Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 50		Yes	n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
Detailed River Network Lines	pg 51			Yes	n/a
Detailed River Network Offline Drainage					n/a

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites	pg 52				1
Historical Landfill Sites	pg 52				1
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 52		2	1	3
Local Authority Recorded Landfill Sites					
Registered Landfill Sites					
Registered Waste Transfer Sites	pg 54		1	1	
Registered Waste Treatment or Disposal Sites	pg 55		1		2
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites	pg 56		1		
Notification of Installations Handling Hazardous Substances (NIHHS)	pg 56				1
Planning Hazardous Substance Consents	pg 56			1	1
Planning Hazardous Substance Enforcements					
Geological					
BGS 1:625,000 Solid Geology	pg 57	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 57	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 62				4
BGS Urban Soil Chemistry	pg 63		Yes	Yes	Yes
BGS Urban Soil Chemistry Averages	pg 65	Yes			
Brine Compensation Area			n/a	n/a	n/a
Coal Mining Affected Areas	pg 65	Yes	n/a	n/a	n/a
Mining Instability	pg 65	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards				n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 65	Yes		n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 65	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 66	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 66		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

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Industrial Land Use					
Contemporary Trade Directory Entries	pg 67		5	3	61
Fuel Station Entries	pg 73				2
Sensitive Land Use					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - A Shed Wharf Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055845 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A13SE (S)	73	3	266900 192400
1	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: A Shed Toilet Block Kings Dock Swa, Kings Dock Swansea Authority: Natural Resources Wales Catchment Area: Stream 59-59 Reference: BP0055801 Permit Version: 2 Effective Date: 12th January 1993 Issued Date: 12th October 1992 Revocation Date: Not Supplied Discharge Type: Unspecified Discharge: Freshwater Stream/River Environment: Receiving Water: Kings Dock Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m</p>	A13SE (SE)	99	3	266940 192390
2	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055832 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 2nd October 1995 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A13NW (W)	87	3	266800 192500
3	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - B Shed Wharf Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055846 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A13NE (N)	132	3	266900 192600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - B Shed Wharf Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055847 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (N)	132	3	266900 192600
3	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - B Shed Wharf Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055848 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (N)	132	3	266900 192600
3	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - B Shed Wharf Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055849 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (N)	132	3	266900 192600
3	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - B Shed Wharf Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055850 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (N)	132	3	266900 192600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - B Shed Wharf Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055851 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A13NE (N)	132	3	266900 192600
4	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: M&E Amenity Block At Workshops Sw, Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055835 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 11th January 1993 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tawe Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A13NW (NW)	154	3	266800 192600
4	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055829 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 12th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A13NW (NW)	154	3	266800 192600
4	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055830 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 2nd October 1995 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A13NW (NW)	154	3	266800 192600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055831 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 2nd October 1995 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	154	3	266800 192600
4	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055840 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 12th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	154	3	266800 192600
4	Discharge Consents Operator: Picon (South Wales) Ltd, Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bc0001201 Permit Version: 1 Effective Date: 19th January 1966 Issued Date: 19th January 1966 Revocation Date: 22nd December 1993 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Tidal Basin Prince Of Wales Dr Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	154	3	266800 192600
4	Discharge Consents Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: M&E Amenity Block At Workshops Sw, Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: BP0055835 Permit Version: 2 Effective Date: 12th January 1993 Issued Date: 12th October 1992 Revocation Date: 20th April 2011 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tawe Estuary Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	174	3	266780 192610

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - A Shed Wharf Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055842 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13SE (S)	171	3	266900 192300
5	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - A Shed Wharf Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055843 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13SE (S)	171	3	266900 192300
5	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - A Shed Wharf Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055844 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13SE (S)	171	3	266900 192300
6	Discharge Consents Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: Ferryport Marshalling Area Swansea, Swansea Docks Authority: Natural Resources Wales Catchment Area: Stream 59-59 Reference: Bp0055804 Permit Version: 2 Effective Date: 12th January 1993 Issued Date: 12th October 1992 Revocation Date: 8th November 1996 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tawe Estuary Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	196	3	266720 192360

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: Stream 59-59 Reference: Bp0151388 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A13SE (SE)	207	3	267000 192300
8	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - B Shed Wharf Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055852 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A13NE (N)	232	3	266900 192700
9	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055818 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A13NW (N)	245	3	266800 192700
9	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0151371 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A13NW (N)	245	3	266800 192700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: Ferryport Marshalling Area Swansea, Swansea Docks Authority: Natural Resources Wales Catchment Area: Stream 59-59 Reference: Bp0055804 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 11th January 1993 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tawe Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A13SW (SW)	249	3	266700 192300
11	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Natural Resources Wales Catchment Area: Stream 59-59 Reference: Bp0055808 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 12th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A13NE (NE)	255	3	267100 192600
11	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055866 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A13NE (NE)	255	3	267100 192600
11	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055867 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A13NE (NE)	255	3	267100 192600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055868 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	255	3	267100 192600
11	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055869 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	255	3	267100 192600
11	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055870 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	255	3	267100 192600
11	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055871 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	255	3	267100 192600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055872 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A13NE (NE)	255	3	267100 192600
11	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055882 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A13NE (NE)	255	3	267100 192600
12	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - C Shed Wharf D Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055853 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A13NE (NE)	259	3	267000 192700
12	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - C Shed Wharf D Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055854 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A13NE (NE)	259	3	267000 192700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - C Shed Wharf D Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055855 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	259	3	267000 192700
12	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - C Shed Wharf D Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055856 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	259	3	267000 192700
12	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - C Shed Wharf D Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055857 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	259	3	267000 192700
12	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - C Shed Wharf D Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055858 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	259	3	267000 192700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - C Shed Wharf D Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055859 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	259	3	267000 192700
12	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - C Shed Wharf D Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055860 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	259	3	267000 192700
12	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - C Shed Wharf D Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055861 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	259	3	267000 192700
12	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - C Shed Wharf D Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055862 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	259	3	267000 192700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - C Shed Wharf D Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055863 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	259	3	267000 192700
12	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - C Shed Wharf D Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055865 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	259	3	267000 192700
13	Discharge Consents Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0151385 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 12th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13SE (S)	271	3	266900 192200
13	Discharge Consents Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0151386 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 21st October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13SE (S)	271	3	266900 192200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0151358 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A13SE (SE)	277	3	267100 192300
15	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: BP0055805 Permit Version: 2 Effective Date: 12th January 1993 Issued Date: 12th October 1992 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Tawe Estuary Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m</p>	A13SW (SW)	284	3	266730 192230
15	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: Ferryport Terminal Building Swans, Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055833 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 11th January 1993 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tawe Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A13SW (SW)	326	3	266700 192200
15	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055805 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 11th January 1993 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tawe Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A13SW (SW)	326	3	266700 192200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Outfall 'M' The Tawe Barrage Swans, The Tawe Barrage Swansea Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0164001 Permit Version: 1 Effective Date: 1st January 1901 Issued Date: 1st January 1901 Revocation Date: 7th February 1991 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tawe Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A13NW (W)	323	3	266560 192500
17	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0151370 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A13NW (N)	341	3	266800 192800
18	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Natural Resources Wales Catchment Area: Stream 59-59 Reference: Bp0055809 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 12th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A13NE (E)	345	3	267200 192600
18	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055873 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A13NE (E)	345	3	267200 192600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055874 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (E)	345	3	267200 192600
18	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055875 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (E)	345	3	267200 192600
18	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055876 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (E)	345	3	267200 192600
18	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055877 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (E)	345	3	267200 192600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055878 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (E)	345	3	267200 192600
18	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055879 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (E)	345	3	267200 192600
18	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055880 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (E)	345	3	267200 192600
18	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055881 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (E)	345	3	267200 192600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055883 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (E)	345	3	267200 192600
18	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055884 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (E)	345	3	267200 192600
18	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055885 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (E)	345	3	267200 192600
18	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Wharf D Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055886 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (E)	345	3	267200 192600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055816 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 16th December 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	348	3	267100 192200
19	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0151357 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	348	3	267100 192200
20	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Swansea Marina Barrage Sso Relocati, Relocation Authority: Natural Resources Wales Catchment Area: River Tawe Reference: BP0218901 Permit Version: 1 Effective Date: 26th October 1992 Issued Date: 26th October 1992 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Saline Estuary Environment: Receiving Water: River Tawe Estuary Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m	A13NW (W)	350	3	266548 192575
21	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055837 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A8NE (S)	371	3	266900 192100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055838 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A8NE (S)	371	3	266900 192100
22	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: Marine Control Building Swansea D, Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055807 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 11th October 1992 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: River Tawe Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A8NW (S)	379	3	266800 192100
22	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: Marine Control Building Swansea D, Swansea Docks Authority: Environment Agency, Welsh Region Catchment Area: River Tawe Reference: Bp0055807 Permit Version: 2 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 11th January 1993 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: River Tawe Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A8NW (S)	379	4	266800 192100
22	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055841 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 12th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A8NW (S)	379	3	266800 192100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0151383 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A8NW (S)	379	3	266800 192100
22	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0151384 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A8NW (S)	379	3	266800 192100
22	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0151387 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A8NW (S)	379	3	266800 192100
22	Discharge Consents Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: Marine Control Building Swansea D, Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: BP0055807 Permit Version: 3 Effective Date: 12th October 1992 Issued Date: 12th October 1992 Revocation Date: Not Supplied Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: River Tawe Estuary Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m	A8NW (S)	408	3	266800 192070

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Outfall 'M' The Tawe Barrage Swans, The Tawe Barrage Swansea Authority: Natural Resources Wales Catchment Area: River Tawe Reference: BP0237413 Permit Version: 1 Effective Date: 1st January 1998 Issued Date: 12th December 1996 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Saline Estuary Environment: Receiving Water: River Tawe Estorial Waters Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m</p>	A12NE (W)	383	3	266515 192580
23	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Outfall 'M' The Tawe Barrage Swans, The Tawe Barrage Swansea Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0164001 Permit Version: 2 Effective Date: 8th February 1991 Issued Date: 8th February 1991 Revocation Date: 12th October 1992 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tawe Estuary Status: Consent expired Positional Accuracy: Located by supplier to within 10m</p>	A12NE (W)	383	3	266515 192580
24	<p>Discharge Consents</p> <p>Operator: Williams H H & Son (Roofing) Ltd Property Type: Undefined Or Other Location: Pier Head Yard South Dock Swansea Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Bd0029301 Permit Version: 1 Effective Date: 11th September 1969 Issued Date: 11th September 1969 Revocation Date: 22nd December 1993 Discharge Type: Unspecified Discharge: Onto Land Environment: Receiving Water: To Land Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A12NE (W)	383	3	266500 192500
24	<p>Discharge Consents</p> <p>Operator: Willson H H & Son (Roofing) Ltd., Property Type: Undefined Or Other Location: Pier Head Yard South Dock Swansea Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Be0026901 Permit Version: 1 Effective Date: 11th September 1969 Issued Date: 11th September 1969 Revocation Date: 31st January 1994 Discharge Type: Unspecified Discharge: Onto Land Environment: Receiving Water: To Land Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A12NE (W)	383	3	266500 192500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: Ferryport Terminal Building Swans, Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055833 Permit Version: 2 Effective Date: 12th January 1993 Issued Date: 12th October 1992 Revocation Date: 8th November 1996 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tawe Estuary Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A8NW (SW)	386	3	266700 192130
25	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: Harbour Office Lockhead Kings Dock, Lockhead Kings Dock Swansea Authority: Natural Resources Wales Catchment Area: River Tawe Reference: BP0126601 Permit Version: 1 Effective Date: 6th June 1989 Issued Date: 6th June 1989 Revocation Date: Not Supplied Discharge Type: Unspecified Discharge: Freshwater Stream/River Environment: Receiving Water: River Tawe Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m</p>	A8NW (SW)	412	3	266700 192100
25	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: Harbour Office Lockhead Kings Dock, Lockhead Kings Dock Swansea Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055836 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 12th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A8NW (SW)	412	3	266700 192100
26	<p>Discharge Consents</p> <p>Operator: Spontex Ltd, Property Type: Pulp, Paper & Board Location: Spontex Ltd St Nicholas Quay Mariti, St Nicholas Quay Maritime Quarte, Maritime Quarter. Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bc0005601 Permit Version: 1 Effective Date: 22nd November 1966 Issued Date: 22nd November 1966 Revocation Date: 30th January 1992 Discharge Type: Trade Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: River Tawe Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A12SE (W)	388	3	266500 192400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
27	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055817 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 12th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A13NE (NE)	397	3	267100 192800
27	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055819 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 12th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A13NE (NE)	397	3	267100 192800
28	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Whard D Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055888 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A14NW (E)	439	3	267300 192600
28	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Whard D Authority: Natural Resources Wales Catchment Area: Stream 59-59 Reference: Bp0055889 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A14NW (E)	439	3	267300 192600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - D Shed Whard D Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055890 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A14NW (E)	439	3	267300 192600
29	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: Stream 59-59 Reference: Bp0055803 Permit Version: 2 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A12NE (NW)	446	3	266500 192700
29	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055827 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 9th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A12NE (NW)	446	3	266500 192700
29	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055828 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A12NE (NW)	446	3	266500 192700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0151380 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 2nd October 1995 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A12NE (NW)	446	3	266500 192700
29	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0151381 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 2nd October 1995 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A12NE (NW)	446	3	266500 192700
29	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0151382 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 2nd October 1995 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A12NE (NW)	446	3	266500 192700
29	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: Stream 59-59 Reference: Bp0151389 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 2nd October 1995 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A12NE (NW)	446	3	266500 192700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: Stream 59-59 Reference: Bp0055803 Permit Version: 1 Effective Date: 1st January 1901 Issued Date: 1st January 1901 Revocation Date: 17th September 1987 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A12NE (NW)	446	3	266500 192700
30	<p>Discharge Consents</p> <p>Operator: J W Aquaculture Ltd Property Type: Fish Farm Location: Phoenix Wharf Kings Dock Swansea, Kings Dock Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Bp0290301 Permit Version: 1 Effective Date: 27th June 2001 Issued Date: 27th June 2001 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge: Controlled Sea Environment: Receiving Water: Kings Dock Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A14SW (SE)	451	3	267290 192280
31	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0151367 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A13NE (NE)	459	3	267200 192800
31	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: Stream 59-59 Reference: Bp0151368 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A13NE (NE)	459	3	267200 192800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0151369 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A13NE (NE)	459	3	267200 192800
32	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Domestic Property (Single) Location: Barry Cardiff And Swansea Ship Reps, Barry Cardiff Swansea Ship Repai, Swansea And Port Talbot Docks, Swansea, Wales Authority: Natural Resources Wales Catchment Area: River Tawe Reference: BP0055806 Permit Version: 2 Effective Date: 21st January 1993 Issued Date: 21st October 1992 Revocation Date: Not Supplied Discharge Type: Non Water Company (Private) Sewage Discharge: Saline Estuary Environment: Receiving Water: Tawe Estuary Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m</p>	A8NE (S)	471	3	266900 192000
32	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Domestic Property (Single) Location: Barry Cardiff And Swansea Ship Reps, Barry Cardiff Swansea Ship Repai, Swansea And Port Talbot Docks, Swansea, Wales Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055806 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 20th January 1993 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tawe Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A8NE (S)	471	3	266900 192000
32	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Domestic Property (Single) Location: Barry Cardiff And Swansea Ship Reps, Barry Cardiff Swansea Ship Repai, Swansea And Port Talbot Docks, Swansea, Wales Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055834 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A8NE (S)	471	3	266900 192000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
33	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks - Scherzer Passa Authority: Natural Resources Wales Catchment Area: Stream 59-59 Reference: Bp0055902 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A14SW (SE)	498	3	267300 192200
34	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0151372 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A12NE (NW)	505	3	266500 192800
34	<p>Discharge Consents</p> <p>Operator: Cory Bros Property Type: Undefined Or Other Location: Portakabin Complex Kings Rd. Swansea, Kings Rd. Swansea Docks. Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Bm0012401 Permit Version: 1 Effective Date: 26th January 1981 Issued Date: 26th January 1981 Revocation Date: 2nd July 1994 Discharge Type: Unspecified Discharge: Onto Land Environment: Receiving Water: To Land Status: Consent expired Positional Accuracy: Located by supplier to within 10m</p>	A12NE (NW)	520	3	266480 192800
35	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0151365 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A18SW (N)	537	3	266800 193000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0151366 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A18SW (N)	537	3	266800 193000
36	<p>Discharge Consents</p> <p>Operator: Soil Fertility Dunns Ltd Property Type: Undefined Or Other Location: Soil Fertility Dunns Ltd Phoenix Wh, Phoenix Wharf Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Bf0083901 Permit Version: 1 Effective Date: 10th July 1973 Issued Date: 10th July 1973 Revocation Date: 29th December 1993 Discharge Type: Unspecified Discharge: Land/Soakaway Environment: Receiving Water: Soakaway Nr N/W Bank Queens Do Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A14SW (E)	546	3	267400 192300
37	<p>Discharge Consents</p> <p>Operator: Max Recovery (Holdings) Ltd Property Type: Undefined Or Other Location: Cuba Press Site Kings Dock Swansea Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Bm0039602 Permit Version: 1 Effective Date: 9th August 1984 Issued Date: 9th August 1984 Revocation Date: 15th March 1993 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Left Bank Of Tidal River Tawe Status: Consent expired Positional Accuracy: Located by supplier to within 10m</p>	A8NE (S)	551	3	266910 191920
38	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0151362 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A18SW (N)	561	3	266700 193000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
38	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0151363 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A18SW (N)	561	3	266700 193000
38	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0151364 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A18SW (N)	561	3	266700 193000
39	<p>Discharge Consents</p> <p>Operator: Steve Williams Property Type: Sewerage Network - Pumping Station - Others Location: Ps At Swansea Point Development Swn, Swansea Point, Swansea, Wales Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Bp0327001 Permit Version: 1 Effective Date: 25th August 2004 Issued Date: 25th August 2004 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Afon Tawe Via Surface Water Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NE (W)	576	3	266318 192584
40	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0151359 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A18SW (NW)	601	3	266600 193000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
40	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0151360 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A18SW (NW)	601	3	266600 193000
40	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0151361 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A18SW (NW)	601	3	266600 193000
41	Discharge Consents Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: A Shed Toilet Block Kings Dock Swa, Kings Dock Swansea Authority: Natural Resources Wales Catchment Area: Stream 59-59 Reference: Bp0055801 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 11th January 1993 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Kings Dock Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m	A14SW (E)	642	3	267500 192300
42	Discharge Consents Operator: Max Recovery (Holdings) Ltd Property Type: Trade (Unknown/Other) Location: Cuba Press Site, Queens Dock, ., Swansea, Sa1 8qn Authority: Natural Resources Wales Catchment Area: Not Given Reference: Bm0039601 Permit Version: 1 Effective Date: 9th August 1984 Issued Date: 9th August 1984 Revocation Date: 31st October 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Into Land Environment: Receiving Water: To Land Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A8NE (S)	657	3	267030 191830

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
43	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055815 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 10th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A14SE (E)	722	3	267600 192400
44	<p>Discharge Consents</p> <p>Operator: Tarmac Ltd Property Type: Undefined Or Other Location: Concrete Batching Plant Prince Of W, Prince Of Wales Dock Langdon Roa, Langdon Road Swansea Authority: Natural Resources Wales Catchment Area: River Tawe Reference: BP0224601 Permit Version: 1 Effective Date: 27th July 1993 Issued Date: 27th July 1993 Revocation Date: 23rd May 2003 Discharge Type: Trade Effluent Discharge: Tidal Waters Environment: Receiving Water: Prince Of Wales Dock Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	774	3	266420 193090
45	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Kings Rd Emergency Overflow 91 Authority: Natural Resources Wales Catchment Area: River Tawe Reference: BP0065101 Permit Version: 2 Effective Date: 12th January 1993 Issued Date: 12th October 1992 Revocation Date: 30th November 2000 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tawe Estuary Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	774	3	266309 192990
45	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Kings Rd Emergency Overflow 91 Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0065101 Permit Version: 1 Effective Date: 9th October 1987 Issued Date: 9th October 1987 Revocation Date: 11th January 1993 Discharge Type: Unspecified Discharge: Saline Estuary Environment: Receiving Water: Tawe Estuary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	774	3	266309 192990

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
45	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Dock Area.Swo (Point 91 New Ma Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bw4102001 Permit Version: 1 Effective Date: 4th February 1963 Issued Date: 4th February 1963 Revocation Date: 14th March 1994 Discharge Type: Unspecified Discharge: Freshwater Stream/River Environment: Receiving Water: River Tawe Status: Consent expired Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	782	3	266290 192980
45	<p>Discharge Consents</p> <p>Operator: Andrew Scott Ltd Property Type: General Construction Work Location: Ethos Project Site A2 Sa1 Swansea, Site A2 Kings Road, Sa1 Development, Swansea Waterfront Swansea Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Bp0356101 Permit Version: 1 Effective Date: 20th October 2006 Issued Date: 20th October 2006 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage Discharge: Saline Estuary Environment: Receiving Water: Tawe Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	794	3	266300 193010
46	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Domestic Property (Single) Location: National Coal Borad Laboratory, National Coal Board Laboratory, Ferry Port, Kings Dock, Swansea Authority: Natural Resources Wales Catchment Area: Stream 59-59 Reference: BP0055802 Permit Version: 2 Effective Date: 21st January 1993 Issued Date: 21st October 1992 Revocation Date: Not Supplied Discharge Type: Unspecified Discharge: Controlled Sea Environment: Receiving Water: Kings Dock Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m</p>	A14NE (E)	829	3	267700 192600
46	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Domestic Property (Single) Location: National Coal Borad Laboratory, National Coal Board Laboratory, Ferry Port, Kings Dock, Swansea Authority: Natural Resources Wales Catchment Area: Stream 59-59 Reference: Bp0055802 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 20th January 1993 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Kings Dock Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A14NE (E)	829	3	267700 192600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
46	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Domestic Property (Single) Location: National Coal Board Laboratory, National Coal Board Laboratory, Ferry Port, Kings Dock, Swansea Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055839 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A14NE (E)	829	3	267700 192600
47	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Swo. Dock Area (Ext.Of Point 3 Authority: Natural Resources Wales Catchment Area: River Tawe Reference: BW4103601 Permit Version: 1 Effective Date: 4th February 1963 Issued Date: 4th February 1963 Revocation Date: 10th July 2001 Discharge Type: Unspecified Discharge: Freshwater Stream/River Environment: Receiving Water: River Tawe Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A17SW (NW)	832	3	266170 192900
47	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Station - Water Company Location: East Burrows Ps Emerg Authority: Natural Resources Wales Catchment Area: Not Given Reference: BO5091701 Permit Version: 1 Effective Date: 19th October 1989 Issued Date: 19th October 1989 Revocation Date: 10th July 2001 Discharge Type: Unspecified Discharge: Coastal Environment: Receiving Water: Swansea Bay Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A17SW (NW)	852	3	266130 192870
47	<p>Discharge Consents</p> <p>Operator: J Sainsbury Plc Property Type: Retail Distribution Location: Quay Parade Fabian Way Swansea Authority: Natural Resources Wales Catchment Area: River Tawe Reference: BM0038702 Permit Version: 1 Effective Date: 22nd June 1984 Issued Date: 22nd June 1984 Revocation Date: Not Supplied Discharge Type: Miscellaneous Discharges - Surface Water Discharge: Saline Estuary Environment: Receiving Water: Tawe Estuary Below New Cut Bri Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m</p>	A17SW (NW)	879	3	266140 192940

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
48	<p>Discharge Consents</p> <p>Operator: Bp Chemicals Ltd Property Type: Mineral Oil Processing Location: Queens Dock Shipping Terminal Swa, Swansea Authority: Natural Resources Wales Catchment Area: River Tawe Reference: BP0256604 Permit Version: 1 Effective Date: 2nd October 1995 Issued Date: 2nd October 1995 Revocation Date: Not Supplied Discharge Type: Unspecified Discharge: Freshwater Stream/River Environment: Receiving Water: Estuarial Waters Of Queens Doc Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m</p>	A9NW (SE)	841	3	267500 191900
49	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Port Tennant Swansea Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Bo5112401 Permit Version: 1 Effective Date: 20th October 1989 Issued Date: 20th October 1989 Revocation Date: 14th March 1994 Discharge Type: Unspecified Discharge: Freshwater Stream/River Environment: Receiving Water: Un-Named Stream Status: Consent expired Positional Accuracy: Located by supplier to within 10m</p>	A19SE (NE)	849	3	267560 192980
50	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0151375 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A17SW (NW)	864	3	266200 193000
50	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0151376 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A17SW (NW)	864	3	266200 193000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
50	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0151377 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 2nd October 1995 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A17SW (NW)	864	3	266200 193000
50	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0151378 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A17SW (NW)	864	3	266200 193000
50	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0151379 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A17SW (NW)	864	3	266200 193000
51	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Cambrian Place Point 120, Pt 120 Cambrian Place Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Bp0212601 Permit Version: 2 Effective Date: 8th September 2010 Issued Date: 8th September 2010 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Tawe Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A17SW (NW)	870	3	266100 192850

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
51	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Cambrian Place Point 120, Pt 120 Cambrian Place Authority: Natural Resources Wales Catchment Area: Not Given Reference: BP0212601 Permit Version: 1 Effective Date: 20th October 1989 Issued Date: 20th October 1989 Revocation Date: 7th September 2010 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Tawe Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m</p>	A17SW (NW)	870	3	266100 192850
52	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Swo. Dock Area (Point 59 Old M) Authority: Natural Resources Wales Catchment Area: River Tawe Reference: BW4104401 Permit Version: 1 Effective Date: 4th February 1963 Issued Date: 4th February 1963 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Tawe Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m</p>	A17SW (NW)	881	3	266150 192960
53	<p>Discharge Consents</p> <p>Operator: British Coal Corporation Property Type: Undefined Or Other Location: Sept Tank @ Coal Sampling Lab Kings, Kings Dock-Abandoned Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Bf0156801 Permit Version: 1 Effective Date: 5th October 1976 Issued Date: 5th October 1976 Revocation Date: 19th October 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Dockside - Kings Dock, Swansea Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A14NE (E)	883	3	267700 192800
54	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055820 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A17SW (NW)	929	3	266200 193100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
54	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055821 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A17SW (NW)	929	3	266200 193100
54	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055822 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A17SW (NW)	929	3	266200 193100
54	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055823 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A17SW (NW)	929	3	266200 193100
54	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055824 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 2nd October 1995 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A17SW (NW)	929	3	266200 193100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
54	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055825 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 2nd October 1995 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A17SW (NW)	929	3	266200 193100
54	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0055826 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 2nd October 1995 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A17SW (NW)	929	3	266200 193100
54	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0151373 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 2nd October 1995 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A17SW (NW)	929	3	266200 193100
54	<p>Discharge Consents</p> <p>Operator: Associated British Ports Property Type: Undefined Or Other Location: Swansea Docks Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0151374 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 2nd October 1995 Discharge Type: Unspecified Discharge: Tidal Waters Environment: Receiving Water: Swansea Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A17SW (NW)	929	3	266200 193100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
54	<p>Discharge Consents</p> <p>Operator: J Sainsbury Plc Property Type: Retail Distribution Location: Quay Parade Fabian Way Swansea Authority: Natural Resources Wales Catchment Area: River Tawe Reference: BM0038701 Permit Version: 1 Effective Date: 22nd June 1984 Issued Date: 22nd June 1984 Revocation Date: Not Supplied Discharge Type: Miscellaneous Discharges - Surface Water Discharge: Saline Estuary Environment: Receiving Water: Tawe Estuary Below New Cut Bri Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m</p>	A17SW (NW)	952	3	266160 193090
55	<p>Discharge Consents</p> <p>Operator: Cemex Uk Materials Ltd Property Type: Ready Mixed Concrete Location: Swansea Batching Plant Kings Dock, Tarmac Western Limited, Ready Mix Concrete Plant, Kings Dock Swansea Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Bp0300101 Permit Version: 1 Effective Date: 24th October 2002 Issued Date: 24th October 2002 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage Discharge: Controlled Sea Environment: Receiving Water: Kings Dock Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A14NE (E)	959	3	267793 192766
56	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Swan Thms St/FabN Way Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0065001 Permit Version: 1 Effective Date: 9th October 1987 Issued Date: 9th October 1987 Revocation Date: 12th October 1992 Discharge Type: Unspecified Discharge: Coastal Environment: Receiving Water: Coastal Waters Status: Consent expired Positional Accuracy: Located by supplier to within 10m</p>	A17SW (NW)	959	3	266200 193144
56	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Swo. Below New Cut Bridge (Poi) Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bw4104501 Permit Version: 1 Effective Date: 4th February 1963 Issued Date: 4th February 1963 Revocation Date: 14th March 1994 Discharge Type: Unspecified Discharge: Freshwater Stream/River Environment: Receiving Water: River Tawe Status: Consent expired Positional Accuracy: Located by supplier to within 10m</p>	A17SW (NW)	971	3	266180 193140
57	<p>Enforcement and Prohibition Notices</p> <p>Location: Materials Recovery & Energy Centre, Fabian Way, Crymlyn Burrows, Swansea, Mid Glamorgan Permit Reference: Not Given Enforcement Date: Not Supplied Details: Failure To Install Facilities For Measuring Emissions Positional Accuracy: Manually positioned to the road within the address or location</p>	A18SE (N)	692	4	267099 193126

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
58	<p>Enforcement and Prohibition Notices</p> <p>Location: Crymlyn Burrows, Swansea Permit Reference: Not Given Enforcement Date: Not Supplied Details: During A Fire Water Used To Dowse The Flames Was Allowed To Run Into Nearby Coastal Waters - Failure To Prevent This Resulted In The Serving Of The Notice Positional Accuracy: Manually positioned to the road within the address or location</p>	A19SW (NE)	692	4	267222 193071
59	<p>Integrated Pollution Controls</p> <p>Name: Swansea Dry Docks Ltd Location: Prince Of Wales Drydock, SWANSEA, Swansea, SA1 8RX Authority: Environment Agency, Welsh Region Permit Reference: BD5038 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 6.5 A (A) Coating processes and Printing within Miscellaneous Industries Status: Authorisation revokedRevoked Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	411	4	266934 192063
59	<p>Integrated Pollution Controls</p> <p>Name: Swansea Dry Docks Ltd Location: Prince Of Wales Drydock, SWANSEA, West Glamorgan, SA1 8RX Authority: Environment Agency, Welsh Region Permit Reference: AU8784 Dated: 26th July 1996 Process Type: IPC new application Description: 6.5 A (A) Coating processes and Printing within Miscellaneous Industries Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	411	4	266934 192063
59	<p>Integrated Pollution Controls</p> <p>Name: Swansea Dry Docks Ltd Location: Prince Of Wales Drydock, SWANSEA, SA1 8RX Authority: Environment Agency, Welsh Region Permit Reference: BF1246 Dated: 25th January 1999 Process Type: IPC minor (non-substantial) variation to previous variation Description: 6.5 A (A) Coating processes and Printing within Miscellaneous Industries Status: Application has met the requirements for authorisation (but not yet authorised)Not Yet Authorised Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	412	4	266934 192062
60	<p>Integrated Pollution Prevention And Control</p> <p>Name: Neath Port Talbot Recycling Ltd Location: Crymlyn Burrows Materials Recycling And Energy Ctr, Materials Recovery And Energy, Baldwin Crescent, Crymlyn Burrows, Neath, SA1 8PZ Authority: Natural Resources Wales Permit Reference: Bx8220iw Original Permit Ref: Bjs775if Effective Date: 19th May 2004 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Manually positioned within the geographical locality Activity Code: 5.1 A(1) (D) Activity Description: Waste Incineration; Hazardous Waste Unless Otherwise Stated Primary Activity: Y</p>	A14NW (NE)	587	3	267398 192748
61	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Abp Location: Graigola Wharf, Kings Dock, Swansea, Sa Authority: Swansea Bay Port Health Authority Permit Reference: E2/8/C Dated: 28th January 1993 Process Type: Local Authority Pollution Prevention and Control Description: PG3/5 Coal, coke and coal product processes Status: Permitted Positional Accuracy: Manually positioned within the geographical locality</p>	A14NW (E)	470	5	267321 192636
62	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Hanson Aggregates South Wales Ltd Location: Swansea Premix Plant, Langdon Road, SWANSEA, West Glamorgan, SA1 8QY Authority: City and County of Swansea, Environmental Health Department Permit Reference: Sd/Poll/Mw1385 Dated: 14th March 1995 Process Type: Local Authority Air Pollution Control Description: PG3/1Blending, packing, loading and use of bulk cement Status: Authorised Positional Accuracy: Manually positioned to the road within the address or location</p>	A18SE (N)	564	6	266930 193031

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
63	Local Authority Pollution Prevention and Controls Name: Bfs Location: 4 Quay (West), Kings Dock, Swansea Authority: Swansea Bay Port Health Authority Permit Reference: E2/8/M Dated: 3rd May 2005 Process Type: Local Authority Pollution Prevention and Control Description: PG3/5 Coal, coke and coal product processes Status: Permitted Positional Accuracy: Manually positioned within the geographical locality	A14NW (E)	608	5	267479 192581
64	Local Authority Pollution Prevention and Controls Name: Cemex Uk Location: Kings Dock, Swansea Authority: Swansea Bay Port Health Authority Permit Reference: E2/8/R Dated: 1st August 2002 Process Type: Local Authority Pollution Prevention and Control Description: PG3/1 Blending, packing, loading and use of bulk cement Status: Permitted Positional Accuracy: Manually positioned within the geographical locality	A14NW (E)	682	5	267515 192720
65	Local Authority Pollution Prevention and Controls Name: Petrol Express Location: Fabian Way, Port Tennant, SWANSEA, West Glamorgan, SA1 8LD Authority: City and County of Swansea, Environmental Health Department Permit Reference: NOT GIVEN Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Automatically positioned to the address	A18SE (NE)	715	6	267215 193102
66	Local Authority Pollution Prevention and Controls Name: Abp Location: 4 Quay, Kings Dock, Swansea Authority: Swansea Bay Port Health Authority Permit Reference: E2/8/H Dated: 26th January 2001 Process Type: Local Authority Pollution Prevention and Control Description: PG3/5 Coal, coke and coal product processes Status: Permitted Positional Accuracy: Manually positioned within the geographical locality	A14NE (E)	793	5	267633 192720
66	Local Authority Pollution Prevention and Controls Name: Abp Location: D Shed Wharf, Kings Dock, Swansea Authority: Swansea Bay Port Health Authority Permit Reference: E2/8/I Dated: 23rd January 1997 Process Type: Local Authority Pollution Prevention and Control Description: PG3/5 Coal, coke and coal product processes Status: Permitted Positional Accuracy: Manually positioned within the geographical locality	A14NE (E)	793	5	267633 192720
67	Local Authority Pollution Prevention and Controls Name: Spontex Ltd Location: St Nicholas Quay, SWANSEA, West Glamorgan, SA1 1UT Authority: City and County of Swansea, Environmental Health Department Permit Reference: Not Given Dated: 15th April 1994 Process Type: Local Authority Air Pollution Control Description: PG6/32 Adhesive coating Status: Authorisation revoked Positional Accuracy: Manually positioned within the geographical locality	A12NW (W)	839	6	266046 192541
68	Local Authority Pollution Prevention and Controls Name: Stenor Location: R/O Rose Wharf, Kings Dock, Swansea Authority: Swansea Bay Port Health Authority Permit Reference: E2/8/U Dated: 9th October 2006 Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes Status: Application exempt from APC Positional Accuracy: Manually positioned within the geographical locality	A14NE (E)	899	5	267771 192598

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
69	Local Authority Pollution Prevention and Controls Name: Sainsbury Service Station Location: Quay Parade, SWANSEA, West Glamorgan, SA1 8JA Authority: City and County of Swansea, Environmental Health Department Permit Reference: Pvr/2/Kdj Dated: 22nd April 1998 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Automatically positioned to the address	A17SW (NW)	970	6	266090 193030
70	Local Authority Pollution Prevention and Controls Name: Texaco Burrows Service Station Location: Fabian Way, Port Tennant, SWANSEA, West Glamorgan, SA1 8PA Authority: City and County of Swansea, Environmental Health Department Permit Reference: Prr/Textpt/Kdj/Poll Dated: 26th October 1998 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Manually positioned to the address or location	A19SE (NE)	972	6	267663 193047
71	Local Authority Pollution Prevention and Controls Name: Associated British Ports Location: Kings Dock, Swansea Docks, SWANSEA, West Glamorgan, SA1 8QU Authority: City and County of Swansea, Environmental Health Department Permit Reference: Not Given Dated: 30th September 1992 Process Type: Local Authority Air Pollution Control Description: PG3/5 Coal, coke and coal product processes Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned within the geographical locality	A14NE (E)	988	6	267811 192803
	Nearest Surface Water Feature	A13NE (E)	55	-	266936 192476
72	Pollution Incidents to Controlled Waters Property Type: Boats/Ships Location: Kings Dock, SWANSEA Authority: Environment Agency, Welsh Region Pollutant: Foam/Soap Suds Note: Accidental Spillage/Leakage Incident Date: 14th April 1992 Incident Reference: 4051 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Burst Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SE (S)	171	4	266900 192300
73	Pollution Incidents to Controlled Waters Property Type: Not Given Location: At Ferry Port Buildings, SWANSEA Authority: Environment Agency, Welsh Region Pollutant: Oils - Diesel (Including Agricultural) Note: River Tawe; Direct Introduction Incident Date: 14th August 1997 Incident Reference: 33223 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Accidental Spillage/Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	249	4	266700 192300
74	Pollution Incidents to Controlled Waters Property Type: Boats/Ships Location: Kings Dock, SWANSEA Authority: Environment Agency, Welsh Region Pollutant: Mining Water Note: Poor Operational Practise Incident Date: 25th April 1996 Incident Reference: 28240 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Spillage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SE (S)	271	4	266900 192200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
74	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Kings Dock, SWANSEA Authority: Environment Agency, Welsh Region Pollutant: Mining Water Note: Poor Management Control Incident Date: 25th April 1996 Incident Reference: 28240 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Spillage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SE (S)	276	4	266900 192195
75	Pollution Incidents to Controlled Waters Property Type: Not Given Location: SWANSEA Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Not Supplied Incident Date: 7th September 1991 Incident Reference: 1572 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	295	4	267000 192200
76	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Comet Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Not Supplied Incident Date: 20th August 1994 Incident Reference: 21330 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	A13NE (NE)	397	4	267100 192800
77	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Oil Leaking From, Ship Called Dubulti In Queens Dock, SWANSEA Authority: Environment Agency, Welsh Region Pollutant: Heavy Fuel Oil Note: Boundary Of Ha 59 & Ha 60; Leakage Incident Date: 28th April 1998 Incident Reference: 35486 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Accidental Spillage/Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SW (E)	452	4	267300 192300
78	Pollution Incidents to Controlled Waters Property Type: Waste Handling Facilities Location: Tank Farm, Cuba Buildings Authority: Environment Agency, Welsh Region Pollutant: Farm Effluent/Slurry Note: Neglect Incident Date: 11th June 1991 Incident Reference: 906 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Leakage Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A8NE (S)	476	4	266900 191995
79	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Originating In Swansea Docks, Carried By Tide To Port Talbot Authority: Environment Agency, Welsh Region Pollutant: Algae Note: Weather Incident Date: 31st May 1997 Incident Reference: 32402 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Natural Causes Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NW (S)	504	4	266700 192000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
80	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, Welsh Region Pollutant: Farm Effluent/Slurry Note: Vandalism Incident Date: 23rd October 1996 Incident Reference: 30418 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Leakage Incident Severity: Category 1 - Major Incident Positional Accuracy: Located by supplier to within 100m	A12NE (W)	620	4	266305 192695
80	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Swansea Marina, SWANSEA Authority: Environment Agency, Welsh Region Pollutant: Oils - Diesel (Including Agricultural) Note: Vandalism Incident Date: 23rd October 1996 Incident Reference: 30418 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Leakage Incident Severity: Category 1 - Major Incident Positional Accuracy: Located by supplier to within 100m	A12NE (W)	621	4	266305 192700
80	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Yacht Club, CAPEL DEWI Authority: Environment Agency, Welsh Region Pollutant: Oils - Diesel (Including Agricultural) Note: Natural Causes Incident Date: 9th June 1996 Incident Reference: 28907 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Natural Causes Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NE (W)	623	4	266305 192705
80	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Marina, SWANSEA Authority: Environment Agency, Welsh Region Pollutant: Light Oil Note: Not Supplied Incident Date: 14th November 1991 Incident Reference: 1650 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A12NE (W)	624	4	266300 192695
80	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Yacht Club, Car Park Strand Authority: Environment Agency, Welsh Region Pollutant: Oils - Diesel (Including Agricultural) Note: Natural Causes Incident Date: 9th June 1996 Incident Reference: 28907 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Natural Causes Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A12NE (W)	626	4	266300 192700
81	Pollution Incidents to Controlled Waters Property Type: Boats/Ships Location: Swasnea Docks, SWANSEA Authority: Environment Agency, Welsh Region Pollutant: Sewage - Septic Tank Effluent Note: Accidental Spillage/Leakage Incident Date: 4th April 1995 Incident Reference: 23760 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Spillage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	630	4	267300 192000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
81	Pollution Incidents to Controlled Waters Property Type: Boats/Ships Location: Queens Dock Authority: Environment Agency, Welsh Region Pollutant: Light Oil Note: Accidental Spillage/Leakage Incident Date: 4th April 1995 Incident Reference: 23760 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Spillage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	633	4	267300 191995
82	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Near A R C Batching Plant Authority: Environment Agency, Welsh Region Pollutant: Chemicals - Alkali Note: Accidental Spillage/Leakage Incident Date: 26th July 1996 Incident Reference: 30672 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Overflow Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	673	4	266400 192000
83	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Swansea Dry Docks, SWANSEA Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Accidental Spillage/Leakage Incident Date: 11th April 1996 Incident Reference: 27878 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Spillage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NE (SE)	676	4	267150 191850
84	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Dockside Behind, Boat Bits, EAST BANK Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Not Supplied Incident Date: 8th May 1996 Incident Reference: 28252 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	A17SE (NW)	717	4	266400 193000
85	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Off Pocket Wharf Authority: Environment Agency, Welsh Region Pollutant: Mining Water Note: Not Supplied Incident Date: 24th September 1996 Incident Reference: 30078 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	A12NW (W)	718	4	266200 192695
85	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Yacht Club, Sainsburys Authority: Environment Agency, Welsh Region Pollutant: Oils - Diesel (Including Agricultural) Note: Not Supplied Incident Date: 24th November 1994 Incident Reference: 21874 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A12NW (W)	720	4	266200 192700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
86	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Up To Barrage From, MORRISTON Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Not Supplied Incident Date: 6th August 1996 Incident Reference: 29421 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	A17SE (NW)	780	4	266305 192995
86	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Lock Entrance Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Weather Incident Date: 22nd April 1996 Incident Reference: 28258 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Overflow Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	784	4	266300 192995
86	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Storm Overflow Location: Lock Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Weather Incident Date: 22nd April 1996 Incident Reference: 28258 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Overflow Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	788	4	266300 193000
87	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Sainsburys, SWANSEA Authority: Environment Agency, Welsh Region Pollutant: Miscellaneous - Fire water / Foam Note: Not Supplied Incident Date: 23rd May 1995 Incident Reference: 24353 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	A17SW (NW)	864	4	266200 193000
	River Quality 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	A12SE (W)	373	4	266523 192371
88	Substantiated Pollution Incident Register Authority: Natural Resources Wales Incident Date: 19th April 2011 Incident Reference: 877437 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: Crude Sewage	A18SW (NW)	588	3	266605 192988

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
89	Water Abstractions Operator: Swansea City Council Licence Number: 22/59/1/0106 Permit Version: 100 Location: River Tawe Barrage Scheme Authority: Natural Resources Wales Abstraction: Production Of Energy: Hydroelectric Power Generation Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: R.Tawe Barrage Scheme U/S Of Docks Ss 6653 9265 Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A12NE (NW)	396	3	266530 192650
90	Water Abstractions Operator: J W Aquaculture Ltd Licence Number: 22/59/1/0120 Permit Version: 2 Location: Scherzer Passage, King'S Dock, Swansea Authority: Environment Agency, Welsh Region Abstraction: Aquaculture: Fish Farm/Cress Pond Throughflow 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: 3rd June 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14SW (SE)	546	4	267350 192190
90	Water Abstractions Operator: J W Aquaculture Ltd. Licence Number: 22/59/1/0120 Permit Version: 1 Location: Scherzer Passage, King'S Dock, Swansea Authority: Environment Agency, Welsh Region Abstraction: Aquaculture: Fish Farm/Cress Pond Throughflow 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: 1st April 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14SW (SE)	546	4	267350 192190
90	Water Abstractions Operator: J W Aquaculture Ltd. Licence Number: 22/59/1/0120 Permit Version: 1 Location: Scherzer Passage, King'S Dock, Swansea Authority: Environment Agency, Welsh Region Abstraction: Aquaculture: Fish Farm/Cress Pond Throughflow 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 February Authorised End: 31 May Permit Start Date: 1st April 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14SW (SE)	546	4	267350 192190

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
90	Water Abstractions Operator: J W Aquaculture Ltd. Licence Number: 22/59/1/0120 Permit Version: 1 Location: Scherzer Passage, King'S Dock, Swansea Authority: Environment Agency, Welsh Region Abstraction: Aquaculture: 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: 1st April 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14SW (SE)	546	4	267350 192190
	Water Abstractions Operator: National Waterfront Museum Swansea Licence Number: Wa/059/0001/015 Permit Version: 1 Location: South Dock, Swansea Marina - Point A Authority: Natural Resources Wales Abstraction: Other Industrial/Commercial/Public Services: Non-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: National Waterfront Museum Swansea Authorised Start: 01 May Authorised End: 30 September Permit Start Date: 10th April 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11NE (W)	1038	3	265851 192591
	Water Abstractions Operator: National Museums & Galleries Of Wales Licence Number: 22/59/1/0124 Permit Version: 3 Location: South Dock, Swansea Marina Authority: Environment Agency, Welsh Region Abstraction: Other Industrial/Commercial/Public Services: Non-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: National Waterfront Museum Swansea Authorised Start: 01 May Authorised End: 30 September Permit Start Date: 17th December 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11NE (W)	1039	4	265850 192590
	Water Abstractions Operator: National Museums & Galleries Of Wales Licence Number: 22/59/1/0124 Permit Version: 2 Location: South Dock, Swansea Marina Authority: Environment Agency, Welsh Region Abstraction: Other Industrial/Commercial/Public Services: Non-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: National Waterfront Museum Swansea Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11NE (W)	1039	4	265850 192590

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: National Waterfront Museum Swansea Licence Number: 22/59/1/0124 Permit Version: 1 Location: South Dock, Swansea Marina Authority: Environment Agency, Welsh Region Abstraction: Other Industrial/Commercial/Public Services: Non-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: National Waterfront Museum Swansea Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 16th April 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11NE (W)	1039	4	265850 192590
91	Water Industry Act Referrals Name: Mapa Spontex Uk Ltd Location: ST. NICHOLAS QUAY, MARITIME QUARTER, SWANSEA, WEST GLAMORGAN, SA1 1UT Authority: Natural Resources Wales Permit Reference: AF5182 Dated: 8th June 1992 Process Type: Permissions or amendments to discharge under the Water Industry Act 1991 Description: Processes which result in the discharge of Special Category effluents under The Trade Effluents (Prescribed Processes and Substances) Regulations Status: Application cancelled Positional Accuracy: Automatically positioned to the address	A12NW (W)	701	3	266183 192514
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise Map Sheet: Sheet 35 West Glamorgan Scale: 1:100,000	A13NE (N)	0	4	266882 192470
	Drift Deposits None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NE (N)	0	2	266882 192470
	Superficial Aquifer Designations Aquifer Designation: Unknown	A13NE (N)	0	2	266882 192470
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13NE (N)	0	3	266882 192470
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13NW (W)	245	3	266653 192557
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13SE (SE)	27	3	266900 192450
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
92	Detailed River Network Lines River Type: Down stream of High Water Mark River Name: Not Supplied Hydrographic Area: D009 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Flood Risk Management Indicative/Statutory Main River Management Status: Water Course: TAWE Name: Water Course: 3779 Reference:	A13SW (W)	308	4	266585 192389
93	Detailed River Network Lines River Type: Primary River River Name: (New Cut) Hydrographic Area: D009 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Flood Risk Management Indicative/Statutory Main River Management Status: Water Course: TAWE Name: Water Course: 3779 Reference:	A12NE (W)	426	4	266483 192619
	Detailed River Network Offline Drainage None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
94	BGS Recorded Landfill Sites Site Name: Cambrian Dry Docks Location: SWANSEA, West 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 (NW)	749	2	266209 192798
95	Historical Landfill Sites Licence Holder: Not Supplied Location: Swansea, West Glamorgan Name: Cambrian Dry Docks Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD32513 First Input Date: 31st December 1969 Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: 2624 Other Ref: Not Supplied	A12NW (NW)	824	3	266123 192791
96	Licensed Waste Management Facilities (Locations) Licence Number: 34177 Location: Associated British Ports Harbour, Lockhead, Kings Dock, Swansea, SA1 1QR Operator Name: Associated British Ports Holdings Plc Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Special Waste Transfer Stations Licence Status: Surrendered Issued: 1st January 2000 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 16th July 2004 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NE (N)	109	3	266886 192578
97	Licensed Waste Management Facilities (Locations) Licence Number: 34006 Location: Kings Dock, Swansea, SA1 8QU Operator Name: Caerleon Treatments Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Special Waste Transfer Stations Licence Status: Expired Issued: 30th March 1978 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13NE (E)	123	3	267000 192500
98	Licensed Waste Management Facilities (Locations) Licence Number: 102489 Location: Swansea Dry Docks, Swansea, West Glamorgan, SA1 1LY Operator Name: Swansea Drydocks Limited Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Metal Recycling Sites (Mixed) Licence Status: Modified Issued: 19th December 2011 Last Modified: 19th April 2013 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A8NE (S)	389	3	267000 192100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
99	Licensed Waste Management Facilities (Locations) Licence Number: 34178 Location: Associated British Ports Harbour, Kings Dock, Swansea, SA1 1QR Operator Name: Associated British Ports Holdings Plc Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Special Waste Transfer Stations Licence Status: Surrendered Issued: 21st March 2000 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 19th August 2002 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	544	3	266492 192849
100	Licensed Waste Management Facilities (Locations) Licence Number: 34007 Location: Queens Dock, Swansea, SA1 9XX Operator Name: Caerleon Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Physico-chemical Treatment Facilities Licence Status: Expired Issued: 30th August 1984 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A8NE (S)	681	3	267000 191800
101	Licensed Waste Management Facilities (Locations) Licence Number: 34290 Location: Stenor Environmental Ltd, Swansea Docks, Swansea, SA1 1QR Operator Name: Stenor Environmental Services Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Issued Issued: 26th June 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	A14SE (E)	761	3	267640 192420
	Local Authority Landfill Coverage Name: City and County of Swansea - Has no landfill data to supply		0	6	266882 192470

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
102	<p>Registered Waste Transfer Sites</p> <p>Licence Holder: Associated British Ports Holdings Plc Licence Reference: SWW 187L Site Location: B Shed Kings Dock, Swansea Docks, SWANSEA, West Glamorgan, SA1 1QR</p> <p>Operator Location: 150 Holborn, LONDON, Greater London, EC1N 2LR Authority: Environment Agency Wales, South West 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: Site dormant Dated: 1st January 2000 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: Amber List Wastes - Which May (Both) Be Categorised As Green List Wastes And Inert Materials (As In Post'98 E.A.Lics And Equivalent To 21.00.00) Maximum Waste Permitted By Licence Metal Waste/Scrap Metal (As In Post'98 E.A.Lics And Equivalent To 23.00.00) Special Waste (As In Epa 1990:S62 Of 1996 Regs)</p> <p>Prohibited Waste: Clinical Wastes Household/Commercial/Industrial Waste At > 80 C Liquid Wastes Material With Haz.Code H 1 - Explosive Material With Haz.Code H 2 - Oxidising Material With Haz.Code H 3a (I, li, lii, Iv) - Highly Flammable Material With Haz.Code H 3b - Flammable Material With Haz.Code H 9 - Infectious Other Waste/Waste Not Otherwise Specified Readily Degradable Household/Commercial/Industrial Waste Sludge Wastes Slurries Special Waste Pressurised Gases In Containers</p>	A13NE (N)	161	4	266895 192630
103	<p>Registered Waste Transfer Sites</p> <p>Licence Holder: Associated British Ports Holdings Plc Licence Reference: SWW 188L Site Location: G Shed Prince of Wales Dock, Prince of Wales Dock Road, Swansea Docks, SWANSEA, West Glamorgan, SA1 1QR</p> <p>Operator Location: 150 Holborn, LONDON, Greater London, EC1N 2LR Authority: Environment Agency Wales, South West 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: Site not yet started Dated: 21st March 2000 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: Amber List Wastes - Which May (Both) Be Categorised As Green List Wastes And Inert Materials (As In Post'98 E.A.Lics And Equivalent To 21.00.00) Maximum Waste Permitted By Licence Metal Waste/Scrap Metal (As In Post'98 E.A.Lics And Equivalent To 23.00.00) Special Waste (As In Epa 1990:S62 Of 1996 Regs)</p> <p>Prohibited Waste: Clinical Wastes Household/Commercial/Industrial Waste At > 80 C Liquid Wastes Material With Haz.Code H 1 - Explosive Material With Haz.Code H 2 - Oxidising Material With Haz.Code H 3a (I, li, lii, Iv) - Highly Flammable Material With Haz.Code H 3b - Flammable Material With Haz.Code H 9 - Infectious Other Waste/Waste Not Otherwise Specified Readily Degradable Household/Commercial/Industrial Waste Sludge Wastes Slurries Special Waste Pressurised Gases In Containers</p>	A13NW (N)	341	4	266800 192800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
104	<p>Registered Waste Treatment or Disposal Sites</p> <p>Licence Holder: Caerleon Group Ltd Licence Reference: L1/ 2A Site Location: Old Dunlop Latex Site, Kings Dock, SWANSEA, West Glamorgan, SA1 8QU Operator Location: Royal Buildings, 10 Princess Way, Swansea, West Glamorgan Authority: Environment Agency Wales, South West Area Site Category: Transfer - with treatment 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 Closed Dated: 30th March 1978 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: Max.Waste From Fees/Charges Oil/Water Mixtures Prohibited Waste: Highly Flam./Lpg Regs'72 Subs Percussive/Explosive/Similar Waste Special Wastes Sub'S Control. Radioactive Subs Act'60 Waste N.O.S.</p>	A13SW (SW)	68	4	266850 192410
105	<p>Registered Waste Treatment or Disposal Sites</p> <p>Licence Holder: Caerleon Group Ltd Licence Reference: L1/ 2 Site Location: Area A Cuba Buildings, Queens Dock, SWANSEA, West Glamorgan, SA1 9XX Operator Location: Royal Buildings, 10 Princess Way, Swansea, West Glamorgan Authority: Environment Agency Wales, South West Area Site Category: Transfer - with treatment Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Site Closed Dated: 1st May 1989 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Approximate location provided by supplier Boundary Quality: Not Supplied Authorised Waste: Controlled Wastes - Bagged/Containers Controlled Wastes - Bulk Waste Controlled Wastes - Liquids Controlled Wastes - Sludges Max.Waste From Fees/Charges</p>	A8NE (S)	582	4	267000 191900
105	<p>Registered Waste Treatment or Disposal Sites</p> <p>Licence Holder: Max Recovery Ltd Licence Reference: L1/ 2 Site Location: Cuba Press Site, Queens Dock, Swansea, West Glamorgan Operator Location: As Site Address Authority: Environment Agency Wales, South West Area Site Category: Transfer - with treatment Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Licence Status: Record supersededSuperseded Dated: 1st August 1984 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the road within the address or location Boundary Quality: Not Supplied Authorised Waste: Fats, Waxes And Greases Fuel Oil Kerosene And Derv. Max.Storage Of Liquids Max.Storage Of Non-Haz.Ind. Sludge Mineral Oils Oil Interceptor Pit Wastes Oil/Water Mixtures Tank Cleaning Sludge Vegetable And Other Oils</p>	A8NE (S)	631	4	267000 191850

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
106	<p>Explosive Sites</p> <p>Name: Associated British Ports Location: Harbour Offices, Lockhead, Kings Dock, SWANSEA, SA1 Status: Not Active Positional Accuracy: Manually positioned within the geographical locality</p>	A13SW (S)	233	7	266831 192243
107	<p>Notification of Installations Handling Hazardous Substances (NIHHS)</p> <p>Name: Spontex Limited Location: St Nicholas Quay, Maritime Quarters, SWANSEA, West Glamorgan, SA1 1UT Status: Record Ceased To Be Supplied Under NIHHS Regulations (1982) Positional Accuracy: Automatically positioned to postcode unit of the address</p>	A12NW (W)	783	7	266100 192500
108	<p>Planning Hazardous Substance Consents</p> <p>Name: Associated British Ports Location: Phoenix Wharf, Kings Dock, Swansea Authority: City and County of Swansea, Planning Department Application Ref: 2001/1644 Hazardous Substance: Ammonium nitrate based fertilisers which conform to the Fertilisers Regulations 1991(a) and composite fertilisers containing phosphate and/or potash (where nitrogen content is more than 28% by weight) Maximum Quantity: 0 Application date: 12th October 2001 Decision: Withdrawn Positional Accuracy: Located by supplier to within 10m</p>	A13SE (SE)	408	8	267134 192150
109	<p>Planning Hazardous Substance Consents</p> <p>Name: Spontex Ltd Location: St Nicholas Quay, Maritime Quarter, SWANSEA, West Glamorgan, SA1 1UG Authority: City and County of Swansea, Planning Department Application Ref: Haz (Sec 11)/4 Hazardous Substance: Part A, Toxic Substance, Carbon disulphide, where amount held is greater than or equal to 20 tonnes Maximum Quantity: 30 Application date: Not Supplied Decision: Application revoked or cancelledCancelled Positional Accuracy: Manually positioned to the address or location</p>	A12NW (W)	733	8	266150 192500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Upper Westphalian (including Pennant Measures)	A13NE (N)	0	2	266882 192470
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (N)	0	9	266882 192470
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (E)	119	9	267000 192470
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (N)	346	9	266983 192800
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SW (W)	347	9	266548 192376
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (N)	349	9	267000 192797
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12SE (W)	356	9	266528 192433

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NW (S)	421	9	266816 192054
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NE (S)	470	9	266882 192000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NW (S)	471	9	266864 192000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NW (S)	478	9	266795 192000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NE (S)	485	9	267000 192000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SW (N)	531	9	266871 193000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SE (N)	531	9	266882 193000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SE (N)	544	9	267000 193000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SE (W)	548	9	266352 192331
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SE (W)	551	9	266338 192383
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NW (SW)	553	9	266590 192000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SW (N)	572	9	266858 193040

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SW (N)	575	9	266801 193038
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SE (N)	589	9	267000 193046
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7NE (SW)	648	9	266436 192000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8NE (S)	672	9	267000 191809
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SW (NE)	712	9	267256 193075
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SW (NE)	716	9	267291 193056

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18NW (N)	720	9	266692 193164
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A17SW (NW)	850	9	266174 192940
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A17SW (NW)	850	9	266174 192940
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7SE (SW)	851	9	266508 191706
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NW (W)	882	9	266000 192470
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SW (W)	888	9	266000 192371

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A17SW (NW)	893	9	266164 193000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SE (NE)	909	9	267562 193072
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NW (W)	940	9	266000 192796
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SE (NE)	993	9	267720 193000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7NW (SW)	999	9	266000 192000
110	BGS Recorded Mineral Sites Site Name: Swansea Wharf Location: Langdon Road, Prince Of Wales Dock, Swansea, West Glamorgan, Sa1 8qy Source: British Geological Survey, National Geoscience Information Service Reference: 10870 Type: Wharf Status: Active Operator: Lafarge-Tarmac Operator Location: Lafarge-Tarmac, Portland House, Bickenhill Lane, Solihull, Birmingham, B37 7bq Periodic Type: Quaternary Geology: Marine Deposits Commodity: Marine Sand And Gravel Positional Accuracy: Located by supplier to within 10m	A18SE (N)	510	2	266950 192975

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
111	BGS Recorded Mineral Sites Site Name: Swansea Wharf Location: Langdon Road, Swansea, West Glamorgan, Sa1 8qy Source: British Geological Survey, National Geoscience Information Service Reference: 10868 Type: Wharf Status: Active Operator: Cemex Uk Materials Ltd Operator Location: Cemex Uk Materials Ltd, Cemex House, Coldharbour Lane, Thorpe, Egham, Surrey, Tw20 8td Periodic Type: Quaternary Geology: Marine Deposits Commodity: Marine Sand And Gravel Positional Accuracy: Located by supplier to within 10m	A18SW (N)	512	2	266845 192980
112	BGS Recorded Mineral Sites Site Name: Pilot House Gravel Pit Location: , Swansea, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 156475 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Quaternary Geology: Blown Sand Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A12NE (W)	529	2	266357 192535
113	BGS Recorded Mineral Sites Site Name: Prince Of Wales Dock Location: Langdon Road, Swansea, West Glamorgan, Sa1 8qy Source: British Geological Survey, National Geoscience Information Service Reference: 10867 Type: Wharf Status: Ceased Operator: British Dredging Aggregates Ltd Operator Location: British Dredging Aggregates Ltd, Avondale House, Avondale Road, Cardiff, South Glamorgan, Cf11 7xb Periodic Type: Quaternary Geology: Marine Deposits Commodity: Marine Sand And Gravel Positional Accuracy: Located by supplier to within 10m	A18SW (N)	531	2	266780 192990
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 266740, 192350 Soil Sample Type: Topsoil Sample Area: Swansea Arsenic Measured 103.00 mg/kg Concentration: Cadmium Measured 8.00 mg/kg Concentration: Chromium Measured 88.00 mg/kg Concentration: Lead Measured 374.00 mg/kg Concentration: Nickel Measured 36.00 mg/kg Concentration:	A13SW (SW)	186	2	266740 192350
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 266770, 192760 Soil Sample Type: Topsoil Sample Area: Swansea Arsenic Measured 85.00 mg/kg Concentration: Cadmium Measured 7.00 mg/kg Concentration: Chromium Measured 61.00 mg/kg Concentration: Lead Measured 1228.00 mg/kg Concentration: Nickel Measured 57.00 mg/kg Concentration:	A13NW (N)	312	2	266770 192760

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 267290, 192250 Soil Sample Type: Topsoil Sample Area: Swansea Arsenic Measured 44.00 mg/kg Concentration: Cadmium Measured 6.00 mg/kg Concentration: Chromium Measured 113.00 mg/kg Concentration: Lead Measured 997.00 mg/kg Concentration: Nickel Measured 85.00 mg/kg Concentration:	A14SW (SE)	464	2	267290 192250
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 267310, 192800 Soil Sample Type: Topsoil Sample Area: Swansea Arsenic Measured 80.00 mg/kg Concentration: Cadmium Measured 10.00 mg/kg Concentration: Chromium Measured 82.00 mg/kg Concentration: Lead Measured 807.00 mg/kg Concentration: Nickel Measured 76.00 mg/kg Concentration:	A14NW (NE)	542	2	267310 192800
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 266200, 192780 Soil Sample Type: Topsoil Sample Area: Swansea Arsenic Measured 49.00 mg/kg Concentration: Cadmium Measured 2.00 mg/kg Concentration: Chromium Measured 73.00 mg/kg Concentration: Lead Measured 1033.00 mg/kg Concentration: Nickel Measured 31.00 mg/kg Concentration:	A12NW (NW)	749	2	266200 192780
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 266750, 193280 Soil Sample Type: Topsoil Sample Area: Swansea Arsenic Measured 194.00 mg/kg Concentration: Cadmium Measured 3.00 mg/kg Concentration: Chromium Measured 67.00 mg/kg Concentration: Lead Measured 328.00 mg/kg Concentration: Nickel Measured 45.00 mg/kg Concentration:	A18NW (N)	821	2	266750 193280
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 267240, 193240 Soil Sample Type: Topsoil Sample Area: Swansea Arsenic Measured 115.00 mg/kg Concentration: Cadmium Measured 5.00 mg/kg Concentration: Chromium Measured 79.00 mg/kg Concentration: Lead Measured 1253.00 mg/kg Concentration: Nickel Measured 64.00 mg/kg Concentration:	A19NW (NE)	850	2	267240 193240

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 266270, 193240 Soil Sample Type: Topsoil Sample Area: Swansea Arsenic Measured Concentration: 65.00 mg/kg Cadmium Measured Concentration: 3.00 mg/kg Chromium Measured Concentration: 107.00 mg/kg Lead Measured Concentration: 582.00 mg/kg Nickel Measured Concentration: 53.00 mg/kg	A17NE (NW)	984	2	266270 193240
	BGS Urban Soil Chemistry Averages Source: British Geological Survey, National Geoscience Information Service Sample Area: Swansea Count Id: 370 Arsenic Minimum Concentration: 8.00 mg/kg Arsenic Average Concentration: 77.00 mg/kg Arsenic Maximum Concentration: 2062.00 mg/kg Cadmium Minimum Concentration: 0.50 mg/kg Cadmium Average Concentration: 3.10 mg/kg Cadmium Maximum Concentration: 61.00 mg/kg Chromium Minimum Concentration: 18.00 mg/kg Chromium Average Concentration: 81.00 mg/kg Chromium Maximum Concentration: 571.00 mg/kg Lead Minimum Concentration: 21.00 mg/kg Lead Average Concentration: 422.00 mg/kg Lead Maximum Concentration: 14328.00 mg/kg Nickel Minimum Concentration: 9.00 mg/kg Nickel Average Concentration: 46.00 mg/kg Nickel Maximum Concentration: 320.00 mg/kg	A13NE (N)	0	2	266882 192470
	Coal Mining Affected Areas Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A13NE (N)	0	10	266882 192470
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13NE (N)	0	-	266882 192470
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	2	266882 192470
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	2	266882 192470
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	57	2	266938 192476
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	2	266882 192470
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	2	266882 192470

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	148	2	266760 192554
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	188	2	266753 192606
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	2	266882 192470
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	57	2	266938 192476
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	2	266882 192470
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	57	2	266938 192476
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	2	266882 192470
	Radon Potential - Radon Affected Areas Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	2	266882 192470

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
114	Contemporary Trade Directory Entries Name: Associated British Ports Location: Lockhead, Kings Dock, Swansea, SA1 1QR Classification: Ports, Docks & Harbours Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (S)	232	-	266831 192243
114	Contemporary Trade Directory Entries Name: Royles Royce Materials Handling Location: Lockhead, Kings Dock, Swansea, SA1 1QR Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	232	-	266831 192243
114	Contemporary Trade Directory Entries Name: Associated British Ports Location: Lockhead, Kings Dock, Swansea, SA1 1QR Classification: Ports, Docks & Harbours Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	232	-	266831 192243
114	Contemporary Trade Directory Entries Name: Swansea Bay Port Health Authority Location: Lock Gates, Kings Dock, Swansea, SA1 8RU Classification: Ports, Docks & Harbours Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	237	-	266879 192233
115	Contemporary Trade Directory Entries Name: Swansea Harbour Boatmen Location: Kings Dock, Swansea, West Glamorgan, SA1 8RU Classification: Ports, Docks & Harbours Status: Active Positional Accuracy: Manually positioned within the geographical locality	A13NE (NE)	243	-	267052 192642
116	Contemporary Trade Directory Entries Name: George Prior Engineering (Swansea) Ltd Location: Prince Of Wales Dry Dock, Swansea, West Glamorgan, SA1 8RX Classification: Ports, Docks & Harbours Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A8NE (S)	383	-	266894 192087
117	Contemporary Trade Directory Entries Name: The Car Giant (Wales) Location: Apartment 121, South Quay, Kings Road, Swansea, SA1 8AL Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	393	-	266676 192804
118	Contemporary Trade Directory Entries Name: Artist Blacksmith Location: The Old Custom House, Pilot House Wharf, Swansea, SA1 1UN Classification: Blacksmiths & Forgemasters Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	483	-	266408 192558
119	Contemporary Trade Directory Entries Name: Alto Cleaning Location: Unit 14,J Shed,Kings Road, Swansea, West Glamorgan, SA1 8PL Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A17SE (NW)	539	-	266478 192826
120	Contemporary Trade Directory Entries Name: Java Concrete Services Ltd Location: Langdon Road, Swansea, West Glamorgan, SA1 8QY Classification: Concrete & Mortar Ready Mixed Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	554	-	266787 193015
121	Contemporary Trade Directory Entries Name: Blue Elephant Location: Unit 4 S A 1 Business Park, Langdon Road, Swansea, West Glamorgan, SA1 8DB Classification: Catering Equipment Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A18SE (N)	567	-	266914 193035

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
122	Contemporary Trade Directory Entries Name: Tenershire Marine (Wales) Ltd Location: Langdon Road, Swansea, SA1 8QY Classification: Pallets, Crates & Packing Cases Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	580	-	266970 193042
123	Contemporary Trade Directory Entries Name: Swansea Audi Ltd Location: Langdon Rd, Swansea, West Glamorgan, SA1 8QY Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18SE (NE)	596	-	267123 193014
123	Contemporary Trade Directory Entries Name: Greatone Ltd Location: Langdon Road, SWANSEA, SA1 8QY Classification: Road Haulage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18SE (NE)	611	-	267166 193010
124	Contemporary Trade Directory Entries Name: Hancock & Brown Timber Ltd Location: Langdon Road, Swansea, SA1 8QY Classification: Builders' Merchants Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (N)	602	-	267070 193041
124	Contemporary Trade Directory Entries Name: Stiens Haulage Ltd Location: South Wales Sand Wharf, Langdon Road, Swansea, SA1 8QY Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A18SE (N)	605	-	267104 193032
125	Contemporary Trade Directory Entries Name: Eurotechnic Ltd Location: Langdon Rd, Swansea, West Glamorgan, SA1 8QY Classification: Mechanical Handling Equipment Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18SE (NE)	634	-	267218 193006
125	Contemporary Trade Directory Entries Name: The Exclusive Body Centre Location: Langdon Road, Swansea, SA1 8QY Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	670	-	267266 193019
126	Contemporary Trade Directory Entries Name: Sure Fit Location: Unit 14, Sa1 Business Pk, Langdon Rd, Swansea, West Glamorgan, SA1 8QY Classification: Mot Testing Centres Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A18SW (NW)	652	-	266607 193060
127	Contemporary Trade Directory Entries Name: Trio 2000 Ltd Location: 54, St. Catherines Court, Maritime Quarter, Swansea, SA1 1SD Classification: Chemicals - Distributors & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address	A12NE (W)	669	-	266214 192485
128	Contemporary Trade Directory Entries Name: Towers Thompson & Co Location: Prince of Wales Dock, Swansea, West Glamorgan, SA1 8RQ Classification: Meat - Wholesale Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	678	-	267348 192962
128	Contemporary Trade Directory Entries Name: 3663 Location: Langdon Rd, Swansea, West Glamorgan, SA1 8QY Classification: Frozen Food Processors & Distributors Status: Active Positional Accuracy: Manually positioned within the geographical locality	A19SW (NE)	715	-	267349 193010
128	Contemporary Trade Directory Entries Name: Swansea Coach Works Ltd Location: Swansea Bus Museum, Fabian Way, Swansea, West Glamorgan, SA1 8QY Classification: Commercial Vehicle Bodybuilders & Repairers Status: Active Positional Accuracy: Manually positioned within the geographical locality	A19SW (NE)	715	-	267349 193010

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
128	Contemporary Trade Directory Entries Name: Sa1 Tints Location: Unit 3,Langdon Rd, Swansea, West Glamorgan, SA1 8QY Classification: Window Tinting Status: Active Positional Accuracy: Manually positioned within the geographical locality	A19SW (NE)	715	-	267349 193010
128	Contemporary Trade Directory Entries Name: Ackland Motors Location: Unit 3 Langdon Road, Swansea, West Glamorgan, SA1 8QY Classification: Car Dealers Status: Active Positional Accuracy: Manually positioned within the geographical locality	A19SW (NE)	715	-	267349 193010
128	Contemporary Trade Directory Entries Name: S R S Motors Location: Langdon Road, Swansea, SA1 8QY Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	715	-	267349 193010
128	Contemporary Trade Directory Entries Name: Tarmac Ltd Location: Langdon Rd, Swansea, West Glamorgan, SA1 8QY Classification: Sand, Gravel & Other Aggregates Status: Active Positional Accuracy: Manually positioned within the geographical locality	A19SW (NE)	715	-	267349 193010
129	Contemporary Trade Directory Entries Name: Vehicle & Operator Services Agency Location: Ellipse, Padley Road, Swansea, SA1 8AN Classification: Vehicle Inspection Services Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	681	-	266689 193122
129	Contemporary Trade Directory Entries Name: Magnaforce Ltd Location: Fabian Way, Port Tennant, Swansea, SA1 8JH Classification: Mechanical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	705	-	266660 193138
129	Contemporary Trade Directory Entries Name: Thames Motors Location: Fabian Way, Swansea, West Glamorgan, SA1 8LD Classification: Car Dealers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18NW (N)	725	-	266658 193159
130	Contemporary Trade Directory Entries Name: Swansea Office Cleaning Location: Swansea Marina,Lockside, Maritime Quarter, Swansea, West Glamorgan, SA1 1WG Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Manually positioned within the geographical locality	A12NE (W)	686	-	266217 192636
131	Contemporary Trade Directory Entries Name: M M A Location: Flat 1, J Shed, Kings Road, Swansea, West Glamorgan, SA1 8PL Classification: Cycle Accessories, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	692	-	266407 192973
131	Contemporary Trade Directory Entries Name: Alto Cleaning Solutions Location: Flat 14, J Shed, Kings Road, Swansea, SA1 8PL Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	692	-	266407 192973
131	Contemporary Trade Directory Entries Name: Tawe Marine Services Location: Prince Of Wales Dock,Langdon Road, Swansea, West Glamorgan, SA1 8RW Classification: Boatbuilders & Repairers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A17SE (NW)	738	-	266390 193019

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
132	Contemporary Trade Directory Entries Name: Paul Jones Location: Lockside, Maritime Quarter, Swansea, SA1 1WG Classification: Marine Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	695	-	266194 192567
133	Contemporary Trade Directory Entries Name: S A 1 Colour Press Ltd Location: Unit 16 S A 1 Business Park, Langdon Road, Swansea, West Glamorgan, SA1 8DB Classification: Copying & Duplicating Services Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A17SE (NW)	701	-	266518 193068
134	Contemporary Trade Directory Entries Name: Fabian Way Service Station Location: Fabian Way, Port Tennant, Swansea, West Glamorgan, SA1 8LD Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	715	-	267215 193102
134	Contemporary Trade Directory Entries Name: John Clegg Location: Fabian Way, Port Tennant, Swansea, West Glamorgan, SA1 8LD Classification: Car Dealers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A19SW (NE)	741	-	267224 193126
135	Contemporary Trade Directory Entries Name: Rowser Wales Location: Langdon Rd, Prince Of Wales Dock, Swansea, West Glamorgan, SA1 8QY Classification: Cleaning Materials & Equipment Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A17SE (NW)	715	-	266426 193020
135	Contemporary Trade Directory Entries Name: Superline Location: Unit E, S A 1 Business Park, Langdon Road, Swansea, SA1 8DB Classification: Precision Engineers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A17SE (NW)	729	-	266447 193055
136	Contemporary Trade Directory Entries Name: Shaddow Marine Ltd Location: Fishmarket Quay, Maritime Quarter, Swansea, West Glamorgan, SA1 1UP Classification: Marine Equipment & Supplies Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A12NW (W)	736	-	266152 192561
136	Contemporary Trade Directory Entries Name: Celtic Instrumentation Ltd Location: Unit 5A, Fishmarket Quay, Maritime Quarter, Swansea, West Glamorgan, SA1 1UP Classification: Boatbuilders & Repairers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	755	-	266131 192553
136	Contemporary Trade Directory Entries Name: Channel Marine Ltd Location: Unit 4a, Fishmarket Quay, Maritime Quarter, Swansea, SA1 1UP Classification: Chandlers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	755	-	266131 192553
136	Contemporary Trade Directory Entries Name: Swansea Marine Group Location: Unit 4, Fishmarket Quay, Maritime Quarter, Swansea, SA1 1UP Classification: Boatbuilders & Repairers Status: Active Positional Accuracy: Manually positioned to the address or location	A12NW (W)	756	-	266131 192553
136	Contemporary Trade Directory Entries Name: Cjm Design Associates Location: 2, Fishmarket Quay, Maritime Quarter, Swansea, SA1 1UP Classification: Computer Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	769	-	266117 192549

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
136	Contemporary Trade Directory Entries Name: Dickies Yacht Sales Location: Unit 1, Fishmarket Quay, Maritime Quarter, Swansea, West Glamorgan, SA1 1UP Classification: Hardware Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	779	-	266107 192546
137	Contemporary Trade Directory Entries Name: 3663 Location: Langdon Road, Swansea, SA1 8QY Classification: Frozen Food Processors & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	741	-	267426 192971
137	Contemporary Trade Directory Entries Name: 3663 First For Food Service Ltd Location: Langdon Road, Swansea, SA1 8QY Classification: Frozen Food Processors & Distributors Status: Active Positional Accuracy: Automatically positioned to the address	A19SW (NE)	741	-	267426 192971
137	Contemporary Trade Directory Entries Name: Stove Depot Location: Langdon Rd, Swansea, West Glamorgan, SA1 8QY Classification: Woodburning Stoves Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A19SW (NE)	776	-	267471 192974
138	Contemporary Trade Directory Entries Name: Marcroft Engineering Ltd Location: Port Tennant Works, Port Tennant, Swansea, West Glamorgan, SA1 8PS Classification: Engineers - General Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	757	-	266874 193226
138	Contemporary Trade Directory Entries Name: Leyland Paint Co Location: 98, Port Tennant Road, Port Tennant, Swansea, SA1 8JG Classification: Painting & Decorating Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	775	-	266903 193244
139	Contemporary Trade Directory Entries Name: J J'S Carpets & Upholstery Cleaners Location: 134, Port Tennant Road, Swansea, SA1 8JQ Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	767	-	266998 193227
140	Contemporary Trade Directory Entries Name: Oakwood Factors Location: 158, Port Tennant Road, Swansea, SA1 8JQ Classification: Coal Companies Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	769	-	267060 193217
140	Contemporary Trade Directory Entries Name: Allbright Location: 1, Danygraig Road, Port Tennant, Swansea, SA1 8LY Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	809	-	267071 193255
141	Contemporary Trade Directory Entries Name: Luminoso Living Location: 6, Cork House, Mannheim Quay, Maritime Quarter, Swansea, SA1 1RT Classification: Cleaning Services - Domestic Status: Active Positional Accuracy: Automatically positioned to the address	A12NW (W)	782	-	266152 192750
141	Contemporary Trade Directory Entries Name: Cambrian Boat Centre Ltd Location: 14, Cambrian Place, Swansea, SA1 1PQ Classification: Chandlers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (NW)	809	-	266141 192794

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
142	Contemporary Trade Directory Entries Name: East Side Printers Ltd Location: 219, Port Tennant Road, Port Tennant, Swansea, SA1 8JU Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A19SW (NE)	812	-	267354 193129
143	Contemporary Trade Directory Entries Name: C A B Location: 25, Kinley Street, St. Thomas, Swansea, SA1 8HE Classification: Cleaning Services - Domestic Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	854	-	266832 193321
144	Contemporary Trade Directory Entries Name: Osprey Carpet Cleaning Location: Flat 7, Burrows Chambers, East Burrows Road, Swansea, SA1 1RP Classification: Carpet, Curtain & Upholstery Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A17SW (NW)	863	-	266113 192862
145	Contemporary Trade Directory Entries Name: Mayday Cleaning Ltd Location: 7, Bay Street, Port Tennant, Swansea, SA1 8LB Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address	A19NW (NE)	875	-	267374 193192
146	Contemporary Trade Directory Entries Name: Bresnan Bros Ltd Location: The New Coalyard, Langdon Road, Swansea, SA1 8QY Classification: Coal & Smokeless Fuel Merchants & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SE (NE)	876	-	267612 192952
147	Contemporary Trade Directory Entries Name: P R Godfrey Location: 87, Ysgol Street, Port Tennant, Swansea, SA1 8LE Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	901	-	267509 193115
148	Contemporary Trade Directory Entries Name: Small Planet Technology Location: Technium, 2, Kings Road, Swansea, SA1 8PJ Classification: Telecommunications Equipment & Systems Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	904	-	266272 193136
148	Contemporary Trade Directory Entries Name: Robert Price B M Ltd Location: Prince of Wales Dock, Swansea, West Glamorgan, SA1 8RQ Classification: Builders' Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	912	-	266234 193110
149	Contemporary Trade Directory Entries Name: M D L Copiers Location: 34, Ferrara Square, Maritime Quarter, Swansea, SA1 1UZ Classification: Photocopiers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	913	-	265969 192488
150	Contemporary Trade Directory Entries Name: More Green Reuse Recycle Project Location: Old Exchange, Pier Street, Swansea, West Glamorgan, SA1 1RY Classification: Reclaiming - Waste Products Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	922	-	266047 192860
151	Contemporary Trade Directory Entries Name: Direct Car Sales Location: 25, Delhi Street, St. Thomas, Swansea, SA1 8BT Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	937	-	266459 193306
152	Contemporary Trade Directory Entries Name: Simpsons Supermarket Services Ltd Location: Quay Parade, Swansea, SA1 8JA Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	942	-	266122 193025

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
153	Contemporary Trade Directory Entries Name: Ascender Cleaning Services Location: 23, Balaclava Street, St. Thomas, Swansea, SA1 8BS Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	997	-	266462 193374
154	Fuel Station Entries Name: Fabian Way Service Station Location: Fabian Way, Port Tennant,, SWANSEA, West Glamorgan, SA1 8PQ Brand: Q8 Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A18SE (NE)	711	-	267215 193097
155	Fuel Station Entries Name: Burrows Service Station Location: Fabian Way, Port Tennant, Swansea, SA1 8PA Brand: Unbranded Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A19SE (NE)	972	-	267662 193049

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Neath Port Talbot County Borough Council - Environmental Health Department City and County of Swansea - Environmental Health Department	April 2013 May 2013	Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - Welsh Region Natural Resources Wales	August 2014 November 2014	Quarterly Quarterly
Enforcement and Prohibition Notices Environment Agency - Welsh Region	March 2013	As notified
Integrated Pollution Controls Environment Agency - Welsh Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - Welsh Region Natural Resources Wales	November 2014 November 2014	Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Swansea Bay Port Health Authority Neath Port Talbot County Borough Council - Environmental Health Department City and County of Swansea - Environmental Health Department	April 2014 August 2012 June 2014	Annually Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Controls Swansea Bay Port Health Authority City and County of Swansea - Environmental Health Department Neath Port Talbot County Borough Council - Environmental Health Department	April 2014 June 2014 March 2014	Annually Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Swansea Bay Port Health Authority City and County of Swansea - Environmental Health Department Neath Port Talbot County Borough Council - Environmental Health Department	April 2014 June 2014 March 2014	Annually Annual Rolling Update Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	July 2012	Quarterly
Pollution Incidents to Controlled Waters Environment Agency - Welsh Region	December 1998	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - Welsh Region Natural Resources Wales	March 2013 March 2013	As notified As notified
Prosecutions Relating to Controlled Waters Environment Agency - Welsh Region Natural Resources Wales	March 2013 March 2013	As notified As notified
Registered Radioactive Substances Environment Agency - Welsh Region Natural Resources Wales	November 2014 November 2014	Quarterly Quarterly
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency Wales - South West Area Natural Resources Wales	November 2014 November 2014	Quarterly Quarterly
Water Abstractions Environment Agency - Welsh Region Natural Resources Wales	July 2014 October 2014	Quarterly Quarterly

Agency & Hydrological	Version	Update Cycle
Water Industry Act Referrals Environment Agency - Welsh Region Natural Resources Wales	November 2014 November 2014	Quarterly Quarterly
Groundwater Vulnerability Environment Agency - Head Office	January 2011	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	October 2012	Annually
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	October 2012	Annually
Source Protection Zones Environment Agency - Head Office Natural Resources Wales	August 2014 August 2014	Quarterly Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office Natural Resources Wales	August 2014 May 2014	Quarterly Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office Natural Resources Wales	August 2014 May 2014	Quarterly Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	August 2014	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	August 2014	Quarterly
Flood Defences Environment Agency - Head Office	August 2014	Quarterly
Detailed River Network Lines Environment Agency - Head Office	March 2012	Annually
Detailed River Network Offline Drainage Environment Agency - Head Office	March 2012	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency Wales - South West Area Natural Resources Wales	August 2014 May 2014	Quarterly Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Welsh Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency Wales - South West Area	August 2014	Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency Wales - South West Area Natural Resources Wales	November 2014 November 2014	Quarterly Quarterly
Local Authority Landfill Coverage City and County of Swansea - Environmental Health Department Neath Port Talbot County Borough Council - Environmental Health Department	May 2000 May 2000	Not Applicable Not Applicable
Local Authority Recorded Landfill Sites City and County of Swansea - Environmental Health Department Neath Port Talbot County Borough Council - Environmental Health Department	May 2000 September 2003	Not Applicable Not Applicable
Registered Landfill Sites Environment Agency Wales - South West Area	March 2003	Not Applicable
Registered Waste Transfer Sites Environment Agency Wales - South West Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency Wales - South West Area	March 2003	Not Applicable
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	August 2014	Bi-Annually
Explosive Sites Health and Safety Executive	October 2014	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Neath Port Talbot County Borough Council - Planning Department City and County of Swansea - Planning Department	August 2013 September 2013	Annual Rolling Update Annual Rolling Update
Planning Hazardous Substance Consents Neath Port Talbot County Borough Council - Planning Department City and County of Swansea - Planning Department	August 2013 September 2013	Annual Rolling Update Annual Rolling Update

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	August 1996	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	January 2010	Annually
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	October 2014	Bi-Annually
BGS Urban Soil Chemistry British Geological Survey - National Geoscience Information Service	June 2011	Annually
BGS Urban Soil Chemistry Averages British Geological Survey - National Geoscience Information Service	June 2011	Annually
Coal Mining Affected Areas The Coal Authority - Mining Report Service	December 2013	As notified
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	July 2014	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2014	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2014	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	June 2014	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2014	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2014	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2014	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	November 2014	Quarterly
Fuel Station Entries Catalist Ltd - Experian	November 2014	Quarterly

Sensitive Land Use	Version	Update Cycle
Areas of Outstanding Natural Beauty Natural Resources Wales	October 2014	Bi-Annually
Environmentally Sensitive Areas The National Assembly for Wales - GI Services (Department of Planning & Countryside)	August 2008	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves City and County of Swansea Neath Port Talbot County Borough Council	October 2014 October 2014	Bi-Annually Bi-Annually
Marine Nature Reserves Natural Resources Wales	September 2014	Bi-Annually
National Nature Reserves Natural Resources Wales	October 2014	Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2012	Not Applicable
Nitrate Vulnerable Zones The National Assembly for Wales - GI Services (Department of Planning & Countryside)	October 2005	Annually
Ramsar Sites Natural Resources Wales	October 2014	Bi-Annually
Sites of Special Scientific Interest Natural Resources Wales	March 2014	Bi-Annually
Special Areas of Conservation Natural Resources Wales	March 2014	Bi-Annually
Special Protection Areas Natural Resources Wales	March 2014	Bi-Annually

A selection of organisations who provide data within this report

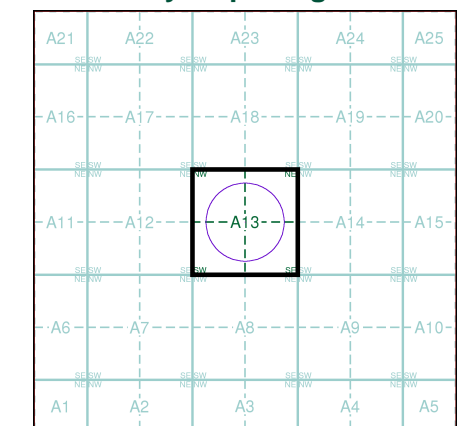
Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 <p>British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL</p>
Centre for Ecology and Hydrology	 <p>Centre for Ecology & Hydrology NATURAL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

Contact	Name and Address	Contact Details
2	British Geological Survey - Enquiry Service British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
3	Natural Resources Wales Ty Cambria, 29 Newport Road, Cardiff, CF24 0TP	Telephone: 0300 065 3000 Email: enquiries@naturalresourceswales.gov.uk
4	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
5	Swansea Bay Port Health Authority Kings Dock Lock, Swansea, SA1 8RU	Telephone: 01792 653523 Fax: 01792 641718 Email: swansea-bay@cieh.org.uk
6	City and County of Swansea - Environmental Health Department The Guildhall, Swansea, West Glamorgan, SA1 4PE	Telephone: 01792 636000 extn 5651 Fax: 01792 635719
7	Health and Safety Executive 5S.2 Redgrave Court, Merton Road, Bootle, L20 7HS	Website: www.hse.gov.uk
8	City and County of Swansea - Planning Department The Guildhall, Swansea, West Glamorgan, SA1 4PE	Telephone: 01792 636000 Fax: 01792 635709
9	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmark.co.uk Website: www.landmarkinfo.co.uk
10	The Coal Authority - Mining Report Service 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0845 7626848 Email: thecoalauthority@coal.gov.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

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

Site Sensitivity Map - Segment A13

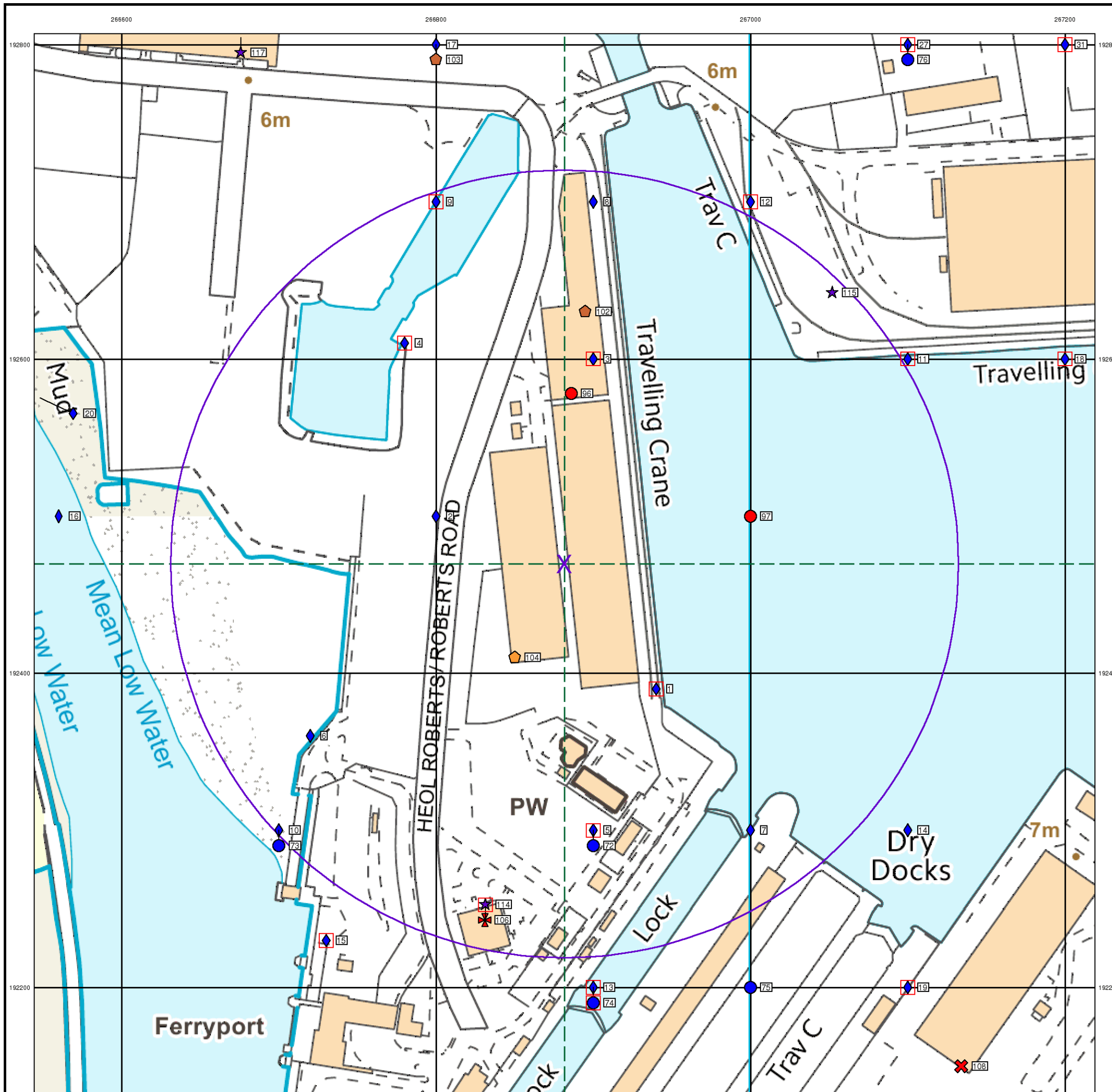


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 Site Area (Ha): 0.01

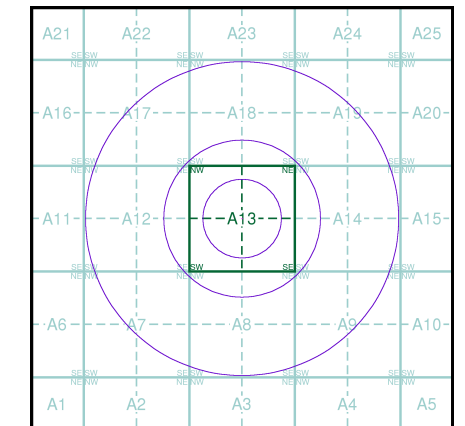
Site Details

Kings Dock, Swansea, SA1 8RU



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

Site Sensitivity Map - Slice A

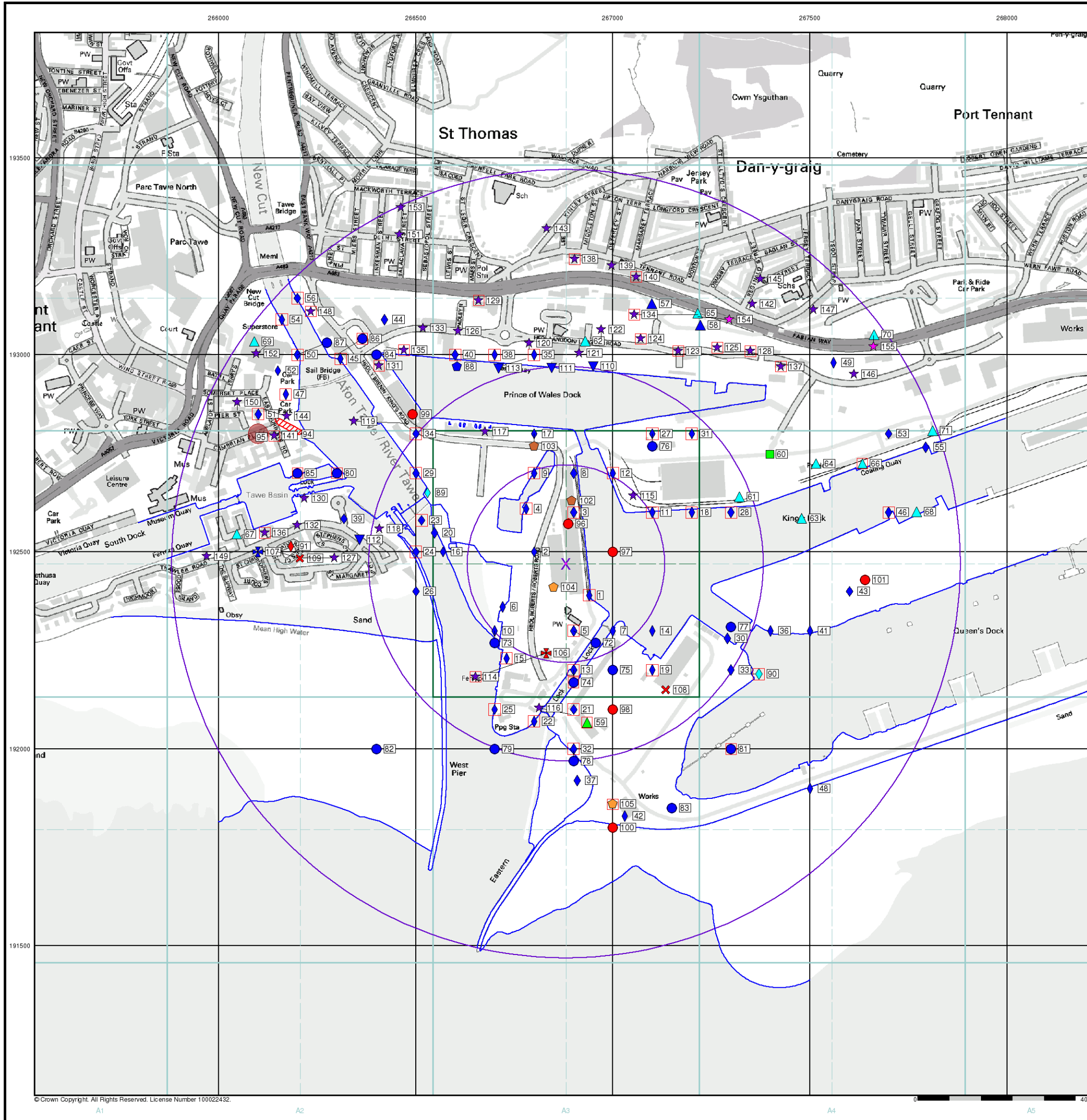


Order Details

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 Customer Ref: 1422
 National Grid Reference: 266880, 192470
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 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Kings Dock, Swansea, SA1 8RU



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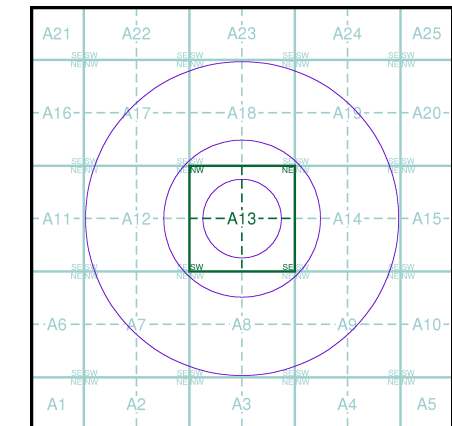
General

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

Agency and Hydrological (Flood)

- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- Flood Defence

Flood Map - Slice A



Order Details

Order Number: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Kings Dock, Swansea, SA1 8RU



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General

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

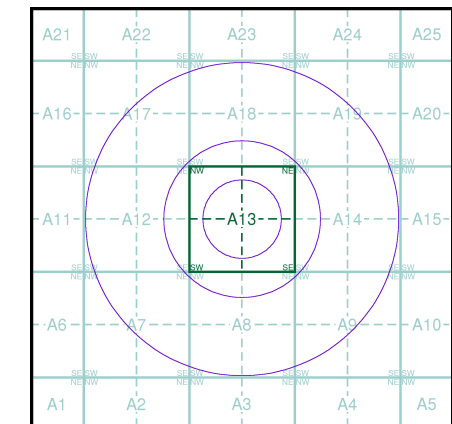
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice A



Order Details

Order Number: 62880715_1_1
 Customer Ref: 1422
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 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Kings Dock, Swansea, SA1 8RU



General

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

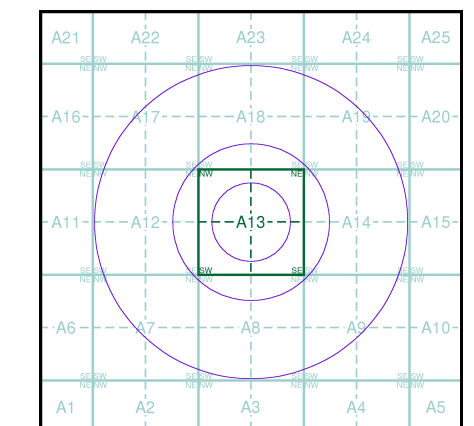
Detailed River Network Data

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

Contours (height in metres)

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

EANRW Detailed River Network Map - Slice A

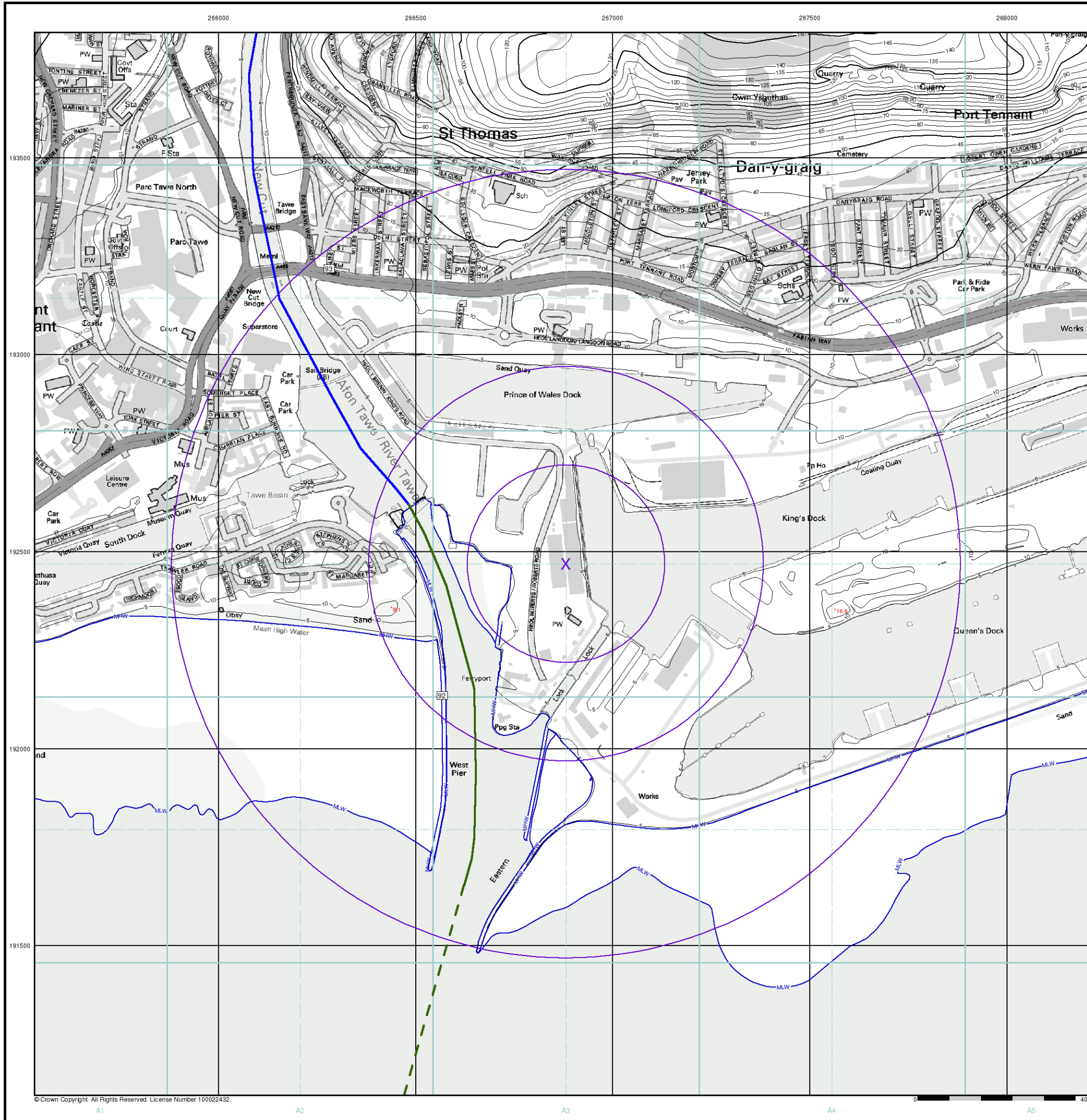


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Site Details

Kings Dock, Swansea, SA1 8RU



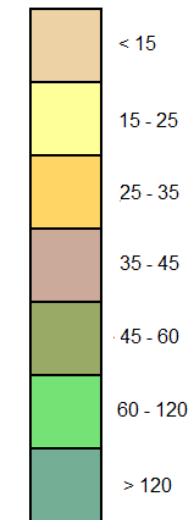
General

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

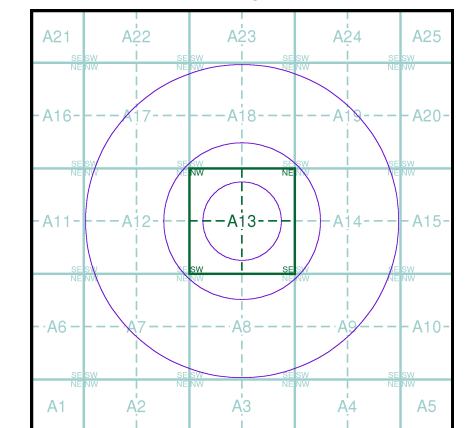
Urban Soil Chemistry Arsenic

- BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)

Arsenic Concentrations mg/kg



Urban Soil Chemistry Arsenic - Slice A

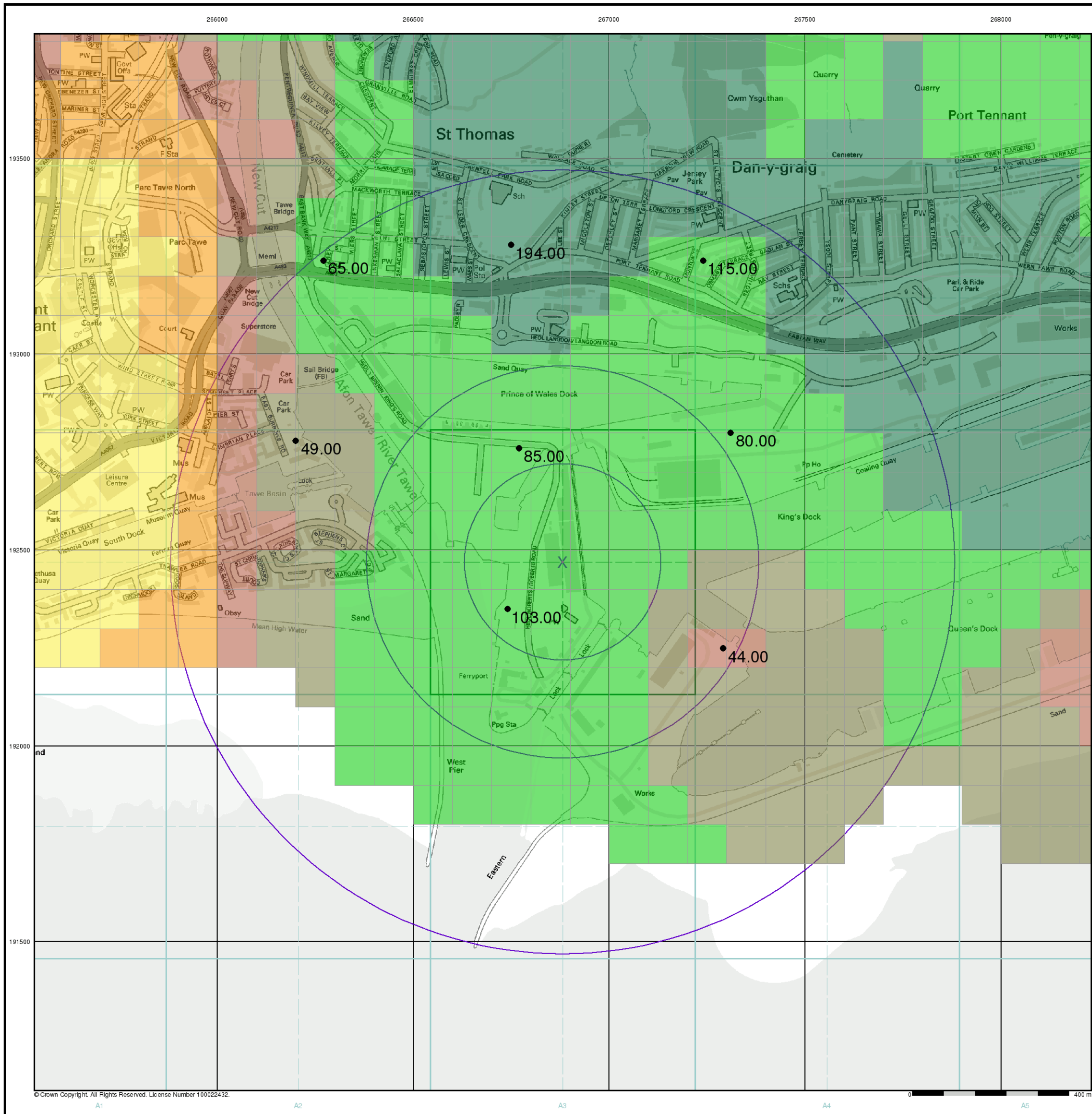


Order Details

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Site Details

Kings Dock, Swansea, SA1 8RU

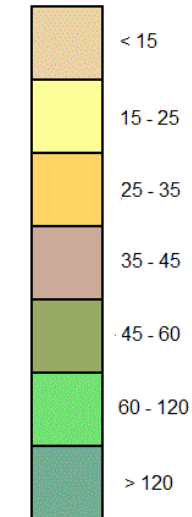


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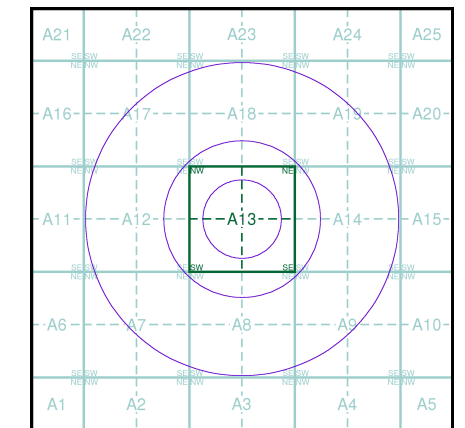
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A

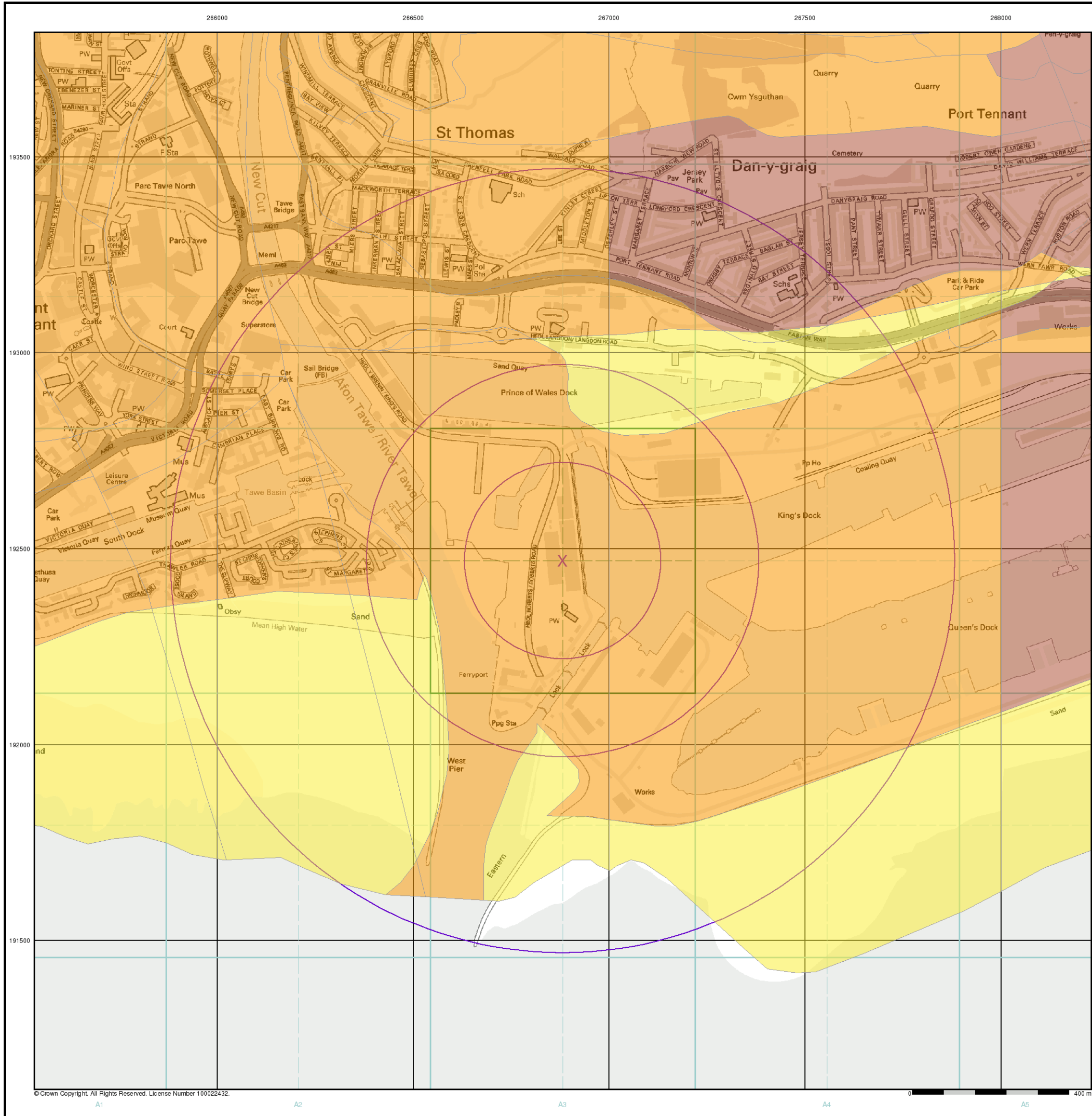


Order Details

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 Slice: A
 Site Area (Ha): 0.01
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Site Details

Kings Dock, Swansea, SA1 8RU



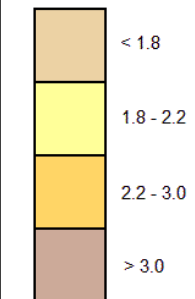
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- Specified Site
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- ✕ Bearing Reference Point

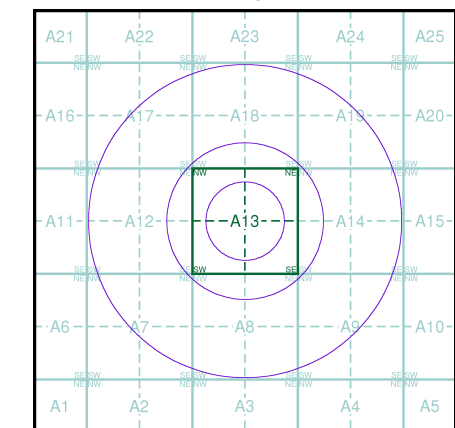
Urban Soil Chemistry Cadmium

● BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)

Cadmium Concentrations mg/kg



Urban Soil Chemistry Cadmium - Slice A

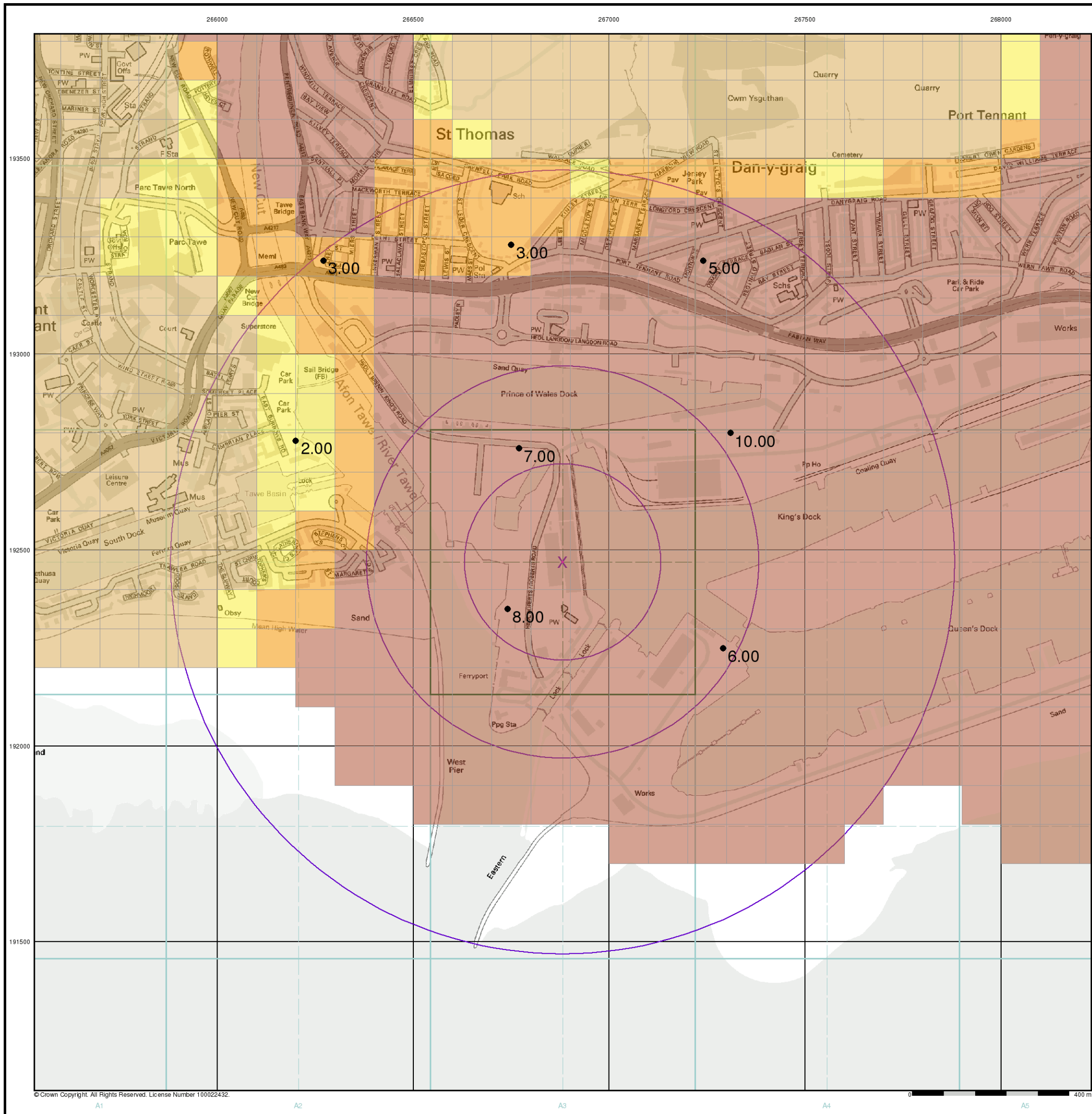


Order Details

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 Slice: A
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Site Details

Kings Dock, Swansea, SA1 8RU



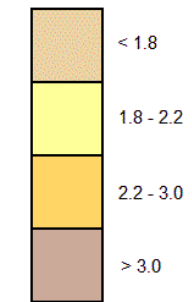
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General

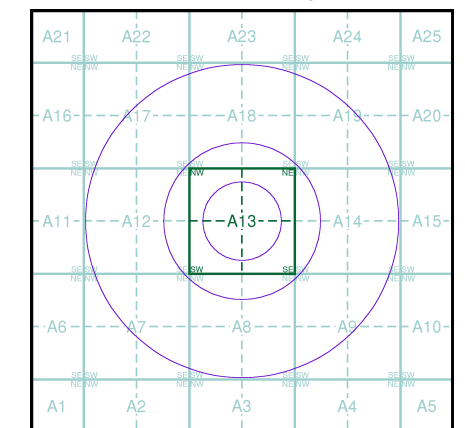
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- Specified Buffer(s)
- x Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A

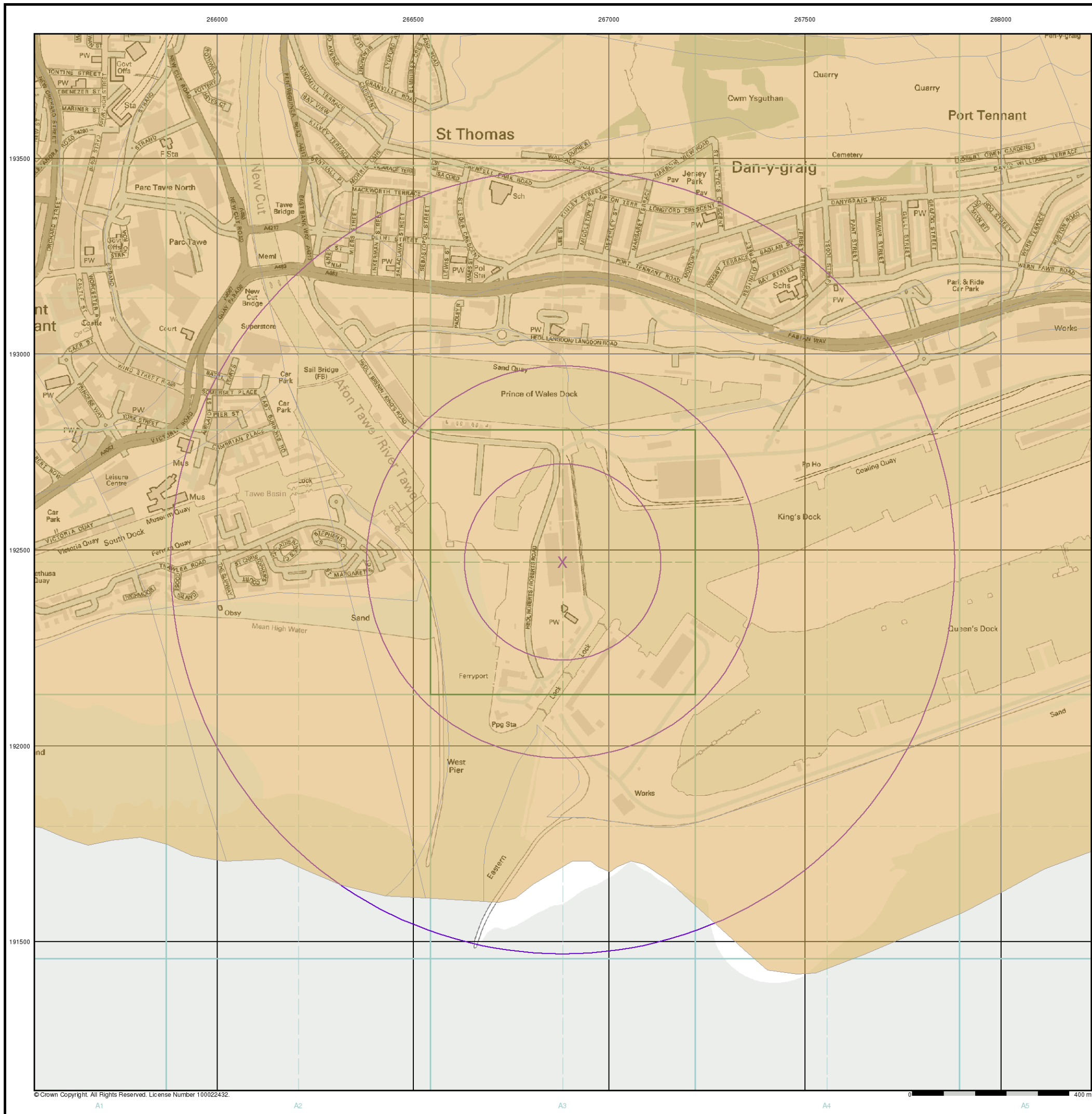


Order Details

Order Details: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
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Site Details

Kings Dock, Swansea, SA1 8RU



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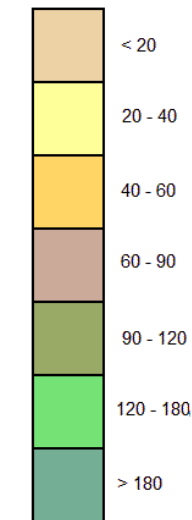
General

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- Specified Buffer(s)
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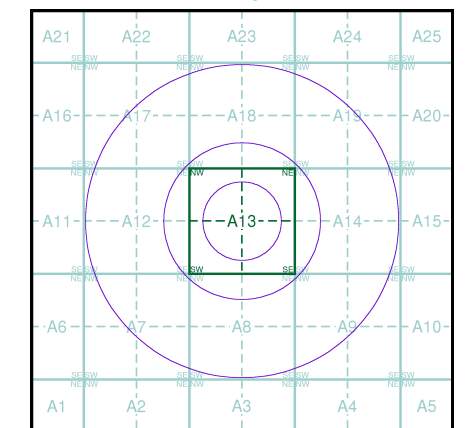
Urban Soil Chemistry Chromium

● BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)

Chromium Concentrations mg/kg



Urban Soil Chemistry Chromium - Slice A

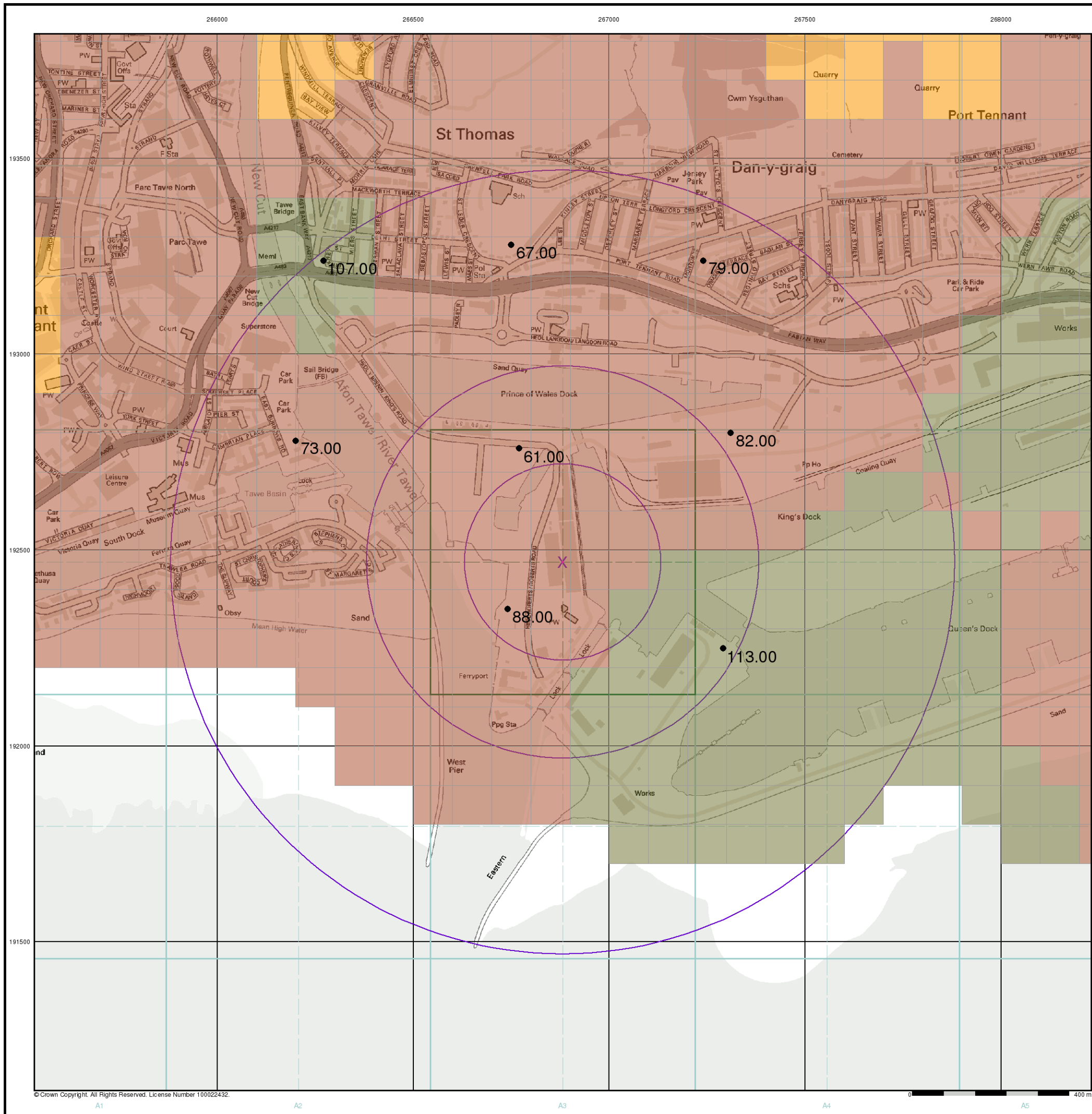


Order Details

Order Details: 62880715_1_1
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Site Details

Kings Dock, Swansea, SA1 8RU



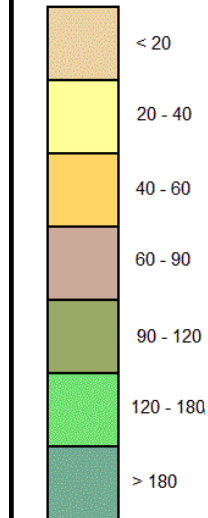
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General

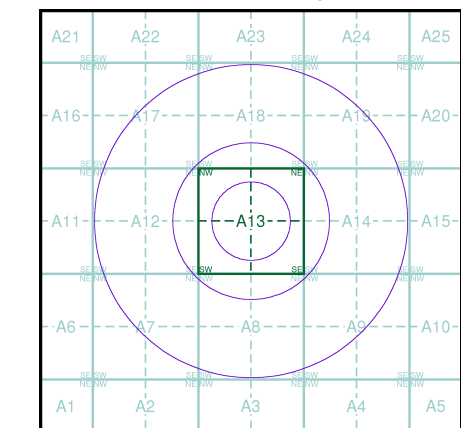
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- Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A

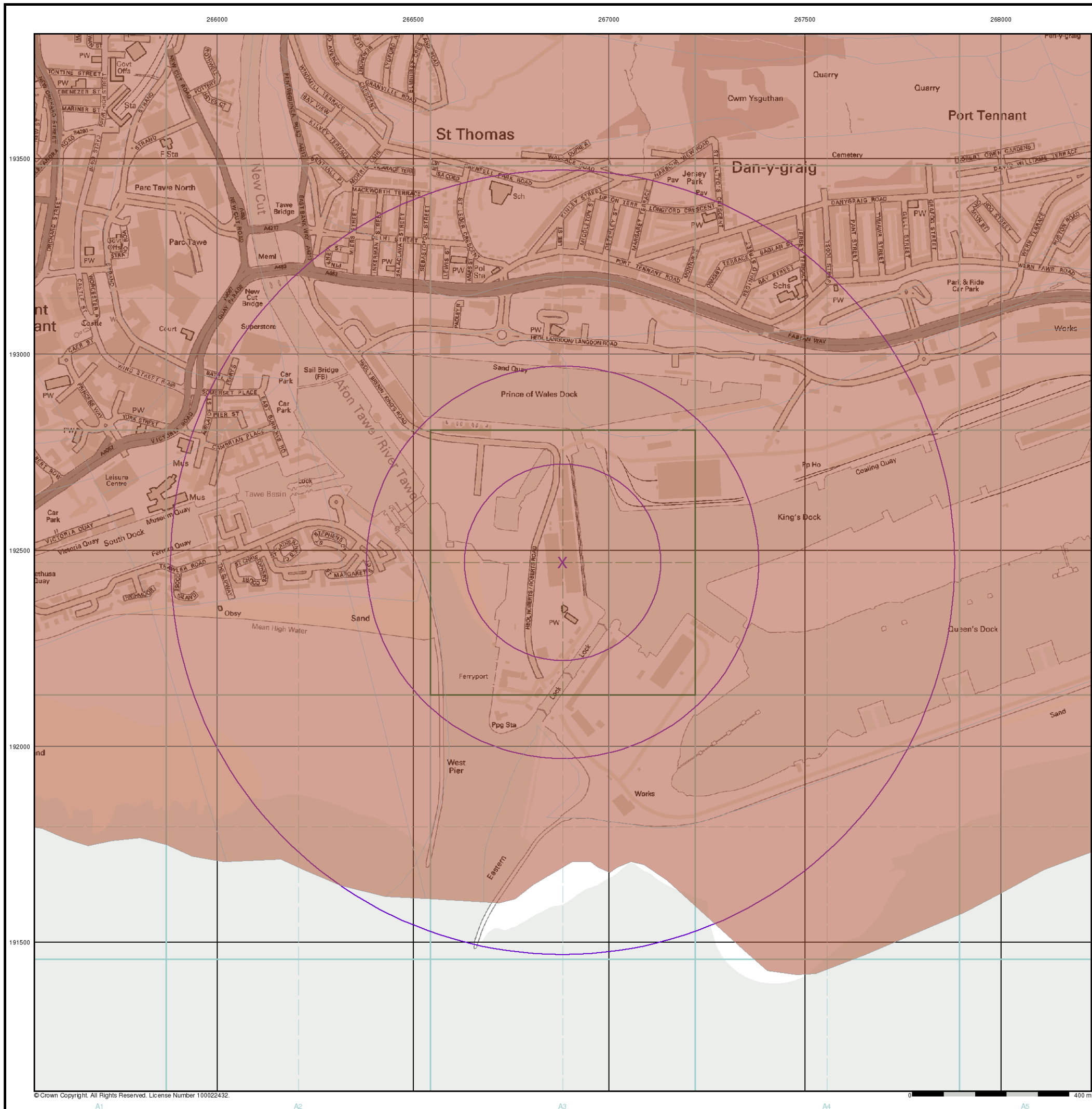


Order Details

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 Customer Ref: 1422
 National Grid Reference: 266880, 192470
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 Site Area (Ha): 0.01
 Search buffer (m): 1000

Site Details

Kings Dock, Swansea, SA1 8RU



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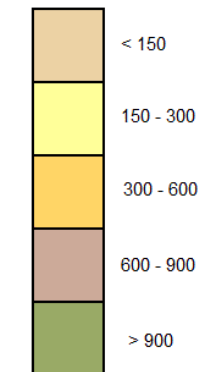
General

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

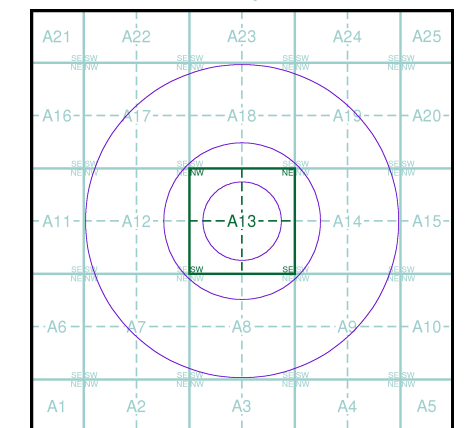
Urban Soil Chemistry Lead

● BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)

Lead Concentrations mg/kg



Urban Soil Chemistry Lead - Slice A

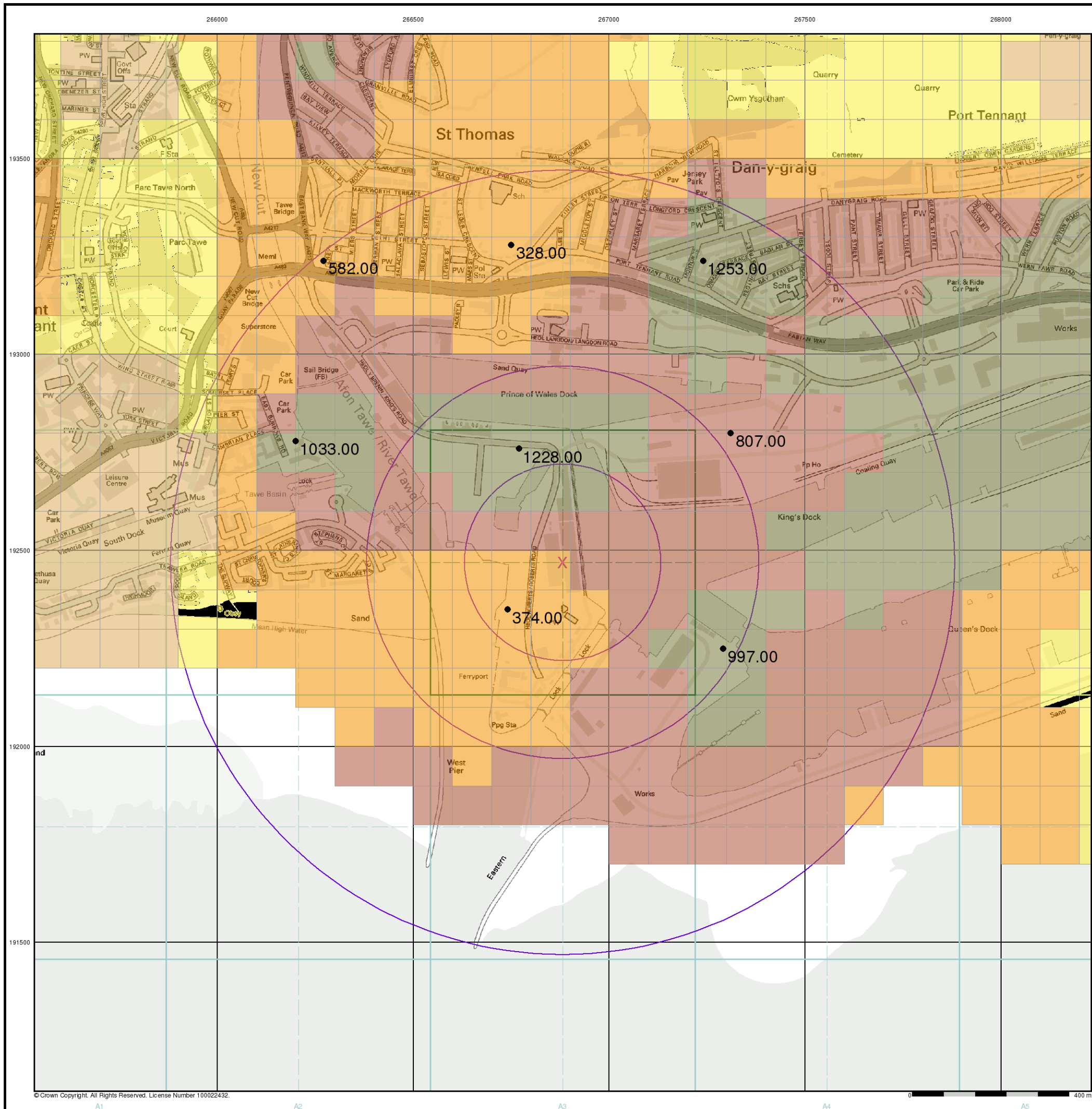


Order Details

Order Details: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search buffer (m): 1000

Site Details

Kings Dock, Swansea, SA1 8RU

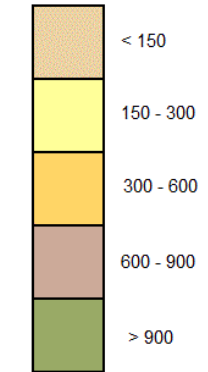


General

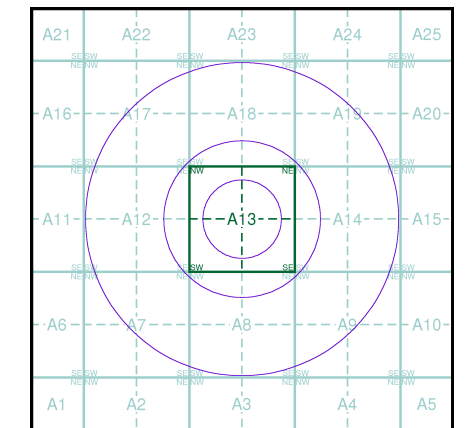
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A

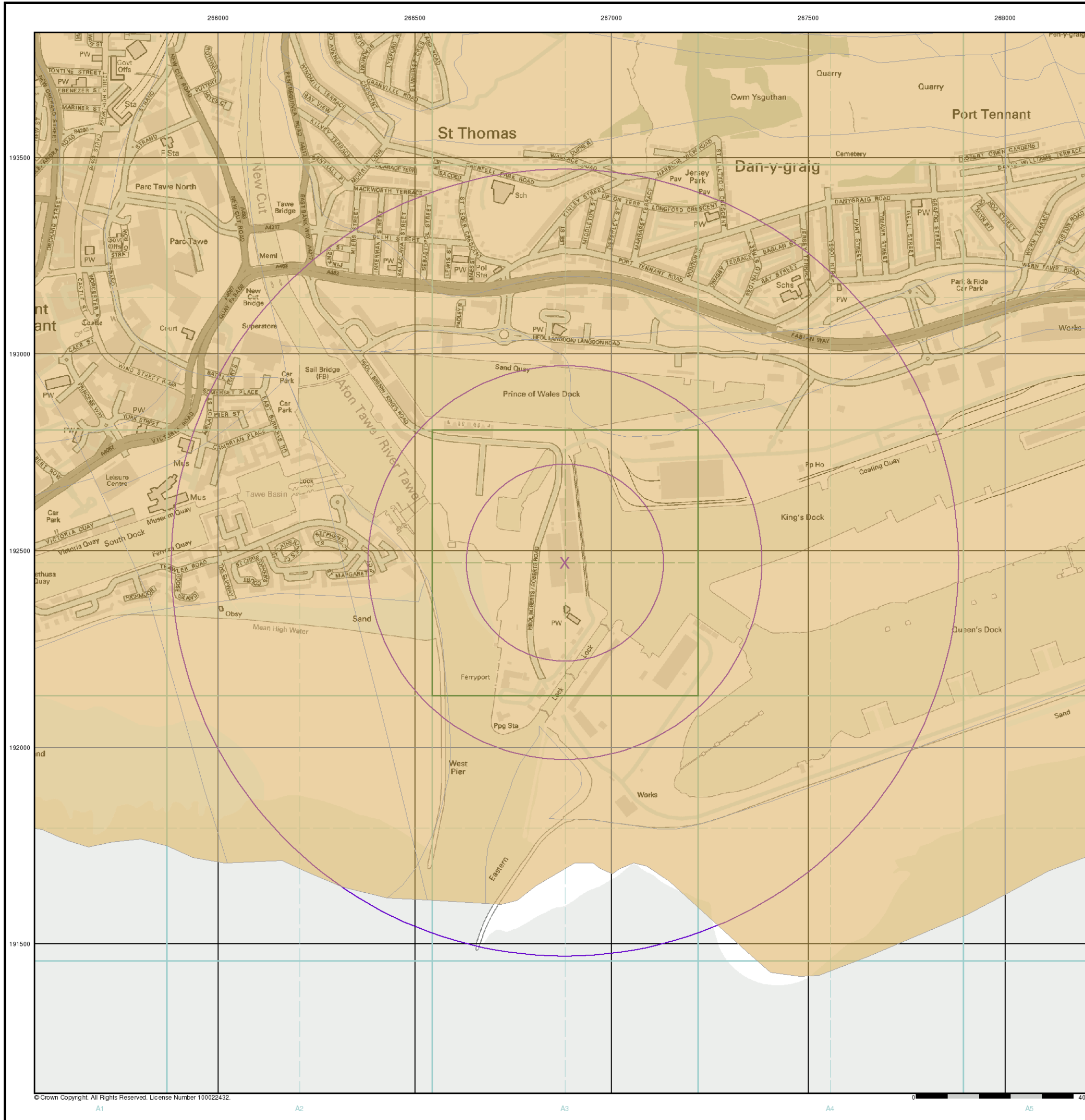


Order Details

Order Details: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search buffer (m): 1000

Site Details

Kings Dock, Swansea, SA1 8RU



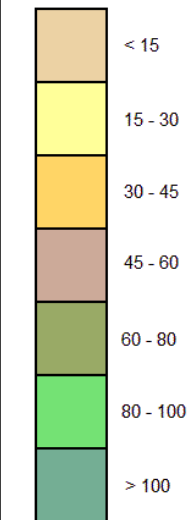
General

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

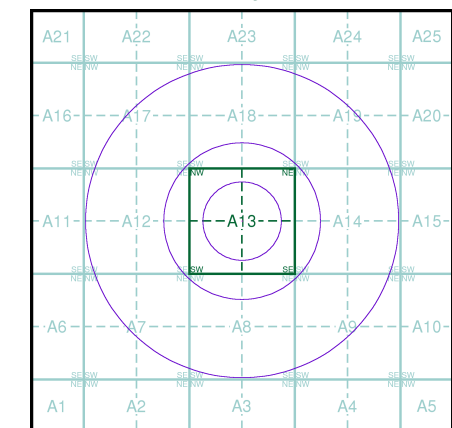
Urban Soil Chemistry Nickel

● BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)

Nickel Concentrations mg/kg



Urban Soil Chemistry Nickel - Slice A

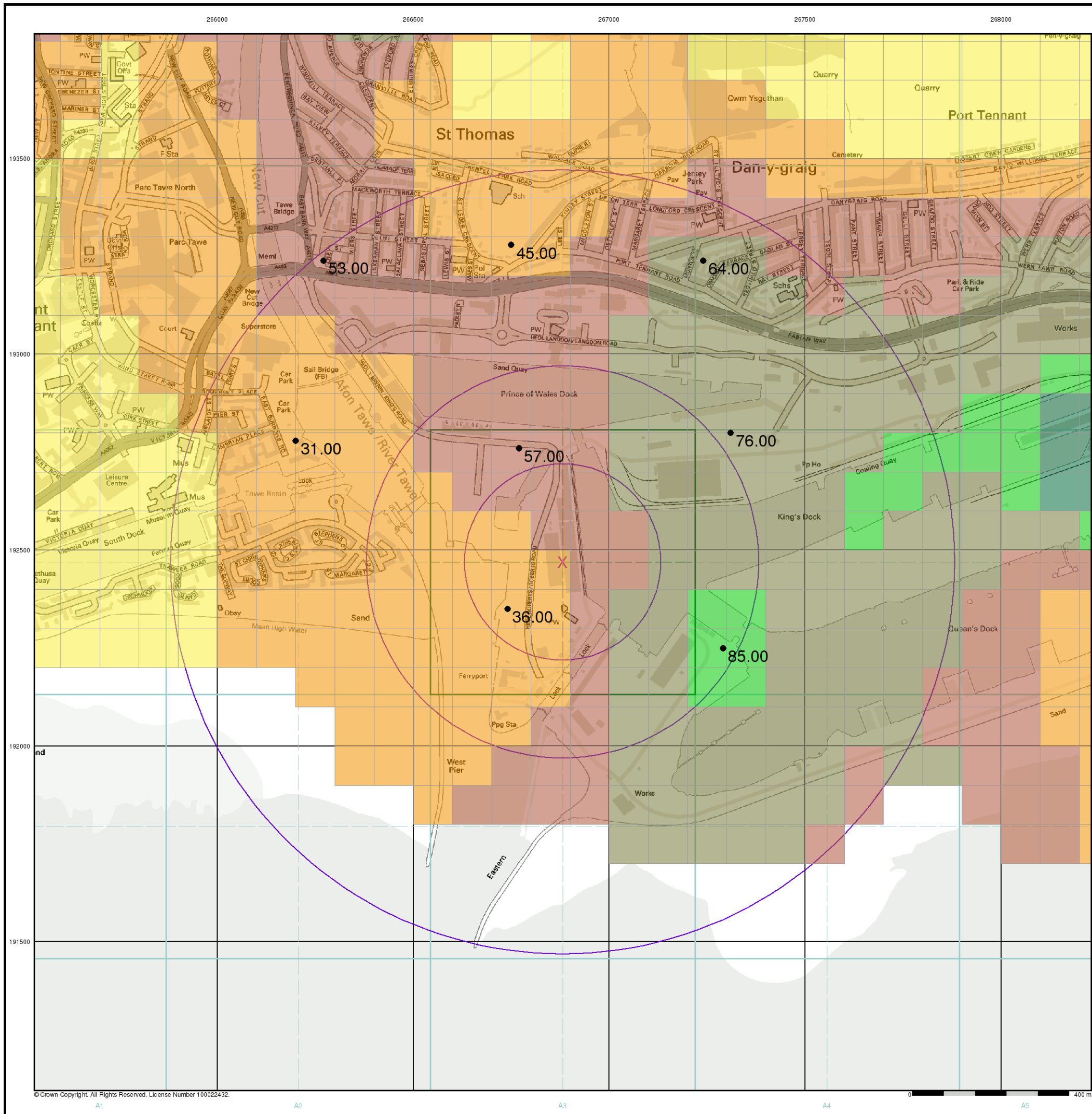


Order Details

Order Details: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search buffer (m): 1000

Site Details

Kings Dock, Swansea, SA1 8RU



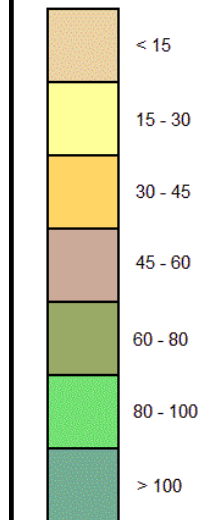
© Crown Copyright. All Rights Reserved. License Number 100022432.

General

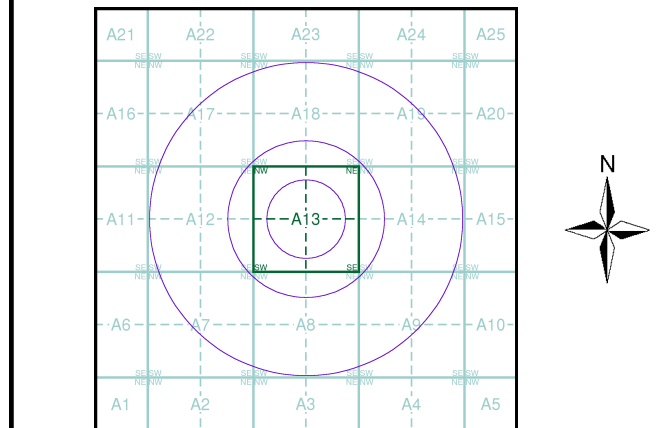
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A

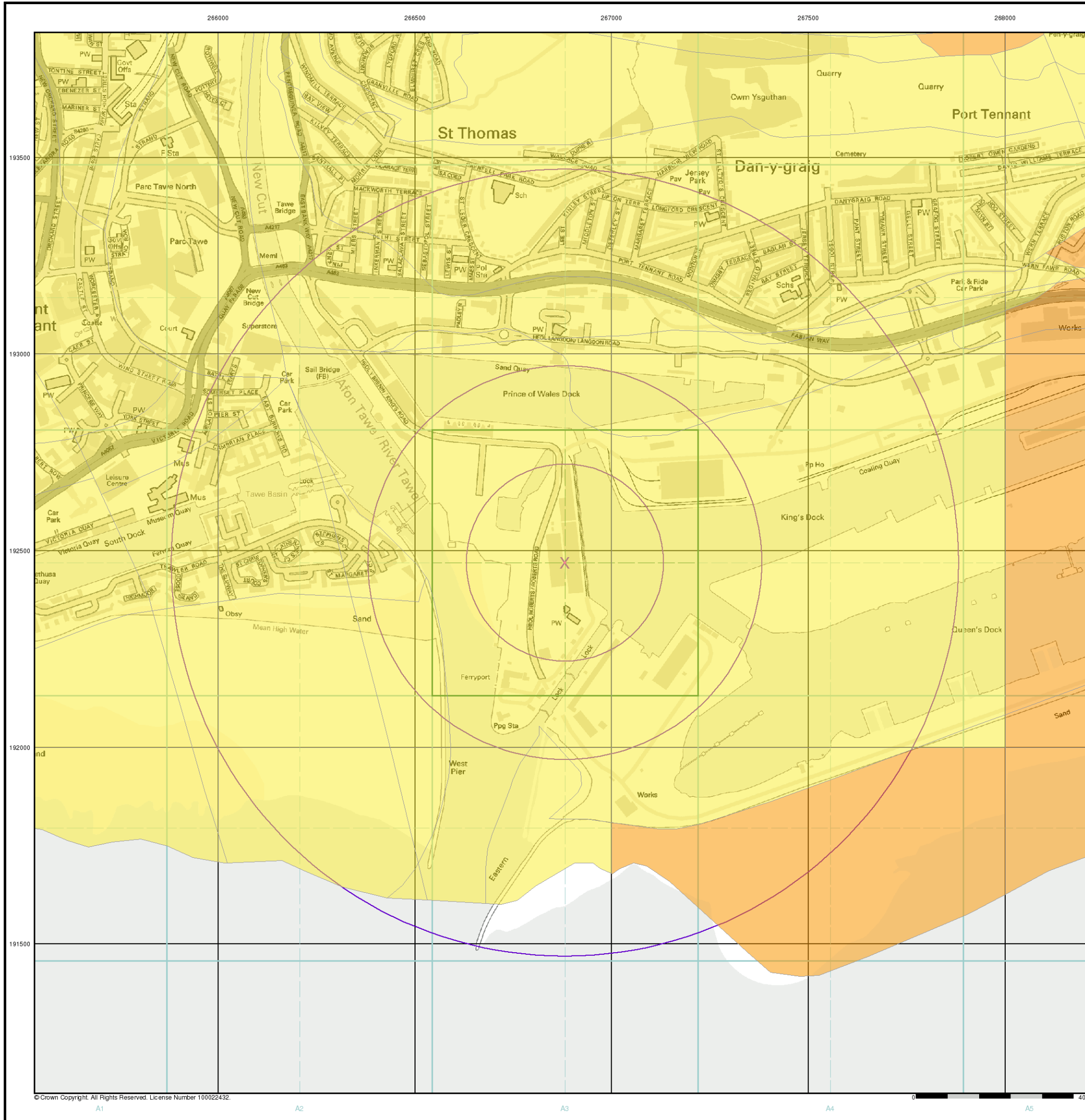


Order Details

Order Details: 62880715_1_1
 Customer Ref: 1422
 National Grid Reference: 266880, 192470
 Slice: A
 Site Area (Ha): 0.01
 Search buffer (m): 1000

Site Details

Kings Dock, Swansea, SA1 8RU



REPORT 2

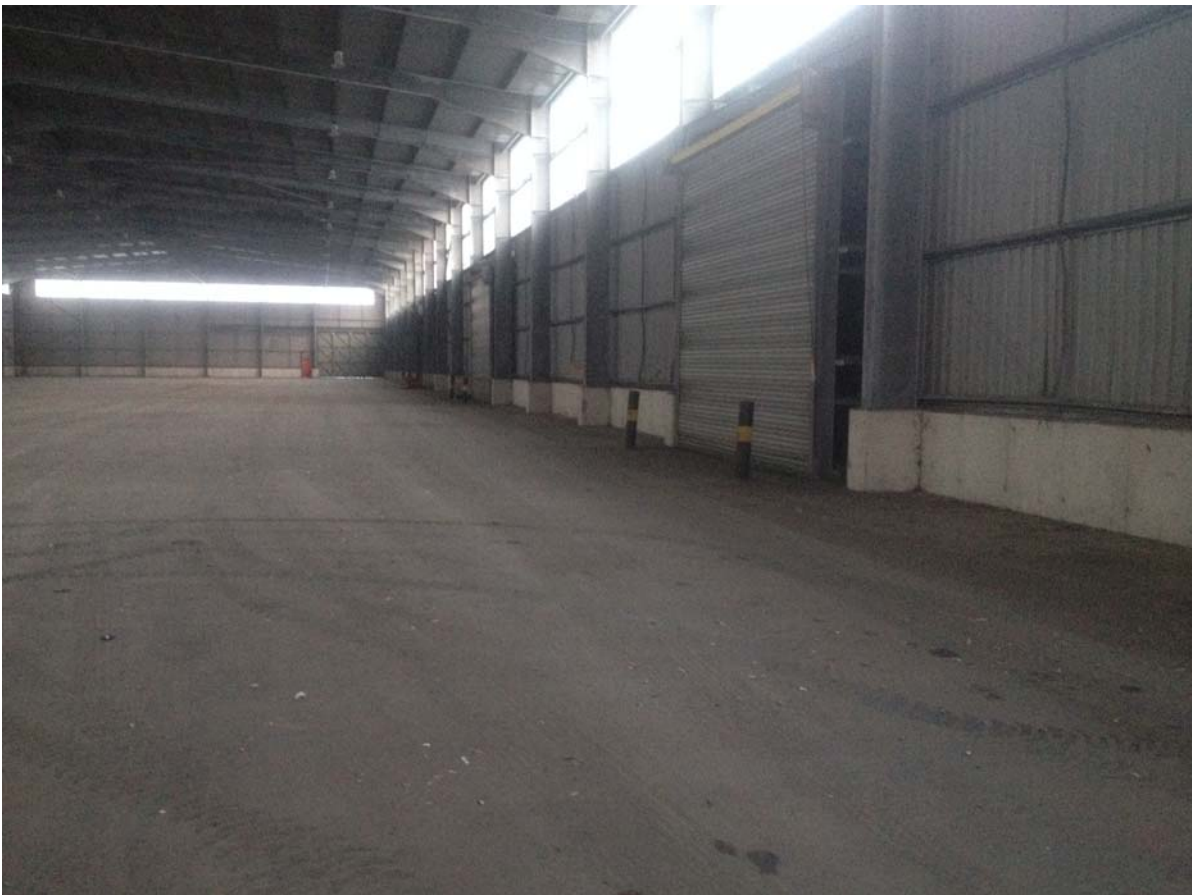
BESPOKE ENVIRONMENTAL PERMIT APPLICATION SITE CONDITION REPORT

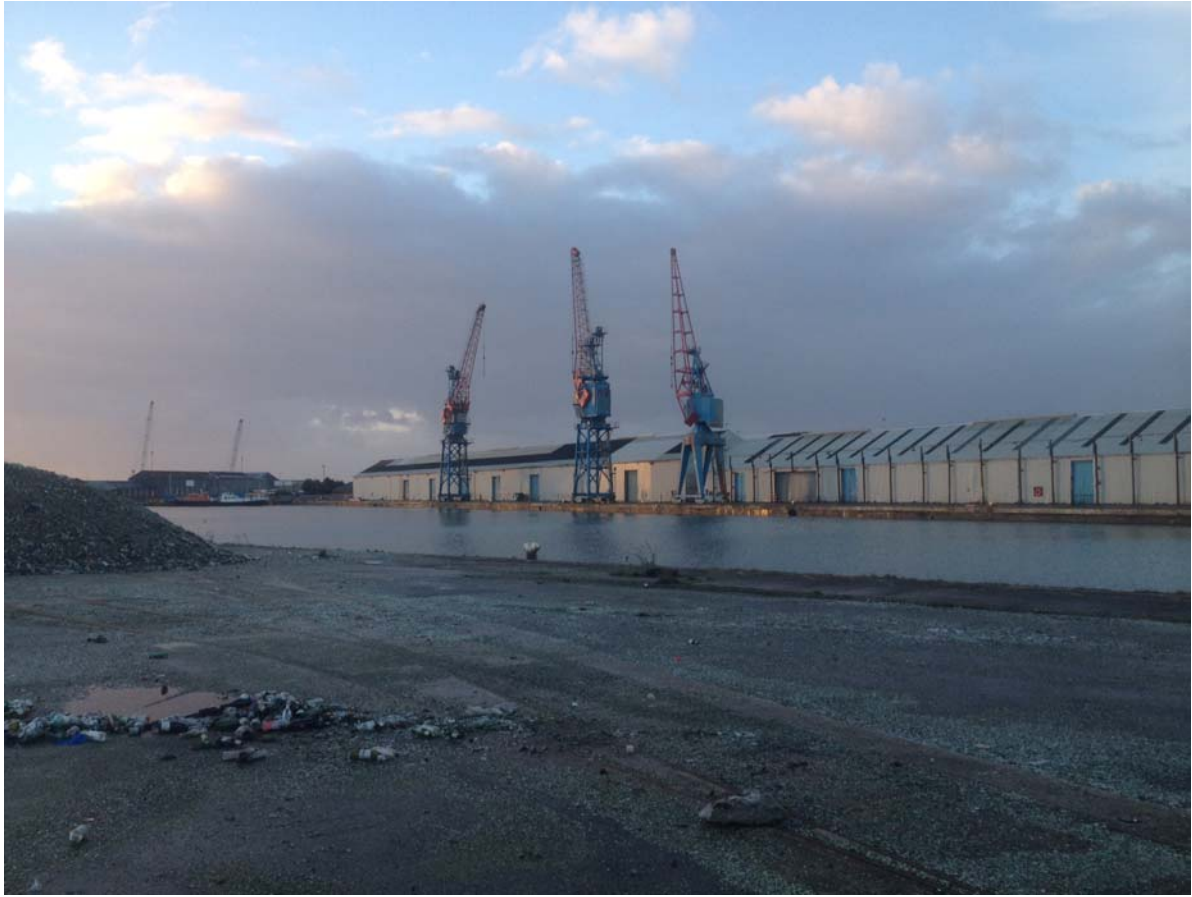
**King's Dock
Swansea**

**Appendix 7
Photographic Record
of Site Conditions
30 May 2014**



Internal Areas





View towards site from northeast



View toward site from northwest



View along quayside adjacent to industrial units