



LanzaTech

Phoenix Wharf, Port Talbot

Desk Study



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Phoenix Wharf, Port Talbot

Desk Study

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EXECUTIVE SUMMARY

SITE INFORMATION	Client	LanzaTech
	Site Details	The site is a disused parcel of land situated in part of the dock area owned by Associated British Ports (ABP) in Port Talbot. The site covers an area of approximately 9.68 hectares, with the centre situated at approximately National Grid Reference 276420, 188660. The nearest postcode is SA13 1RA.
	Current Land Use and Description	The site currently comprises a disused plot with a large central concrete slab and several smaller slabs to the northeast. The rest of the site is overgrown with dense scrub vegetation, with extensive Japanese Knotweed contamination observed across the southern half of the site.
	Proposed Development	While full details have not been provided to TEC at this stage, it is understood that the proposed development is to comprise a new facility for the production of synthetic jet fuel.
BACKGROUND INFORMATION	Geology	The site is recorded to be underlain by superficial Tidal Flat Deposits typically described by the British Geological Survey (BGS) as a consolidated soft silty clay with layers of sand, gravel and peat. The underlying bedrock geology is recorded as the South Wales Middle Coal Measures and is described as grey coal bearing mudstones/siltstones with seatearths and minor sandstones. In addition, the BGS reports the site and surrounding area to comprise 'Landscaped Ground', described as mainly redeveloped areas and others where extensive earth moving has occurred. Previous ground investigations at an adjacent site record made ground up to 5.5mbgl.
	Coal Mining	It is reported that the site is located within an area which may be affected by coal mining activity, although is not located within a Development High Risk Area. The Coal Authority report states that there are historical records of underground coal mining at Morfa colliery located approximately 300m to the southeast, but holds no records of any current underground workings, nor any current or historical opencast mines in the vicinity. A previous site investigation on land to the west of the LanzaTech site, found coal beds at varying depths between 31 and 47.3mbgl in 10No. exploratory holes, with one of the boreholes described by the drillers as having a coal seam between 34 and 36mbgl followed by backfilled workings of coal to 37.5mbgl.
	Hydrogeology	The superficial deposits recorded on site are reported as a Secondary (Undifferentiated) Aquifer of medium groundwater vulnerability. The underlying solid geology is designated as a Secondary Aquifer A of medium groundwater vulnerability. There are no groundwater abstractions reported within 500m of the site. There are two discharge consents to groundwater reported within 500m of the site. The northern half of the site is reported to be located in an area with potential for groundwater flooding to occur at the surface, whilst the rest of the site having potential for groundwater flooding of property situated below ground level.
	Hydrology	The nearest surface water features are the small ponds located on the site, followed by the adjacent docks. There are 19No. reported surface water abstraction records within 500m and 27No. reported discharge consents within 250m of the site. The site is not reported to be located within an area of extent of flooding from rivers and seas without defences (Flood Zone 1).
	Unexploded Ordnance	Zetica UXO risk mapping indicates the site is situated within a low bomb risk area.
	Site History	Earliest available historical mapping shows the site remained undeveloped until 1917 when a centrally located large factory building is identified on maps as 'Crown Preserved Coal Works'. This was demolished and replaced by factory buildings identified as 'Metal Refinery Works' by 1939 and later as 'Steel Ceilings Factory' and 'Wagon Repair Shop' with associated railway tracks. By 1939, additional railway lines were constructed on an embankment in the south of the site on the area previously recorded as 'sand'. By 1949, a large pond is present in the west of the site, along with a number of heaped areas of unknown constituents. Additional industrial buildings have been constructed along the northern perimeter, with three rectangular warehouse buildings constructed to the east on mapping dating to 1964. All buildings on site appear to have been demolished as of 2009.

CONCLUSIONS	Identified Pollutant Linkages	Potential pollutant linkages that have been identified as part of this assessment include: - Human Health (current and future site users) – exposure to contaminants associated with potential made ground and potentially contaminative historic industrial processes on and in proximity to site through ingestion, inhalation and dermal contact pathways. - Human Health (future site users and proposed structures) – migration, ingress and accumulation of ground gases. - Controlled Waters - Leaching of potential contaminants from potential made ground/shallow soils and vertical and lateral migration through the saturated zone to controlled waters.
	Ground Engineering	Multiple records of potential excavations or extractive industry usage are reported on site, including unspecified deposited materials, unspecified pits, railway embankments and railway cuttings. In addition, current and historical ponds are reported on site. Potentially soft, compressible clay/silt/sand tidal flat deposits which could include peat as indicated from BGS borehole records, and/or potentially significant thicknesses of made ground, may yield low CBR and design subgrade surface modulus values requiring improvement of the subgrade to support the construction of a pavement foundation. The potential for a high-water table may need consideration within the pavement design based on proximity to the docks and seasonal ponds observed on site.
RECOMMENDED FURTHER WORKS	Given the assessment presented within this report, additional works would be recommended to fully define the geoenvironmental and geotechnical issues associated with the site in relation to the proposed development. This phase of assessment would involve the refinement of the site conceptual model developed as part of the preliminary risk assessment based on the findings of the exploratory intrusive investigation, as well as confirming the underlying ground profile to ascertain the most appropriate foundation solution for the proposed development.	

1 INTRODUCTION

1.1 Terms of Reference

- 1.1.1 TEC has been appointed by Costain on behalf of LanzaTech to undertake a preliminary land contamination and geotechnical assessment of Phoenix Wharf, Port Talbot.

1.2 Background

- 1.2.1 The site currently comprises a roughly rectangular disused parcel of land that features a large central concrete slab surrounded by dense overgrown vegetation, situated in part of the dock area owned by Associated British Ports (ABP), in Port Talbot (Figure 1). The site covers an area of approximately 9.68 hectares, with the centre situated at approximately National Grid Reference 276420, 188660. The nearest postcode is SA13 1RA.
- 1.2.2 While full details have not been provided to TEC at this stage, it is understood that the proposed development is to comprise a new facility for the production of sustainable jet fuel.
- 1.2.3 A number of previous assessments have been undertaken on a site located approximately 175m to the west. These include the following reports:
- Port Talbot Renewable Energy Plant Environmental Desk Study Report by Sinclair Knight Merz (SKM). Prepared for PrenergyPower, dated May 2006.
 - Port Talbot Renewable Energy Plant Phase II Geo-Environmental Investigation by Sinclair Knight Merz (SKM). Prepared for PrenergyPower, dated May 2007.
 - Port Talbot Renewable Energy Plant, Port Talbot Docks, Factual Report on Ground Investigation. Report ref: H8090, prepared for Atkins Limited on behalf of PrenergyPower, dated March 2009.
- 1.2.4 These previous reports have been provided to TEC and reviewed in Section 2.10 of this report. It is assumed that these previous reports can be relied upon, although TEC hold no responsibility for the validity of third-party information. Reference should be made to the reports for full information.
- 1.2.5 The aim of these works is to provide information on land contamination risk and the ground engineering conditions and constraints associated with the site to assess the feasibility of the proposed development

1.3 Scope of Works

- 1.3.1 The scope of work undertaken as part of this report is presented below:
- **Preliminary Risk Assessment:** This phase of assessment involves development of an initial site conceptual model, based on desk study research and a site reconnaissance survey, in order to establish whether or not there are potentially unacceptable risks.
 - **Preliminary Geotechnical Assessment:** This phase of assessment comprises a review of publicly available ground engineering and geological information for the site to determine likely preliminary geotechnical parameters.
- 1.3.2 The above scope of work has been undertaken in accordance with current guidance such as LCRM - *Land contamination: risk management* (Environment Agency, 2020), BS10175+A2 (2017), BS5930:2015+A1:2020 and, where appropriate, Eurocode 7 and NHBC/ LABC.

2 PRELIMINARY RISK ASSESSMENT

2.1 Introduction

2.1.1 Information for this preliminary risk assessment (PRA) has been obtained from a site reconnaissance survey and a review of an Envirocheck® report obtained for the site (Appendix A and Appendix B) together with published available information where relevant.

2.2 Site Setting

2.2.1 A site reconnaissance survey was undertaken on 28th March 2022. A summary of the observations is presented in Table 2.1.

Table 2.1: Site Details

Feature	Description
Current Site Use	The site is a disused plot of land comprising of a large central concrete slab, as well as several smaller concrete slabs in the northeast of the site. The remainder of the site is overgrown with dense scrub vegetation, with several areas of waterlogged ground observed, notably towards the northern perimeter. Evidence of Japanese Knotweed was observed extensively across the site, and notably in the southern half of site. It is understood from the client that the observed stems are the remains of clearing efforts undertaken to allow access for the main ground investigation works. An electricity sub-station is located in the north-eastern corner of site and is situated on a concrete slab.
Site Context	The site is located within a predominantly industrial area.
Site Boundary Features	North Industrial buildings associated with Hanson Cement, beyond which Port Talbot docks
	East Industrial properties
	South East-west trending railway tracks, beyond which is Port Talbot Steelworks
	West Industrial properties and disused overgrown land
Site Topography	The site is predominantly flat and situated at approximately 7.0m above ordnance datum (AOD).
Hard and Soft Landscaping	The site was noted to comprise a combination of both hard and soft landscaping, with a large concrete slab observed in the centre of the site, with additional smaller slabs to the northeast, whilst the remainder of the site is covered with dense vegetation.
Trees and Vegetation	The site is predominantly covered with dense scrub vegetation although some reeds were observed to the north along areas of waterlogged ground. Japanese Knotweed stems were identified to the south. Based upon information provided by the client, it is understood that Japanese Knotweed once covered up to approximately 2Ha of the site, much of which has recently been removed. Additionally, several mature deciduous trees were identified along the southern perimeter.
Fuel, Hazardous Chemicals and Waste Materials Storage	No evidence of fuel storage or waste material storage was observed on site at the time of inspection. However, it is noted that in the north-eastern corner of the site several discarded gas bottles as well as four 'Castrol' oil drums were observed near to the electricity sub-station.
Asbestos Containing Materials	No potential asbestos containing materials were observed on the ground surface during the site reconnaissance.
Site Drainage	No formalised drainage was observed on site; however, several small patches of waterlogged ground/standing water was observed, notably towards the north.
Evidence of Potential Contamination	No visual or olfactory evidence of potential contamination was noted on the ground surface during the site reconnaissance.
Ground Stability Hazards	No visual evidence of ground subsidence/movement was observed.

2.3 Site History

2.3.1 Details of the history of the site and surrounding area, relevant to this preliminary risk assessment, have been obtained through the review of historical Ordnance Survey (OS) mapping. A summary of potentially significant features is recorded in Table 2.2, which should be read in conjunction with the full map extracts contained within Appendix A.

Table 2.2: Historical Features Summary

On Site Features	OS Dates
The site is an undeveloped parcel of land on the tidal flats of Port Talbot with the high-water mark running broadly north-south through the site, such that the eastern half of the site is covered by tidal mud and the western half is depicted as marsh/osiers.	1876 - 1900
A large factory building, and several smaller buildings are centrally located on the site and recorded as part of 'Crown Preserved Coal Works'. Several railway lines run from these works west across the site and join the Port Talbot Railway docks branch located offsite to the southwest. The corner of a large factory building, as part of 'Rio Tinto Copper Works', is located centrally on the northern perimeter, with additional railway tracks from these works also crossing the site and exiting off site from the western perimeter. The southern half of the site is recorded as 'sand'.	1917 - 1921
The former 'Crown Preserved Coal Works' have been demolished and replaced with a large rectangular building as well as two small rectangular outbuildings and a tank and is now recorded as being a 'Metal Refinery Works'. The railway tracks have been shortened and their orientation slightly adjusted to accommodate the new building. Additionally, several smaller rectangular buildings are located along the northern perimeter. A small pond is recorded in the western half of site and all railway lines and buildings associated with the Rio Tinto Copper Works remain unchanged from their previous layout. Additional railway lines have been constructed on an embankment in the south of the site on the area previously recorded as 'sand'.	1939 - 1940
Infrastructure associated with the 'Metal Refinery Works' are now referred to as 'Steel Ceilings Factory', with an electricity sub-station recorded to the southeast of these buildings, and a second, larger pond also recorded to the west, along with heaped areas of unknown constituents. The railway tracks serving the factory building appear to have been extended to the northeast, and a large warehouse building is now located towards the eastern perimeter.	1949 - 1951
Three additional rectangular warehouse buildings are now located to the east of central factory.	1964 - 1965
The central factory building is now referred to as a 'Wagon Repair Shop', with the associated railway tracks now listed as dismantled. The four warehouse buildings to the east have been demolished and replaced with three square buildings with hoppers on the exterior and roads leading to the north-eastern corner. The buildings along the northern perimeter are now referred to as 'Engineering Works'. The corner of the former 'Rio Tinto Copper Works' building to the north is now referred to as a 'warehouse' and a 'repair depot'. The ponds and heaped areas remain present in the western half of the site.	1968 - 1978
The central factory building remains present. Only one building to the east of site remains, all others appear to have been demolished. No ponds are recorded on site.	1980 - 1982
All buildings and infrastructure associated with former 'Rio Tinto Copper Works' in the northern area of the site have been demolished.	1991 - 1996
Small pond recorded to the west of central factory buildings, as well as a small electricity sub-station present in the north-eastern corner of site.	1999 - 2000
Central factory buildings no longer present on mapping, as is sub-station that was located in the southeast of site.	2009
Buildings associated with the 'works' along the northern perimeter appear to have been demolished. The pond in the west of the site remains present.	2013 - 2022

Surrounding Features	Distance	Direction	OS Dates
Port Talbot Docks and associated quays and wharfs	From ~20m	North	1876 - 2022
Port Talbot Railway Docks Branch (multiple lines)	From ~10m	South, west and north	1899 - 2022
Rio Tinto Copper Works (Later Warehouse/Depot buildings)	Adjacent	North	1917 - 1991
Hydraulic Power Station	~275m	West	1917 - 1965
Talbot Wharf with associated tanks/railway infrastructure and coal tips	~350m	North	1900 - 2022
Margam Works (originally Copper, later Iron & Steel Works) and associated tanks, electricity sub-stations and conveyors (now owned/operated by Tata Steel)	~400m	East	1876 - 2022
	~430m	Southeast	1952 - 2022
	~320m	Southwest	1968 - 2022
Electricity Sub-Station	~350m	East	1949 - 2000
	~75m	North	1978 - 2006
Phoenix Briquetting Works	~160m	East	1949 - 1965
Talbot Wharf Chemical Works	~450m	Northeast	1949 - 1996
Works (including Liquid Oxygen Plant, oil storage tanks and electricity sub-stations)	From ~10m	East	1968 - 2022
Engineering Works	~150m	Northwest	1968 - 2022
Port Talbot Industrial Estate	~270m	Northeast	1978 - 2022

2.4

Geology

2.4.1

A summary of available geological information for the area is provided in Table 2.3.

Table 2.3: Geological Setting

BGS Geological Mapping (Ref. Solid and Drift 1:10,000 map – Swansea Sheet 247)			
Geological Unit		Thickness	BGS Description
Landscaped Ground		Unknown	Mainly redeveloped areas and others where extensive earth moving has occurred
Superficial Deposits: Tidal Flat Deposits		Unknown	Consolidated soft silty clay, with layers of sand, gravel and peat (including ‘submerged forest’).
Solid Geology: South Wales Middle Coal Measures Formation		>120m	Grey, productive coal-bearing mudstones/siltstones with seatearths and minor sandstones.
BGS Borehole Records			
BGS Reference	Distance/ Direction	Depth	Recorded Strata
SS78NE86	~310m/N	18ft/~5.5m	Made ground
		20.6ft/~6.3m	Soft brown sandy clay and stones
		21.2ft/~6.5m	Soft brown sandy clay
		22ft/~6.7m	Soft black peat
		22.6ft/~6.8m	Soft blue very sandy silty clay
		36ft/~11m	Fine to medium gravel
		44ft/~13.4m	Fine to medium sand and gravel
		61ft/~18.6m	Fine to medium gravel with boulders
		65ft/~19.8m	Medium density brown stoney clayey sand

BGS Reference	Distance/ Direction	Depth	Recorded Strata
SS78NE87	~310m/N	8ft/~2.4m	Made Ground
		13ft/~4.0m	Coarse sand with stones
		14ft/~4.3m	Soft black silty clay
		18ft/~5.5m	Soft grey clay
		53ft/~16.2m	Coarse to fine gravel and boulders
		63ft/~19.2m	Stiff blue very sandy clay with stones
		63.6ft/~19.4m	Firm brown sandy clay with stones and coal
BGS Estimated Soil Chemistry			
Element		Estimated Concentration	
Arsenic		25 - 35 mg/kg	
Cadmium		<1.8 mg/kg	
Chromium		60 - 90 mg/kg	
Lead		<100 mg/kg	
Nickel		30 - 45 mg/kg	
Radon			
Radon Potential		Radon Protection Requirement	
Intermediate Probability Radon Area (1% to 3% of homes are estimated to be at or above the Action Level)		None reported to be required	

2.5 Hydrogeology

2.5.1 The Envirocheck® report and Environment Agency information records the following hydrogeological setting of the site.

Table 2.4: Hydrogeological Setting

Aquifer Status			
Geological Unit	Groundwater Vulnerability/ Aquifer Designation	Environment Agency Aquifer Classification	Potential Hydraulic Gradient Direction
South Wales Middle Coal Measures Formation	Medium Vulnerability / Secondary A Aquifer	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers.	-
Tidal Flat Deposits	Medium Vulnerability/ Secondary Undifferentiated Aquifer	Assigned in cases where it has not been possible to attribute either Category A or B to a rock type. In most cases, this means that the layer in question has previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type.	Potentially tidally influenced
Source Protection Zones			
None recorded within 1km			
Groundwater Abstractions			
None recorded within 1km			

Current Discharge Consents to Groundwater		
2No. recorded within 500m		
Receiving Water	Effluent Type	Distance/ Direction from Site
Groundwater via infiltration system	Not supplied	2No. at ~370m northwest
BGS Groundwater Flooding Susceptibility		
On site – The majority of the site is categorised as having the potential for groundwater flooding of property situated below ground level, with small sections of the site along the northern boundary categorised as having the potential for groundwater flooding to occur at the surface.		

2.6

Hydrology

2.6.1

The hydrological setting of the site is summarised in Table 2.5:

Table 2.5: Hydrological Setting

Nearest Surface Water Features		
Feature	River Quality (GQA Grade)	Distance/ Direction from Site
Pond	-	On Site
Port Talbot Docks	-	~25m north
River Ffrwdwyllt	A	~325m east
Surface Water Abstractions		
19No. recorded within 500m		
Details	Abstraction Use	Distance/ Direction from Site
Civil and Marine Ltd	Other Industrial/Commercial/Public Services: Dust Suppression	2No. at ~110m northwest
	Other Industrial/Commercial/Public Services: Process Water	4No. at ~130m northwest
Tata Steel UK Limited	Metal: Non-Evaporative Cooling	5No. at ~240m east
	Metal: Process Water	
Corus UK Strip Products	Metal: Process Water	~245m east
Costain Limited	Construction: Dust Suppression	~365m northeast
Tata Steel UK Limited	Metal: Evaporative Cooling	6No. at ~495m east
Licensed Discharge Consents		
27No. recorded within 250m		
Receiving Water	Operator/Effluent Type	Distance/ Direction from Site
Phoenix Wharf Docks	Associated British Ports: Not Supplied (Status: Expired)	0m
	Associated British Ports: Not Supplied (Status: Revoked)	0m
Swansea Bay	Dwr Cymru Cyfyngedig: Sewage Discharges	~10m east
Port Talbot Docks	British Steel PLC: Not Supplied (Status: Expired)	~20m east
		2No. at ~245m east
	British Steel PLC: Unspecified (Status: Revoked)	~245m east
	British Steel PLC: Unspecified (Status: Revoked and Replaced by IPC Authorisation)	~245m east
	Associated British Ports: Not Supplied	2No. at ~15m north
		2No. at ~35m northeast

	Associated British Ports: Unspecified (Status: Revoked)	~15m north
		~35m northeast
		~230m north
	Associated British Ports: Unspecified (Status: Expired)	5No. at ~35m northeast
		~95m northwest
		~115m north
		4No. at ~160m east
Pollution Incidents		
2No. recorded within 500m		
Receiving Water	Pollutant/ Incident	Distance/ Direction from Site
Not Given	Crude Sewage, Category 3 – Minor incident	~150m east
	Oils – Diesel (including agricultural), Category 3 – Minor incident	~470m west
Flooding from Rivers or Seas		
On Site Designation		Off Site Areas of Flooding
Flood Zone 1		~25m north: Flood Zone 3 – at risk from Flooding from Rivers or Sea without defences.

2.7 Environmental Data

2.7.1 Additional relevant environmental data from the Envirocheck® report for the site is summarised in Table 2.6.

Table 2.6: Additional Environmental Data Summary

Landfill Sites		
No current or historical landfills recorded within 500m		
Potentially Infilled Land (Water)		
15No. Recorded within 500m		
Type	Distance/ Direction from Site	Date on Mapping
Unknown Filled Ground (Pond, marsh, river, stream, dock etc)	On site	1921
	On Site	1965
	~40m south	1965
	~75m north	1985
	~185m north	1965
	~255meast	1921
	~260meast	1900
	~260m east	1921
	~295m south	1965
	~320m east	1900
	~350m northeast	1921
	~360msoutheast	1951
	~375m southeast	1951
	~385m southeast	1921
	~450m east	1921
Potentially Infilled Land (Non-Water)		
None recorded within 500m		
Hazardous Substances (Authorisations, Consents, Incidents)		
6No. recorded within 500m		

Type/Details		Distance/ Direction from Site
<i>Integrated Pollution Controls:</i> Bitmac Ltd – Carbonisation and Associated Processes within the fuel and power industry		~1m east
<i>Integrated Pollution Prevention and Control:</i> Port Talbot Power Ltd – Combustion , any fuel greater or equal to 50Mw		~40m east
<i>Local Authority Integrated Pollution and Prevention Control:</i> Civil & Marine Slag Cement Ltd – SG6: Mineral Industries		~70m northwest
<i>Local Authority Integrated Pollution and Prevention Control:</i> Civil & Marine Slag Cement Ltd – PG3: Blending, packing, loading and use of bulk cement		~70m northwest
<i>Substantiated Pollution Incident Register:</i> Pollutant: Oils & fuel – gas and fuel oil (August 2016)		~175m southeast
<i>Substantiated Pollution Incident Register:</i> Pollutant: atmospheric pollutants and effects: noise (July 2020)		~500m east
Commercial/ Industrial Land Use (Active Contemporary Trade Directories)		
29No. Significant land uses identified within 500m		
Classification	No. within 500m	Distance/ Direction from Site
Metal Products – Fabricated (Inactive)	1	On site
Precision Engineers (Inactive)	1	On site
General Engineering Services/Materials	3	~35m east ~405m northeast ~410m northeast
Air compressors	1	~55m northwest
Coal & Smokeless Fuel Merchants & Distributors	1	~55m northwest
Mechanical Engineers	3	~130m east 2No. at ~315m northeast
Clothing & Fabrics	2	~285m northeast ~400m northeast
Pump Supplies	2	2No at ~315m northeast
Coating Specialists	1	~315m northeast
Paint Spraying Equipment & Accessories	1	~285m northeast
Road Haulage Services	1	~325m northeast
Metal Finishing Services	1	~335m northwest
Garage Services	2	~340m northwest ~410m northeast
Lifting Equipment	1	~390m northeast
Commercial Cleaning Services	2	2No. at ~390m northeast
Machine Shops	1	~390m northeast
Hydraulic Equipment & Accessories	2	2No. at ~400m northeast
Concrete Reinforcements	1	~420m northwest
Railways	1	~470m northeast
Sensitive Land Uses		
None recorded within 1km		

2.8 Engineering Considerations

2.8.1 Engineering considerations identified from the Envirocheck® report for the site are summarised in Table 2.7 overleaf:

Table 2.7: Engineering Considerations

Ground Stability Hazards						
Hazard	Hazard Potential					
	No Hazard	Negligible	Very Low	Low	Moderate	High
Collapsible ground	X					
Compressible ground	X					
Ground dissolution	X					
Landslide			X			
Running sand	X					
Shrink/swell clays			X			
Coal mining					X	
Non-coal mining	X					
BGS Recorded Mineral Sites						
2No. recorded within 1km						
Site Name	Type/Commodity		Status	Distance/ Direction from Site		
Port Talbot Steel Slag Aggregates	Steel Works – Ground Granulated Blast Furnace Slag		Active	~50m northwest		
Margam Sand Pit	Opencast – Blown Sand		Ceased	~695m west		
Potential Mining Areas						
3No. recorded within 1km						
Site Name	Type/Commodity		Status	Distance/ Direction from Site		
Morfa	Coal	Unknown	~310m southeast			
		Ceased: 1914	~310m southeast			
		Ceased: 1911	~700m south			
Historic Land Use - Extractive Industries or Potential Excavations						
20No. recorded on site						
Type			First Map Published Date			
Unspecified Deposited Material			1899			
			1919 (2No. records)			
			1952 (5No. records)			
Unspecified Pit			1899			
			1919 (2No. records)			
New Dock			1917			
			1939			
			1952			
Railway Embankment			1940			
			1952			
Railway Cutting			1952			
			1952			
Pond			1952 (2No. records)			

2.9

Coal Mining

2.9.1

The mining and ground stability Envirocheck® report obtained for the site suggests that the site may have been used for the mining of coal and lignite on mapping dating to 1921, although the exact nature of the

usage is not reported. The location indicated in this Envirocheck® report corresponds to the location of the Crown Preserved Coal Works that appears on historical mapping dating up until to 1921.

2.9.2

It is reported that the site is located within an area which may be affected by coal mining activity and a Coal Authority Consultant's report has been obtained for the site. The full report is presented as Appendix C and summarised as follows:

- The site could have been affected by past underground coal mining, with two seams at Morfa historically having been worked to the southeast. The seams both dipped approximately 18.5 degrees to the north and north-east respectively, with total thickness extracted recorded as 240cm and 180cm. The final depths of these mines are reported as 747m and 767mbgl at the time of their closure in 1906.
- The property is not within a surface area that could be affected by present underground mining.
- The property is not in an area where a license has been granted to remove or otherwise work coal using underground methods. The property is not in an area likely to be affected from any planned future underground coal mining.
- No notices have been given, under section 46 of the Coal Mining Subsidence Act 1991, stating that land is at risk of subsidence.
- The Coal Authority is not aware of any damage due to geological faults or other lines of weakness that have been affected by coal mining.
- The property is not within the boundary of an opencast site from which coal has been removed by opencast methods.
- There are no license requests outstanding to remove coal by opencast methods within 800m of the boundary.
- The Coal Authority has not received a damage notice or claim for the subject property, or any property within 50 metres of the enquiry boundary, since 31 October 1994. There is no current Stop Notice delaying the start of remedial works or repairs to the property.
- The Coal Authority has no record of a mine gas emission requiring action.
- The property has not been subject to remedial works, by or on behalf of the Coal Authority, under its Emergency Surface Hazard Call Out procedures.
- The property is not in an area where a notice to withdraw support has been given.
- The property is not in an area where a relevant notice has been published under the Coal Industry Act 1975/Coal Industry Act 1994.

2.10

Previous Site Report Summary

2.10.1

Information has also been obtained through a review of the following reports which were undertaken on land ~175m to the west and southwest of the site:

- Port Talbot Renewable Energy Plant Environmental Desk Study Report by Sinclair Knight Merz (SKM). Prepared for PrenergyPower, dated May 2006.
- Port Talbot Renewable Energy Plant Phase II Geo-Environmental Investigation by Sinclair Knight Merz (SKM). Prepared for PrenergyPower, dated May 2007.
- Port Talbot Renewable Energy Plant, Port Talbot Docks, Factual Report on Ground Investigation by Soil Mechanics. Report ref: H8090, prepared for Atkins Limited on behalf of PrenergyPower, dated March 2009.

2.10.2

A summary of relevant information from these previous reports, in relation to this assessment, is summarised in Table 2.8 overleaf. Reference should be made to these previous reports for full information.

Table 2.8: Previous Reports Information Summary

Site History	A review of the historical mapping provided in the Desk Study report by SKM in May 2006, reveal that the LanzaTech site was previously used as Rio Tinto Copper Works and Crown Preserved Coal Works, as well as for various factories and works, consistent with the history detailed in Section 0 above. To the west of the LanzaTech site, the area was reported to be covered by dunes and rough pasture on earliest available mapping (1877), with a series of railway tracks present along the eastern perimeter as well as the northern boundary present on maps dating to 1899. A sand pit is marked on maps between 1919 and 1940, whilst several unmarked buildings and infrastructure such as tanks and substations as well as conveyors are present between 1953 and 1981. Various changes to the configuration of railway tracks and small buildings occur up to mapping dating to 2006.
Environmental Setting	The bedrock geology of the site is reported to comprise of the South Wales Middle Coal Measures overlying the Lower Coal Measures, with coal seam named 'two-feet-nine' trending northwest-southeast through the middle of the PrenergyPower site, with two north-northwest to south-southeast trending faults also present in the surrounding area. The overlying superficial deposits are reported to comprise of tidal flat deposits and blown sands. The SKM reports suggest that the Middle Coal Measures are classed as a Minor Aquifer and that the nearest surface water feature is the River Afan which flows into the sea to the southwest. One Local Authority recorded landfill is reported approximately 550m east of the PrenergyPower site.
Encountered Ground Conditions	<u>Ground Conditions – SKM May 2007</u> The encountered ground conditions of the adjacent site were generally recorded to comprise of made ground materials of sandy topsoil underlain by sandy gravel, cobbles and boulders of grey iron slag and clinker, to a maximum depth of 5.5mbgl. Superficial Blown Sands overlying Alluvium were encountered to a maximum depth of 23.7mbgl and generally described as loose to dense sands, underlain by sands interbedded with thick horizons of silt, clayey silt and silty clays. Horizons of fibrous peat were encountered at five exploratory hole locations between depths of 7.4m and 22.5mbgl. At the base of one exploratory hole location (BH9) very dense sand, gravel with occasional boulder of mudstone were encountered to a depth of 28.95mbgl and considered to be representative of weathered bedrock. <u>Ground Conditions – Soil Mechanics March 2009</u> The encountered ground conditions were generally found to comprise of made ground materials consisting of slightly silty sandy gravel or slightly silty gravelly sand, with gravel of brick, concrete and slag to a maximum depth of 5.3mbgl. Superficial deposits consisting of slightly silty sand interbedded with slightly sandy silty clay and occasional lenses of peat to a maximum depth of 24.1mbgl. The bedrock geology was encountered as slightly sandy gravel of sandstone, quartzite and mudstone beneath which thinly bedded dark grey siltstone and mudstone were observed to a maximum depth of 44.0mbgl. Notably, in 10No. of the exploratory hole locations, coal beds were recorded at depths varying between 31.0 and 47.3mbgl, and on average approximately 200mm thick, although in BH104R the coal is reported between 41.3 and 47.3mbgl. Additionally, in BHC5 the drillers describe coal between 34.0 and 36.0mbgl, followed by backfilled workings of coal to 37.5mbgl.
Groundwater	Groundwater was encountered at depths of between 0.8 and 3.4mbgl within the Made Ground and Alluvium deposits during drilling activities, with standing levels observed varying between 2.2 to 3.45 within the made ground and 1.1 to 4.4mbgl within the superficial deposits.
Contamination	A semi-quantitative risk assessment completed for the adjacent site to the west by SKM in May 2007 recorded exceedances of adopted generic assessment criteria for a commercial site end use for Total Cyanide and TPH Aliphatic C12 – C16. In line with guidance presented in CLR7, statistical analysis suggested that the population mean for both contaminants of potential concern was less than the screening level once statistical outliers had been removed. However, the outliers or hotspots exceedances of both Total Cyanide and TPH Aliphatic C12-C16 would require a detailed human health risk assessment to assess the risks to site end users.

Ground Gas/ Radon	Given the presence of made ground materials across the site and underlying organic deposits such as peat and coal, six gas monitoring visits were conducted as part of SKM Phase II Geo-Environmental Investigation in May 2007. Based on the collected data, it was concluded that the site was generally characterised as Characteristic Situation 1, however, elevated carbon dioxide values recorded during one monitoring visit would necessitate the site being classified as Characteristic Situation 2.
Relevant Pollutant Linkages	The relevant pollutant linkages identified for the southern area of land were limited to: - Human health (future site users) – exposure to potential contaminants through ingestion, inhalation and dermal contact. - Human health (future site users) – ingress and inhalation of ground gas.
Ground Engineering	Based on the thickness of made ground and soft alluvial silts and clays SKM concluded that a piled foundation solution would be required, founding in the competent sands and gravels encountered from approximately 23.7mbgl. Suspended or precast concrete floors were considered to be required for all structures based on the thickness of made ground deposits. Preliminary CBR values of 3% were considered appropriate for the made ground, improved up to 5% through proof rolling during construction.

2.11 Regulatory Consultations

2.11.1 Regulatory consultations were undertaken with the relevant departments at Neath Port Talbot Council with respect to possible environmental issues and ground conditions on-site and in the surrounding area. At the time of issue, a response has not yet been received. Any pertinent information received in due course will be issued under separate cover.

2.12 Outline Conceptual Model

2.12.1 In accordance with the Environment Agency Land contamination: risk management guidance, potential source-pathway-receptor pollutant linkages identified from the desk study phase are summarised in the following sections.

2.13 Potential Sources

2.13.1 Potential sources of contamination identified on and within the vicinity of the site are summarised overleaf:

On Site Sources

- Made ground/unspecified deposited material of unknown chemical composition;
- Potentially contaminative current and historical land uses including various industrial processes, potentially infilled ground and an electricity sub-station;

Off Site Sources

- A number of potentially contaminative current and historical processes have been identified in proximity to the site, including copper works, iron and steel works, warehouses, factories, depots, engineering works and railway sidings/mineral tramways.

2.14 Potential Receptor Pathways

2.14.1 Potential receptors identified as part of this preliminary risk assessment are:

- Current/future site users;
- Construction workers;
- Ecological receptors;
- Controlled waters (Secondary A and Secondary (Undifferentiated) Aquifers and surface waters)
- Proposed development/ structures.

2.15 Potential Pathways

2.15.1 Potential contaminant pathways relating to the identified receptors and contaminants of concern include:

- Dermal contact – contact with soil, dust or water;
- Ingestion - ingestion of soil, dust or water;
- Inhalation – inhalation of soil, dust or vapours;
- Vertical migration – e.g. seepage of contaminants at the ground surface (i.e. leakage/spillage of hydrocarbons) through cracks in hardstanding and/or leaching of contaminants within the unsaturated zone resulting in vertical contaminant migration; and
- Horizontal migration – e.g. lateral migration of contaminants within the saturated zone and along preferential pathways such as drainage pipe bedding.

2.16 Hazard Assessment and Risk Estimation

2.16.1 Potential pollutant linkages identified as part of this preliminary risk assessment are summarised in the Outline Site Conceptual Model presented in Table 2.9. References to risk estimations are made in accordance with the methodology presented in CIRIA publication C552 (2001) titled '*Contaminated Land Risk Assessment: A Guide to Good Practice*' and summarised in Appendix D.

Table 2.9: Outline Conceptual Model

Potential Hazard/ Source	Potential Receptor	Potential Pathway to Receptors	Potential Consequence of Source-Receptor Linkage	Potential Likelihood for Significant Source-Receptor Linkage	Risk Classification
Made ground, unspecified deposited materials, potentially infilled ground and potentially contaminative processes – on site	Current and future site users and construction workers	Exposure to potential contaminants through ingestion, inhalation and dermal contact.	Medium	Likely: Given the industrial development history recorded on site, observations made during the site reconnaissance and the reported presence of unspecified deposited materials and potentially infilled land on site, the presence of made ground of unknown thickness and chemical composition on site cannot be discounted at this stage.	Moderate Risk
	Controlled waters (Secondary Aquifers and ecological receptors)	Leaching of potential contaminants from made ground/shallow soil and vertical and lateral migration through the saturated zone to controlled waters.	Medium	Low Likelihood: Given the potential presence of made ground of unknown chemical composition and the recorded aquifer status of the underlying strata (Secondary A and Secondary (Undifferentiated) Aquifers), a potential risk to controlled waters cannot be fully discounted.	Low to Moderate Risk
	Current and future site users, construction workers and proposed development	Migration, ingress and accumulation of ground gasses.	Severe	Low Likelihood: Made ground, if present, may act as a potential source of ground gas, subject to thickness and chemical composition.	Low to Moderate Risk
Potentially contaminative current and historic processes –off site	Current and future site users, construction workers, controlled waters and proposed development.	Potential on-site contaminant migration from off-site sources. Exposure to potential contaminants through ingestion, inhalation and dermal contact.	Medium to Severe	Unlikely to Low Likelihood: Potentially contaminative current and historic processes have been identified in proximity to the site, including adjacent dock yard, iron & steel works, other industrial uses. The potential for on-site contamination migration from these off-site sources cannot be discounted at this stage. Notwithstanding this, given the anticipated cohesive nature of the reported underlying natural ground, the potential likelihood for significant contaminant migration on to site from these off-site sources is considered to be unlikely to low at this stage.	Low to Moderate Risk
Organic rich natural ground – on site	Current and future site users, construction workers, controlled waters and proposed development/structures.	Migration, ingress and accumulation of ground gasses.	Severe	Unlikely to Low Likelihood: The underlying superficial deposits are reported to potentially contain organic rich layers, which may provide a potential source of ground gas generation.	Low to Moderate Risk

3 PRELIMINARY GEOTECHNICAL ASSESSMENT

3.1 Proposed Development

- 3.1.1 While full details have not been provided to TEC at this stage, it is understood that the proposed development is to comprise a new facility for the production of sustainable jet fuel.

3.2 Potential Geotechnical Hazards

- 3.2.1 The published geological mapping indicates the site to be underlain by superficial deposits comprising of Tidal Flat Deposits across the site and Blown Sands adjacent to the west. The bedrock geology is reported as the South Wales Middle Coal Measures Formation. In addition, it is noted that BGS mapping identify the site and surrounding area to comprise 'Landscaped Ground' (Mainly redeveloped areas and others where extensive earth moving has occurred).
- 3.2.2 Historic nearby BGS borehole records indicate layers of sandy clay and peat to a depth of approximately 7mbgl, beneath which sands and gravels to approximately 20mbgl. Previous site investigations of the land ~175m to the west reported similar ground conditions, also noting a significant thickness of made ground (maximum depth of 5.5mbgl), as well as coal seams between 31.0 and 47.3mbgl.
- 3.2.3 The Envirocheck® report indicates a very low hazard rating for landslide ground stability and shrinking or swelling clay, whilst no hazard is recorded for compressible ground, ground dissolution and running sands.
- 3.2.4 The Envirocheck® report indicates that the site is in an area which may be affected by coal mining activity, with 3No. potential coal mining areas within 1km, the nearest of which named Morfa located ~310m southeast.
- 3.2.5 In addition, 20No. records of potential excavations or extractive industry usage of the site are reported, noted to include unspecified deposited materials, unspecified pits, railway embankments and railway cuttings. In addition, appropriate consideration should be given to the current and historical ponds reported on site.
- 3.2.6 The northern half of the site is reported as being located within an area that has the potential for groundwater flooding to occur at the surface and groundwater flooding of property situated below ground level.
- 3.2.7 Radon protection measures are not reported to be required for new dwellings on site.

3.3 Preliminary Geotechnical Recommendations

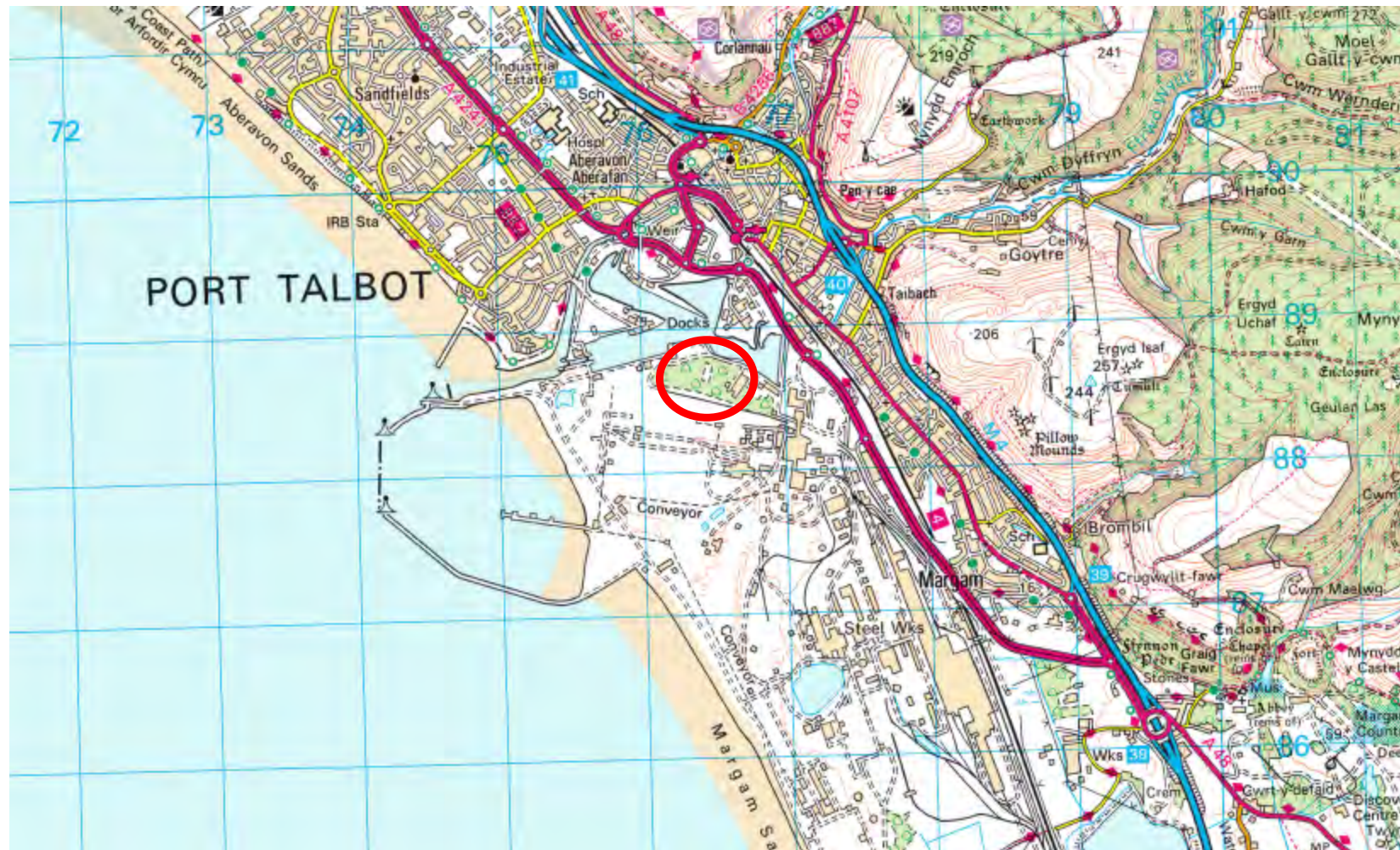
- 3.3.1 Potentially soft, compressible clay/silt/sand tidal flat deposits which could include peat as indicated from BGS borehole records and/or potentially significant thicknesses of made ground, may yield low CBR and design subgrade surface modulus values requiring improvement of the subgrade to support the construction of a pavement foundation.
- 3.3.2 The potential for a high-water table may need consideration within the pavement design based on proximity to the docks and seasonal ponds observed on site.
- 3.3.3 Given the identified potential geotechnical hazards, it is recommended that an appropriate geotechnical investigation be undertaken to ascertain underlying general ground conditions and appropriate pavement and foundation design parameters for the proposed on-site development.
- 3.3.4 In addition, it is reported that the site is located within an area which may be affected by coal mining activity. It is recommended that a coal mining report for the site is obtained from the Coal Authority.

4 RECOMMENDED FURTHER WORKS

- 4.1.1 Based upon our current conceptual understanding of the site and the proposed end use, the potential for significant pollutant linkages to be present is considered to be of low to moderate likelihood. Plausible pollutant linkages that have been identified as part of this assessment include:
- Human Health (current and future site users) – exposure to contaminants associated with potential made ground and potentially contaminative historic industrial processes on and in proximity to site through ingestion, inhalation and dermal contact pathways.
 - Human Health (future site users and proposed structures) – migration, ingress and accumulation of ground gases.
 - Controlled Waters (Secondary Aquifers and surface waters) - Leaching of potential contaminants from made ground/shallow soils and vertical and lateral migration through the saturated zone to controlled waters.
- 4.1.2 Given the assessment presented within this report, additional works would be recommended to fully define the geoenvironmental issues associated with the site in relation to the proposed development. This phase of assessment would involve refinement of the site conceptual model developed as part of the preliminary risk assessment based on the findings of an exploratory intrusive investigation.
- 4.1.3 Given the potential for earthworks on site (including potential unspecified pits, unspecified deposited materials and railway embankments/cuttings), localised thicknesses of made ground and pockets of peat, an intrusive investigation would be recommended to ascertain the ground profile for the most suitable founding options and to determine the engineering conditions and constraints in relation to the proposed development.
- 4.1.4 It is reported that the site is located within an area which may be affected by coal mining activity. It is recommended that a coal mining report for the site is obtained from the Coal Authority.

TEC

Figures and Drawings



Approximate Site Location:



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TEC
The Old Chapel
35a Southover
Wells, Somerset
BAS 1UH

Tel: 01749 677760
Email: info@tecon.co.uk
Web: www.tecon.co.uk

Site Name:

Phoenix Wharf, Port Talbot

Drawing Name:

Site Location Plan

Client Name:

LanzaTech

Project No:

2111006.002

Figure No:

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Date:

May 2022

Scale:

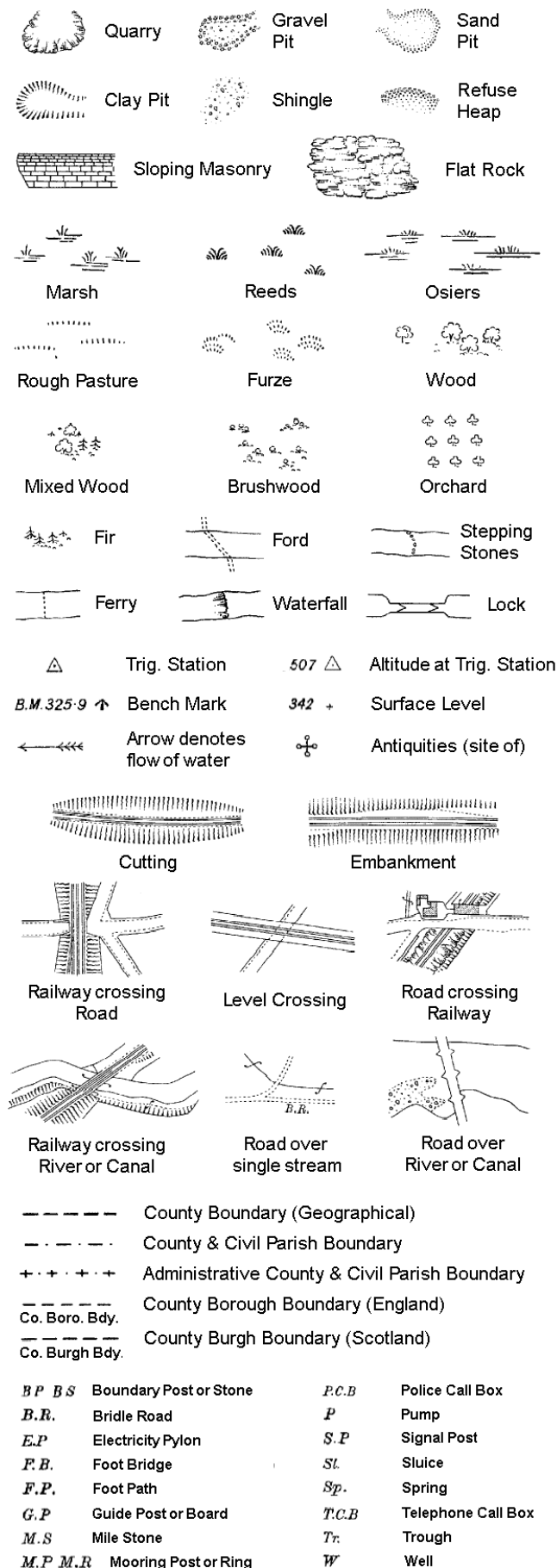
NTS

Appendix A

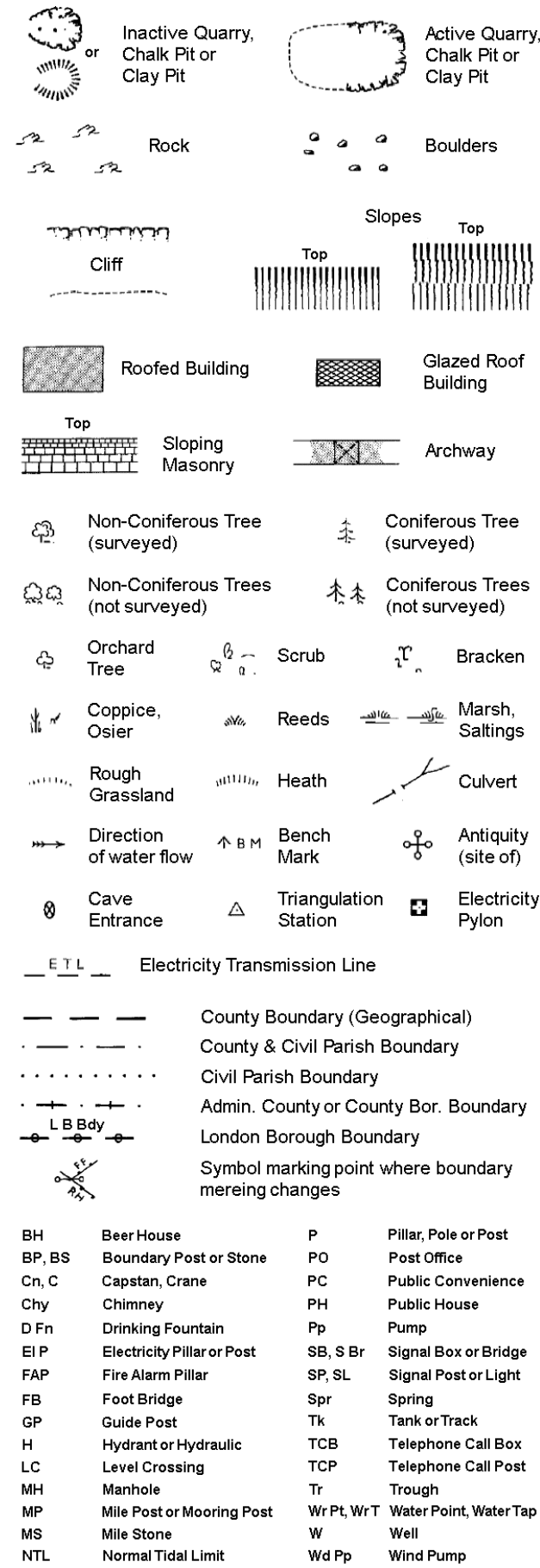
Historical Maps

Historical Mapping Legends

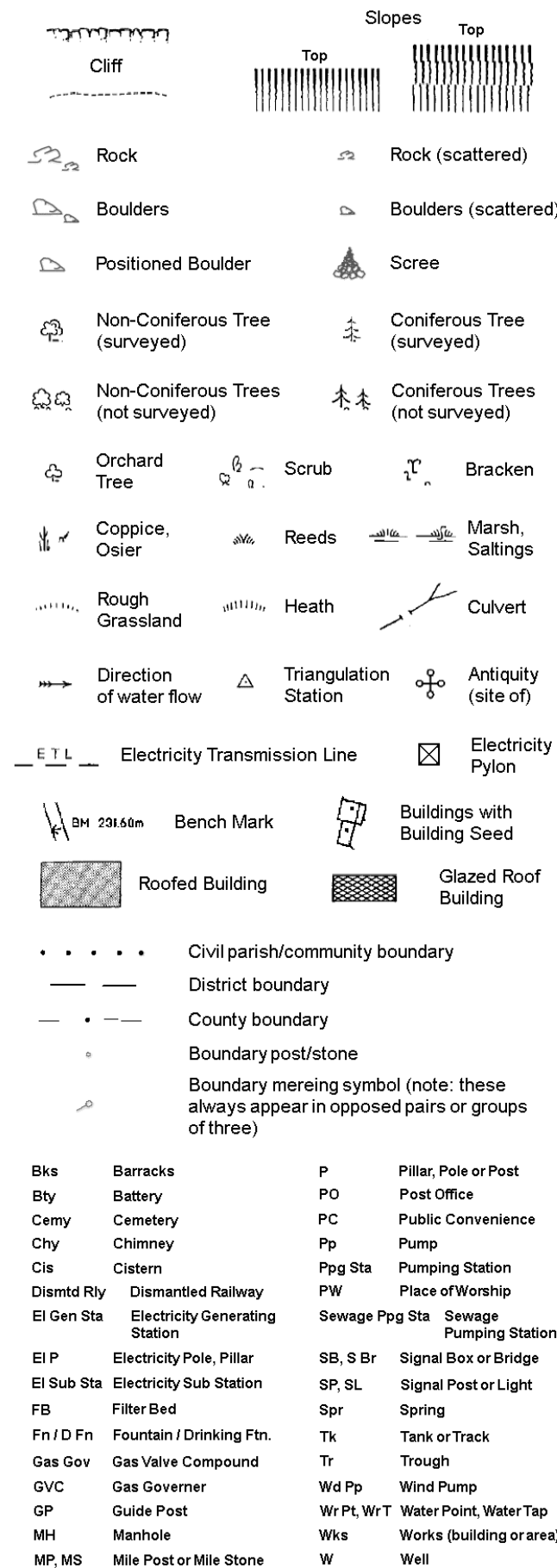
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



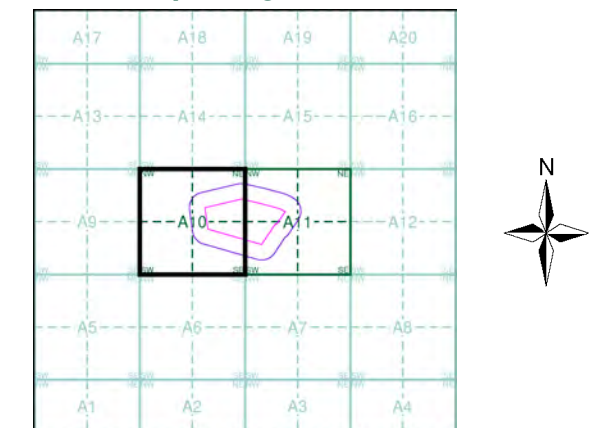
Large-Scale National Grid Data 1:2,500 and 1:1,250



Historical Mapping & Photography included:

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Glamorganshire	1:2,500	1899	3
Glamorganshire	1:2,500	1919	4
Glamorganshire	1:2,500	1940	5
Ordnance Survey Plan	1:1,250	1952	6
Ordnance Survey Plan	1:2,500	1953	7
Ordnance Survey Plan	1:2,500	1964	8
Ordnance Survey Plan	1:1,250	1968	9
Ordnance Survey Plan	1:2,500	1969 - 1982	10
Additional SIMs	1:1,250	1978	11
Additional SIMs	1:1,250	1991	12
Large-Scale National Grid Data	1:1,250	1993	13
Historical Aerial Photography	1:2,500	2001	14

Historical Map - Segment A10



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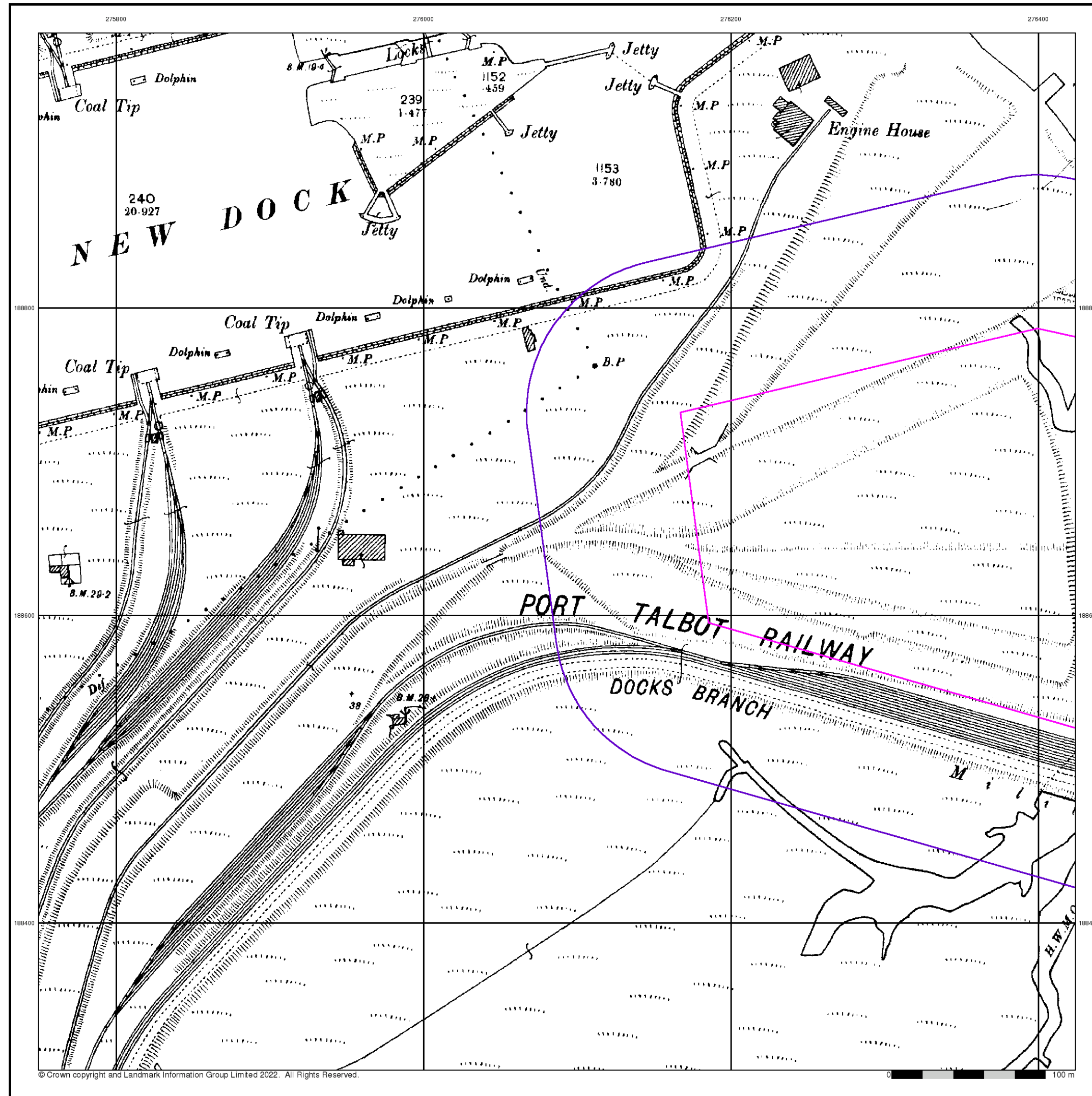
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Site Details

Site at 276440, 188700



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Web: www.envirocheck.co.uk



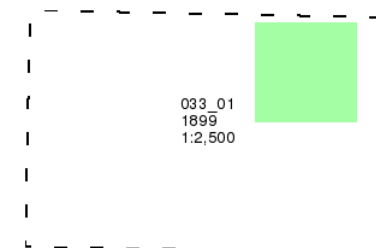
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Published 1899

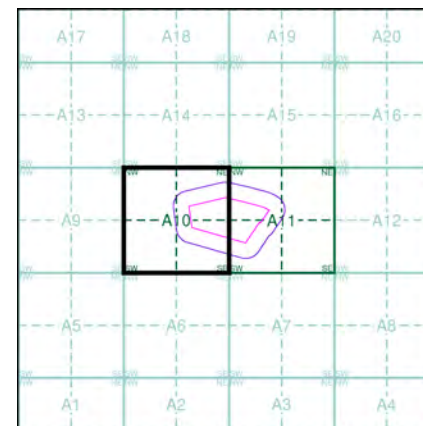
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Map Name(s) and Date(s)



Historical Map - Segment A10



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Landmark
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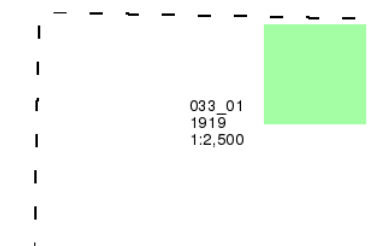
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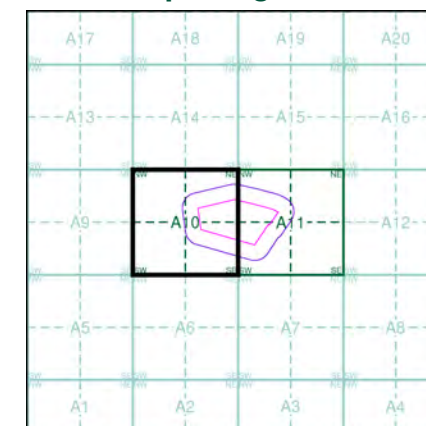
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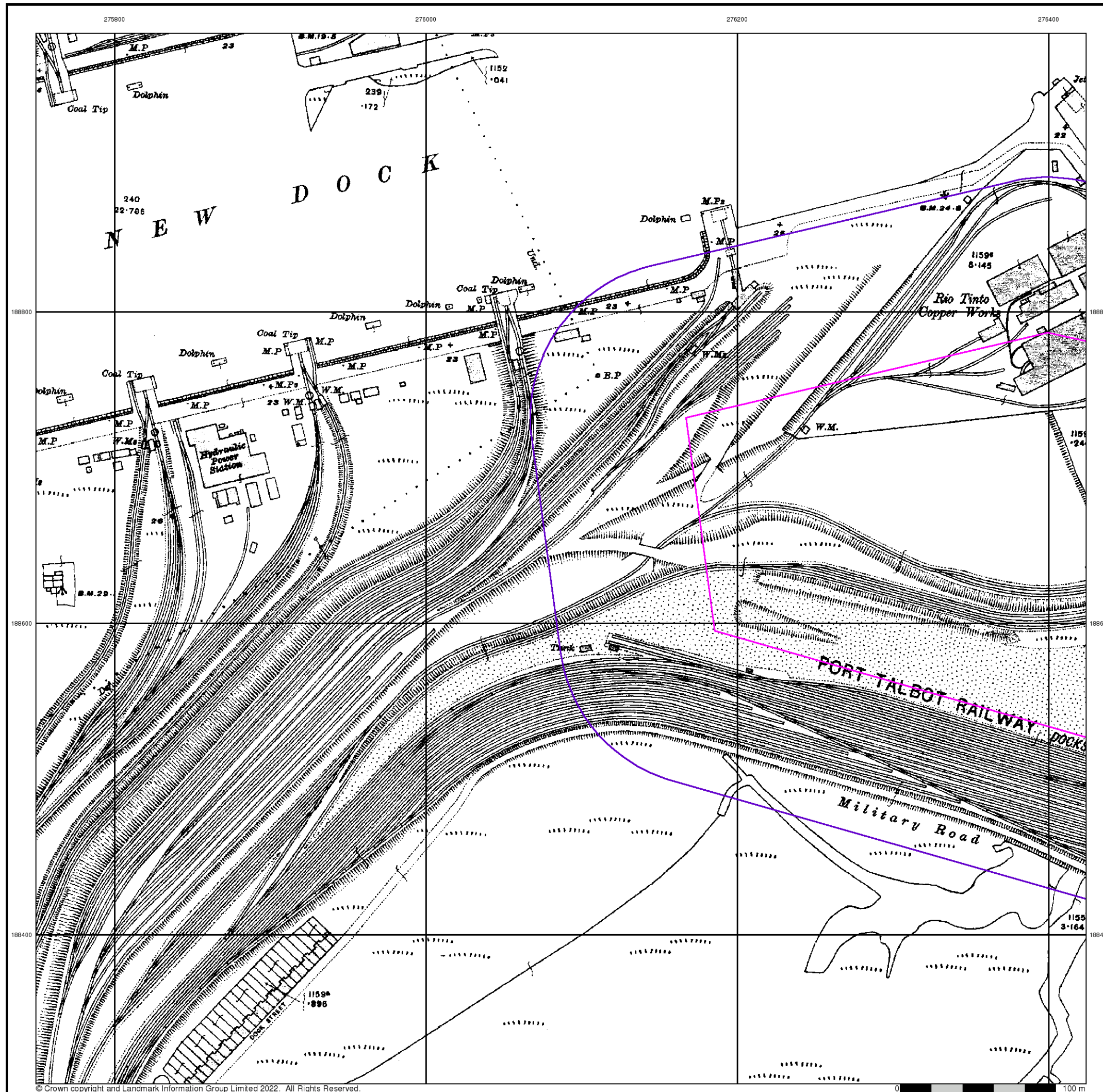
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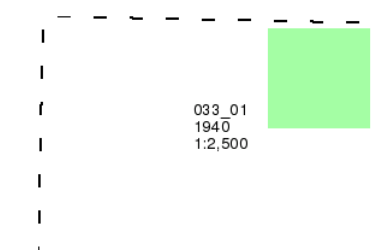
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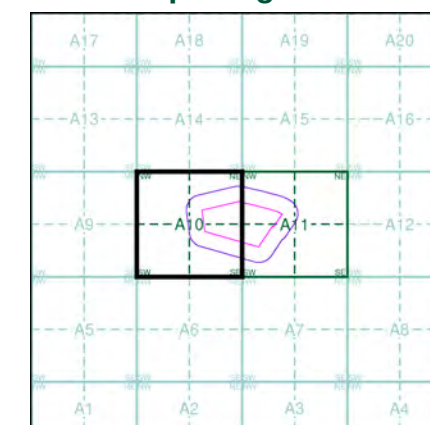
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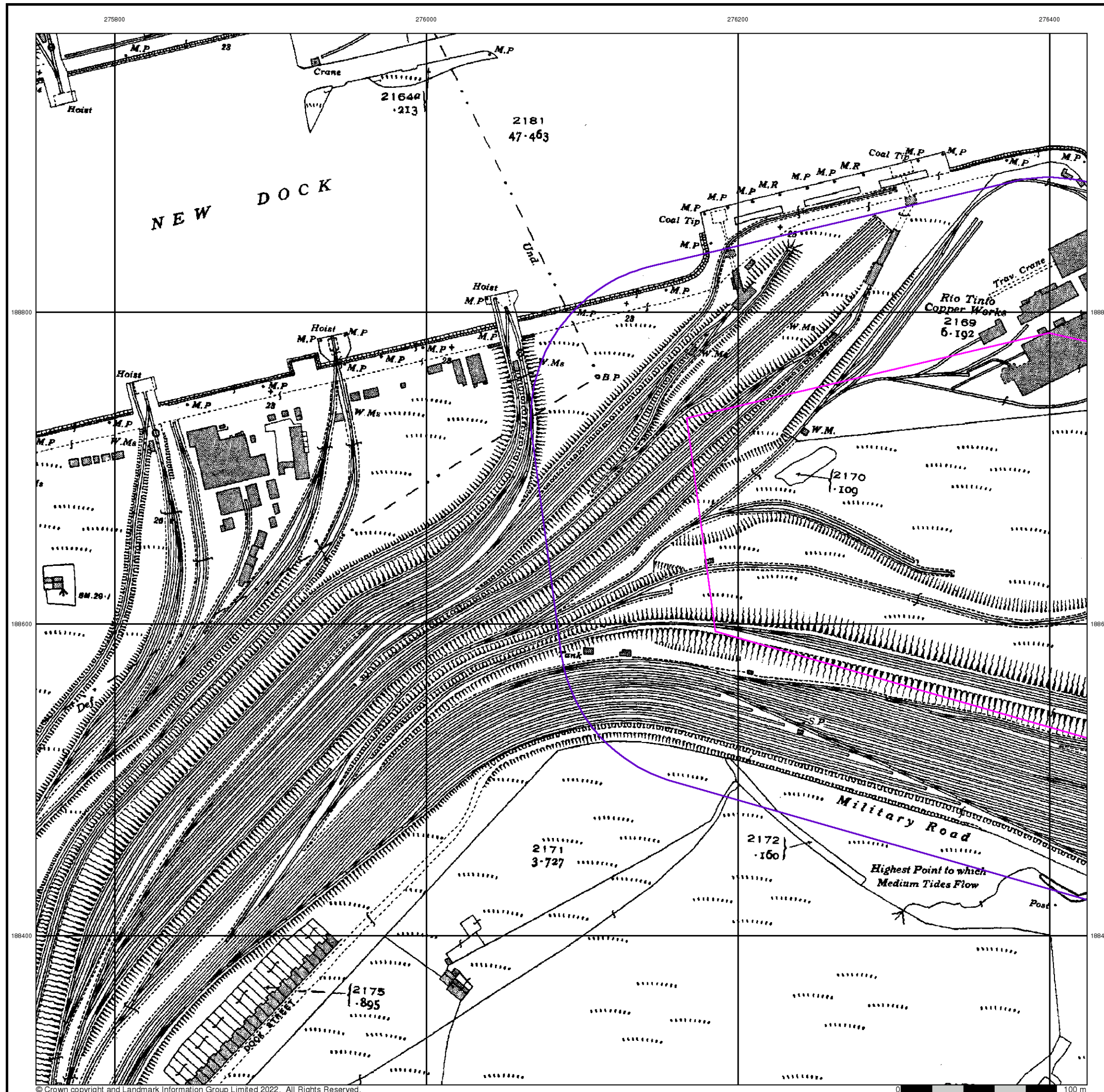
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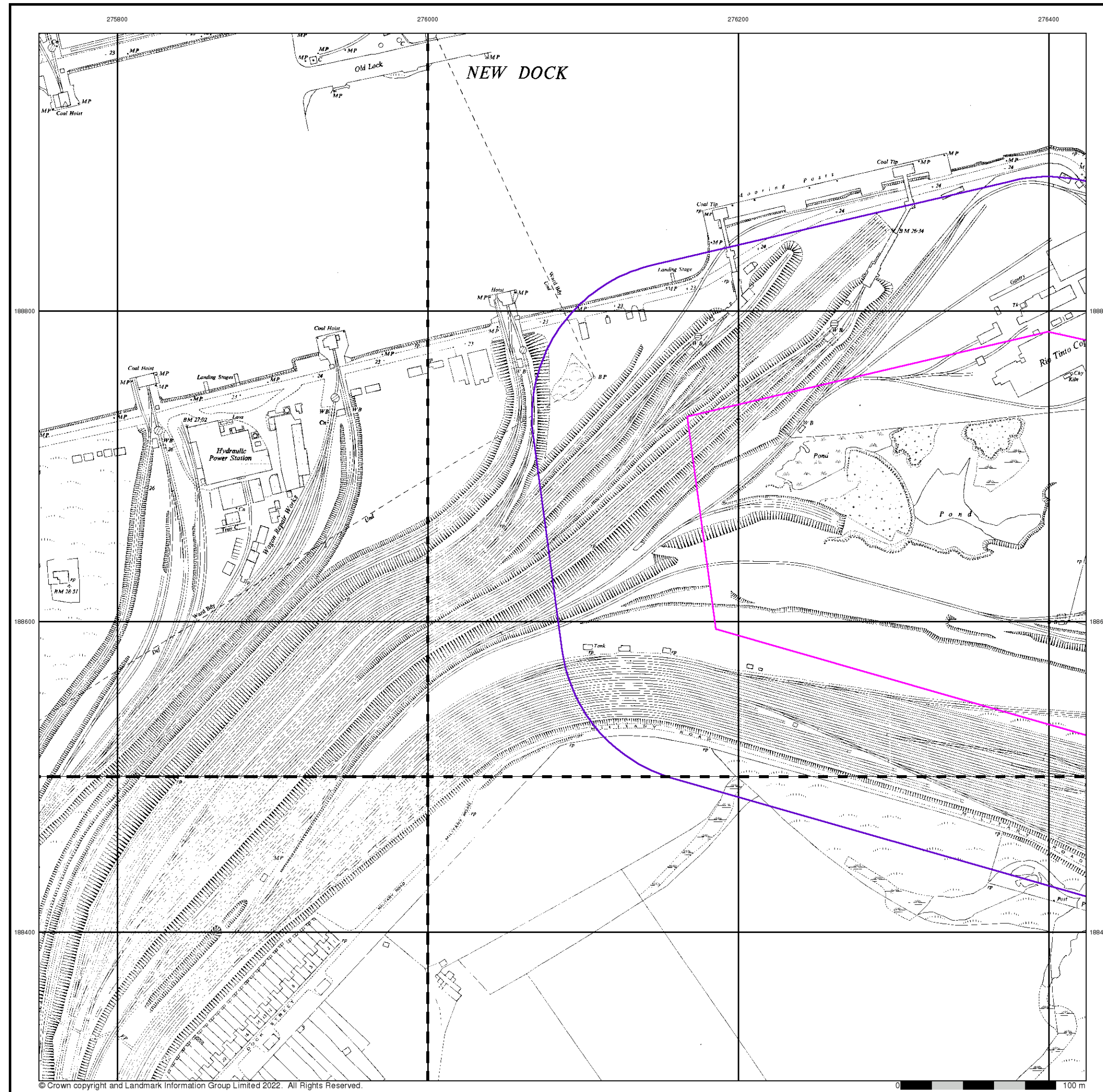
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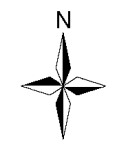
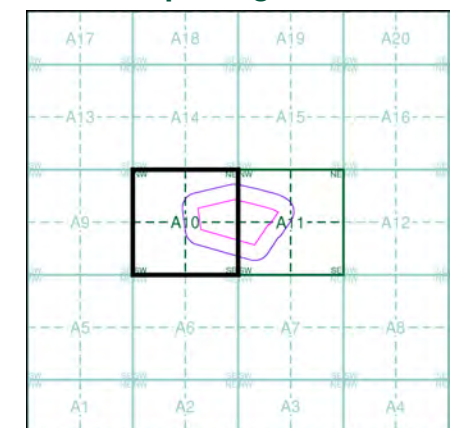
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Published 1952
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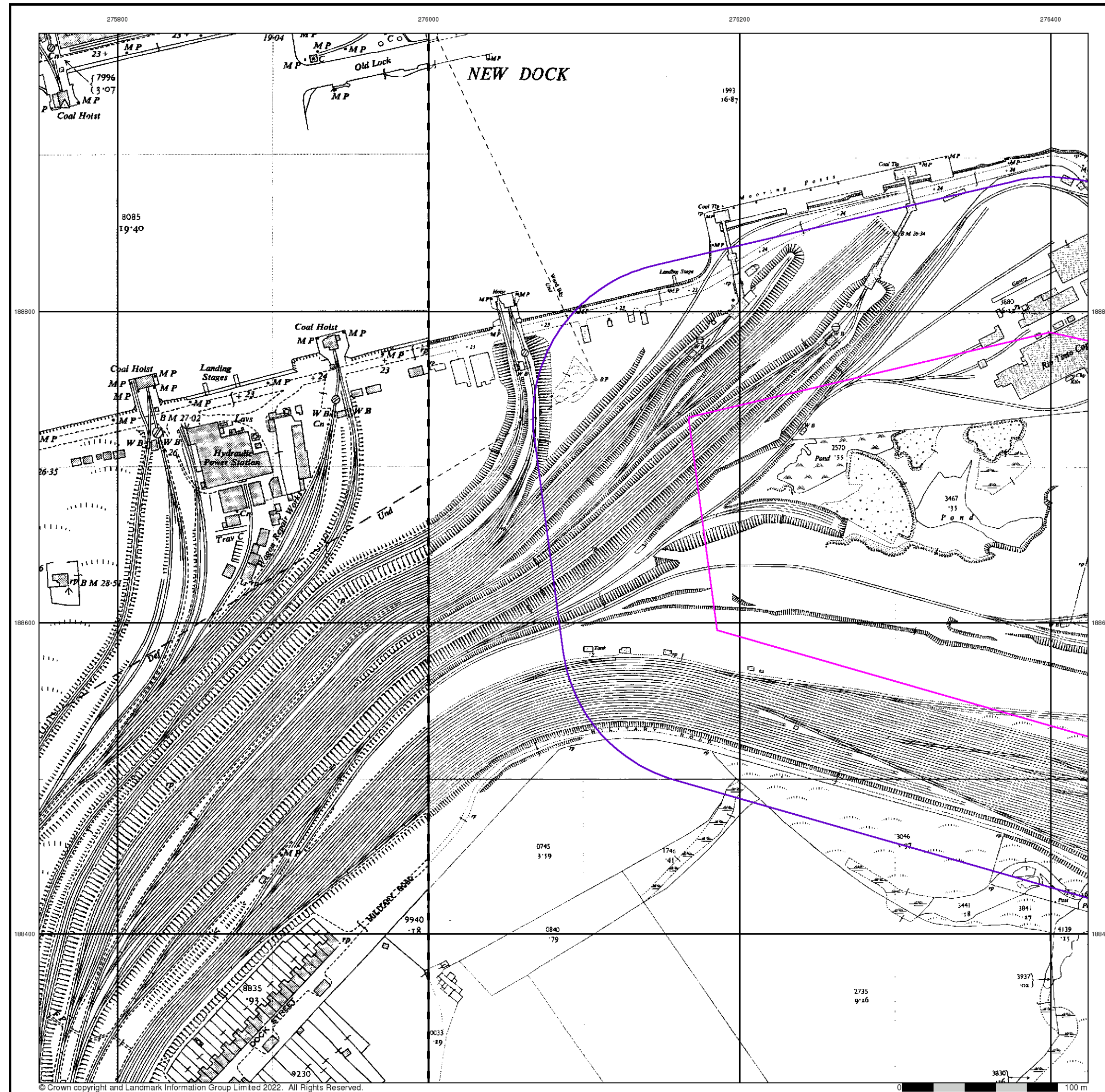
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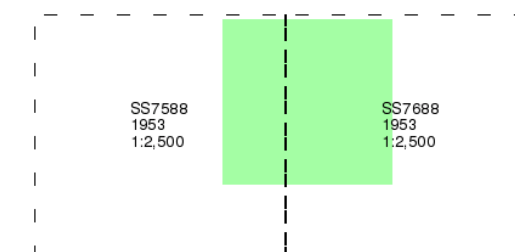
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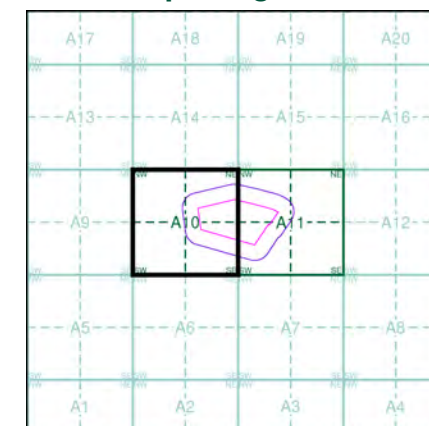
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Map Name(s) and Date(s)



Historical Map - Segment A10



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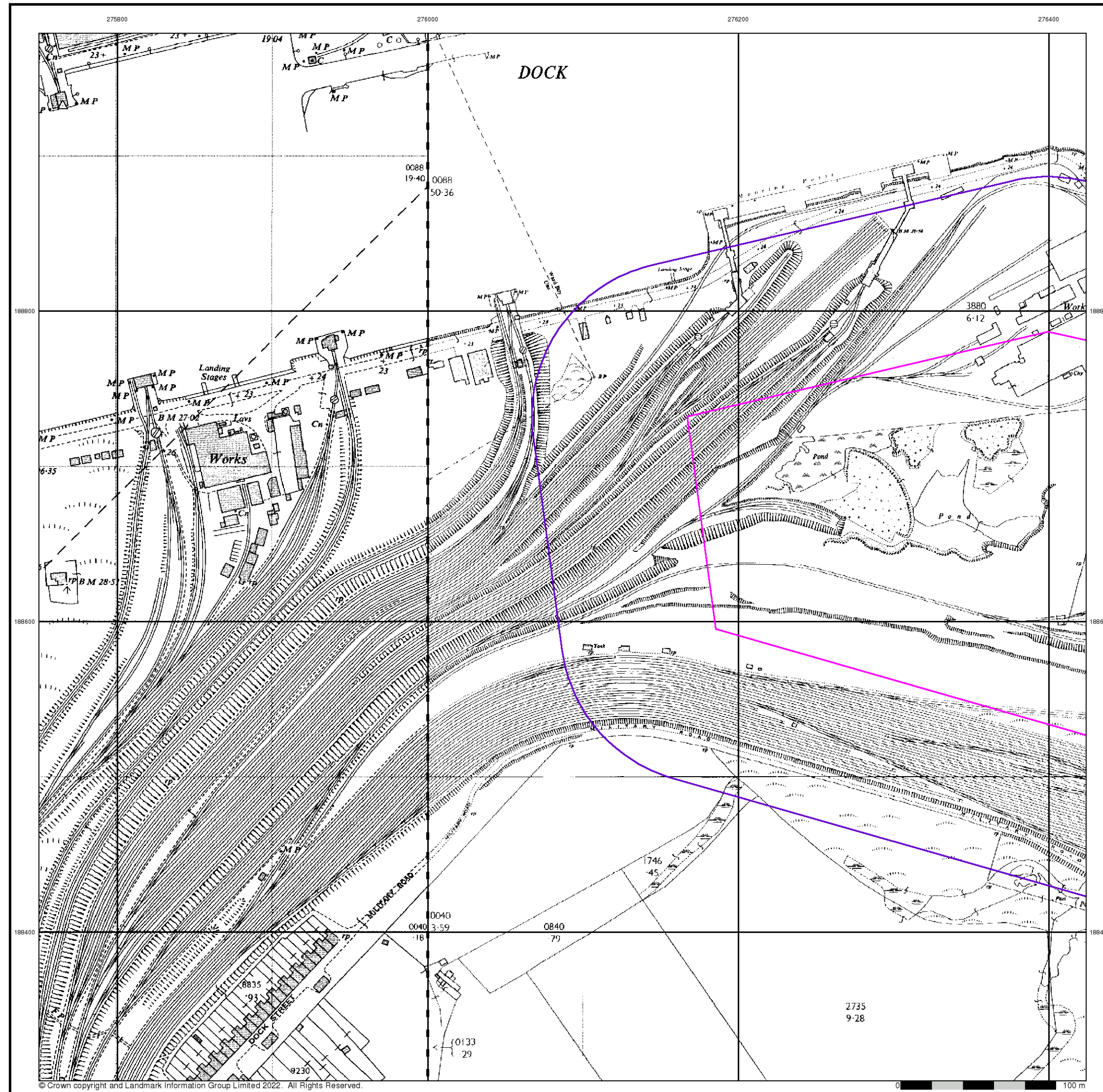
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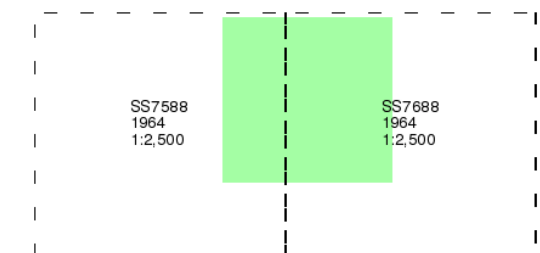
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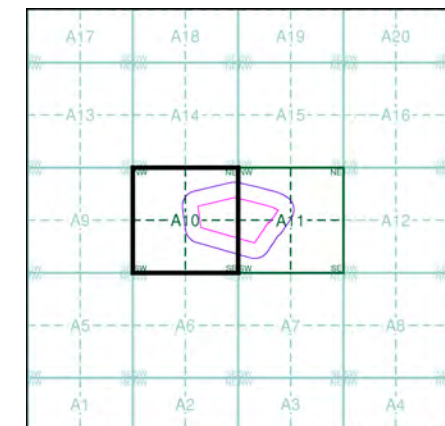
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Web: www.envirocheck.co.uk

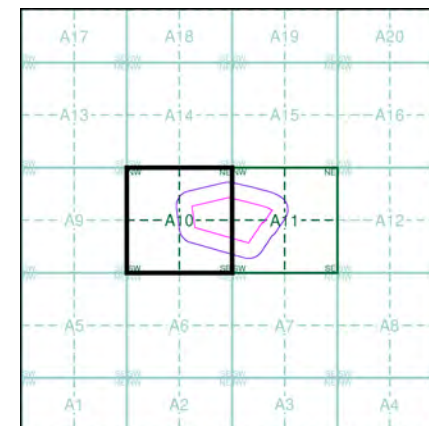


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)

SS7588NE 1968 1:1,250	SS7688NW 1968 1:1,250
SS7588SE 1968 1:1,250	SS7688SW 1968 1:1,250

Historical Map - Segment A10



Order Details

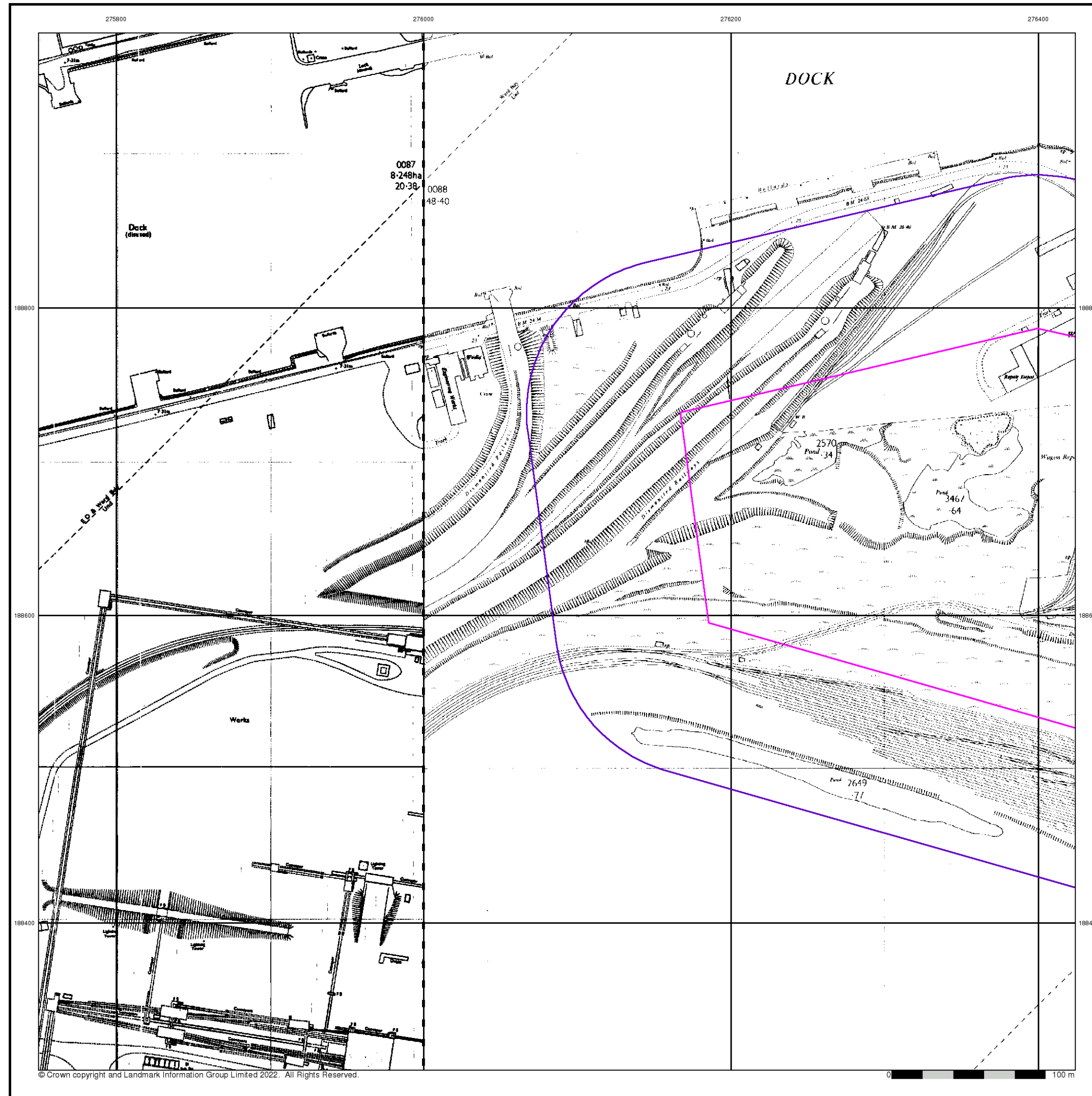
Order Number: 293349570_1_1
Customer Ref: 2111006.002
National Grid Reference: 276420, 188660
Slice: A
Site Area (Ha): 9.68
Search Buffer (m): 100

Site Details

Site at 276440, 188700

Landmark
INFORMATION GROUP

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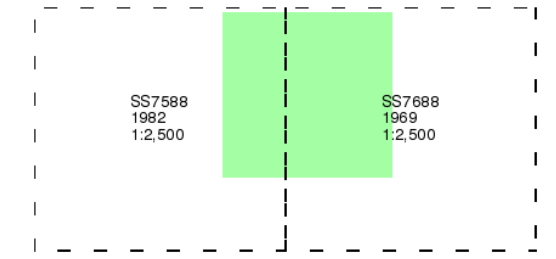
Ordnance Survey Plan

Published 1969 - 1982

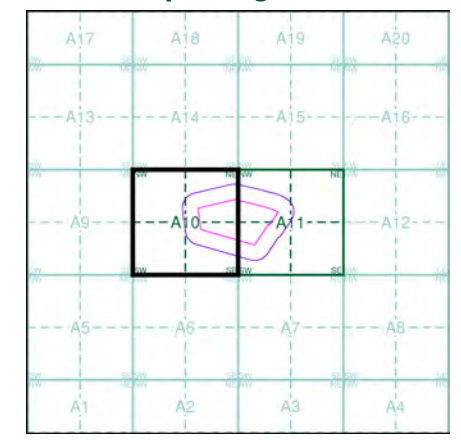
Source map scale - 1:2,500

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 A10



Order Details

Order Number: 293349570_1_1
Customer Ref: 2111006.002
National Grid Reference: 276420, 188660
Slice: A
Site Area (Ha): 9.68
Search Buffer (m): 100

Site Details

Site at 276440, 188700



Additional SIMs

Published 1978

Source map scale - 1:1,250

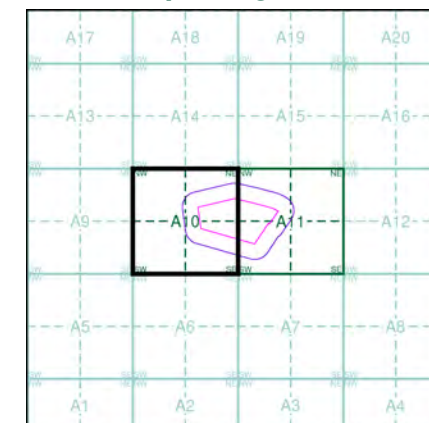
The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps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

Map Name(s) and Date(s)

SS7588NE	SS7688NW
1978	1978
1:1,250	1:1,250

SS7588SE	SS7688SW
1978	1978
1:1,250	1:1,250

Historical Map - Segment A10



Order Details

Order Number:	293349570_1_1
Customer Ref:	2111006.002
National Grid Reference:	276420, 188660
Slice:	A
Site Area (Ha):	9.68
Search Buffer (m):	100

Site Details

Site at 276440, 188700

Landmark
INFORMATION GROUP

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Additional SIMs

Published 1991

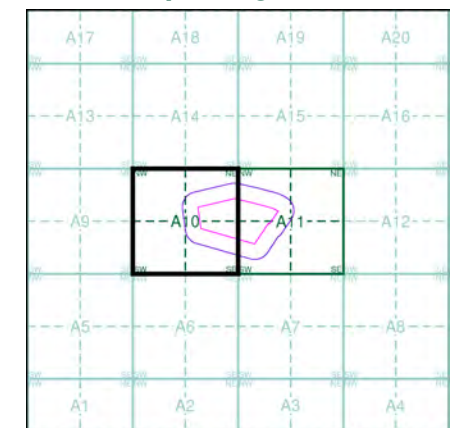
Source map scale - 1:1,250

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)

SS7588NE 1991 1:1,250	SS7688NW 1991 1:1,250
SS7588SE 1991 1:1,250	SS7688SW 1991 1:1,250

Historical Map - Segment A10



Order Details

Order Number: 293349570_1_1
Customer Ref: 2111006.002
National Grid Reference: 276420, 188660
Slice: A
Site Area (Ha): 9.68
Search Buffer (m): 100

Site Details

Site at 276440, 188700



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Large-Scale National Grid Data

Published 1993

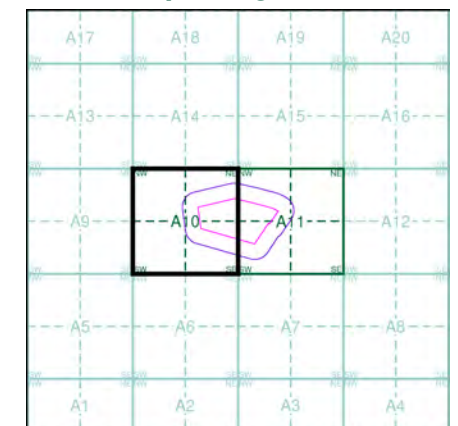
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

SS7588NE 1993 1:1,250	SS7688NW 1993 1:1,250
SS7588SE 1993 1:1,250	SS7688SW 1993 1:1,250

Historical Map - Segment A10



Order Details

Order Number: 293349570_1_1
Customer Ref: 2111006.002
National Grid Reference: 276420, 188660
Slice: A
Site Area (Ha): 9.68
Search Buffer (m): 100

Site Details

Site at 276440, 188700



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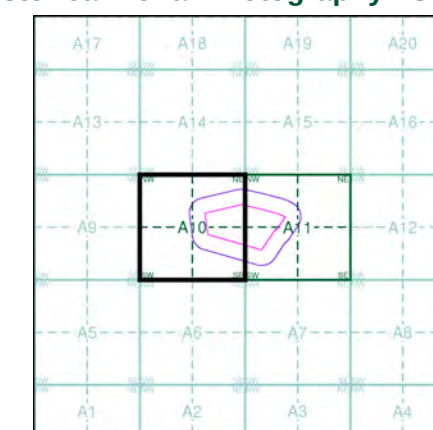


Historical Aerial Photography

Published 2001

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

Historical Aerial Photography - Segment A10



Order Details

Order Number: 293349570_1_1
Customer Ref: 2111006.002
National Grid Reference: 276420, 188660
Slice: A
Site Area (Ha): 9.68
Search Buffer (m): 100

Site Details

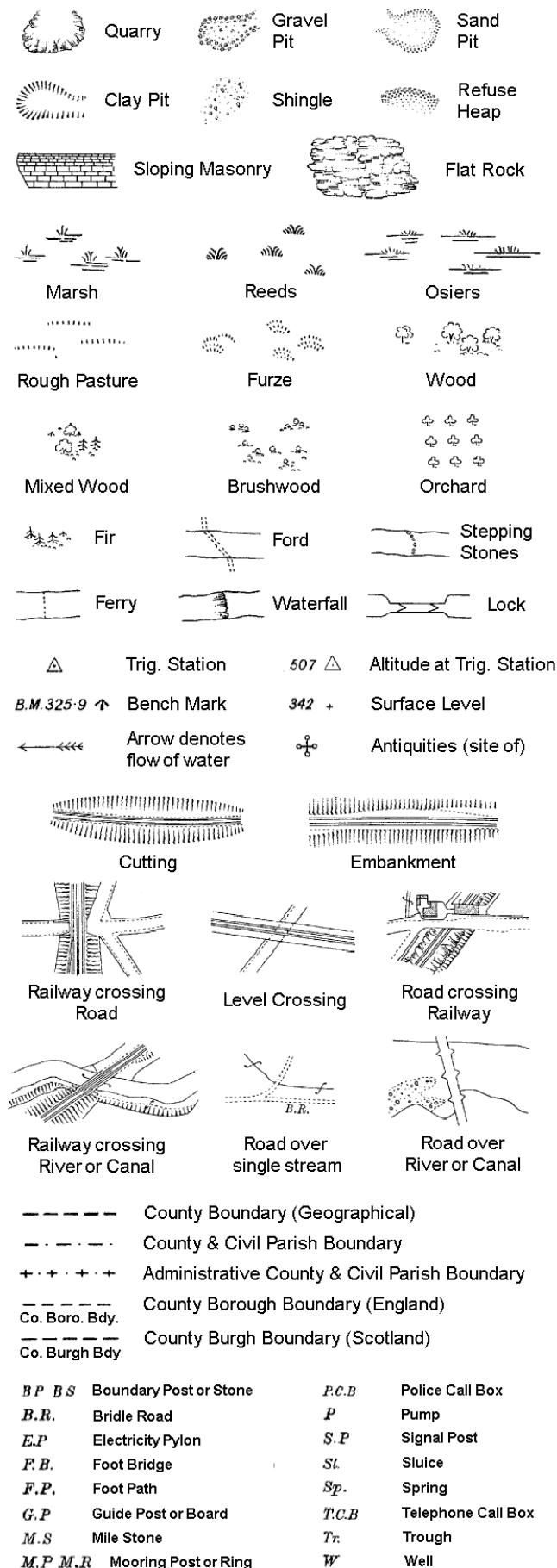
Site at 276440, 188700

Landmark
INFORMATION GROUP

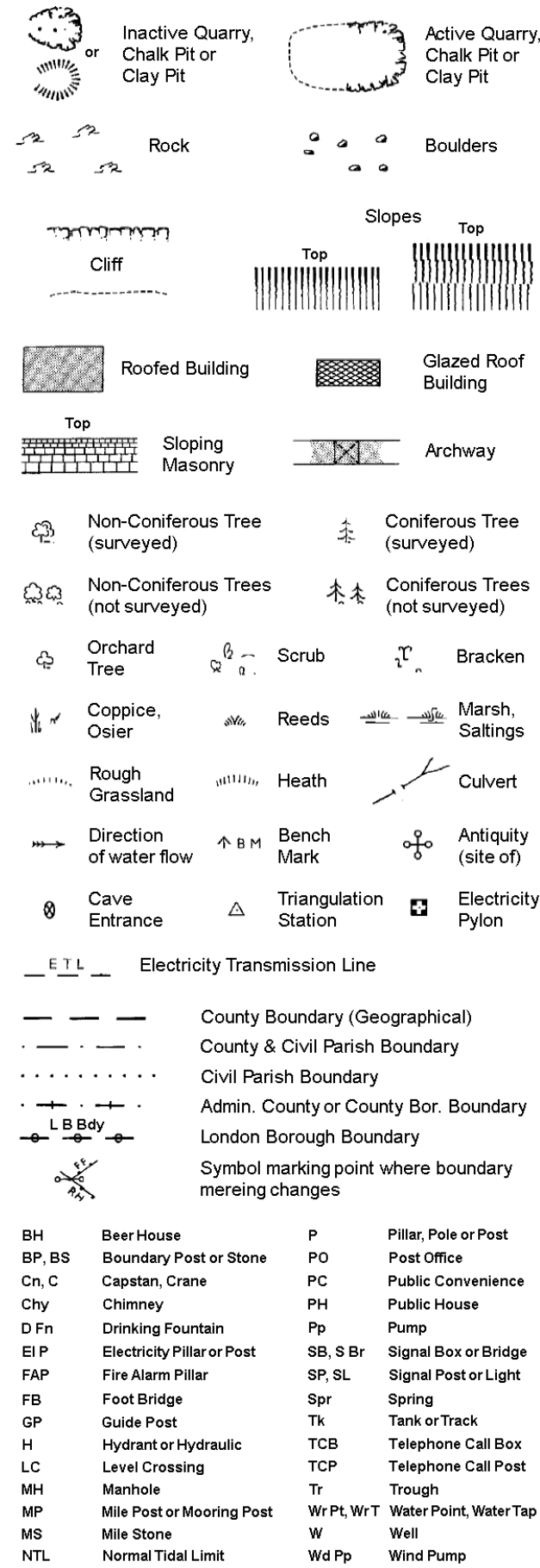
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

Historical Mapping Legends

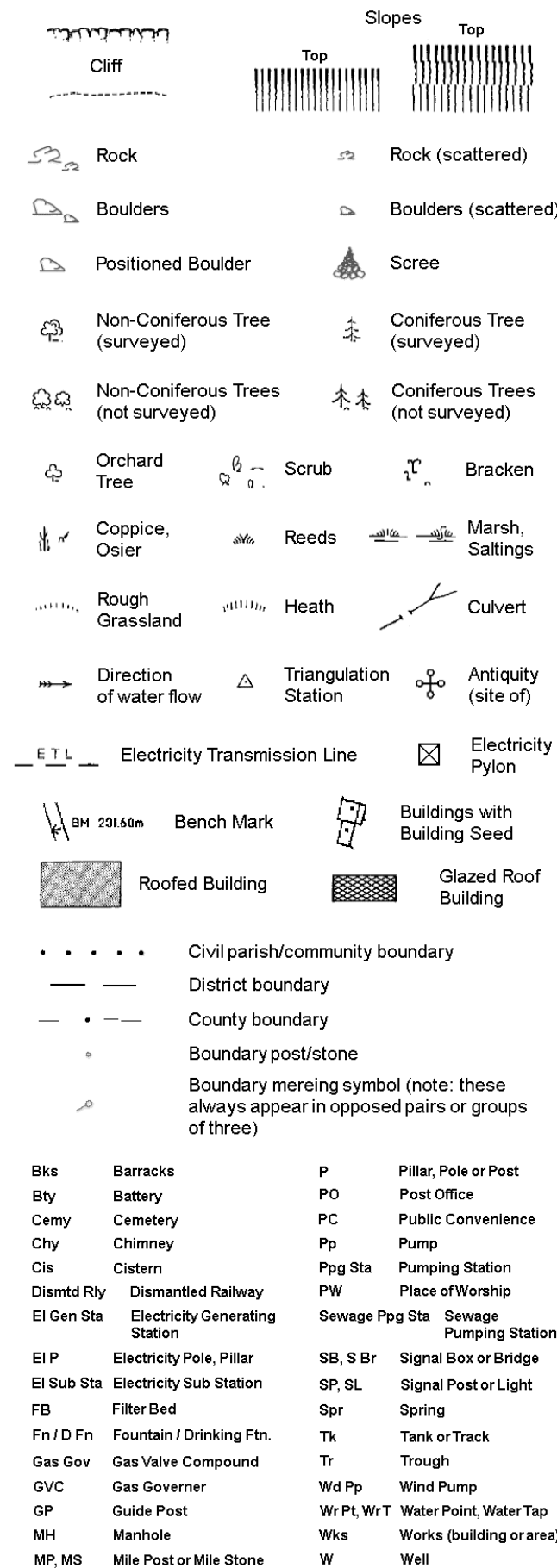
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



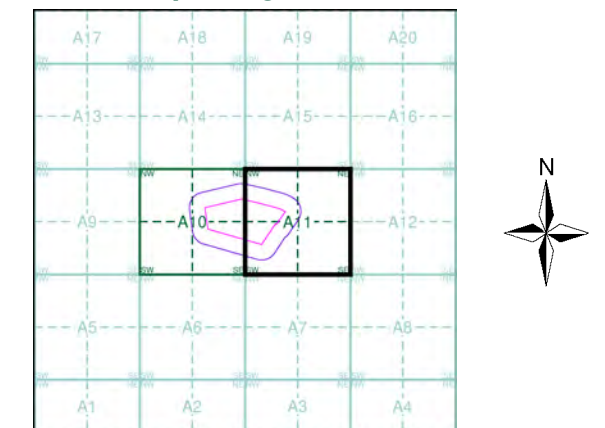
Large-Scale National Grid Data 1:2,500 and 1:1,250



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Glamorganshire	1:2,500	1877	2
Glamorganshire	1:2,500	1899	3
Glamorganshire	1:2,500	1917 - 1919	4
Glamorganshire	1:2,500	1940	5
Ordnance Survey Plan	1:1,250	1952 - 1953	6
Ordnance Survey Plan	1:2,500	1953 - 1954	7
Ordnance Survey Plan	1:1,250	1960 - 1968	8
Ordnance Survey Plan	1:2,500	1964	9
Ordnance Survey Plan	1:1,250	1968 - 1970	10
Ordnance Survey Plan	1:2,500	1969	11
Additional SIMs	1:1,250	1978 - 1991	12
Additional SIMs	1:1,250	1991	13
Large-Scale National Grid Data	1:1,250	1993	14
Large-Scale National Grid Data	1:1,250	1995	15
Historical Aerial Photography	1:2,500	2001	16

Historical Map - Segment A11



Order Details

Order Number: 293349570_1_1
Customer Ref: 2111006.002
National Grid Reference: 276420, 188660
Slice: A
Site Area (Ha): 9.68
Search Buffer (m): 100

Site Details

Site at 276440, 188700

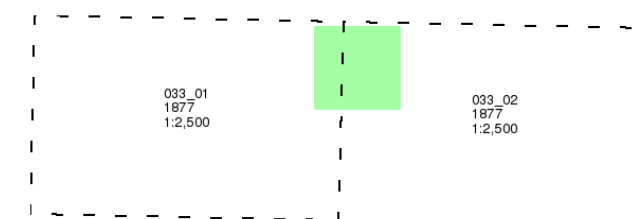


Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

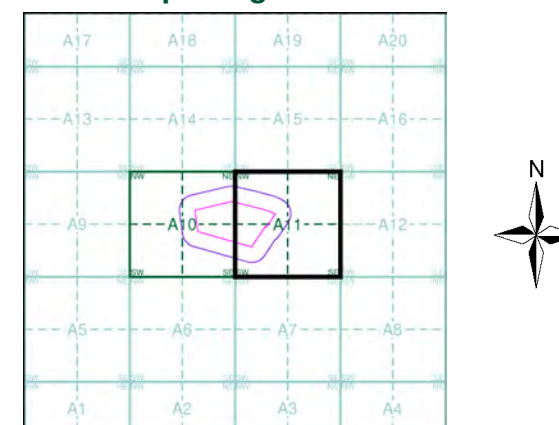


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)



Historical Map - Segment A11



Order Details

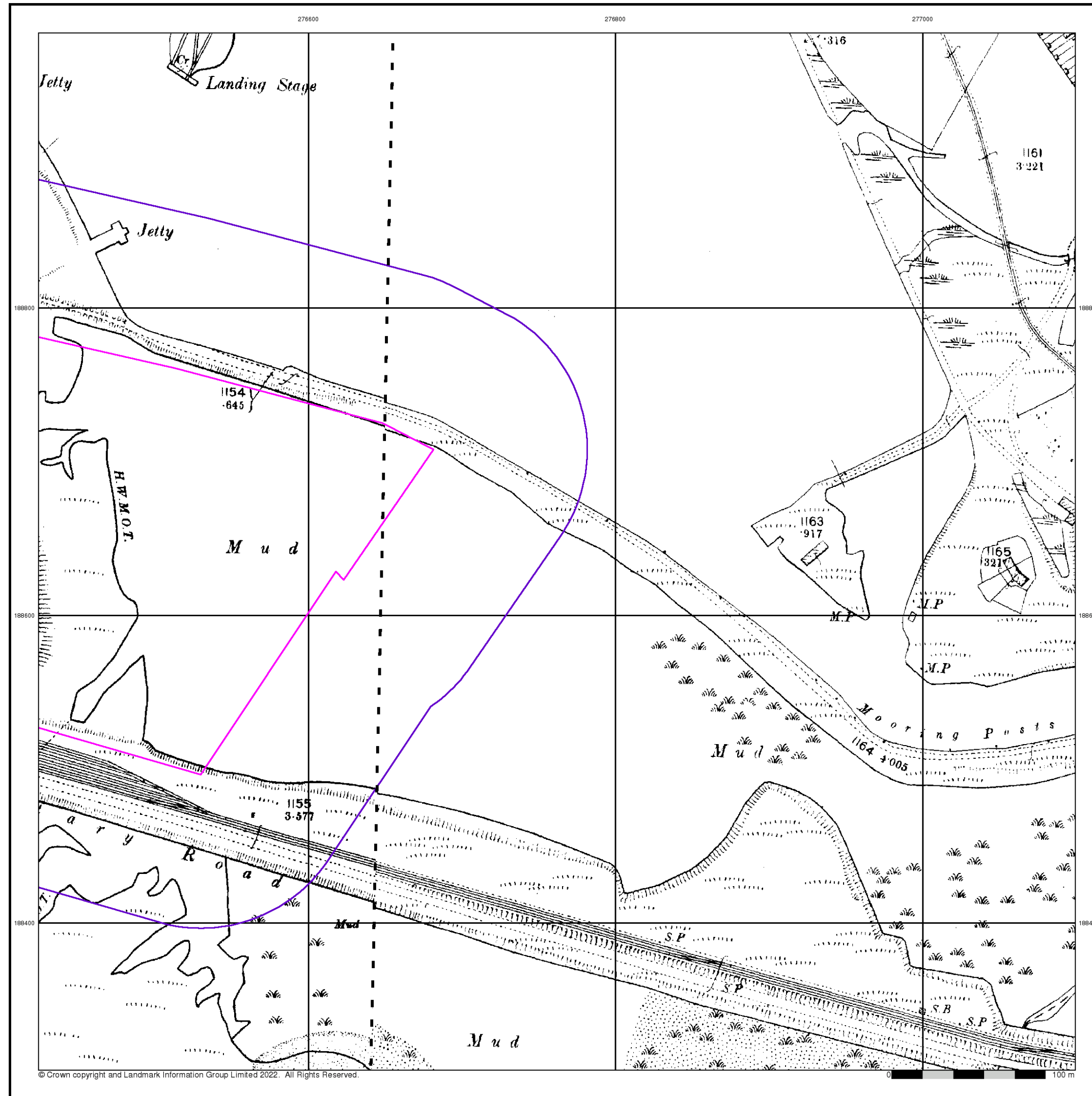
Order Number: 293349570_1_1
Customer Ref: 2111006.002
National Grid Reference: 276420, 188660
Slice: A
Site Area (Ha): 9.68
Search Buffer (m): 100

Site Details

Site at 276440, 188700

Landmark
INFORMATION GROUP

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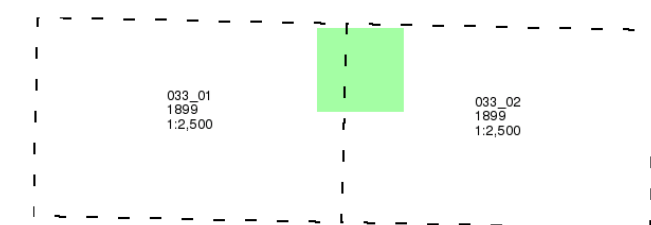
Glamorganshire

Published 1899

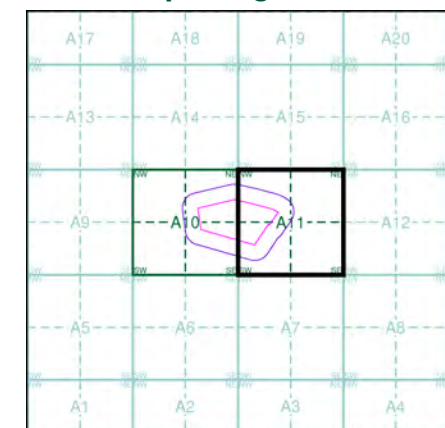
Source map scale - 1:2,500

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)



Historical Map - Segment A11



Order Details

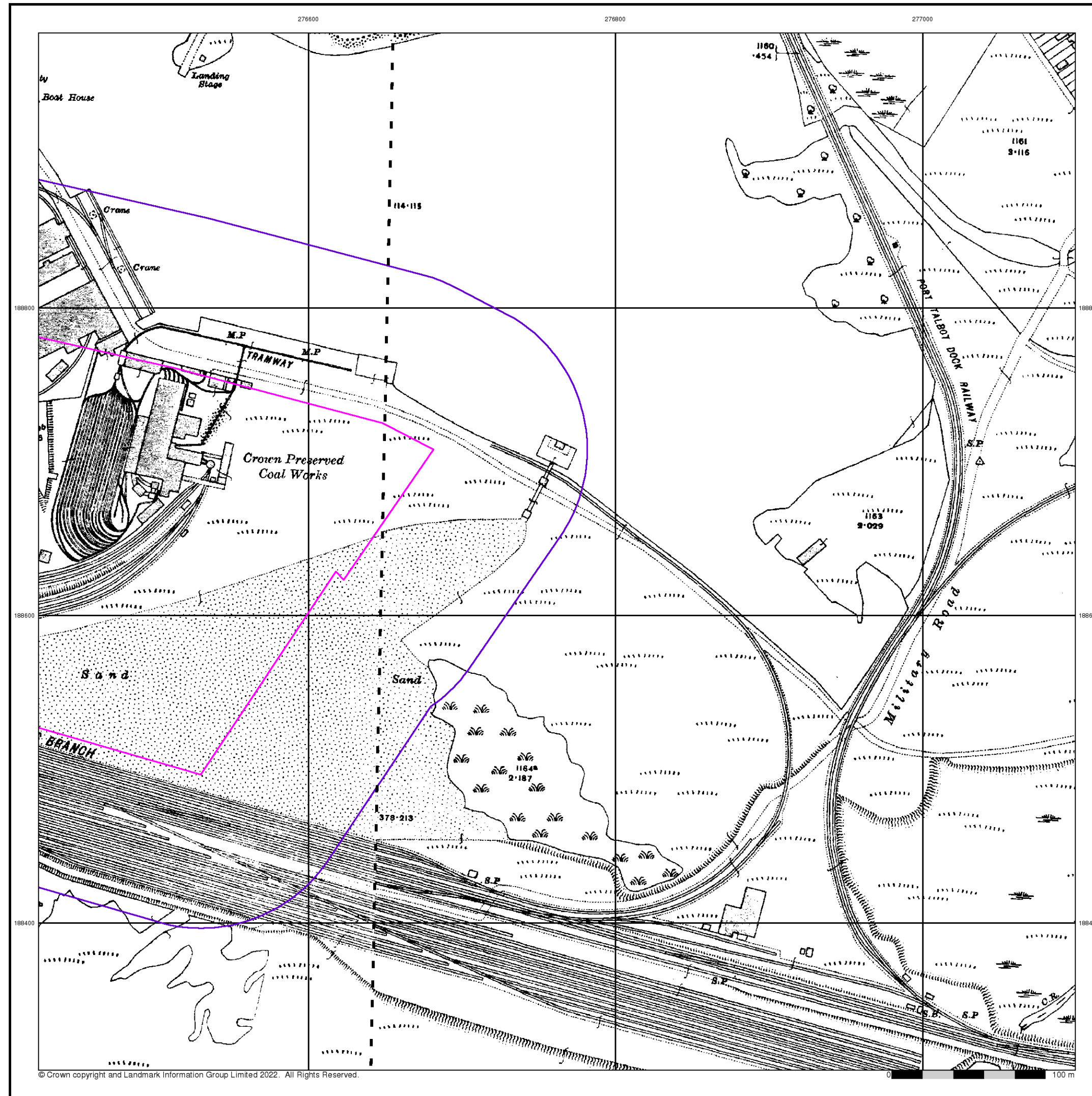
Order Number: 293349570_1_1
Customer Ref: 2111006.002
National Grid Reference: 276420, 188660
Slice: A
Site Area (Ha): 9.68
Search Buffer (m): 100

Site Details

Site at 276440, 188700



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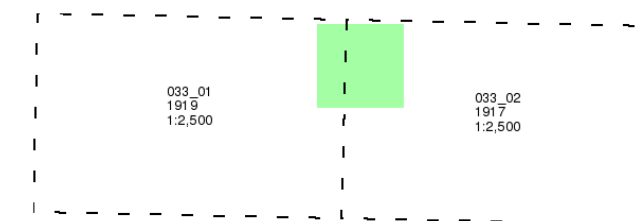
Glamorganshire

Published 1917 - 1919

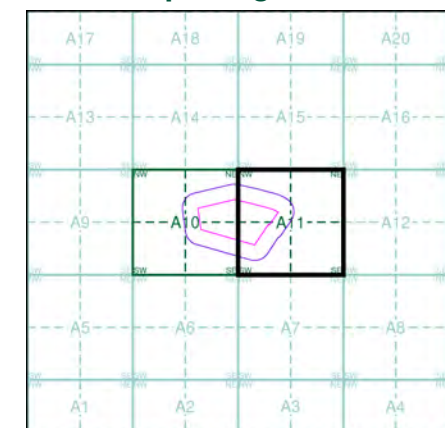
Source map scale - 1:2,500

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)



Historical Map - Segment A11



Order Details

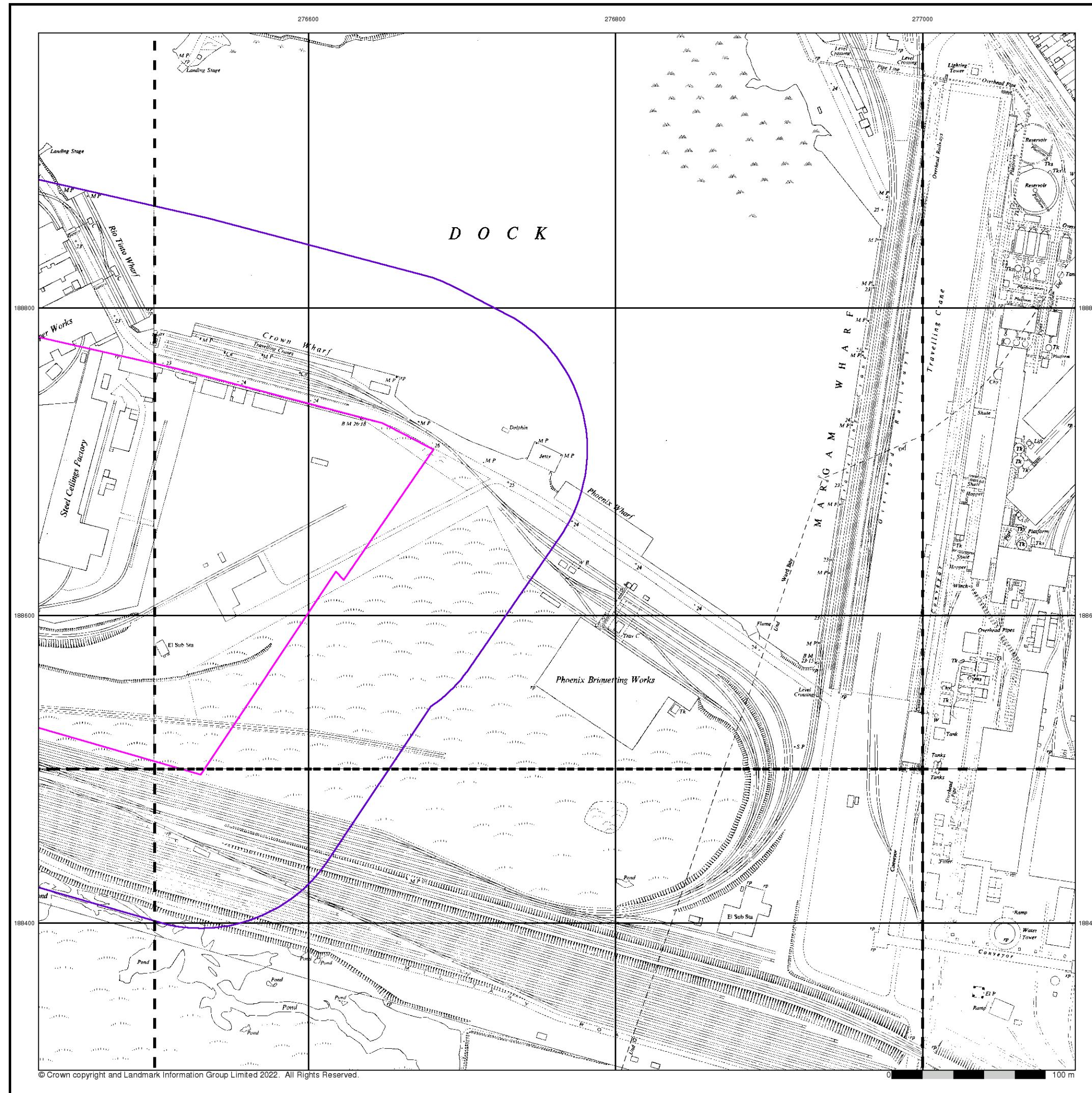
Order Number: 293349570_1_1
Customer Ref: 2111006.002
National Grid Reference: 276420, 188660
Slice: A
Site Area (Ha): 9.68
Search Buffer (m): 100

Site Details

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Ordnance Survey Plan

Published 1952 - 1953

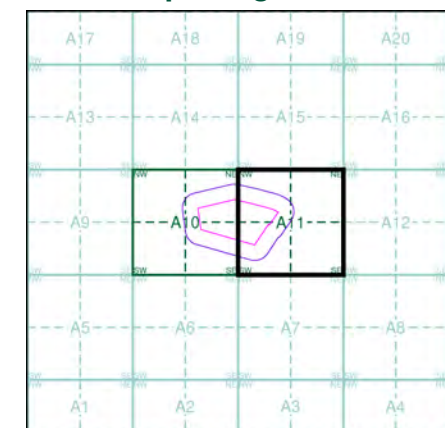
Source map scale - 1:1,250

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)

SS7688NW 1952 1:1,250	SS7688NE 1952 1:1,250	SS7788NW 1953 1:1,250
SS7688SW 1952 1:1,250	SS7688SE 1952 1:1,250	SS7788SW 1953 1:1,250

Historical Map - Segment A11



Order Details

Order Number: 293349570_1_1
Customer Ref: 2111006.002
National Grid Reference: 276420, 188660
Slice: A
Site Area (Ha): 9.68
Search Buffer (m): 100

Site Details

Site at 276440, 188700



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Ordnance Survey Plan

Published 1953 - 1954

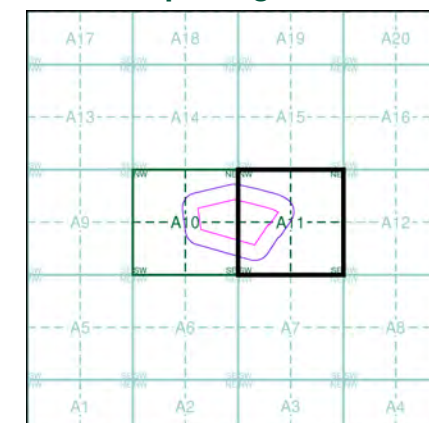
Source map scale - 1:2,500

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)

SS7688 1953 1:2,500	SS7788 1954 1:2,500
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Historical Map - Segment A11



Order Details

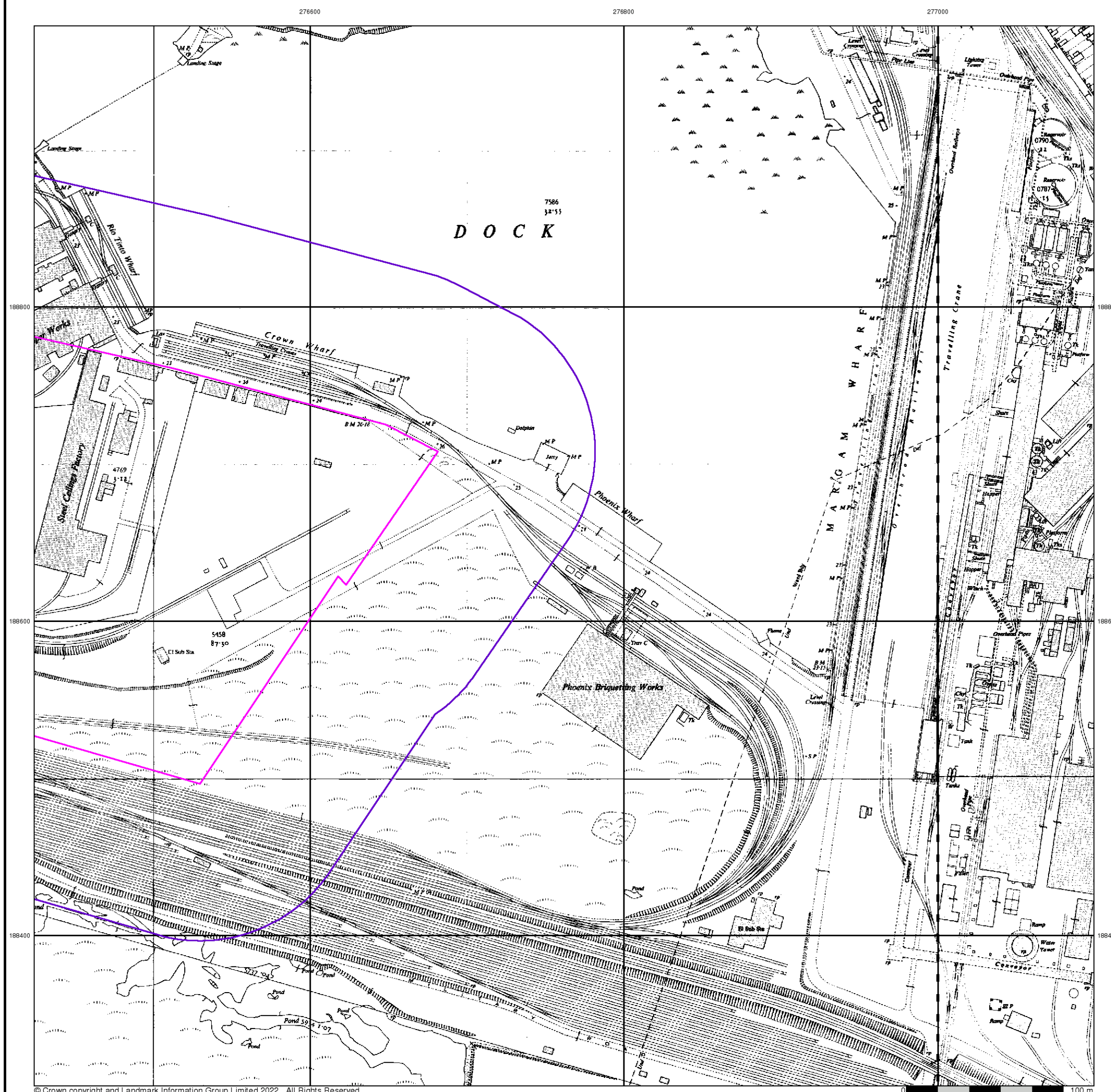
Order Number: 293349570_1_1
Customer Ref: 2111006.002
National Grid Reference: 276420, 188660
Slice: A
Site Area (Ha): 9.68
Search Buffer (m): 100

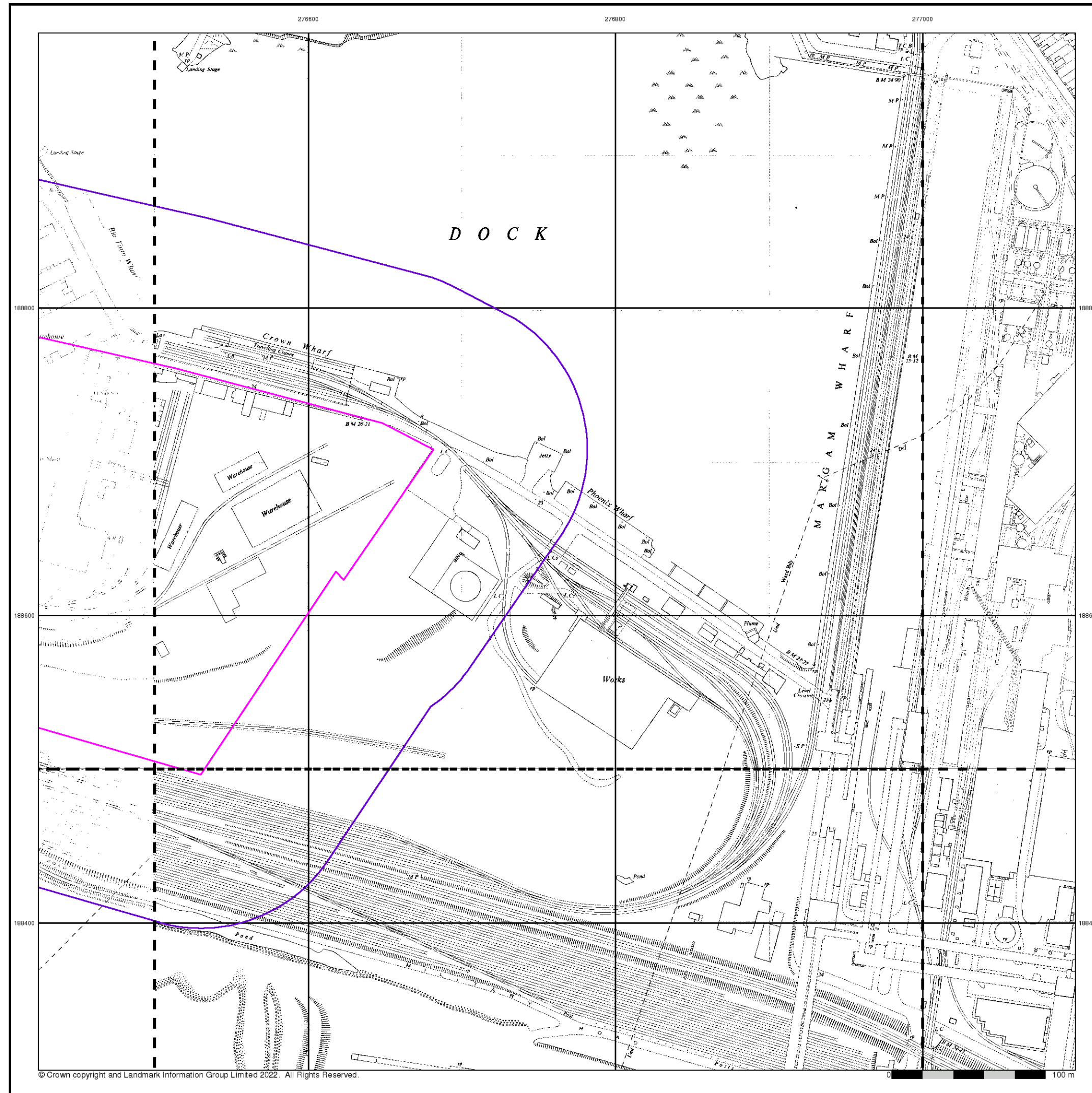
Site Details

Site at 276440, 188700

Landmark
INFORMATION GROUP

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Ordnance Survey Plan

Published 1960 - 1968

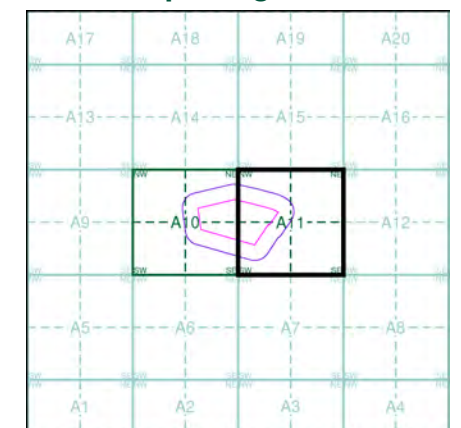
Source map scale - 1:1,250

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)

SS7688NW 1968 1:1,250	SS7688NE 1961 1:1,250	SS7788NW 1960 1:1,250
SS7688SW 1968 1:1,250	SS7688SE 1961 1:1,250	SS7788SW 1961 1:1,250

Historical Map - Segment A11



Order Details

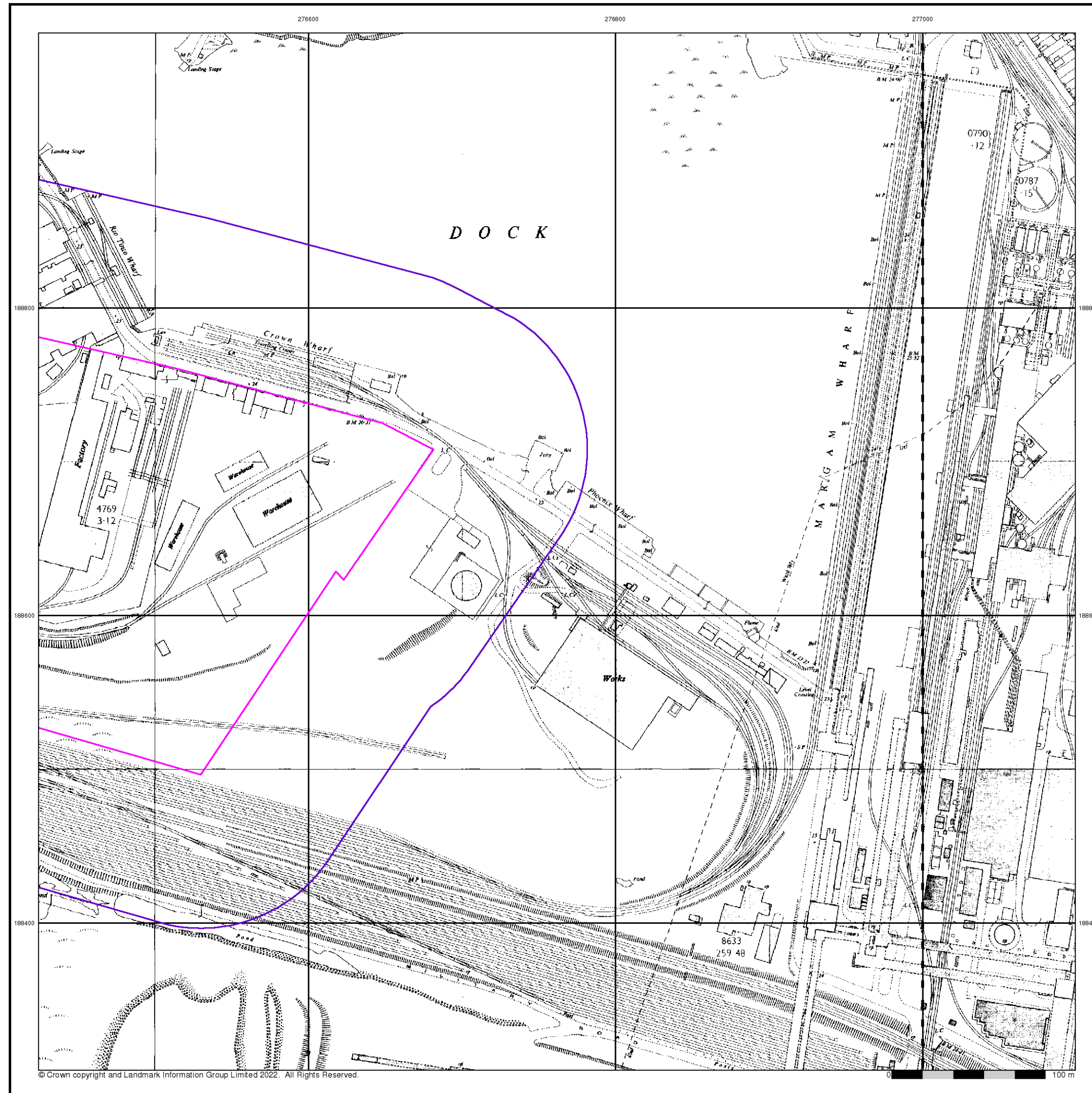
Order Number: 293349570_1_1
Customer Ref: 2111006.002
National Grid Reference: 276420, 188660
Slice: A
Site Area (Ha): 9.68
Search Buffer (m): 100

Site Details

Site at 276440, 188700



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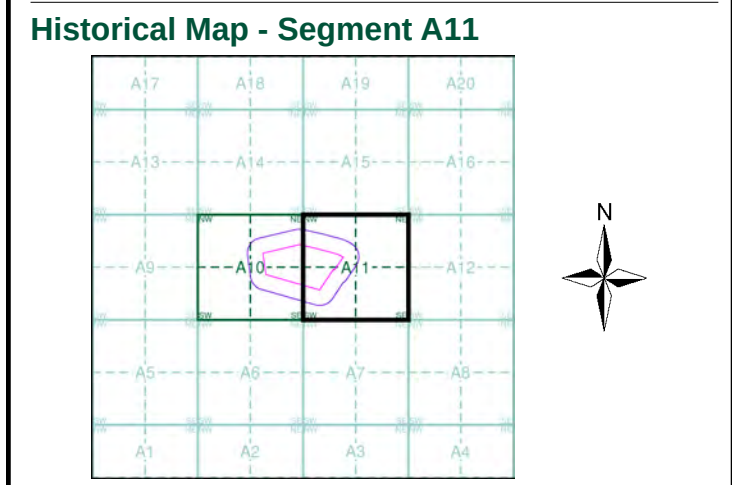
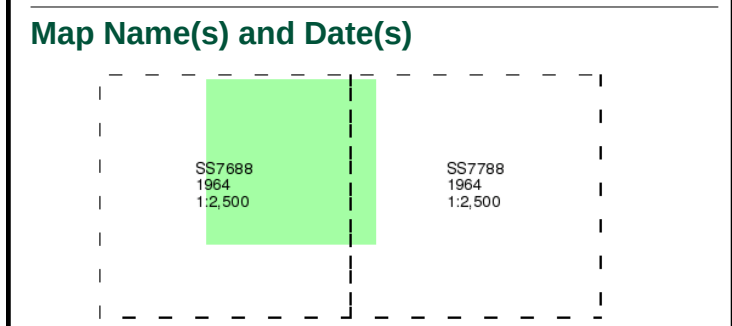


Ordnance Survey Plan

Published 1964

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.



Order Details

Order Number: 293349570_1_1
Customer Ref: 2111006.002
National Grid Reference: 276420, 188660
Slice: A
Site Area (Ha): 9.68
Search Buffer (m): 100

Site Details

Site at 276440, 188700

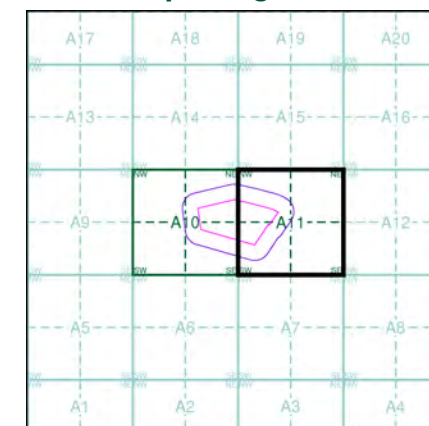


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

SS7688NE 1968 1:1,250	SS7788NV 1968 1:1,250
SS7688SE 1968 1:1,250	SS7788SV 1970 1:1,250

Historical Map - Segment A11



Order Details

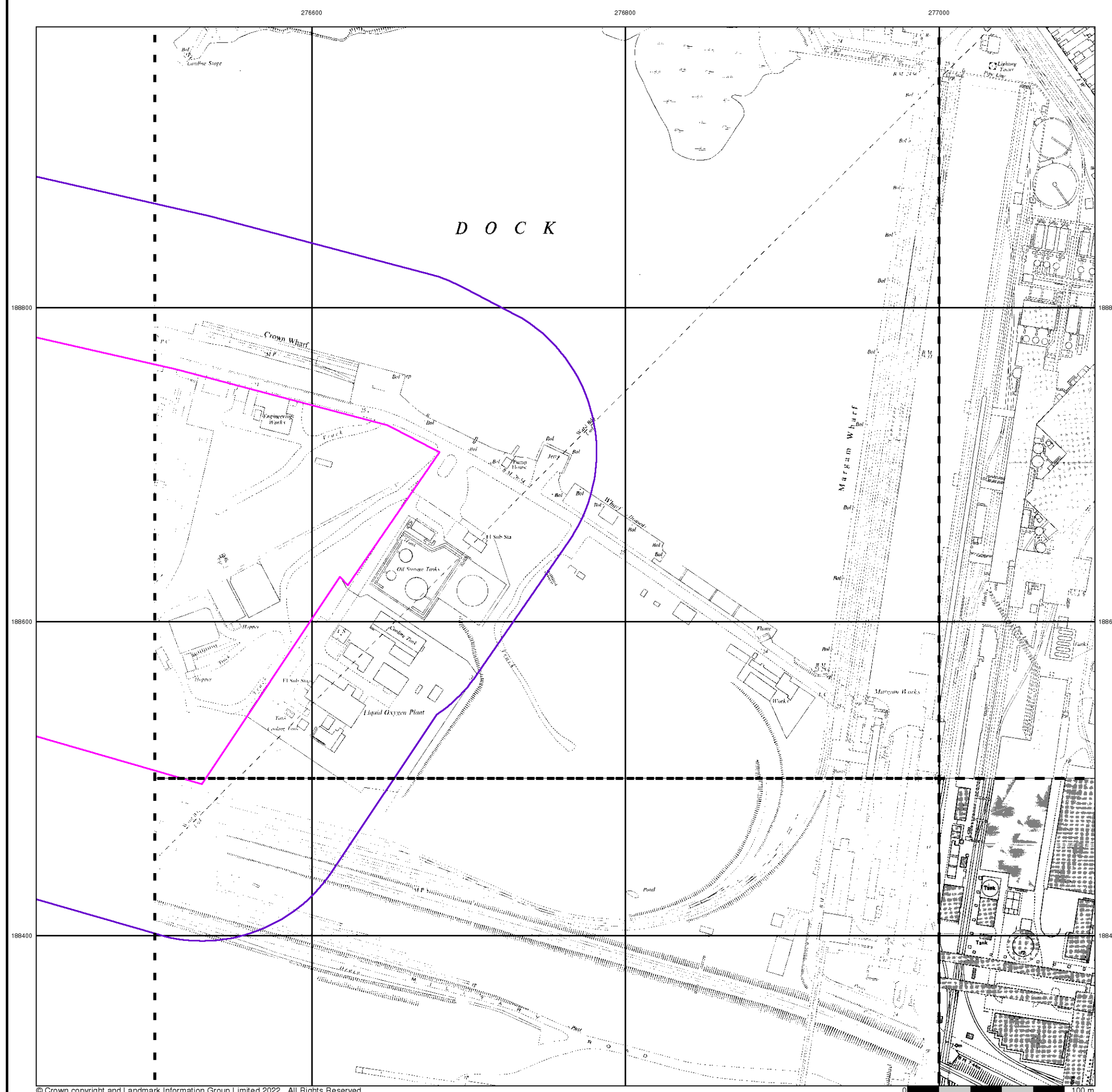
Order Number: 293349570_1_1
Customer Ref: 2111006.002
National Grid Reference: 276420, 188660
Slice: A
Site Area (Ha): 9.68
Search Buffer (m): 100

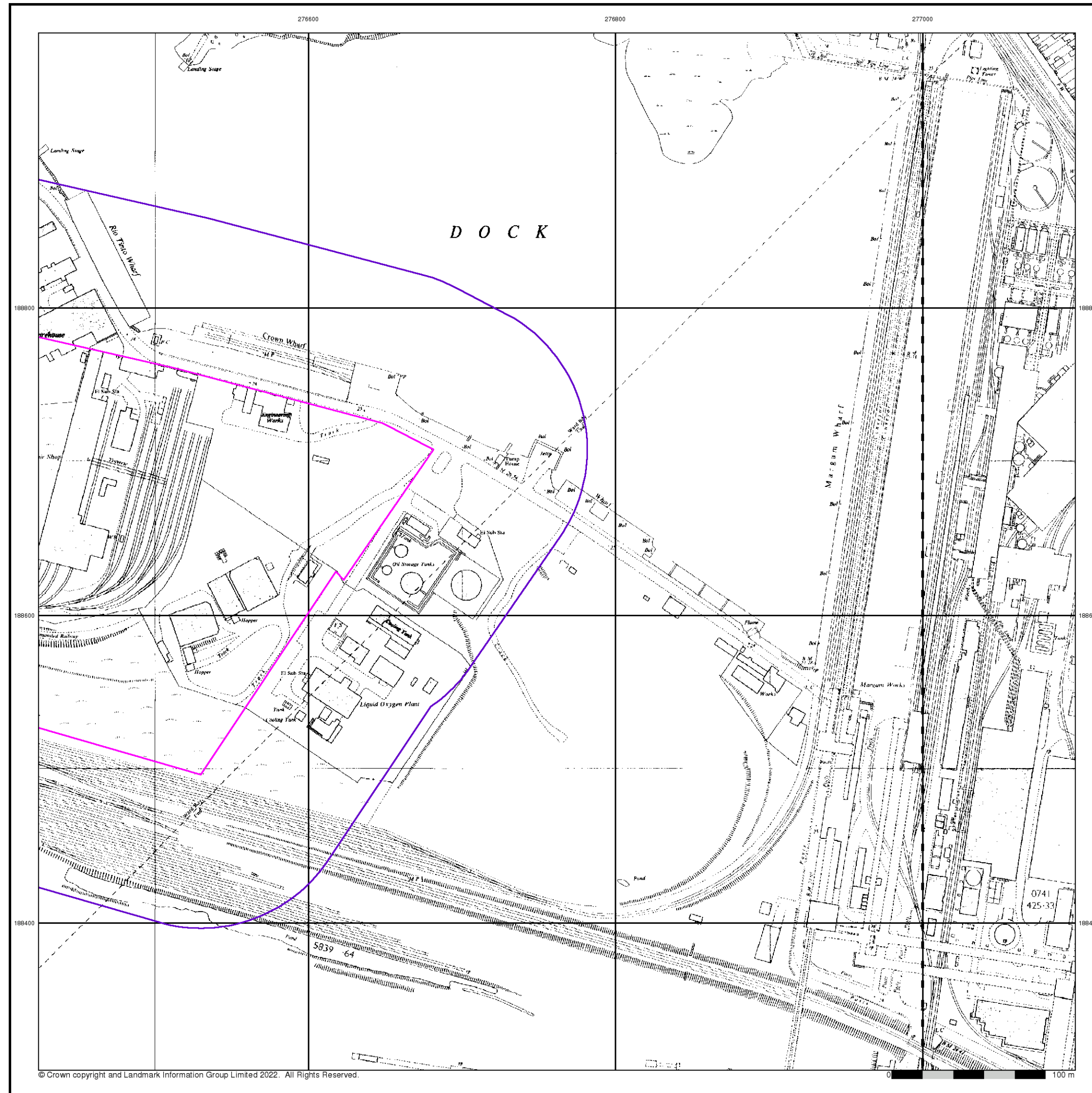
Site Details

Site at 276440, 188700

Landmark
INFORMATION GROUP

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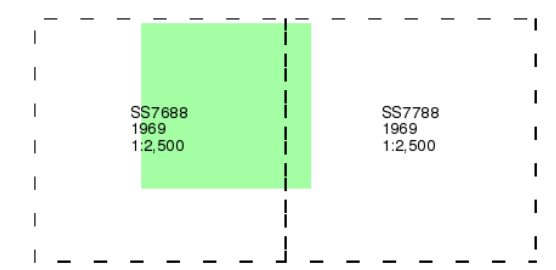
Ordnance Survey Plan

Published 1969

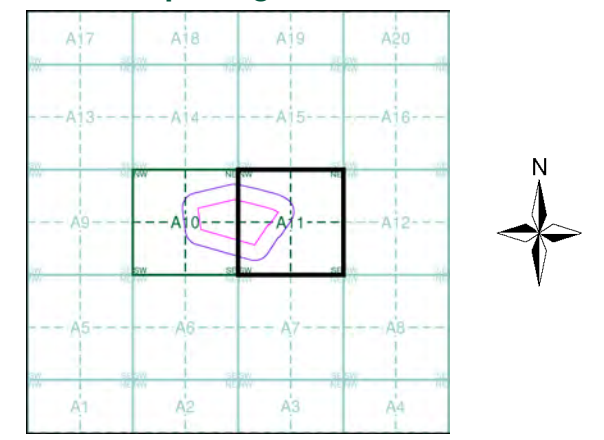
Source map scale - 1:2,500

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 A11



Order Details

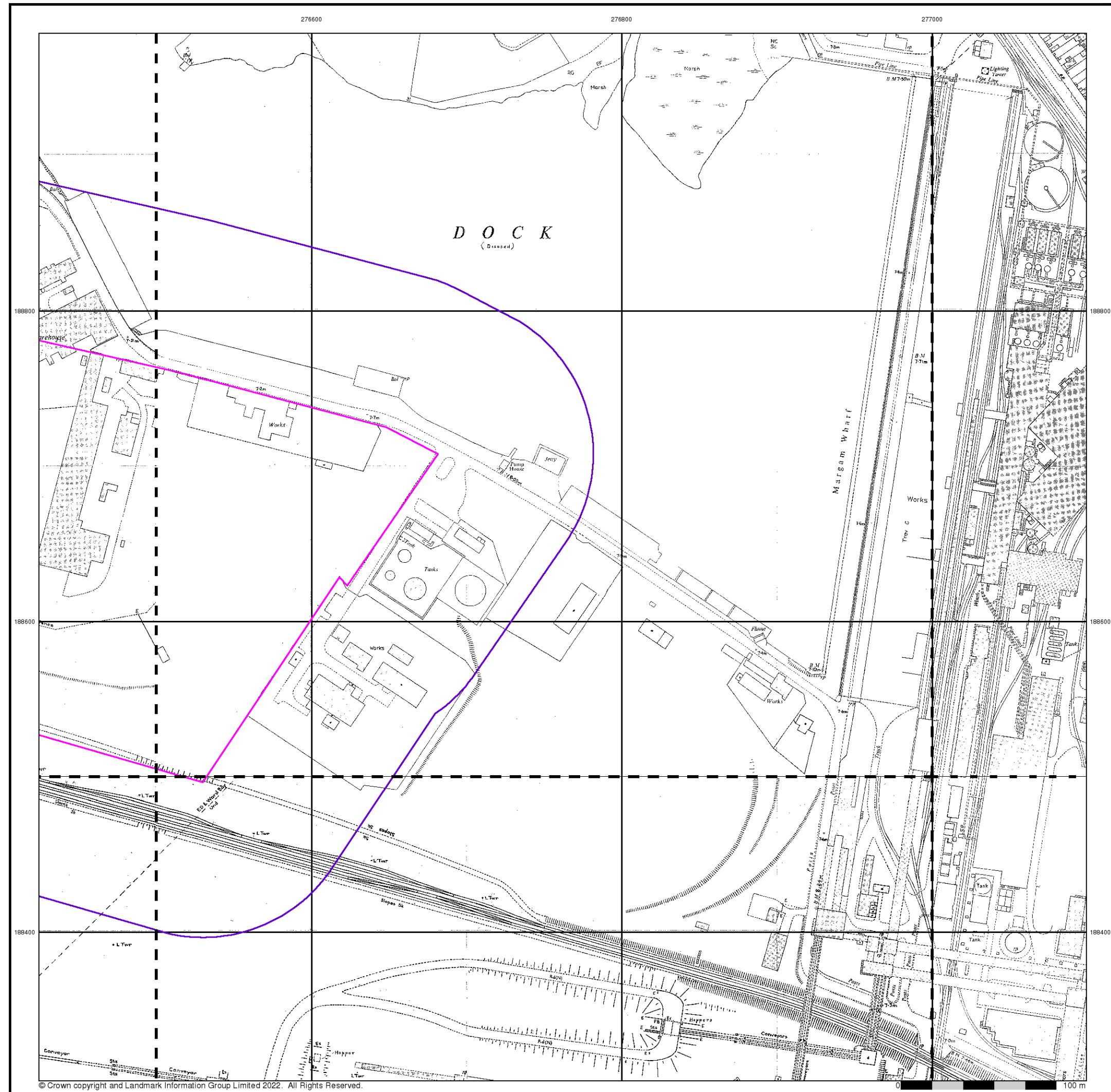
Order Number: 293349570_1_1
Customer Ref: 2111006.002
National Grid Reference: 276420, 188660
Slice: A
Site Area (Ha): 9.68
Search Buffer (m): 100

Site Details

Site at 276440, 188700



Tel: 0844 844 9952
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Additional SIMs

Published 1978 - 1991

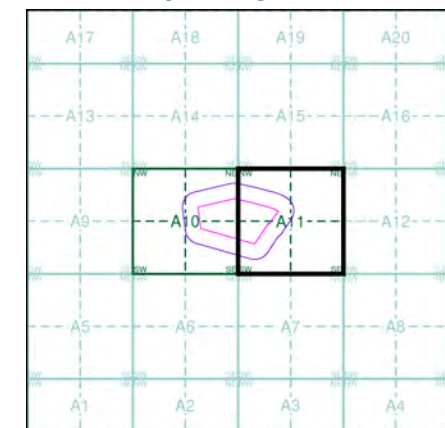
Source map scale - 1:1,250

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)

SS7688NW 1978 1:1,250	SS7688NE 1991 1:1,250	SS7788NW 1989 1:1,250
SS7688SW 1978 1:1,250	SS7688SE 1978 1:1,250	SS7788SW 1989 1:1,250

Historical Map - Segment A11



Order Details

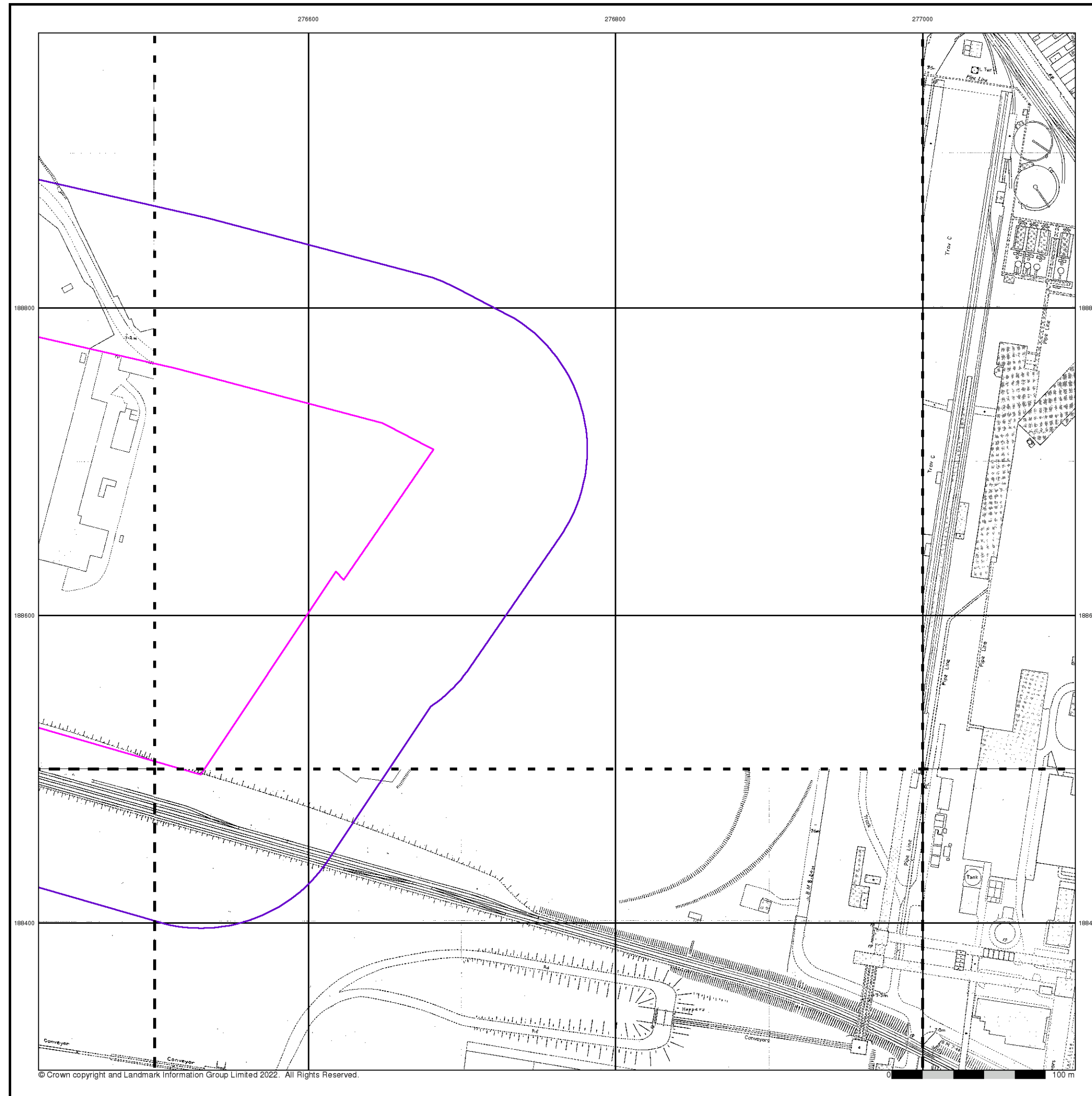
Order Number: 293349570_1_1
Customer Ref: 2111006.002
National Grid Reference: 276420, 188660
Slice: A
Site Area (Ha): 9.68
Search Buffer (m): 100

Site Details

Site at 276440, 188700



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Additional SIMs

Published 1991

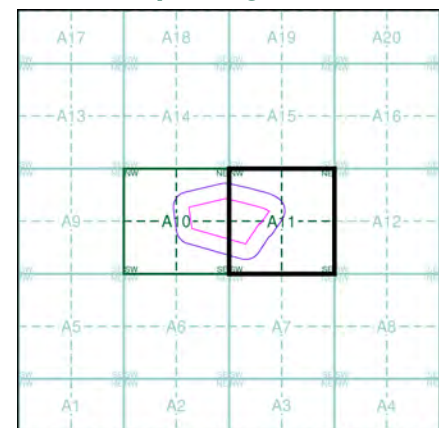
Source map scale - 1:1,250

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)

SS7688NW		SS7788NW
1991		1991
1:1,250		1:1,250
SS7688SW	SS7688SE	SS7788SW
1991	1991	1991
1:1,250	1:1,250	1:1,250

Historical Map - Segment A11



Order Details

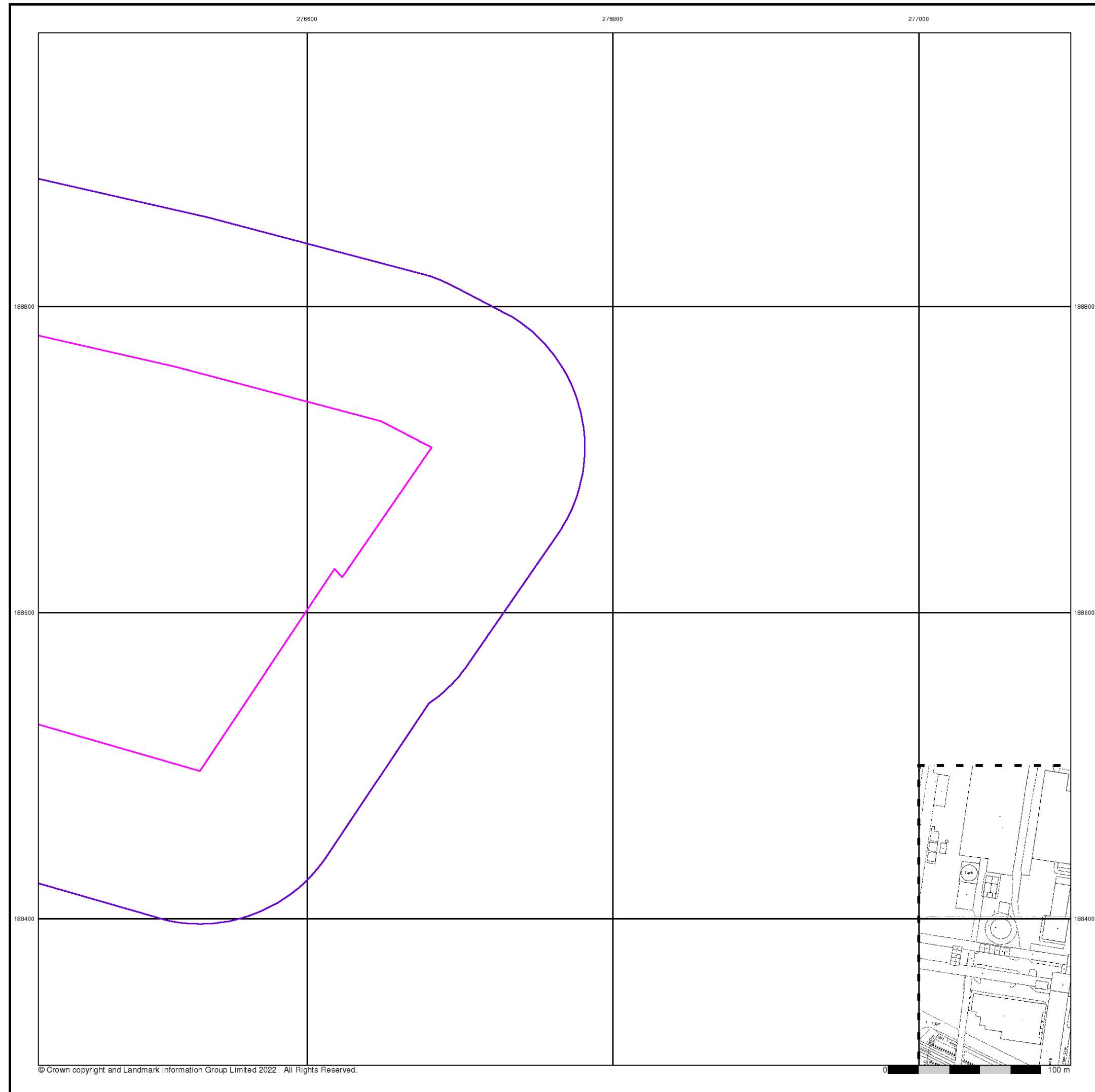
Order Number: 293349570_1_1
Customer Ref: 2111006.002
National Grid Reference: 276420, 188660
Slice: A
Site Area (Ha): 9.68
Search Buffer (m): 100

Site Details

Site at 276440, 188700



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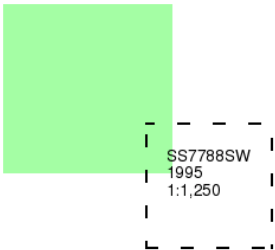
Large-Scale National Grid Data

Published 1995

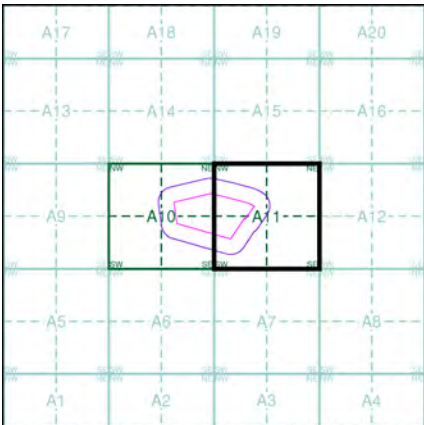
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A11



Order Details

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Customer Ref: 2111006.002
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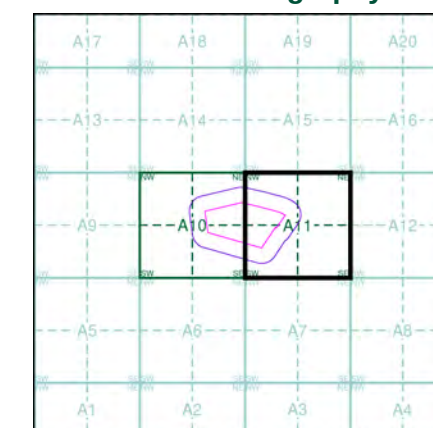


Historical Aerial Photography

Published 2001

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

Historical Aerial Photography - Segment A11



Order Details

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Historical Mapping Legends

Ordnance Survey County Series 1:10,560

	Gravel Pit		Sand Pit		Other Pits
	Quarry		Shingle		Orchard
	Osiers		Reeds		Marsh
	Mixed Wood		Deciduous		Brushwood
	Fir		Furze		Rough Pasture
	Arrow denotes flow of water		Trigonometrical Station		
	Site of Antiquities		Bench Mark		
	Pump, Guide Post, Signal Post		Well, Spring, Boundary Post		
	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
	Bracken		Heath
	Marsh		Reeds
	Building		Glasshouse
	Sloping Masonry		Pylon
	Cutting		Embankment
	Road Under		Road Over
	Level Crossing		Foot Bridge
	Standard Gauge Multiple Track		Standard Gauge Single Track
	Siding, Tramway or Mineral Line		Narrow Gauge
	Geographical County		Administrative County, County Borough or County of City
	Municipal Borough, Urban or Rural District, Burgh or District Council		Borough, Burgh or County Constituency
	Civil Parish		
	Boundary Post or Stone		Police Station
	Church		Post Office
	Club House		Public Convenience
	Fire Engine Station		Public House
	Foot Bridge		Signal Box
	Fountain		Spring
	Guide Post		Telephone Call Box
	Mile Post		Telephone Call Post
	Mile Stone		Well

1:10,000 Raster Mapping

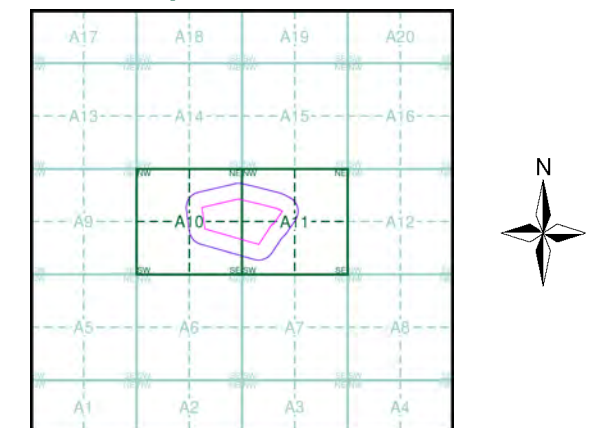
	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil, 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
	Mean high water (springs)		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 - 1885	2
Glamorganshire	1:10,560	1900	3
Glamorganshire	1:10,560	1921	4
Glamorganshire	1:10,560	1938 - 1952	5
Historical Aerial Photography	1:10,560	1949	6
Glamorganshire	1:10,560	1951	7
Ordnance Survey Plan	1:10,000	1965	8
Ordnance Survey Plan	1:10,000	1982	9
Ordnance Survey Plan	1:10,000	1993	10
10K Raster Mapping	1:10,000	1999	11
10K Raster Mapping	1:10,000	2006	12
VectorMap Local	1:10,000	2021	13

Historical Map - Slice A



Order Details

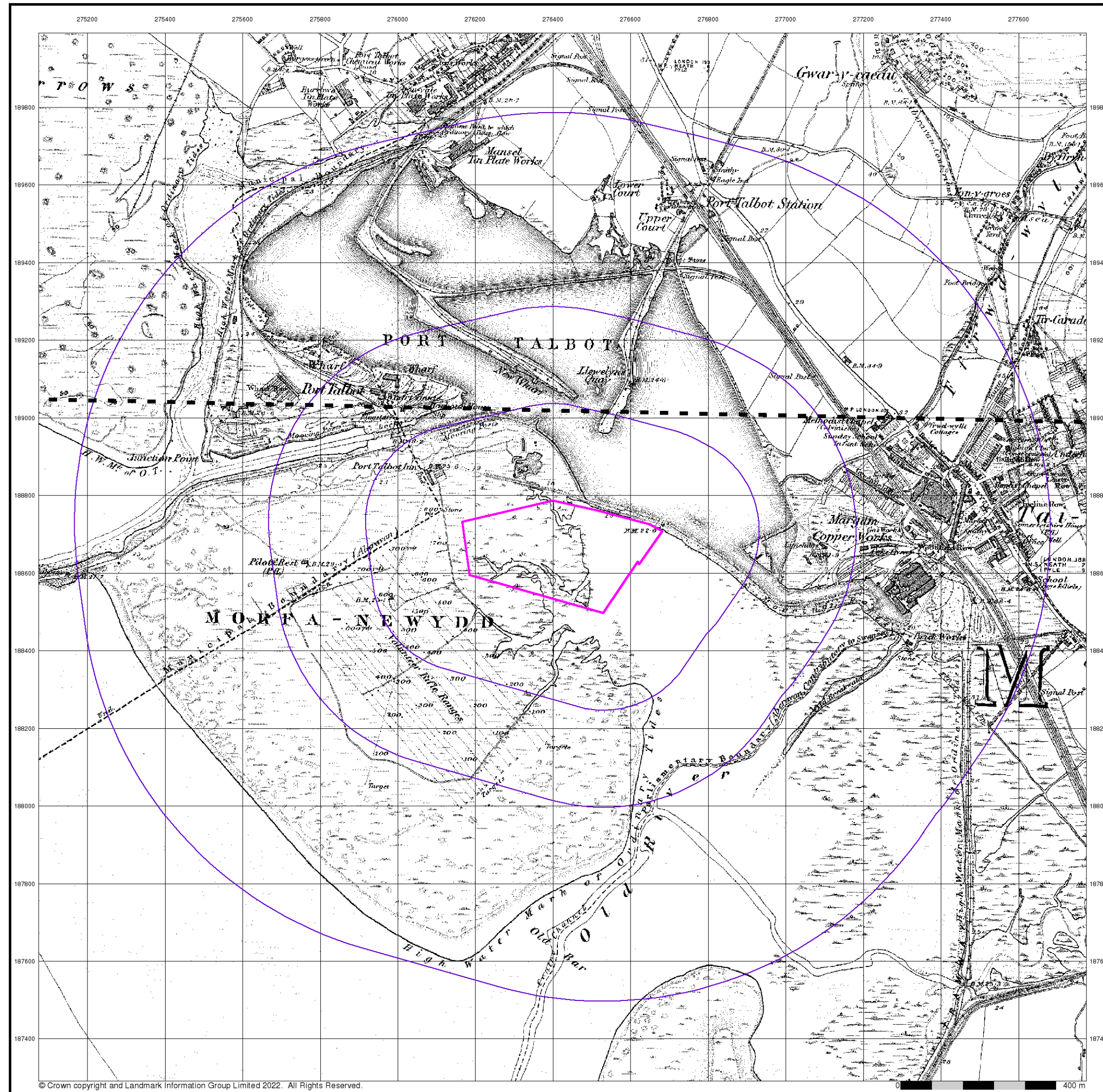
Order Number: 293349570_1_1
 Customer Ref: 2111006.002
 National Grid Reference: 276420, 188660
 Slice: A
 Site Area (Ha): 9.68
 Search Buffer (m): 1000

Site Details

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Glamorganshire

Published 1884 - 1885

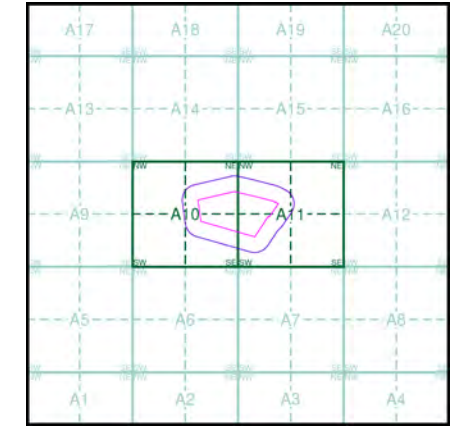
Source map scale - 1:10,560

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)

02500
1884
1:10,560
03300
1885
1:10,560

Historical Map - Slice A



Order Details

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Glamorganshire

Published 1900

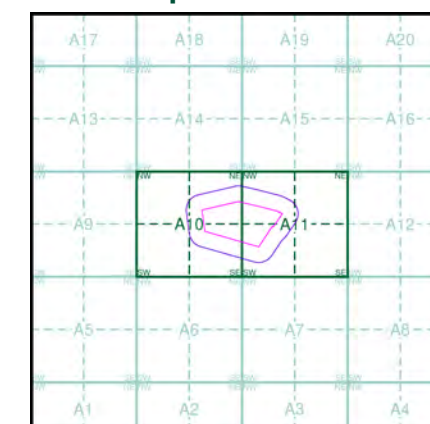
Source map scale - 1:10,560

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)

025SW
1900
1:10,560
033NW
1900
1:10,560

Historical Map - Slice A



Order Details

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Glamorganshire

Published 1921

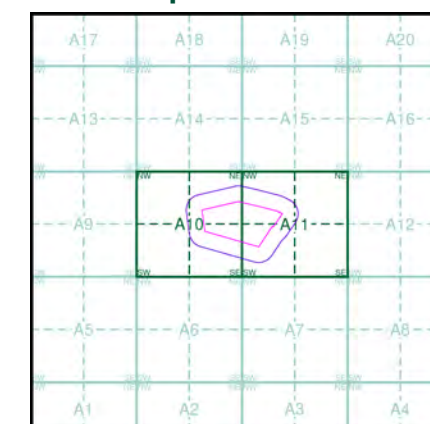
Source map scale - 1:10,560

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)

025SW
1921
1:10,560
033NW
1921
1:10,560

Historical Map - Slice A



Order Details

Order Number: 293349570_1_1
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Glamorganshire

Published 1938 - 1952

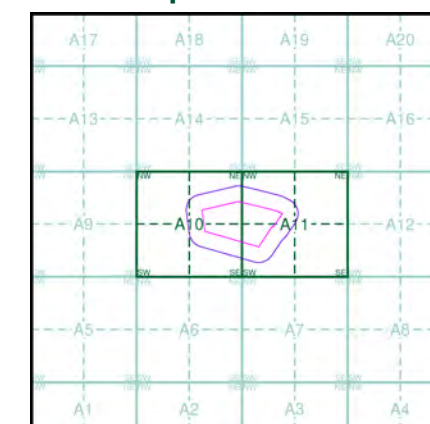
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

025SW
1952
1:10,560
033NW
1938
1:10,560

Historical Map - Slice A



Order Details

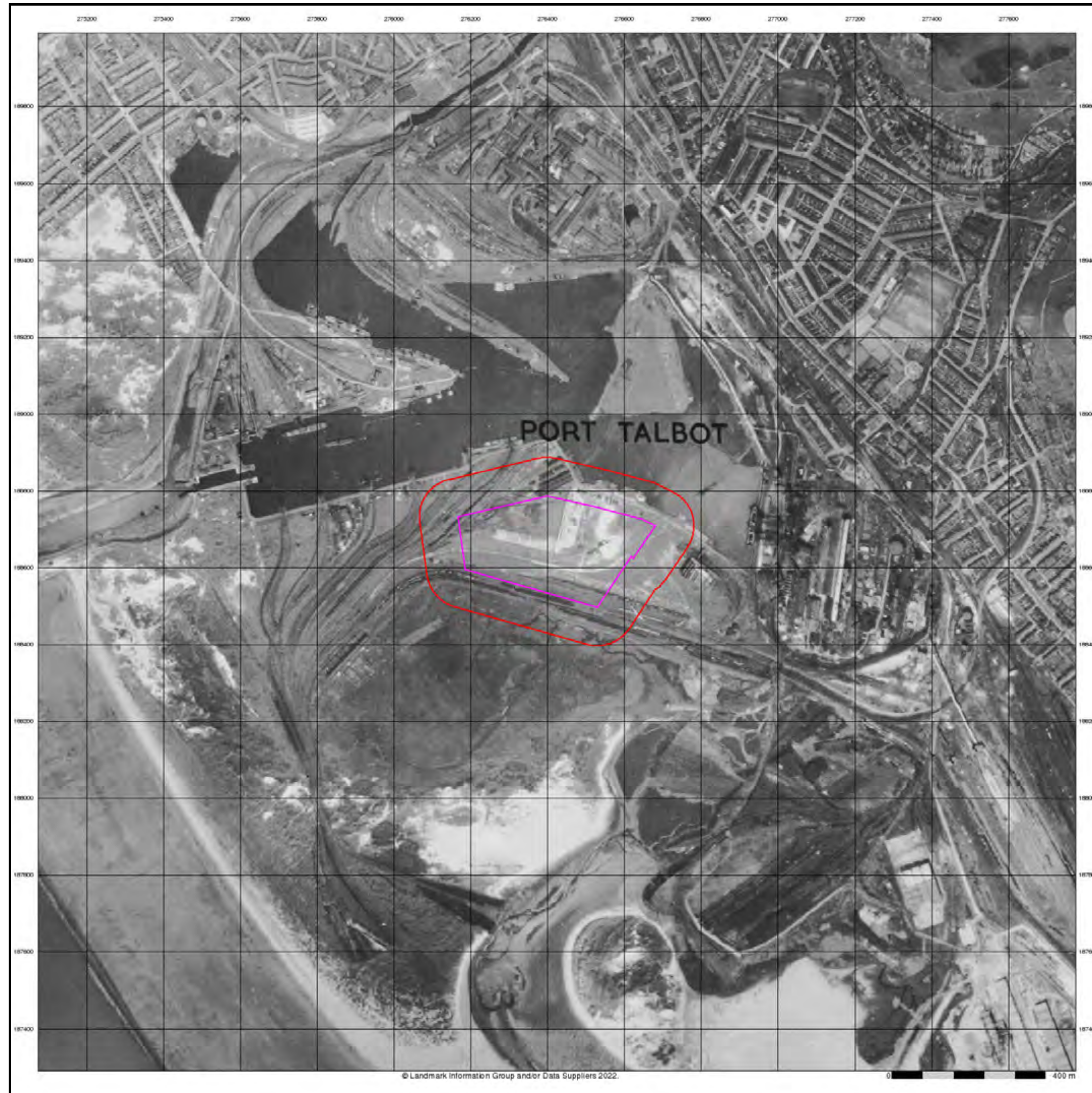
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Customer Ref: 2111006.002
National Grid Reference: 276420, 188660
Slice: A
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Historical Aerial Photography

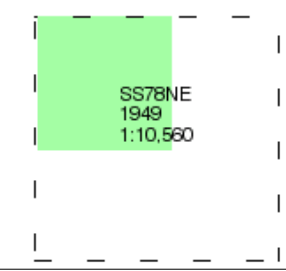
Published 1949

Source map scale - 1:10,560

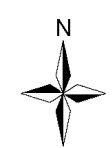
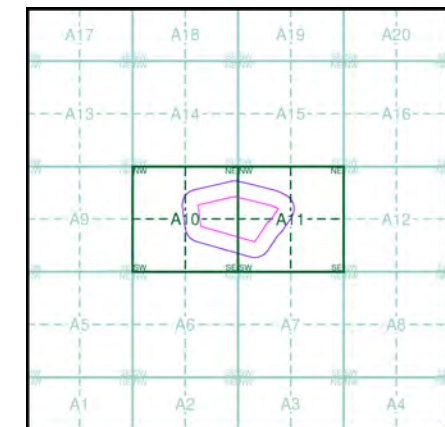
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the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



Order Details

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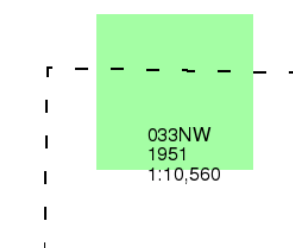
Glamorganshire

Published 1951

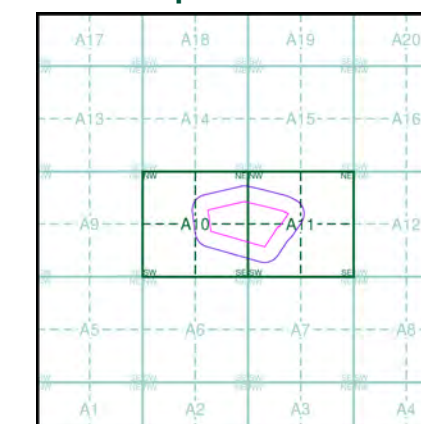
Source map scale - 1:10,560

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)



Historical Map - Slice A



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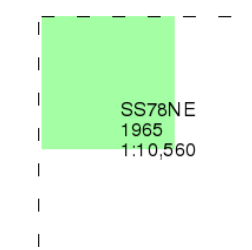
Ordnance Survey Plan

Published 1965

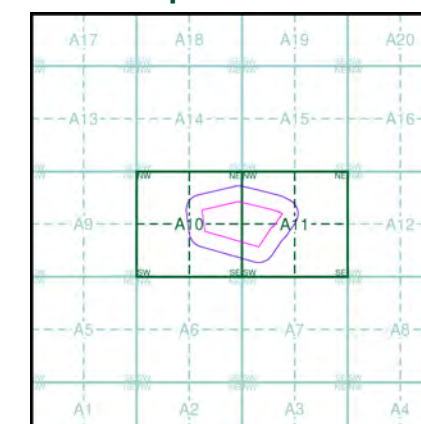
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

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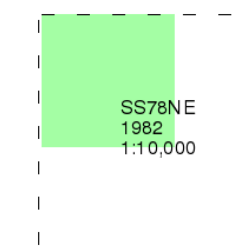
Ordnance Survey Plan

Published 1982

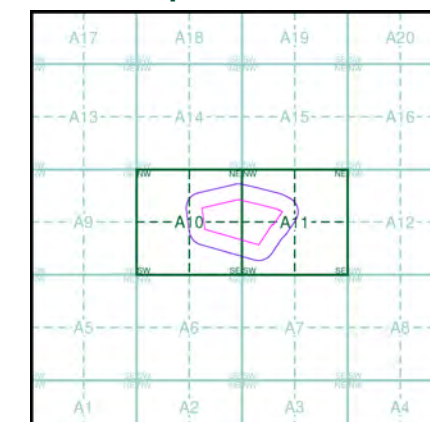
Source map scale - 1:10,000

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



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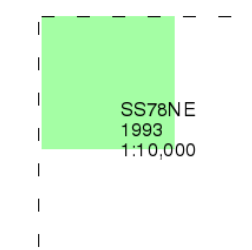
Ordnance Survey Plan

Published 1993

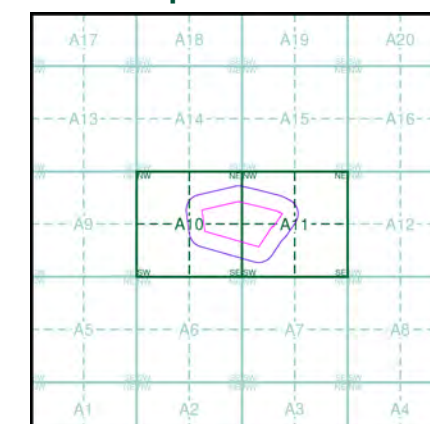
Source map scale - 1:10,000

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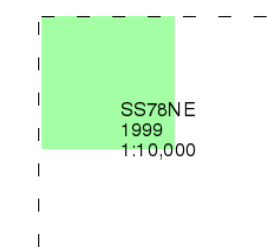
10k Raster Mapping

Published 1999

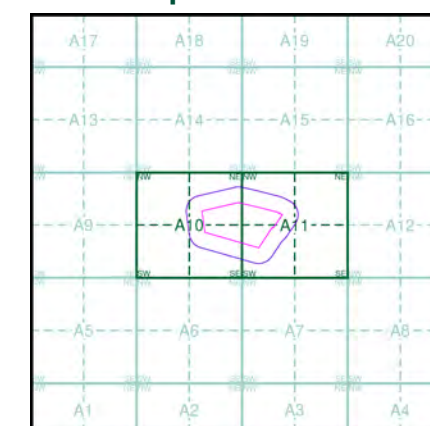
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

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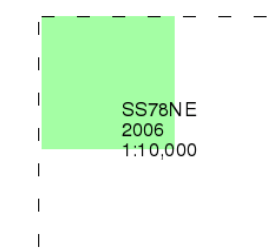
10k Raster Mapping

Published 2006

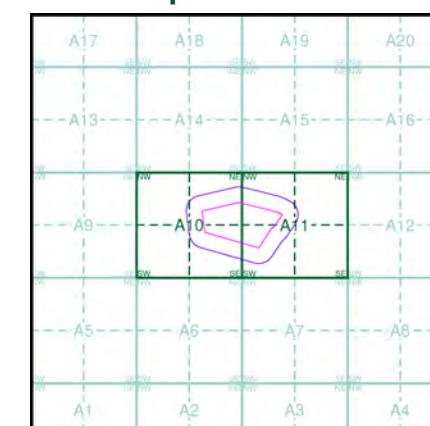
Source map scale - 1:10,000

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

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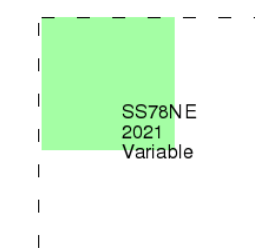
VectorMap Local

Published 2021

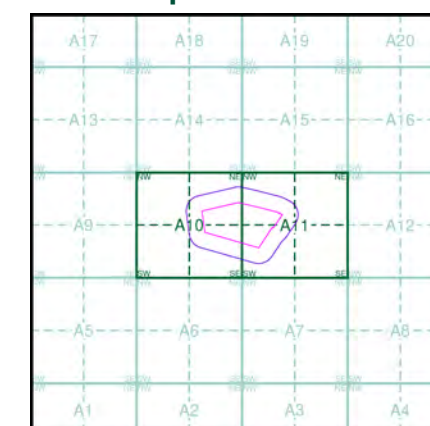
Source map scale - 1:10,000

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

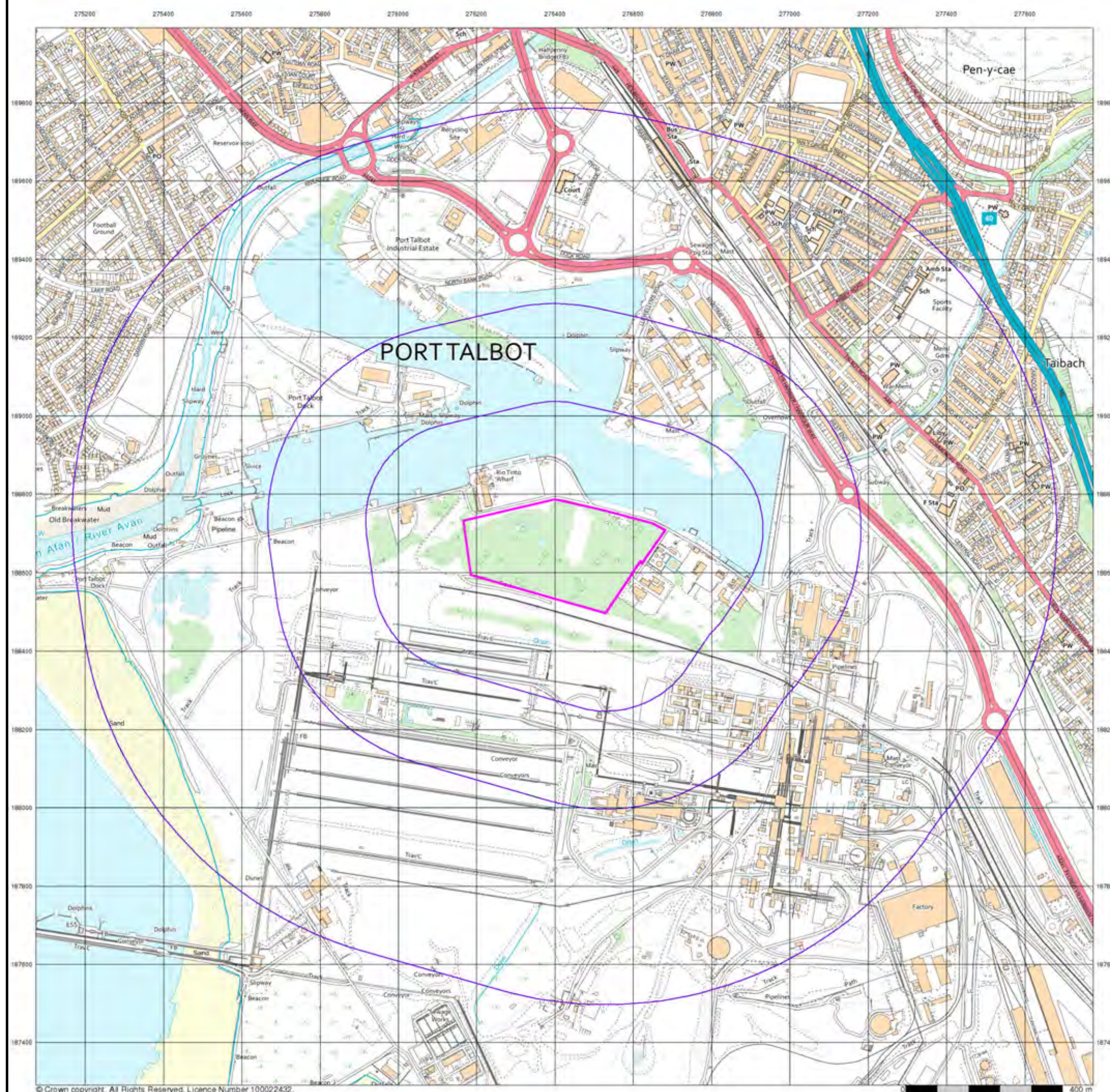
Order Number: 293349570_1_1
Customer Ref: 2111006.002
National Grid Reference: 276420, 188660
Slice: A
Site Area (Ha): 9.68
Search Buffer (m): 1000

Site Details

Site at 276440, 188700

Landmark
INFORMATION GROUP

Tel: 0844 844 9952
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Appendix B

Envirocheck®



Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

293349570_1_1

Customer Reference:

2111006.002

National Grid Reference:

276420, 188660

Slice:

A

Site Area (Ha):

9.68

Search Buffer (m):

1000

Site Details:

Site at 276440, 188700

Client Details:

Mr T .

Tweedie Evans Consulting Ltd

The Old Chapel

35a Southover

Wells

Somerset

BA5 1UH

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	68
Hazardous Substances	75
Geological	76
Industrial Land Use	81
Sensitive Land Use	-
Data Currency	104
Data Suppliers	110
Useful Contacts	111

Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination. For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client. In this datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Report Version v53.0



Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2	2	25	25	25
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls	pg 21		1		5
Integrated Pollution Prevention And Control	pg 22		1		4
Local Authority Integrated Pollution Prevention And Control	pg 23		1		
Local Authority Pollution Prevention and Controls	pg 23		1		5
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 24	Yes			
Pollution Incidents to Controlled Waters	pg 24		1	1	15
Prosecutions Relating to Authorised Processes	pg 27			1	1
Registered Radioactive Substances					
River Quality	pg 28	1		1	2
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points	pg 29				4
Substantiated Pollution Incident Register	pg 32		1	1	5
Water Abstractions	pg 33		13	7	6 (*2)
Water Industry Act Referrals	pg 40		1		
Groundwater Vulnerability Map	pg 40	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 41	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 41	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 41		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 52		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
OS Water Network Lines	pg 63		12	6	24



Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 68			4	8
Local Authority Landfill Coverage	pg 70	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 70				1
Potentially Infilled Land (Non-Water)	pg 71				2
Potentially Infilled Land (Water)	pg 71	2	3	10	27
Registered Landfill Sites					
Registered Waste Transfer Sites	pg 73				2
Registered Waste Treatment or Disposal Sites	pg 74				1
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents	pg 75				1
Planning Hazardous Substance Enforcements					



Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 76	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 76	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 78		1		1
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages	pg 79				Yes
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 79	Yes	n/a	n/a	n/a
Mining Instability	pg 79	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 79		Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 79	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards				n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 80	Yes		n/a	n/a
Radon Potential - Radon Affected Areas	pg 80	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 81	2	4	23	70
Fuel Station Entries	pg 89				2
Points of Interest - Commercial Services	pg 90			4	24
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 92	1	12	18	65
Points of Interest - Public Infrastructure	pg 100			4	30
Points of Interest - Recreational and Environmental	pg 103				3
Gas Pipelines					
Underground Electrical Cables					



Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11NW (NE)	0	1	276500 188750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10NE (SE)	0	1	276417 188657
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A11NW (E)	0	1	276450 188657
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10SE (S)	5	1	276417 188500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11NW (N)	25	1	276450 188800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10SE (SW)	26	1	276250 188550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A10SE (SW)	40	1	276200 188550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A10SE (SW)	47	1	276350 188500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11SW (S)	47	1	276500 188450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11NW (E)	49	1	276700 188650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11SW (SE)	51	1	276550 188450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11SW (S)	53	1	276450 188450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A10SE (SW)	60	1	276300 188500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A10SE (S)	67	1	276417 188450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10NE (N)	74	1	276350 188850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10SE (S)	97	1	276417 188400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10SE (SW)	102	1	276150 188500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10SE (SW)	108	1	276300 188450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11SW (SE)	120	1	276600 188400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11SW (SE)	126	1	276650 188450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11NE (NE)	185	1	276800 188850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11NW (NE)	247	1	276750 188950

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A10SW (W)	290	1	275900 188550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10SW (W)	301	1	275900 188500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11SE (SE)	306	1	276800 188350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SE (N)	314	1	276400 189100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SE (NW)	314	1	276150 189050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10SW (W)	321	1	275900 188450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10SW (W)	389	1	275800 188550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11SE (SE)	426	1	276950 188350
1	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Phoenix Wharf Surface Water Port, Port Talbot Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0043001 Permit Version: 2 Effective Date: 7th July 1987 Issued Date: 7th July 1987 Revocation Date: 31st October 1995 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Phoenix Wharf Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A11NW (E)	0	2	276600 188700
1	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Phoenix Wharf Surface Water Port, Port Talbot Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0043001 Permit Version: 1 Effective Date: 1st January 1901 Issued Date: 1st January 1901 Revocation Date: 6th July 1987 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Phoenix Wharf Docks Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A11NW (E)	0	2	276600 188700
2	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewage Disposal Works - Water Company Location: Afan Wwtw Phoenix Wharf Harbour Rd, Port Talbot Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Bp028760101 Permit Version: 1 Effective Date: 1st December 2000 Issued Date: 1st December 2000 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Unspecified - Water Company Discharge: Controlled Sea Environment: Receiving Water: Swansea Bay Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Manually positioned within the geographical locality	A11NW (E)	9	2	276690 188709



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents Operator: British Steel Plc (Tinplate) Property Type: Iron & Steel Industries Location: Oil Tank Farm Bsc Por Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0059205 Permit Version: 1 Effective Date: 16th September 1987 Issued Date: 16th September 1987 Revocation Date: 30th June 1992 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Port Talbot Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A11NW (E)	21	2	276700 188700
3	Discharge Consents Operator: Associated British Ports Property Type: Not Supplied Location: John Nicholas Timber Site Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: BP0055713 Permit Version: 2 Effective Date: 21st January 1993 Issued Date: 21st October 1992 Revocation Date: Not Supplied Discharge Type: Not Supplied Discharge: Freshwater Stream/River Environment: Receiving Water: Port Talbot Docks Status: Effective Positional Accuracy: Located by supplier to within 100m	A10NE (N)	14	2	276400 188800
3	Discharge Consents Operator: Associated British Ports Property Type: Not Supplied Location: John Nicholas Timber Site Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Bp0055713 Permit Version: 2 Effective Date: 21st January 1993 Issued Date: 21st October 1992 Revocation Date: Not Supplied Discharge Type: Not Supplied Discharge: Freshwater Stream/River Environment: Receiving Water: Port Talbot Docks Status: Effective Positional Accuracy: Located by supplier to within 100m	A10NE (N)	14	2	276400 188800
3	Discharge Consents Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: John Nicholas Timber Site Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0055713 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 20th January 1993 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Port Talbot Docks Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A10NE (N)	14	2	276400 188800



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Discharge Consents Operator: Associated British Ports Property Type: Not Supplied Location: Metal Mend Ltd Port Talbot Docks, Porta Talbot Docks, Neath Port Talbot, Wales Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: BP0055712 Permit Version: 2 Effective Date: 21st January 1993 Issued Date: 21st October 1992 Revocation Date: Not Supplied Discharge Type: Not Supplied Discharge: Controlled Sea Environment: Receiving Water: Port Talbot Docks Status: Effective Positional Accuracy: Located by supplier to within 100m	A11NW (NE)	36	2	276500 188800
4	Discharge Consents Operator: Associated British Ports Property Type: Not Supplied Location: Metal Mend Ltd Port Talbot Docks, Porta Talbot Docks, Neath Port Talbot, Wales Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Bp0055712 Permit Version: 2 Effective Date: 21st January 1993 Issued Date: 21st October 1992 Revocation Date: Not Supplied Discharge Type: Not Supplied Discharge: Controlled Sea Environment: Receiving Water: Port Talbot Docks Status: Effective Positional Accuracy: Located by supplier to within 100m	A11NW (NE)	36	2	276500 188800
4	Discharge Consents Operator: Associated British Ports Property Type: Metal Treatment, Bolts, Nuts Etc. Location: Metal Mend Ltd Port Talbot Docks, Porta Talbot Docks, Neath Port Talbot, Wales Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0055712 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 20th January 1993 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Port Talbot Docks Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A11NW (NE)	36	2	276500 188800
4	Discharge Consents Operator: Associated British Ports Property Type: Metal Treatment, Bolts, Nuts Etc. Location: Metal Mend Ltd Port Talbot Docks, Porta Talbot Docks, Neath Port Talbot, Wales Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0055714 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Port Talbot Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A11NW (NE)	36	2	276500 188800



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Discharge Consents Operator: Associated British Ports Property Type: Metal Treatment, Bolts, Nuts Etc. Location: Metal Mend Ltd Port Talbot Docks, Porta Talbot Docks, Neath Port Talbot, Wales Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0055725 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Port Talbot Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A11NW (NE)	36	2	276500 188800
4	Discharge Consents Operator: Associated British Ports Property Type: Metal Treatment, Bolts, Nuts Etc. Location: Metal Mend Ltd Port Talbot Docks, Porta Talbot Docks, Neath Port Talbot, Wales Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0055726 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Port Talbot Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A11NW (NE)	36	2	276500 188800
4	Discharge Consents Operator: Associated British Ports Property Type: Metal Treatment, Bolts, Nuts Etc. Location: Metal Mend Ltd Port Talbot Docks, Porta Talbot Docks, Neath Port Talbot, Wales Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0055731 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Port Talbot Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A11NW (NE)	36	2	276500 188800
4	Discharge Consents Operator: Associated British Ports Property Type: Metal Treatment, Bolts, Nuts Etc. Location: Metal Mend Ltd Port Talbot Docks, Porta Talbot Docks, Neath Port Talbot, Wales Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0055732 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Port Talbot Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A11NW (NE)	36	2	276500 188800



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: Port Talbot Docks Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0055716 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Port Talbot Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A10NE (NW)	96	2	276100 188800
6	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Port Talbot Docks Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0055715 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Port Talbot Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A10NE (N)	114	2	276400 188900
7	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Port Talbot Docks Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0055709 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Port Talbot Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A11SE (E)	159	2	276800 188600
7	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Port Talbot Docks Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0055710 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Port Talbot Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A11SE (E)	159	2	276800 188600



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Port Talbot Docks Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0055711 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Port Talbot Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A11SE (E)	159	2	276800 188600
7	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Port Talbot Docks Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0055724 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Port Talbot Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A11SE (E)	159	2	276800 188600
8	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Port Talbot Docks Authority: Natural Resources Wales Catchment Area: Unknown Reference: Bp0055701 Permit Version: 1 Effective Date: 1st January 1901 Issued Date: 1st January 1901 Revocation Date: 17th September 1987 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Port Talbot Docks Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A15SW (N)	231	2	276500 189000
9	Discharge Consents Operator: British Steel Plc (Tinplate) Property Type: Iron & Steel Industries Location: Power Plants 12 & 12a (Cooling Wate, (Cooling Water)) Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0059206 Permit Version: 2 Effective Date: 5th March 1993 Issued Date: 5th December 1992 Revocation Date: 9th February 1999 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Port Talbot Dock Status: Revoked and replaced by IPC Authorisation Positional Accuracy: Located by supplier to within 100m	A11SE (E)	244	2	276900 188600



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	Discharge Consents Operator: British Steel Plc Property Type: Iron & Steel Industries Location: Power Plants 12 & 12a (Cooling Wate, (Cooling Water) Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0059206 Permit Version: 2 Effective Date: 5th March 1993 Issued Date: 5th December 1992 Revocation Date: 9th February 1999 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Port Talbot Dock Status: Revoked and replaced by IPC Authorisation Positional Accuracy: Located by supplier to within 100m	A11SE (E)	244	2	276900 188600
9	Discharge Consents Operator: British Steel Plc (Tinplate) Property Type: Iron & Steel Industries Location: Power Plants 12 & 12a (Cooling Wate, (Cooling Water) Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0059204 Permit Version: 2 Effective Date: 5th March 1993 Issued Date: 5th December 1992 Revocation Date: 20th September 1995 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Port Talbot Dock Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A11SE (E)	244	2	276900 188600
9	Discharge Consents Operator: Associated British Ports Property Type: Iron & Steel Industries Location: Power Plants 12 & 12a (Cooling Wate, (Cooling Water) Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0055708 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Port Talbot Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A11SE (E)	244	2	276900 188600
9	Discharge Consents Operator: British Steel Plc (Tinplate) Property Type: Iron & Steel Industries Location: Power Plants 12 & 12a (Cooling Wate, (Cooling Water) Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0059204 Permit Version: 1 Effective Date: 16th September 1987 Issued Date: 16th September 1987 Revocation Date: 4th March 1993 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Port Talbot Dock Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A11SE (E)	244	2	276900 188600



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Lock Levelling Water Taken From R F, Water Taken From R Ffrwdwyllt Fo, For Port Talbot Docks Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0055733 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 10th May 1995 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: River Ffrwdwyllt Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A11NE (NE)	291	2	276900 188900
11	Discharge Consents Operator: British Steel Plc (Tinplate) Property Type: Iron & Steel Industries Location: No12ax Power Plt To D'K Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0059207 Permit Version: 1 Effective Date: 16th September 1987 Issued Date: 16th September 1987 Revocation Date: 28th March 1994 Discharge Type: Trade Effluent Discharge: Not Supplied Environment: Receiving Water: Port Talbot Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A11SE (E)	337	2	277000 188600
12	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Port Talbot Docks Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0055727 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Port Talbot Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A14SE (NW)	351	2	276200 189100
13	Discharge Consents Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: Tarmac Topmix Site Authority: Natural Resources Wales Catchment Area: River Afan Reference: BP0055730 Permit Version: 2 Effective Date: 21st January 1993 Issued Date: 21st October 1992 Revocation Date: 14th July 2008 Discharge Type: Unspecified Discharge: Freshwater Stream/River Environment: Receiving Water: River Ffrwdwyllt (Tidal) Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A15SE (NE)	365	2	276900 189000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	Discharge Consents Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: Tarmac Topmix Site Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0055730 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 20th January 1993 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: River Ffrwdwyllt (Tidal) Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A15SE (NE)	365	2	276900 189000
14	Discharge Consents Operator: Associated British Ports Property Type: Not Supplied Location: Talbot Wharf, The Docks, Port Talbot, Neath Port Talbot, Sa13 1re Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Bm0033601 Permit Version: 2 Effective Date: 26th November 2012 Issued Date: 26th November 2012 Revocation Date: Not Supplied Discharge Type: Not Supplied Discharge: Into Land Environment: Receiving Water: Groundwater Via Infiltration System Status: Effective Positional Accuracy: Located by supplier to within 10m	A14SW (NW)	373	2	275990 189060
14	Discharge Consents Operator: Associated British Ports Property Type: Not Supplied Location: Talbot Wharf, The Docks, Port Talbot, Neath Port Talbot, Sa13 1re Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Bm0033601 Permit Version: 2 Effective Date: 26th November 2012 Issued Date: 26th November 2012 Revocation Date: Not Supplied Discharge Type: Not Supplied Discharge: Into Land Environment: Receiving Water: Groundwater Via Infiltration System Status: Effective Positional Accuracy: Located by supplier to within 10m	A14SW (NW)	373	2	275990 189060
14	Discharge Consents Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: Talbot Wharf, The Docks, Port Talbot, Neath Port Talbot, Sa13 1re Authority: Natural Resources Wales Catchment Area: Not Given Reference: BM0033601 Permit Version: 1 Effective Date: 17th November 1983 Issued Date: 17th November 1983 Revocation Date: 25th November 2012 Discharge Type: Unspecified Discharge: Land/Soakaway Environment: Receiving Water: To Underground Strata Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m	A14SW (NW)	373	2	275990 189060

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	Discharge Consents Operator: Associated British Ports Property Type: Recreational & Cultural Location: Sea Cadets Club Site Port Talbot, Port Talbot Docks, Neath Port Talbot, Sa13 1ra Authority: Natural Resources Wales Catchment Area: AFAN ESTUARY INCL DOCKS Reference: BP0055703 Permit Version: 2 Effective Date: 21st January 1993 Issued Date: 21st October 1992 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Port Talbot Docks Status: Effective Positional Accuracy: Located by supplier to within 100m	A10NW (W)	374	2	275800 188800
15	Discharge Consents Operator: Associated British Ports Property Type: Recreational & Cultural Location: Sea Cadets Club Site Port Talbot, Port Talbot Docks, Neath Port Talbot, Sa13 1ra Authority: Natural Resources Wales Catchment Area: AFAN ESTUARY INCL DOCKS Reference: Bp0055703 Permit Version: 2 Effective Date: 21st January 1993 Issued Date: 21st October 1992 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Port Talbot Docks Status: Effective Positional Accuracy: Located by supplier to within 100m	A10NW (W)	374	2	275800 188800
15	Discharge Consents Operator: Associated British Ports Property Type: Recreational & Cultural Location: Sea Cadets Club Site Port Talbot, Port Talbot Docks, Neath Port Talbot, Sa13 1ra Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0055703 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 20th January 1993 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Port Talbot Docks Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A10NW (W)	374	2	275800 188800
15	Discharge Consents Operator: Associated British Ports Property Type: Recreational & Cultural Location: Sea Cadets Club Site Port Talbot, Port Talbot Docks, Neath Port Talbot, Sa13 1ra Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0055717 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Port Talbot Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A10NW (W)	374	2	275800 188800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	Discharge Consents Operator: Mechema Chemicals Ltd Property Type: Basic Industry, Chemicals Inorganic Location: Port Talbot Talbot Wharf Chemical W, Talbot Wharf Chemical Works W.Gl, W.Glam Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0096301 Permit Version: 1 Effective Date: 17th August 1988 Issued Date: 17th August 1988 Revocation Date: 27th June 1994 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: To Land Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A15SW (NE)	376	2	276700 189100
17	Discharge Consents Operator: Associated British Ports Property Type: Recreational & Cultural Location: Sea Cadets Club Site Port Talbot Do, Port Talbot Docks Authority: Natural Resources Wales Catchment Area: AFAN ESTUARY INCL DOCKS Reference: BP0055704 Permit Version: 2 Effective Date: 21st January 1993 Issued Date: 21st October 1992 Revocation Date: Not Supplied Discharge Type: Not Supplied Discharge: Freshwater Stream/River Environment: Receiving Water: Port Talbot Docks Status: Effective Positional Accuracy: Located by supplier to within 100m	A10NW (W)	404	2	275800 188900
17	Discharge Consents Operator: Associated British Ports Property Type: Recreational & Cultural Location: Sea Cadets Club Site Port Talbot Do, Port Talbot Docks Authority: Natural Resources Wales Catchment Area: AFAN ESTUARY INCL DOCKS Reference: Bp0055704 Permit Version: 2 Effective Date: 21st January 1993 Issued Date: 21st October 1992 Revocation Date: Not Supplied Discharge Type: Not Supplied Discharge: Freshwater Stream/River Environment: Receiving Water: Port Talbot Docks Status: Effective Positional Accuracy: Located by supplier to within 100m	A10NW (W)	404	2	275800 188900
17	Discharge Consents Operator: Associated British Ports Property Type: Recreational & Cultural Location: Sea Cadets Club Site Port Talbot Do, Port Talbot Docks Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0055704 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 20th January 1993 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Port Talbot Docks Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A10NW (W)	404	2	275800 188900



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: Port Talbot Docks Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0055707 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 16th December 1992 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Port Talbot Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A15SW (N)	448	2	276600 189200
18	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Port Talbot Docks Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0055722 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 10th September 1992 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Port Talbot Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A15SW (N)	448	2	276600 189200
18	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Port Talbot Docks Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0055723 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Port Talbot Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A15SW (N)	448	2	276600 189200
19	Discharge Consents Operator: British Steel Plc (Tinplate) Property Type: Iron & Steel Industries Location: Pt Talbot Wks Blast F'Ces Gas Wash, Blast F'Ces Gas Wash Water-Aba Authority: Natural Resources Wales Catchment Area: River Afan Reference: Ba2020101 Permit Version: 1 Effective Date: 28th August 1965 Issued Date: 28th August 1965 Revocation Date: 22nd January 1992 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Ffrwdwyllt Status: Consent expired Positional Accuracy: Located by supplier to within 10m	A12NW (E)	465	2	277100 188910

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	Discharge Consents Operator: British Steel Plc (Tinplate) Property Type: Iron & Steel Industries Location: No 3 Blast Furnace Port Talbot Work, Port Talbot Works Port Talbot Authority: Natural Resources Wales Catchment Area: Not Given Reference: Ba2020002 Permit Version: 1 Effective Date: 1st January 1950 Issued Date: 16th June 1994 Revocation Date: 20th September 1995 Discharge Type: Trade Effluent Discharge: Not Supplied Environment: Receiving Water: The Culverted River Ffrwdwyllt Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A12NW (E)	471	2	277130 188850
20	Discharge Consents Operator: British Steel Plc (Tinplate) Property Type: Iron & Steel Industries Location: No 3 Blast Furnace Port Talbot Work, Port Talbot Works Port Talbot Authority: Natural Resources Wales Catchment Area: River Afan Reference: Ba2020001 Permit Version: 1 Effective Date: 28th August 1963 Issued Date: 28th August 1963 Revocation Date: 9th June 1994 Discharge Type: Trade Effluent Discharge: Not Supplied Environment: Receiving Water: Ffrwdwyllt Status: Consent expired Positional Accuracy: Located by supplier to within 10m	A12NW (E)	471	2	277130 188850
21	Discharge Consents Operator: Associated British Ports Property Type: Recreational & Cultural Location: Small Boat Club Site Port Talbot Do, Port Talbot Docks Authority: Natural Resources Wales Catchment Area: AFAN ESTUARY INCL DOCKS Reference: BP0055702 Permit Version: 2 Effective Date: 21st January 1993 Issued Date: 21st October 1992 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Port Talbot Docks Status: Effective Positional Accuracy: Located by supplier to within 100m	A9NE (W)	472	2	275700 188800
21	Discharge Consents Operator: Associated British Ports Property Type: Recreational & Cultural Location: Small Boat Club Site Port Talbot Do, Port Talbot Docks Authority: Natural Resources Wales Catchment Area: AFAN ESTUARY INCL DOCKS Reference: Bp0055702 Permit Version: 2 Effective Date: 21st January 1993 Issued Date: 21st October 1992 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Port Talbot Docks Status: Effective Positional Accuracy: Located by supplier to within 100m	A9NE (W)	472	2	275700 188800



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	Discharge Consents Operator: Associated British Ports Property Type: Recreational & Cultural Location: Small Boat Club Site Port Talbot Do, Port Talbot Docks Authority: Natural Resources Wales Catchment Area: Unknown Reference: Bp0055702 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 20th January 1993 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Port Talbot Docks Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A9NE (W)	472	2	275700 188800
22	Discharge Consents Operator: Short Bros (Plant) Ltd, Property Type: General Construction Work Location: Llewellyn Quay P Talbot Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0028901 Permit Version: 1 Effective Date: 2nd October 1986 Issued Date: 2nd October 1986 Revocation Date: 21st April 1994 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Soakaway Status: Consent expired Positional Accuracy: Located by supplier to within 10m	A15SE (NE)	518	2	276830 189210
23	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Port Talbot Docks Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0055706 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Port Talbot Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A15SW (N)	546	2	276600 189300
23	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Port Talbot Docks Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0055721 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 5th October 1992 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Port Talbot Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A15SW (N)	546	2	276600 189300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Port Talbot Docks Authority: Natural Resources Wales Catchment Area: Unknown Reference: Bp0055701 Permit Version: 2 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Port Talbot Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A9NE (W)	572	2	275600 188800
25	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Port Talbot Docks Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0055729 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Port Talbot Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A15NW (N)	622	2	276500 189400
26	Discharge Consents Operator: Associated British Ports Property Type: Undefined Or Other Location: Port Talbot Docks - Dry Dock Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0055734 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Port Talbot Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13SE (NW)	676	2	275600 189100
27	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Cso 123 Margam Ps Nr Brombill St, Magam Pumping Station, Nr Brombill Street, Margam Authority: Natural Resources Wales Catchment Area: FFRWD WYLLT - HEADWATERS TO TIDAL LIMIT Reference: Bp0046202 Permit Version: 2 Effective Date: 1st April 2004 Issued Date: 31st March 2004 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Arnallt Brook Status: Effective Positional Accuracy: Located by supplier to within 10m	A8NW (SE)	684	2	277186 188236

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
27	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Cso 123 Margam Ps Nr Brombill St, Magam Pumping Station, Nr Brombill Street, Margam Authority: Natural Resources Wales Catchment Area: FFRWD WYLLT - HEADWATERS TO TIDAL LIMIT Reference: Bp0046202 Permit Version: 2 Effective Date: 1st April 2004 Issued Date: 31st March 2004 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Arnallt Brook Status: Effective Positional Accuracy: Located by supplier to within 10m	A8NW (SE)	684	2	277186 188236
28	Discharge Consents Operator: Associated British Ports Property Type: Basic Industry, Chemicals Inorganic Location: Abp Sewer Ref No R2 Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0055718 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 17th August 1987 Revocation Date: 31st October 1991 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Port Talbot Docks Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A13SE (NW)	736	2	275600 189200
28	Discharge Consents Operator: Mechema Chemicals Ltd Property Type: Undefined Or Other Location: Port Talbot Talbot Wharf Chemical W, Talbot Wharf Chemical Works West, West Glam Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bm0044501 Permit Version: 1 Effective Date: 30th January 1985 Issued Date: 30th January 1985 Revocation Date: 30th June 1992 Discharge Type: Sewerage System Discharge Discharge: Not Supplied Environment: Receiving Water: River Afan Status: Consent expired Positional Accuracy: Located by supplier to within 10m	A13SE (NW)	767	2	275560 189200
29	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Station - Water Company Location: Newbridge Rd P.Stn Swo Port T Authority: Natural Resources Wales Catchment Area: River Afan Reference: BB4025501 Permit Version: 1 Effective Date: 19th July 1978 Issued Date: 19th July 1978 Revocation Date: 31st March 2004 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m	A13SE (NW)	741	2	275530 189110

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	Discharge Consents Operator: Associated British Ports Property Type: Basic Industry, Chemicals Inorganic Location: Abp Sewer Ref No R2 Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0055718 Permit Version: 2 Effective Date: 1st November 1991 Issued Date: 18th July 1991 Revocation Date: 12th October 1992 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Port Talbot Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13SE (NW)	762	2	275500 189100
30	Discharge Consents Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: Port Talbot Docks Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0055720 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 16th December 1992 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Port Talbot Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A9NW (W)	771	2	275400 188800
31	Discharge Consents Operator: British Steel Plc (Tinplate) Property Type: Iron & Steel Industries Location: 8 Iron Ore Stockyard Bsc Por Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0059203 Permit Version: 1 Effective Date: 16th September 1987 Issued Date: 16th September 1987 Revocation Date: 30th June 1992 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: River Afan Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A9SW (W)	778	2	275400 188600
32	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: S'Dfields Sewer J'Ction Chambe Port, Port Talbot Authority: Natural Resources Wales Catchment Area: River Afan Reference: BB4025502 Permit Version: 1 Effective Date: 19th July 1978 Issued Date: 19th July 1978 Revocation Date: 31st March 2004 Discharge Type: Unspecified Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A13SE (NW)	876	2	275510 189310

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
33	Discharge Consents Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: Puckey House Port Talbot Tidal Harb, Port Talbot Tidal Harbour Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0055719 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 11th January 1993 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Afan Estuary Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A9SW (W)	877	2	275300 188600
34	Discharge Consents Operator: Associated British Ports Property Type: Support Services - Sea Transport Location: Port Talbot Docks - Security B Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0055705 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 16th December 1992 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Port Talbot Docks Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A14NW (NW)	884	2	276000 189600
35	Discharge Consents Operator: Associated British Ports Property Type: Not Supplied Location: Puckey House Port Talbot Tidal Harb, Port Talbot Tidal Harbour Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: BP0055719 Permit Version: 2 Effective Date: 12th January 1993 Issued Date: 12th October 1992 Revocation Date: Not Supplied Discharge Type: Not Supplied Discharge: Saline Estuary Environment: Receiving Water: Afan Estuary Status: Effective Positional Accuracy: Located by supplier to within 100m	A9NW (W)	901	2	275270 188650
35	Discharge Consents Operator: Associated British Ports Property Type: Not Supplied Location: Puckey House Port Talbot Tidal Harb, Port Talbot Tidal Harbour Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Bp0055719 Permit Version: 2 Effective Date: 12th January 1993 Issued Date: 12th October 1992 Revocation Date: Not Supplied Discharge Type: Not Supplied Discharge: Saline Estuary Environment: Receiving Water: Afan Estuary Status: Effective Positional Accuracy: Located by supplier to within 10m	A9NW (W)	901	2	275270 188650



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
36	Discharge Consents Operator: Westbury Homes (Wales) Ltd Property Type: Domestic Property (Multiple) Location: Port Talbot Residential Development, Newbridge Road Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0105101 Permit Version: 2 Effective Date: 3rd November 1988 Issued Date: 3rd November 1988 Revocation Date: 29th September 1992 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: River Afan Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NW)	955	2	275600 189500
36	Discharge Consents Operator: Westbury Homes (Wales) Ltd Property Type: Domestic Property (Multiple) Location: Port Talbot Residential Development, Newbridge Road Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bp0105101 Permit Version: 1 Effective Date: 1st January 1901 Issued Date: 1st January 1901 Revocation Date: 2nd November 1988 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: River Afan Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A13NE (NW)	955	2	275600 189500
36	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Gasworks Sewer Junction Chamber Po, Chamber Port Talbot Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: BB4025503 Permit Version: 1 Effective Date: 19th July 1978 Issued Date: 19th July 1978 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Status: Surrendered Positional Accuracy: Located by supplier to within 100m	A13NE (NW)	996	2	275600 189550
36	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Gasworks Sewer Junction Chamber Po, Chamber Port Talbot Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Bb4025503 Permit Version: 1 Effective Date: 19th July 1978 Issued Date: 19th July 1978 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Tawe Status: Surrendered Positional Accuracy: Located by supplier to within 10m	A13NE (NW)	996	2	275600 189550

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Abbey Bsc Works Authority: Natural Resources Wales Catchment Area: Not Given Reference: BO5081401 Permit Version: 1 Effective Date: 20th October 1989 Issued Date: 20th October 1989 Revocation Date: 31st March 2004 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Betsi Lagoon Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A18SW (N)	981	2	276000 189700
38	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Isaacs Plice Sjc Port T Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bb4025506 Permit Version: 1 Effective Date: 19th July 1978 Issued Date: 19th July 1978 Revocation Date: 14th March 1994 Discharge Type: Unspecified Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Status: Consent expired Positional Accuracy: Located by supplier to within 10m	A18SW (NW)	991	2	275850 189670
39	Integrated Pollution Controls Name: Bitmac Ltd Location: Phoenix Wharf, Port Talbot Dock, South Side, PORT TALBOT, West Glamorgan, SA13 1RA Authority: Environment Agency, Welsh Region Permit Reference: BH2952 Dated: 29th October 1999 Process Type: IPC new application Description: 1.2 A (B) Carbonisation and associated processes within the Fuel & Power Industry Status: Application has met the requirements for authorisation (but not yet authorised) Positional Accuracy: Manually positioned within the geographical locality	A11NW (E)	1	3	276675 188697
40	Integrated Pollution Controls Name: Multiserv (Asr) Ltd Location: British Steel Strip Products, Port Talbot Works, PORT TALBOT, West Glamorgan, SA13 1RE Authority: Environment Agency, Welsh Region Permit Reference: BE7699 Dated: 21st December 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 2.1 A (B) Iron and Steel processes within the Metal Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A14NE (N)	676	3	276398 189462
41	Integrated Pollution Controls Name: Cambrian Stone Ltd Location: CAMBRIAN STONE LTD, PO Box 12, PORT TALBOT, West Glamorgan, SA12 6RL Authority: Environment Agency, Welsh Region Permit Reference: BE2069 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 2.1 A (C) Iron and Steel processes within the Metal Industry Status: Revoked - Now IPPC Positional Accuracy: Automatically positioned to the address	A19SE (NE)	966	3	276864 189667

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
41	Integrated Pollution Controls Name: Cambrian Stone Ltd Location: CAMBRIAN STONE LTD, PO Box 12, PORT TALBOT, West Glamorgan, SA12 6RL Authority: Environment Agency, Welsh Region Permit Reference: BA1346 Dated: 27th February 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 2.1 A (C) Iron and Steel processes within the Metal Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A19SE (NE)	966	3	276864 189667
41	Integrated Pollution Controls Name: Cambrian Stone Ltd Location: CAMBRIAN STONE LTD, PO Box 12, PORT TALBOT, West Glamorgan, SA12 6RL Authority: Environment Agency, Welsh Region Permit Reference: AW8084 Dated: 22nd January 1997 Process Type: IPC major (substantial) variation Description: 2.1 A (C) Iron and Steel processes within the Metal Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A19SE (NE)	966	3	276864 189667
41	Integrated Pollution Controls Name: Cambrian Stone Ltd Location: CAMBRIAN STONE LTD, PO Box 12, PORT TALBOT, West Glamorgan, SA12 6RL Authority: Environment Agency, Welsh Region Permit Reference: AQ9936 Dated: 24th July 1995 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 2.1 A (C) Iron and Steel processes within the Metal Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A19SE (NE)	966	3	276864 189667
42	Integrated Pollution Prevention And Control Name: Port Talbot Power Limited Location: Port Talbot Ccgt Power Station, Phoenix Wharf, The Docks, Port Talbot, West Glamorgan, SA13 1RA Authority: Environment Agency, Welsh Region Permit Reference: AP3435UJ Original Permit Ref: Ap3435uj Effective Date: Not Supplied Status: Valid Application Type: Application App. Sub Type: New Positional Accuracy: Located by supplier to within 10m Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N	A11SW (E)	41	3	276670 188620
43	Integrated Pollution Prevention And Control Name: Prenergy Power Ltd Location: Port Talbot Renewable Energy Plant, Port Talbot Renewable Energy Plant, Port Talbot Dock,, Port Talbot, SA13 1RB Authority: Natural Resources Wales Permit Reference: QP3232NY Original Permit Ref: Bp3936ls Effective Date: 1st August 2013 Status: Surrender Effective Application Type: Surrender App. Sub Type: Whole Positional Accuracy: Located by supplier to within 10m Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N	A5NE (SW)	837	2	275630 187970



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
43	Integrated Pollution Prevention And Control Name: Prenergy Power Ltd Location: Port Talbot Renewable Energy Plant, Port Talbot Renewable Energy Plant, Port Talbot Dock,, Port Talbot, SA13 1RB Authority: Natural Resources Wales Permit Reference: DP3933HA Original Permit Ref: Bp3936ls Effective Date: 23rd March 2011 Status: Superseded By Variation Application Type: Variation App. Sub Type: Standard Positional Accuracy: Located by supplier to within 100m Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Y	A5NE (SW)	837	2	275630 187970
43	Integrated Pollution Prevention And Control Name: Prenergy Power Ltd Location: Port Talbot Renewable Energy Plant, Port Talbot Renewable Energy Plant, Port Talbot Dock,, Port Talbot, SA13 1RB Authority: Natural Resources Wales Permit Reference: BP3936LS Original Permit Ref: Bp3936ls Effective Date: 29th September 2009 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Located by supplier to within 10m Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Y	A5NE (SW)	837	2	275630 187970
44	Integrated Pollution Prevention And Control Name: Cambrian Stone Limited Location: Port Talbot Steel Works, Port Talbot, West Glamorgan, SA12 6RL Authority: Natural Resources Wales Permit Reference: Bx0873ik Original Permit Ref: BI5636if Effective Date: 7th December 2003 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Automatically positioned to the address Activity Code: 3.5 B (A) Activity Description: Other Mineral Activities; Any Processing With Release Of Particulates Into Air (Unless A(1) Or A(2)), (Except Stone Ecutting) Primary Activity: Y	A19SE (NE)	966	2	276864 189667
45	Local Authority Integrated Pollution Prevention And Control Name: Civil & Marine Slag Cement Ltd Location: Rio Tinto Wharf, Port Talbot Docks, Port Talbot, Sa13 1ra Authority: Neath Port Talbot County Borough Council, Environmental Health Department Permit Reference: E3/1/102 Dated: Not Supplied Process Type: Mineral Industries Description: SG6 Status: Permit Issued Positional Accuracy: Located by supplier to within 10m	A10NE (NW)	70	4	276274 188828
46	Local Authority Pollution Prevention and Controls Name: Civil & Marine Ltd Location: Rio Tinto Wharf, Port Talbot Docks, PORT TALBOT, SA13 1RA Authority: Neath Port Talbot County Borough Council, Environmental Health Department Permit Reference: E3/1/102 Dated: 3rd July 2003 Process Type: Local Authority Air Pollution Control Description: PG3/1Blending, packing, loading and use of bulk cement Status: Transferred to LAIPPC Positional Accuracy: Located by supplier to within 10m	A10NE (NW)	70	4	276274 188828

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
47	Local Authority Pollution Prevention and Controls Name: Civil & Marine Slag Cement Ltd Location: Rio Tinto Wharf, Docks Road, The Docks, PORT TALBOT, West Glamorgan, SA13 1RA Authority: Neath Port Talbot County Borough Council, Environmental Health Department Permit Reference: E3/1/86 Dated: 29th June 1999 Process Type: Local Authority Air Pollution Control Description: PG3/8 Quarry processes including roadstone plants and the size reduction of bricks, tiles and concrete Status: Authorised Positional Accuracy: Automatically positioned to the address	A15NW (N)	604	4	276479 189385
48	Local Authority Pollution Prevention and Controls Name: Cambrian Stone Limited Location: Margam Slagworks, Po Box 12, PORT TALBOT, West Glamorgan, SA13 Authority: Neath Port Talbot County Borough Council, Environmental Health Department Permit Reference: E3/1/11 Dated: 13th May 1994 Process Type: Local Authority Air Pollution Control Description: PG3/8 Quarry processes including roadstone plants and the size reduction of bricks, tiles and concrete Status: Authorisation has varied Positional Accuracy: Approximate location provided by supplier	A7NE (SE)	695	4	277025 188010
49	Local Authority Pollution Prevention and Controls Name: John Nicholas & Sons Ltd Location: Docks Road, PORT TALBOT, West Glamorgan, SA13 1RS Authority: Neath Port Talbot County Borough Council, Environmental Health Department Permit Reference: Not Given Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG3/1Blending, packing, loading and use of bulk cement Status: Authorisation revoked Positional Accuracy: Manually positioned to the address or location	A14NW (NW)	778	4	275907 189465
49	Local Authority Pollution Prevention and Controls Name: RMC Readymix Wales & Midlands Location: Docks Road, PORT TALBOT, West Glamorgan, SA13 1RS Authority: Neath Port Talbot County Borough Council, Environmental Health Department Permit Reference: e3/1/7 Dated: 19th May 1994 Process Type: Local Authority Air Pollution Control Description: PG3/1Blending, packing, loading and use of bulk cement Status: Authorisation has varied Positional Accuracy: Manually positioned to the address or location	A14NW (NW)	780	4	275902 189465
50	Local Authority Pollution Prevention and Controls Name: Blakemore Retail Ltd Location: Talbot Road, PORT TALBOT, West Glamorgan, SA13 1HN Authority: Neath Port Talbot County Borough Council, Environmental Health Department Permit Reference: E3/1/71 Dated: 26th February 1999 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Automatically positioned to the address	A15NE (NE)	845	4	276821 189553
	Nearest Surface Water Feature	A10NE (W)	0	-	276373 188675
51	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Freshwater Docks, PORT TALBOT Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Natural Causes Incident Date: 23rd September 1995 Incident Reference: 25959 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	A11NE (E)	151	3	276800 188800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
52	Pollution Incidents to Controlled Waters Property Type: Not Given Location: From Port, Talbot Small Authority: Environment Agency, Welsh Region Pollutant: Oils - Diesel (Including Agricultural) Note: Not Supplied Incident Date: 9th May 1996 Incident Reference: 28346 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	A9NE (W)	472	3	275700 188795
53	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Llewellyns Dock Authority: Environment Agency, Welsh Region Pollutant: Oils - Diesel (Including Agricultural) Note: Port Talbot Dock; Spillage Incident Date: 28th March 1998 Incident Reference: 35231 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Inadequate Design/Capacity Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A15SW (N)	541	3	276600 189295
53	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Llewellyns Quay Authority: Environment Agency, Welsh Region Pollutant: Oils - Diesel (Including Agricultural) Note: Port Talbot Dock; Spillage Incident Date: 28th March 1998 Incident Reference: 35231 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Inadequate Design/Capacity Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A15SW (N)	542	3	276605 189295
53	Pollution Incidents to Controlled Waters Property Type: Warehouses Location: Location Description Not Available Authority: Environment Agency, Welsh Region Pollutant: Mud/Clay/Soil Note: Neglect Incident Date: 22nd September 1994 Incident Reference: 21170 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	A15SW (N)	546	3	276600 189300
53	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Llewellyns Quay, 400M Slick Of Oil, Along Bank Of Dock Authority: Environment Agency, Welsh Region Pollutant: Oils - Diesel (Including Agricultural) Note: Port Talbot Dock; Spillage Incident Date: 28th March 1998 Incident Reference: 35231 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Inadequate Design/Capacity Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A15SW (N)	547	3	276605 189300
54	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Side Of Railway Line, PORT TALBOT Authority: Environment Agency, Welsh Region Pollutant: Oils - Diesel (Including Agricultural) Note: Deliberate Act Incident Date: 9th May 1996 Incident Reference: 28283 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Direct Discharge Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NW (E)	647	3	277300 188895

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
54	Pollution Incidents to Controlled Waters Property Type: Waste Handling Facilities Location: Railway Line, PORT TALBOT Authority: Environment Agency, Welsh Region Pollutant: Oils - Diesel (Including Agricultural) Note: Deliberate Act Incident Date: 9th May 1996 Incident Reference: 28283 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Direct Discharge Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NW (E)	648	3	277300 188900
55	Pollution Incidents to Controlled Waters Property Type: Industrial Premises Location: Llewelyn Quay, PORT TALBOT Authority: Environment Agency, Welsh Region Pollutant: Sewage - Septic Tank Effluent Note: Inadequate Design/Capacity Incident Date: 7th May 1991 Incident Reference: 4265 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Runoff Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A15NW (N)	666	3	276700 189400
56	Pollution Incidents to Controlled Waters Property Type: Not Given Location: British Steel, PORT TALBOT Authority: Environment Agency, Welsh Region Pollutant: Oils - Diesel (Including Agricultural) Note: No Watercourse Affected - Contaminated Land; Spillage Incident Date: 11th April 1998 Incident Reference: 35507 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	A12SW (E)	691	3	277300 188400
57	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Maritime Ponds; Leakage Incident Date: 29th October 1997 Incident Reference: 34375 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	A15NW (N)	763	3	276700 189500
58	Pollution Incidents to Controlled Waters Property Type: Not Given Location: 100 Metres Downstream Of, Dock Entrance Authority: Environment Agency, Welsh Region Pollutant: Mud/Clay/Soil Note: River Afan; Effluent Quality Incident Date: 24th April 1998 Incident Reference: 35489 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Poor Management Control Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NW (W)	768	3	275400 188700
59	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Crannick Way, PORT TALBOT Authority: Environment Agency, Welsh Region Pollutant: Creosote Note: River Afan; Run-Off Incident Date: 19th July 1997 Incident Reference: 33062 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Vandalism Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A15NW (N)	824	3	276750 189550

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
60	Pollution Incidents to Controlled Waters Property Type: Domestic/Residential Location: Adjacent Tiger, Tyres, Greenpark Authority: Environment Agency, Welsh Region Pollutant: Miscellaneous - Fire water / Foam Note: Deliberate Act Incident Date: 24th August 1995 Incident Reference: 25479 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Runoff Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SW (N)	976	3	276000 189695
61	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Fractured Sewer In, River Bed B. Gas Pipeline Work, PORT TALBOT Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: River Afan; Direct Introduction Incident Date: 29th January 1998 Incident Reference: 34696 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	A13NE (NW)	986	3	275700 189600
62	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Afan Sewage, Pumping Station Authority: Environment Agency, Welsh Region Pollutant: Light Oil Note: Not Supplied Incident Date: 27th April 1995 Incident Reference: 23819 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 (NW)	992	3	275600 189545
63	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Weir Near, Dock Feeder Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Not Supplied Incident Date: 28th November 1991 Incident Reference: 1655 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	A18SW (N)	994	3	276050 189725
64	Prosecutions Relating to Authorised Processes Location: Kenwoth Buildings, Llewellyns Quay, Port Talbot, West Glamorgan, Sa13 1rf Prosecution Text: Special Waste (Including Bonded Asbestos)Stored At A Site Without A Waste Management Licence Prosecution Act: Epa90 S33(1)(A) & S33(1)(B) Hearing Date: 31st March 2003 Verdict: Guilty Fine: 1500 Costs: 1572 Positional Accuracy: Manually positioned within the geographical locality	A15SW (NE)	294	3	276704 189014
65	Prosecutions Relating to Authorised Processes Location: Cramic Way, Port Talbot, Sa13 Prosecution Text: Burning waste on land without a WML - five months suspended sentence served Prosecution Act: Epa90 S33(1)(C) Hearing Date: 12th October 2004 Verdict: Guilty Fine: 0 Costs: 0 Positional Accuracy: Manually positioned to the road within the address or location	A15NW (N)	880	3	276665 189628



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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	A11NW (N)	0	3	276441 188752
	River Quality Name: Ffrwdwyllt GQA Grade: River Quality A Reach: Docks Entr.P.Talbot-Conf.Nant Cwm Y Garn Estimated Distance (km): 2.4 Flow Rate: Flow less than 1.25 cumecs Flow Type: River Year: 2000	A11NE (E)	326	3	277007 188689
	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	A14NW (NW)	868	3	275948 189592
	River Quality Name: Afan GQA Grade: River Quality A Reach: Dock Intake Weir - M4 Motorway Estimated Distance (km): .7 Flow Rate: Flow less than 5 cumecs Flow Type: River Year: 2000	A14NW (N)	911	3	276034 189636



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
66	River Quality Chemistry Sampling Points Name: Ffrwdwyllt Reach: Docks Entrance Port Talbot To Confluence Nant Cwm Y Garn Estimated Distance: 2.40 Objective: Not Supplied Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1994 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1995 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1996 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1997 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1998 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1999 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2000 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2001 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2002 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2003 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2004 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2005 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2006 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2007 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2008 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2009 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied	A12NW (E)	605	3	277244 188929

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
66	River Quality Chemistry Sampling Points Name: Ffrwdwyll Reach: Confluence Cwm Y Garn To Confluence Cwm Wernderi Estimated Distance: 1.40 Objective: Not Supplied Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1994 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1995 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1996 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1997 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1998 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1999 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2000 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2001 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2002 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2003 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2004 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2005 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2006 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2007 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2008 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2009 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied	A12NW (E)	605	3	277244 188929

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
66	River Quality Chemistry Sampling Points Name: Ffrwdwyll Reach: Confluence Cwm Wernderi To Varteg Road Bridge Estimated Distance: 3.20 Objective: Not Supplied Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1994 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1995 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1996 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1997 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1998 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1999 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2000 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2001 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2002 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2003 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2004 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2005 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2006 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2007 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2008 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2009 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied	A12NW (E)	605	3	277244 188929

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
67	River Quality Chemistry Sampling Points Name: Afan Reach: Dock Intake Weir To M4 Motorway Estimated Distance: 0.70 Objective: Not Supplied Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1994 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1995 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1996 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1997 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1998 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1999 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2000 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2001 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2002 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2003 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2004 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2005 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2006 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2007 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2008 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2009 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied	A18SW (N)	997	3	276047 189727
68	Substantiated Pollution Incident Register Authority: Natural Resources Wales Incident Date: 22nd August 2016 Incident Reference: 1606170 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Oils And Fuel: Gas And Fuel Oils	A11SW (SE)	175	2	276751 188504
69	Substantiated Pollution Incident Register Authority: Natural Resources Wales Incident Date: 8th July 2020 Incident Reference: 2004901 Water Impact: Category 4 - No Impact Air Impact: Category 2 - Significant Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Atmospheric pollutants and Effects: Noise	A12SW (E)	499	2	277110 188453

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
70	Substantiated Pollution Incident Register Authority: Natural Resources Wales Incident Date: 21st December 2020 Incident Reference: 2008794 Water Impact: Category 4 - No Impact Air Impact: Category 2 - Significant Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Atmospheric pollutants and Effects: Noise	A12NW (E)	723	2	277404 188711
71	Substantiated Pollution Incident Register Authority: Natural Resources Wales Incident Date: 15th September 2018 Incident Reference: 1805920 Water Impact: Category 4 - No Impact Air Impact: Category 2 - Significant Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Atmospheric pollutants and Effects: Noise	A7SE (SE)	782	2	277098 187960
72	Substantiated Pollution Incident Register Authority: Natural Resources Wales Incident Date: 29th March 2004 Incident Reference: 225980 Water Impact: Category 4 - No Impact Air Impact: Category 2 - Significant Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Atmospheric Pollutants and Effects: Smoke	A14NW (NW)	873	2	275885 189558
73	Substantiated Pollution Incident Register Authority: Natural Resources Wales Incident Date: 12th October 2003 Incident Reference: 195725 Water Impact: Category 4 - No Impact Air Impact: Category 2 - Significant Incident Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Atmospheric Pollutants and Effects: Smoke Pollutant: Oils And Fuel: Gas And Fuel Oils Pollutant: Asbestos Waste	A19SW (N)	893	2	276597 189657
74	Substantiated Pollution Incident Register Authority: Natural Resources Wales Incident Date: 27th February 2014 Incident Reference: 1212608 Water Impact: Category 4 - No Impact Air Impact: Category 4 - No Impact Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Specific Waste Materials: Tyres	A18SE (N)	982	2	276156 189738
75	Water Abstractions Operator: Civil And Marine Ltd Licence Number: 21/58/61/0042 Permit Version: 3 Location: Civil & Marine Slag Cement Ltd Quay At Port Talbot Docks Authority: Environment Agency, Welsh Region Abstraction: Other Industrial/Commercial/Public Services: Dust Suppression Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Civil & Marine Slag Cement Ltd Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 12th September 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A10NE (NW)	108	3	276240 188860



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
75	Water Abstractions Operator: Civil And Marine Ltd Licence Number: 21/58/61/0042 Permit Version: 2 Location: Civil & Marine Slag Cement Ltd Quay At Port Talbot Docks Authority: Environment Agency, Welsh Region Abstraction: Other Industrial/Commercial/Public Services: Dust Suppression Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Civil & Marine Slag Cement Ltd Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th October 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A10NE (NW)	108	3	276240 188860
75	Water Abstractions Operator: Civil & Marine Slag Cement Ltd Licence Number: 21/58/61/0042 Permit Version: 1 Location: Civil & Marine Slag Cement Ltd Quay At Port Talbot Docks Authority: Environment Agency, Welsh Region Abstraction: Other Industrial/Commercial/Public Services: Dust Suppression Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Civil & Marine Slag Cement Ltd Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A10NE (NW)	108	3	276240 188860
75	Water Abstractions Operator: Civil And Marine Ltd Licence Number: 21/58/61/0042 Permit Version: 5 Location: Port Talbot Docks Port Talbot Authority: Natural Resources Wales Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Port Talbot Docks, Port Talbot Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st May 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A10NE (NW)	130	2	276230 188880
75	Water Abstractions Operator: Civil And Marine Ltd Licence Number: 21/58/61/0042 Permit Version: 4 Location: Port Talbot Docks Port Talbot Authority: Environment Agency, Welsh Region Abstraction: Other Industrial/Commercial/Public Services: Dust Suppression Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Port Talbot Docks, Port Talbot Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 21st May 2010 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A10NE (NW)	130	3	276230 188880



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
75	Water Abstractions Operator: Civil And Marine Ltd Licence Number: 21/58/61/0042 Permit Version: 4 Location: Port Talbot Docks Port Talbot Authority: Environment Agency, Welsh Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Port Talbot Docks, Port Talbot Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 21st May 2010 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A10NE (NW)	130	3	276230 188880
75	Water Abstractions Operator: Civil And Marine Ltd Licence Number: 21/58/61/0042 Permit Version: Not Supplied Location: Abstraction From Port Tallbot Dock Authority: Natural Resources Wales Abstraction: Other Industrial/Commercial/Public Services: Process 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: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A10NE (NW)	130	2	276230 188880
76	Water Abstractions Operator: Tata Steel Uk Limited Licence Number: 21/58/61/0012 Permit Version: 101 Location: Port Talbot Docks Authority: Natural Resources Wales Abstraction: Metal: 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: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 12th November 2010 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11SE (E)	240	2	276890 188590
76	Water Abstractions Operator: Tata Steel Uk Limited Licence Number: 21/58/61/0012 Permit Version: 101 Location: Port Talbot Docks Authority: Natural Resources Wales Abstraction: Metal: Process 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: 12th November 2010 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11SE (E)	240	2	276890 188590



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
76	Water Abstractions Operator: Corus Uk Strip Products Licence Number: 21/58/61/0012 Permit Version: 100 Location: Port Talbot Docks Authority: Environment Agency, Welsh Region Abstraction: Metal: 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: Port Talbot Docks Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A11SE (E)	240	3	276890 188590
76	Water Abstractions Operator: Tata Steel Uk Limited Licence Number: 21/58/61/0012 Permit Version: Not Supplied Location: Land At British Steel Authority: Natural Resources Wales Abstraction: Metal: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from any point within an area Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11SE (E)	240	2	276890 188590
76	Water Abstractions Operator: Tata Steel Uk Limited Licence Number: 21/58/61/0012 Permit Version: Not Supplied Location: Land At British Steel Authority: Natural Resources Wales Abstraction: Metal: Process Water Abstraction Type: Water may be abstracted from any point within an area Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11SE (E)	240	2	276890 188590
76	Water Abstractions Operator: Corus Uk Strip Products Licence Number: 21/58/61/0012 Permit Version: 100 Location: Port Talbot Docks Authority: Environment Agency, Welsh Region Abstraction: Metal: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Licenced from 01-Jan to 31-Dec Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11SE (E)	243	3	276890 188585



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
77	Water Abstractions Operator: Costain Limited Licence Number: Wa/058/0061/004 Permit Version: 1 Location: Port Talbot Dock At Margam Moors Authority: Environment Agency, Welsh Region Abstraction: Construction: Dust Suppression Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Margam Moors - Port Talbot Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 5th August 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11NE (NE)	364	3	276967 188933
78	Water Abstractions Operator: Corus Uk Strip Products Licence Number: 21/58/61/0024 Permit Version: 100 Location: River Ffrwdwyllt Authority: Environment Agency, Welsh Region Abstraction: Metal: Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Licenced from 01-Jan to 31-Dec Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12NW (E)	495	3	277150 188865
78	Water Abstractions Operator: Tata Steel Uk Limited Licence Number: 21/58/61/0024 Permit Version: 101 Location: River Ffrwdwyllt Authority: Natural Resources Wales Abstraction: Metal: Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 12th November 2010 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12NW (E)	496	2	277150 188870
78	Water Abstractions Operator: Tata Steel Uk Limited Licence Number: 21/58/61/0024 Permit Version: 101 Location: River Ffrwdwyllt Authority: Natural Resources Wales Abstraction: Metal: Process 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: 12th November 2010 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12NW (E)	496	2	277150 188870



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
78	Water Abstractions Operator: Corus Uk Strip Products Licence Number: 21/58/61/0024 Permit Version: 100 Location: River Ffrwdwyllt Authority: Environment Agency, Welsh Region Abstraction: Metal: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: River Ffrwdwyllt Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A12NW (E)	496	3	277150 188870
78	Water Abstractions Operator: Tata Steel Uk Limited Licence Number: 21/58/61/0024 Permit Version: Not Supplied Location: Land At British Steel, Port Talbot Authority: Natural Resources Wales Abstraction: Metal: Evaporative Cooling Abstraction Type: Water may be abstracted from any point within an area Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12NW (E)	496	2	277150 188870
78	Water Abstractions Operator: Tata Steel Uk Limited Licence Number: 21/58/61/0024 Permit Version: Not Supplied Location: Land At British Steel, Port Talbot Authority: Natural Resources Wales Abstraction: Metal: Process Water Abstraction Type: Water may be abstracted from any point within an area Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12NW (E)	496	2	277150 188870
79	Water Abstractions Operator: Corus Uk Strip Products Licence Number: 21/58/61/0009 Permit Version: 100 Location: River Afan To Port Talbot Docks Authority: Environment Agency, Welsh Region Abstraction: Metal: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Licenced from 01-Jan to 31-Dec Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18SW (NW)	971	3	275980 189685



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
79	Water Abstractions Operator: Tata Steel Uk Limited Licence Number: 21/58/61/0009 Permit Version: 101 Location: River Afan To Port Talbot Docks Authority: Natural Resources Wales Abstraction: Metal: Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 12th November 2010 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18SW (NW)	976	2	275980 189690
79	Water Abstractions Operator: Tata Steel Uk Limited Licence Number: 21/58/61/0009 Permit Version: 101 Location: River Afan To Port Talbot Docks Authority: Natural Resources Wales Abstraction: Metal: Process 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: 12th November 2010 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18SW (NW)	976	2	275980 189690
79	Water Abstractions Operator: Corus Uk Strip Products Licence Number: 21/58/61/0009 Permit Version: 100 Location: River Afan To Port Talbot Docks Authority: Environment Agency, Welsh Region Abstraction: Metal: Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: River Afan To Port Talbot Docks Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18SW (NW)	976	3	275980 189690
79	Water Abstractions Operator: Tata Steel Uk Limited Licence Number: 21/58/61/0009 Permit Version: Not Supplied Location: Land At British Steel, Port Talbot Authority: Natural Resources Wales Abstraction: Metal: Evaporative Cooling Abstraction Type: Water may be abstracted from any point within an area Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18SW (NW)	976	2	275980 189690



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
79	Water Abstractions Operator: Tata Steel Uk Limited Licence Number: 21/58/61/0009 Permit Version: Not Supplied Location: Land At British Steel, Port Talbot Authority: Natural Resources Wales Abstraction: Metal: Process Water Abstraction Type: Water may be abstracted from any point within an area Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18SW (NW)	976	2	275980 189690
	Water Abstractions Operator: Environment Agency Licence Number: Wa/058/0061/007 Permit Version: Not Supplied Location: Not Supplied Authority: Natural Resources Wales Abstraction: Impounding Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18SW (N)	1023	2	276054 189756
	Water Abstractions Operator: Costain Limited Licence Number: Wa/058/0034/001 Permit Version: 1 Location: Arnallt Culvert-Brook Port Talbot Authority: Environment Agency, Welsh Region Abstraction: Construction: Dust Suppression Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Margam Moors, Port Talbot, West Glamorgan Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 5th August 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(SE)	1529	3	277820 187673
80	Water Industry Act Referrals Name: Dwr Cymru Cyfyngedig Location: Afan Wwtw, Phoenix Wharf, Harbour Road, Port Talbot, Sa13 1ra Authority: Natural Resources Wales Permit Reference: BP0284701 Dated: 26th March 2021 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 has been authorised and any conditions apply to the operator Positional Accuracy: Manually positioned within the geographical locality	A11NW (E)	49	2	276703 188654
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: >70% Superficial: >90% Patchiness: >10m Superficial Thickness: >10m Superficial Recharge: High	A10NE (SE)	0	2	276417 188657

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A10NE (SE)	0	2	276417 188657
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A10NE (SE)	0	2	276417 188657
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (E)	14	2	276666 188732
	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	A11NW (E)	15	2	276657 188741
	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	A11NW (E)	15	2	276675 188729
	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	A11NW (E)	15	2	276684 188726
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial/Tidal Models Boundary Accuracy: As Supplied	A11NW (NE)	15	2	276491 188784
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (E)	16	2	276681 188727
	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	A11NW (NE)	17	2	276492 188782
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (E)	17	2	276691 188721
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	19	2	276623 188755
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	21	2	276604 188760
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	22	2	276540 188778
	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	A11NW (NE)	22	2	276589 188765
	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	A11NW (NE)	22	2	276555 188775
	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	A11NW (NE)	22	2	276612 188758
	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	A11NW (NE)	22	2	276537 188777



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	A11NW (NE)	22	2	276619 188757
	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	A11NW (NE)	22	2	276506 188784
	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	A11NW (NE)	22	2	276500 188786
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	22	2	276567 188771
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	22	2	276514 188783
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	22	2	276530 188780
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	22	2	276574 188769
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	22	2	276615 188758
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	22	2	276499 188786
	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	A11NW (NE)	23	2	276520 188782
	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	A11NW (NE)	23	2	276528 188780
	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	A11NW (NE)	23	2	276548 188776
	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	A11NW (NE)	23	2	276508 188786
	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	A11NW (NE)	23	2	276565 188771
	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	A11NW (NE)	23	2	276573 188769
	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	A11NW (NE)	23	2	276601 188763

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: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	23	2	276563 188772
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	23	2	276502 188786
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	23	2	276552 188774
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	23	2	276524 188781
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	24	2	276508 188786
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	25	2	276599 188763
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	26	2	276482 188793
	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	A11NW (NE)	30	2	276482 188798
	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	A11NW (E)	31	2	276711 188711
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (E)	33	2	276714 188710
	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	A11NW (E)	41	2	276722 188706
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (N)	42	2	276473 188812
	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	A11NW (N)	46	2	276468 188818
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (E)	46	2	276727 188706
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (N)	50	2	276465 188822
	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	A11NW (N)	54	2	276464 188826



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	A11NW (E)	54	2	276735 188704
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (E)	55	2	276736 188704
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (N)	59	2	276459 188833
	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	A11NW (E)	59	2	276740 188704
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (E)	60	2	276741 188704
	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	A11NW (N)	62	2	276461 188835
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (N)	68	2	276453 188843
	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	A11NW (N)	75	2	276451 188851
	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	A11NW (E)	77	2	276755 188689
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (E)	79	2	276756 188684
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (N)	80	2	276449 188856
	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	A11NW (E)	83	2	276759 188679
	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	A10NE (NW)	84	2	276180 188831
	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	A10NE (NW)	84	2	276161 188817
	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	A10NE (NW)	84	2	276145 188813
	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	A11NW (N)	84	2	276447 188861

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	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NE (NW)	84	2	276157 188817
	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	A10NE (NW)	85	2	276139 188814
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NE (NW)	85	2	276164 188820
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NE (NW)	86	2	276142 188814
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NE (NW)	86	2	276129 188811
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NE (NW)	86	2	276134 188812
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (N)	87	2	276445 188865
	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	A10NE (NW)	87	2	276124 188808
	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	A10NE (NW)	87	2	276132 188812
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NE (NW)	89	2	276121 188807
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NE (NW)	90	2	276119 188808
	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	A10NE (NW)	90	2	276119 188808
	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	A10NE (NW)	91	2	276117 188807
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NE (NW)	92	2	276114 188808
	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	A10NE (NW)	94	2	276109 188805
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NE (NW)	96	2	276107 188805

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	A10NE (NW)	97	2	276105 188806
	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	A11NW (N)	97	2	276437 188877
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NE (NW)	98	2	276102 188804
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NE (NW)	98	2	276180 188836
	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	A10NE (NW)	99	2	276182 188839
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (N)	100	2	276437 188880
	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	A10NE (NW)	102	2	276095 188803
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NE (NW)	103	2	276092 188802
	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	A10NE (NW)	105	2	276088 188800
	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	A11NW (N)	107	2	276429 188889
	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	A10NE (NW)	108	2	276182 188847
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NE (NW)	108	2	276183 188846
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NE (NW)	110	2	276181 188848
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NW (NW)	110	2	276079 188799
	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	A10NE (N)	111	2	276342 188886
	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	A10NE (NW)	113	2	276182 188851



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: Fluvial Models Boundary Accuracy: As Supplied	A11NW (N)	113	2	276426 188896
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NE (NW)	114	2	276319 188885
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NE (N)	115	2	276380 188900
	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	A10NE (N)	115	2	276390 188900
	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	A10NE (N)	115	2	276376 188898
	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	A10NW (W)	115	2	276072 188796
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NE (N)	115	2	276374 188898
	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	A10NE (N)	116	2	276418 188900
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NE (N)	117	2	276415 188903
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NE (N)	117	2	276395 188903
	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	A10NE (N)	118	2	276406 188904
	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	A10NE (N)	118	2	276400 188904
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NW (W)	118	2	276069 188797
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NE (N)	118	2	276401 188904
	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	A10NW (W)	120	2	276066 188797
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NW (W)	124	2	276062 188798



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	A10NW (W)	127	2	276060 188800
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NE (E)	127	2	276795 188654
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NW (W)	130	2	276059 188805
	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	A10NW (NW)	132	2	276059 188807
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NW (NW)	134	2	276059 188811
	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	A10NW (W)	135	2	276048 188795
	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	A11NE (E)	135	2	276802 188648
	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	A10NW (NW)	136	2	276059 188813
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NW (W)	139	2	276041 188791
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NW (NW)	139	2	276056 188814
	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	A10NW (NW)	139	2	276055 188813
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NE (E)	139	2	276806 188648
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NW (NW)	141	2	276052 188814
	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	A10NW (W)	142	2	276039 188791
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NW (W)	143	2	276037 188790
	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	A10NW (NW)	144	2	276048 188812

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	A11NE (E)	148	2	276814 188642
	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	A10NW (W)	149	2	276029 188787
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NW (W)	149	2	276042 188812
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NW (W)	152	2	276026 188788
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11SE (E)	154	2	276818 188638
	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	A10NW (W)	155	2	276022 188787
	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	A11SE (E)	157	2	276820 188636
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NW (W)	161	2	276016 188786
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11SE (E)	162	2	276825 188633
	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	A10NW (W)	169	2	276006 188782
	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	A11SE (E)	172	2	276834 188628
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NW (W)	174	2	276000 188780
	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	A10NW (W)	175	2	276000 188780
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11SE (E)	178	2	276838 188625
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NW (W)	178	2	275996 188780
	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	A10NW (W)	180	2	275994 188780



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: Fluvial Models Boundary Accuracy: As Supplied	A10NW (W)	187	2	275986 188778
	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	A10NW (W)	188	2	275985 188777
	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	A11SE (E)	190	2	276848 188618
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11SE (E)	192	2	276850 188616
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NW (W)	192	2	275981 188777
	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	A10NW (W)	195	2	275978 188776
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (N)	196	2	276530 188957
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NW (W)	199	2	275973 188773
	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	A10NW (W)	201	2	275971 188774
	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	A11NW (NE)	202	2	276638 188938
	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	A11NW (NE)	203	2	276593 188949
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	203	2	276602 188947
	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	A11NW (NE)	204	2	276625 188943
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	204	2	276588 188951
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	204	2	276634 188939
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	204	2	276610 188945



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: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	204	2	276656 188933
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NW (W)	205	2	275967 188774
	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	A11NW (NE)	205	2	276659 188934
	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	A11NW (NE)	205	2	276619 188944
	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	A11NW (NE)	205	2	276613 188946
	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	A11NW (NE)	205	2	276603 188949
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	205	2	276616 188945
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	205	2	276624 188943
	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	A10NW (W)	209	2	275963 188771
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	211	2	276692 188931
	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	A11NW (NE)	212	2	276695 188932
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NW (W)	212	2	275959 188771
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	220	2	276716 188935
	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	A11NW (NE)	221	2	276719 188934
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	222	2	276722 188935
	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	A11NW (NE)	226	2	276727 188937

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: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	228	2	276732 188937
	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	A11NW (NE)	231	2	276734 188940
	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	A15SW (NE)	231	2	276582 188981
	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	A15SW (N)	234	2	276540 188994
	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	A11SE (E)	237	2	276885 188587
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A15SW (N)	238	2	276541 188998
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11SE (E)	241	2	276887 188584
	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	A10NW (W)	244	2	275926 188768
	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	A15SW (N)	244	2	276543 189003
	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	A10NW (W)	249	2	275921 188768
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NW (W)	249	2	275922 188768
	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	A11NW (E)	15	2	276684 188726
	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	A11NW (E)	15	2	276675 188729
	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	A11NW (E)	15	2	276657 188741
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial/Tidal Models Boundary Accuracy: As Supplied	A11NW (NE)	16	2	276491 188784
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (E)	16	2	276681 188727

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (E)	16	2	276669 188734
	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	A11NW (NE)	17	2	276492 188782
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (E)	17	2	276691 188721
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	19	2	276628 188754
	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	A11NW (E)	21	2	276700 188716
	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	A11NW (NE)	22	2	276500 188786
	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	A11NW (NE)	22	2	276506 188784
	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	A11NW (NE)	22	2	276610 188760
	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	A11NW (NE)	22	2	276589 188765
	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	A11NW (NE)	22	2	276555 188775
	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	A11NW (NE)	22	2	276537 188777
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	22	2	276623 188755
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	22	2	276567 188771
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	22	2	276530 188780
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	22	2	276514 188783
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	22	2	276499 188786

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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	A11NW (NE)	23	2	276508 188786
	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	A11NW (NE)	23	2	276520 188782
	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	A11NW (NE)	23	2	276626 188756
	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	A11NW (NE)	23	2	276601 188763
	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	A11NW (NE)	23	2	276581 188767
	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	A11NW (NE)	23	2	276528 188780
	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	A11NW (NE)	23	2	276573 188769
	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	A11NW (NE)	23	2	276565 188771
	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	A11NW (NE)	23	2	276548 188776
	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	A11NW (NE)	23	2	276542 188778
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	23	2	276502 188786
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	23	2	276585 188767
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	23	2	276563 188772
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	23	2	276540 188778
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	23	2	276545 188777
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	23	2	276524 188781

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	23	2	276577 188770
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	23	2	276552 188774
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (E)	24	2	276704 188716
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	24	2	276607 188761
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	24	2	276508 188786
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	25	2	276599 188763
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	25	2	276575 188769
	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	A11NW (NE)	26	2	276576 188770
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	26	2	276482 188793
	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	A11NW (E)	29	2	276710 188712
	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	A11NW (NE)	29	2	276483 188797
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (E)	33	2	276714 188710
	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	A11NW (E)	36	2	276717 188711
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (N)	42	2	276473 188812
	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	A11NW (N)	46	2	276468 188818
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (E)	49	2	276730 188708

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (N)	50	2	276465 188822
	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	A11NW (E)	54	2	276735 188704
	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	A11NW (N)	54	2	276464 188826
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (E)	55	2	276736 188704
	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	A11NW (E)	59	2	276740 188704
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (N)	59	2	276459 188833
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (E)	60	2	276741 188704
	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	A11NW (N)	62	2	276461 188835
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (N)	71	2	276455 188846
	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	A11NW (N)	73	2	276453 188849
	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	A11NW (E)	77	2	276755 188689
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (N)	80	2	276449 188856
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (E)	81	2	276758 188683
	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	A11NW (N)	82	2	276449 188859
	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	A11NW (E)	83	2	276759 188679
	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	A10NE (NW)	84	2	276180 188831



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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	A10NE (NW)	84	2	276148 188816
	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	A10NE (NW)	85	2	276139 188814
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NE (NW)	86	2	276142 188814
	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	A10NE (NW)	87	2	276128 188812
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NE (NW)	87	2	276150 188818
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (N)	87	2	276445 188865
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NE (NW)	89	2	276129 188811
	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	A11NW (N)	95	2	276440 188874
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NE (NW)	98	2	276180 188836
	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	A10NE (NW)	99	2	276182 188839
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (N)	100	2	276437 188880
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NE (NW)	101	2	276099 188806
	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	A10NE (NW)	102	2	276097 188805
	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	A11NW (N)	103	2	276434 188884
	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	A10NE (N)	111	2	276342 188886
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NE (NW)	111	2	276183 188851



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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	A10NE (NW)	113	2	276182 188851
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (N)	113	2	276426 188896
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NW (NW)	114	2	276077 188800
	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	A10NW (W)	115	2	276074 188798
	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	A10NE (N)	115	2	276390 188900
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NE (N)	115	2	276334 188892
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NE (N)	115	2	276380 188900
	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	A10NE (N)	116	2	276418 188900
	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	A10NE (N)	118	2	276406 188904
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NE (N)	118	2	276397 188904
	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	A10NE (N)	119	2	276410 188904
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NE (N)	119	2	276410 188904
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NE (N)	119	2	276413 188904
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NE (E)	127	2	276795 188654
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NW (W)	130	2	276059 188805
	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	A11NE (E)	131	2	276799 188651



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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	A10NW (NW)	132	2	276059 188807
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NW (NW)	134	2	276059 188811
	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	A10NW (W)	135	2	276048 188795
	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	A10NW (NW)	136	2	276059 188813
	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	A10NW (NW)	139	2	276055 188813
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NE (E)	139	2	276806 188648
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NW (NW)	139	2	276056 188814
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NW (NW)	141	2	276052 188814
	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	A10NW (NW)	144	2	276048 188812
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NW (W)	144	2	276036 188790
	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	A11NE (E)	145	2	276812 188644
	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	A10NW (W)	149	2	276029 188787
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NW (W)	149	2	276042 188812
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NW (W)	152	2	276026 188788
	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	A10NW (W)	153	2	276025 188788
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11SE (E)	154	2	276818 188638

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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	A11SE (E)	157	2	276820 188636
	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	A10NW (W)	161	2	276016 188786
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NW (W)	161	2	276016 188786
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11SE (E)	162	2	276825 188633
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NW (W)	167	2	276009 188783
	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	A10NW (W)	168	2	276007 188784
	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	A11SE (E)	172	2	276834 188628
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11SE (E)	178	2	276838 188625
	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	A11SE (E)	188	2	276847 188619
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11SE (E)	192	2	276850 188616
	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	A11NW (N)	195	2	276520 188959
	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	A11NW (N)	196	2	276535 188956
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (N)	196	2	276531 188957
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (N)	199	2	276518 188963
	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	A11NW (NE)	200	2	276562 188955
	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	A11NW (NE)	202	2	276640 188937



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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	A11NW (N)	202	2	276518 188966
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	202	2	276551 188958
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	202	2	276558 188957
	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	A11NW (NE)	203	2	276553 188959
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	203	2	276602 188947
	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	A11NW (NE)	204	2	276620 188943
	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	A11NW (NE)	204	2	276661 188932
	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	A11NW (NE)	204	2	276625 188943
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	204	2	276656 188933
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	204	2	276634 188939
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	204	2	276610 188945
	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	A11NW (NE)	205	2	276603 188949
	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	A11NW (NE)	205	2	276613 188946
	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	A11SE (E)	205	2	276860 188608
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NW (W)	205	2	275967 188774
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	205	2	276624 188943

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	205	2	276616 188945
	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	A10NW (W)	207	2	275964 188773
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11SE (E)	211	2	276865 188605
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NW (W)	212	2	275959 188771
	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	A10NW (W)	214	2	275957 188771
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NW (W)	217	2	275954 188770
	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	A11NW (NE)	220	2	276719 188934
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	220	2	276716 188935
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A15SW (N)	221	2	276527 188984
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	222	2	276724 188933
	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	A11NW (NE)	226	2	276727 188937
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	228	2	276732 188937
	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	A15SW (N)	229	2	276531 188991
	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	A11NW (NE)	231	2	276734 188940
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A15SW (N)	233	2	276536 188994
	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	A15SW (N)	234	2	276540 188994

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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	A11SE (E)	235	2	276883 188589
	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	A10NW (W)	237	2	275934 188773
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NW (W)	242	2	275929 188771
	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	A10NW (W)	244	2	275926 188768
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
81	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 566.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ffrwd Wyllt Catchment Name: Afan Primacy: 1	A11NW (NE)	102	5	276534 188891
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 32.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Afan Primacy: 1	A10NE (NW)	118	5	276230 188867
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Afan Primacy: 1	A10NE (NW)	118	5	276243 188870
84	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 36.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Afan Primacy: 1	A10NE (NW)	118	5	276278 188879
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Afan Primacy: 1	A10NE (NW)	118	5	276292 188882
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 31.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Afan Primacy: 1	A10NE (N)	118	5	276323 188889



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
87	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 164.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Afan Primacy: 1	A11NE (E)	122	5	276786 188778
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 402.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Kenfig Primacy: 1	A10SE (S)	124	5	276379 188410
89	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 352.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ffrwd Wylt Catchment Name: Afan Primacy: 1	A11NE (E)	126	5	276786 188778
90	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 669.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ffrwd Wylt Catchment Name: Afan Primacy: 1	A14SE (NW)	193	5	276280 188986
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 369.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Kenfig Primacy: 1	A10SE (S)	219	5	276363 188315
92	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 956.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Afan Primacy: 2	A14SE (NW)	222	5	276280 188986
93	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 185.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Kenfig Primacy: 1	A6NE (S)	328	5	276274 188229
94	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Kenfig Primacy: 1	A6NE (SW)	352	5	276091 188256
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 88.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Kenfig Primacy: 1	A6NW (SW)	354	5	276081 188258

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 313.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ffrwd Wylt Catchment Name: Afan Primacy: 1	A15SE (NE)	386	5	276884 189037
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ffrwd Wylt Catchment Name: Afan Primacy: 1	A12NW (E)	488	5	277137 188882
98	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 99.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ffrwd Wylt Catchment Name: Afan Primacy: 1	A12NW (E)	489	5	277138 188882
99	OS Water Network Lines Watercourse Form: Lock or flight of locks Watercourse Length: 145.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ffrwd Wylt Catchment Name: Afan Primacy: 1	A9NE (W)	536	5	275638 188813
100	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 693.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Arnallt Brook Catchment Name: Afan Primacy: 1	A12NW (E)	586	5	277229 188916
101	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ffrwd Wylt Catchment Name: Afan Primacy: 1	A12NW (E)	586	5	277229 188916
102	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 174.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Kenfig Primacy: 1	A7SW (S)	596	5	276564 187898
103	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Kenfig Primacy: 1	A7SW (S)	600	5	276717 187927
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ffrwd Wylt Catchment Name: Afan Primacy: 1	A12NW (E)	607	5	277246 188930

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
105	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 301.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ffrwd Wylt Catchment Name: Afan Primacy: 1	A12NW (E)	621	5	277258 188939
106	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 75.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ffrwd Wylt Catchment Name: Afan Primacy: 1	A9NE (W)	673	5	275496 188780
107	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 423.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Afan Catchment Name: Afan Primacy: 1	A9NE (W)	728	5	275452 188864
108	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 777.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Afan Catchment Name: Afan Primacy: 1	A9NE (W)	749	5	275420 188776
109	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Afan Primacy: 1	A13SE (NW)	757	5	275560 189182
110	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 360.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Kenfig Primacy: 1	A6SE (S)	766	5	276359 187751
111	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 125.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Afan Catchment Name: Afan Primacy: 1	A13SE (NW)	791	5	275530 189200
112	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 126.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Afan Catchment Name: Afan Primacy: 2	A13SE (NW)	794	5	275516 189185
113	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 697.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Afan Catchment Name: Afan Primacy: 1	A13SE (NW)	844	5	275545 189302

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
114	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ffrwd Wylt Catchment Name: Afan Primacy: 1	A16SW (NE)	885	5	277435 189172
115	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 411.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ffrwd Wylt Catchment Name: Afan Primacy: 1	A16SW (NE)	886	5	277435 189173
116	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 158.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Afan Primacy: 2	A14NW (NW)	902	5	275919 189599
117	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Afan Primacy: 2	A18SW (N)	968	5	276036 189695
118	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 14.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Afan Catchment Name: Afan Primacy: 1	A18SW (N)	978	5	276027 189703
119	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Afan Catchment Name: Afan Primacy: 1	A18SW (N)	978	5	276029 189704
120	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 42.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Afan Catchment Name: Afan Primacy: 1	A18SW (N)	981	5	276039 189709
121	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Afan Primacy: 1	A16SE (NE)	985	5	277491 189269
122	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 21.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Afan Catchment Name: Afan Primacy: 2	A18SW (N)	991	5	276017 189714

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
123	Licensed Waste Management Facilities (Locations) Licence Number: 102486 Location: Llewellyn's Road, Llewellyn's Quay, Port Talbot, SA13 1RA Operator Name: Construction Recyclate Management Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: HCI Waste TS + treatment + asbestos Licence Status: Issued Issued: 7th June 2011 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	A15SW (NE)	274	2	276680 189000
123	Licensed Waste Management Facilities (Locations) Licence Number: UP3296EX Location: Llewellyn's Quay Recycling Centre, Port Talbot, Glamorgan, Neath Port Talbot, SA13 1RA Operator Name: Construction Recyclate Management Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: HCI Waste TS + treatment + asbestos Licence Status: Expired Issued: 7th June 2011 Last Modified: Not Supplied Expires: 27th April 2021 Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15SW (NE)	274	2	276680 189000
124	Licensed Waste Management Facilities (Locations) Licence Number: JP3598FX Location: Asbestos Store, Port Talbot, N P T, Neath Port Talbot, SA13 1RF Operator Name: Avalon Insulation Services Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Effective Issued: 25th July 2006 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	A15SW (NE)	276	2	276746 188983
124	Licensed Waste Management Facilities (Locations) Licence Number: JP3598FX Location: Asbestos Store, Port Talbot, N P T, Neath Port Talbot, SA13 1RF Operator Name: Avalon Insulation Services Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Special Waste Transfer Stations Licence Status: Effective Issued: 25th July 2006 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	A15SW (NE)	276	2	276746 188983

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
125	Licensed Waste Management Facilities (Locations) Licence Number: BB3195CB Location: Talbot Wharf, Riverside Road, Port Talbot Docks, Port Talbot, Neath Port Talbot, Neath Port Talbot, SA13 1RE Operator Name: Associated British Ports Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Effective Issued: 4th March 2019 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	A14SW (NW)	546	2	275855 189179
126	Licensed Waste Management Facilities (Locations) Licence Number: YP3298FE Location: South Wales Jap Spares Ltd, Port Talbot, N P T, Neath Port Talbot, SA13 1LU Operator Name: South Wales Jap Spares Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: End of Life Vehicles Licence Status: Expired Issued: 21st November 2005 Last Modified: Not Supplied Expires: 2nd February 2010 Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12SE (E)	823	2	277470 188473
127	Licensed Waste Management Facilities (Locations) Licence Number: LB3933DA Location: Port Talbot Recovery Centre, Former Byass Works, Docks Road, Port Talbot, N P T, Neath Port Talbot, SA13 1RS Operator Name: Egan Metal Recycling Limited Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Expired Issued: 25th August 2006 Last Modified: Not Supplied Expires: 14th November 2015 Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18SE (N)	914	2	276183 189674
127	Licensed Waste Management Facilities (Locations) Licence Number: 34283 Location: Former Byass Works, Docks Road, Port Talbot, SA13 1RS Operator Name: Egan Metal Recycling Limited Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Modified Issued: 25th August 2006 Last Modified: 4th 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 10m	A18SE (N)	914	2	276183 189674

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
127	Licensed Waste Management Facilities (Locations) Licence Number: AB3895CN Location: Byass Works, The Docks, Port Talbot, Neath Port Talbot, SA13 1RS Operator Name: A W D Group Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: HCI Waste TS + treatment Licence Status: Effective Issued: 18th September 2018 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	A18SE (N)	919	2	276190 189681
128	Licensed Waste Management Facilities (Locations) Licence Number: 34154 Location: Old Byass Works, Docks Road, Port Talbot, N P T, SA13 1ER Operator Name: Jem Recycling Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Expired Issued: 1st April 1998 Last Modified: Not Supplied Expires: 1st April 2000 Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18SE (N)	958	2	276100 189700
128	Licensed Waste Management Facilities (Locations) Licence Number: 34142 Location: Old Byass Works, Docks Road, Port Talbot, N P T, SA13 1ER Operator Name: Jem Recycling Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Expired Issued: 24th December 1996 Last Modified: Not Supplied Expires: 1st April 2000 Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18SE (N)	958	2	276100 189700
128	Licensed Waste Management Facilities (Locations) Licence Number: 34168 Location: Old Byass Works, Docks Road, Port Talbot, N P T, SA13 1ER Operator Name: Jem Recycling Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Expired Issued: 30th March 1994 Last Modified: Not Supplied Expires: 1st April 2000 Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18SE (N)	958	2	276100 189700
	Local Authority Landfill Coverage Name: Neath Port Talbot County Borough Council - Has supplied landfill data		0	4	276417 188657
129	Local Authority Recorded Landfill Sites Location: Morfa Newydd Refuse Tips Reference: Not Supplied Authority: Neath Port Talbot County Borough Council, Environmental Health Department Last Reported Status: Not Supplied Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Located by supplier to within 100m Boundary Quality: Not Applicable	A6SE (S)	709	4	276400 187800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
130	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A5NE (SW)	633	-	275743 188136
131	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A12SW (E)	662	-	277270 188407
132	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A11NW (NE)	0	-	276436 188699
133	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A10NE (W)	0	-	276393 188664
134	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A10SE (S)	40	-	276411 188489
135	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A10NE (N)	75	-	276358 188853
136	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A11NW (N)	186	-	276520 188950
137	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A11NE (E)	253	-	276933 188691
138	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A11NE (E)	260	-	276939 188684
139	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A11SE (E)	261	-	276922 188585
140	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A6NE (S)	296	-	276326 188248
141	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A11SE (E)	319	-	276957 188547
142	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A11NE (NE)	348	-	276958 188920
143	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A7NW (SE)	359	-	276684 188172
144	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A7NW (SE)	374	-	276638 188138
145	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A7NW (SE)	383	-	276648 188132
146	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A12NW (E)	450	-	277131 188709
147	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A7NW (S)	528	-	276652 187984
148	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A14SW (NW)	532	-	276046 189250
149	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A14NE (N)	564	-	276362 189349

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
150	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A7SE (SE)	648	-	276789 187903
151	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A12SW (E)	654	-	277214 188328
152	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A15NW (NE)	708	-	276758 189428
153	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A7SW (S)	714	-	276723 187810
154	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A7SW (S)	720	-	276703 187798
155	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A7SW (S)	723	-	276689 187792
156	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A6SE (S)	729	-	276390 187781
157	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A7SW (S)	745	-	276426 187759
158	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A7SW (S)	759	-	276455 187742
159	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A13SE (NW)	762	-	275515 189126
160	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A9NE (W)	772	-	275418 188920
161	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A8NW (SE)	795	-	277240 188122
162	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A13SE (NW)	810	-	275511 189207
163	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A13SE (NW)	833	-	275566 189308
164	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1952	A13SE (NW)	865	-	275497 189278
165	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A7SW (S)	877	-	276748 187648
166	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A7SE (S)	888	-	276768 187642
167	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A7SE (SE)	962	-	276985 187649
168	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A14NW (NW)	964	-	275791 189620
169	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A18SW (NW)	974	-	275838 189661
170	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A8NE (E)	975	-	277520 188211

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
171	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A18SW (N)	976	-	276060 189709
172	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A18SW (N)	983	-	275989 189705
173	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A8NE (E)	993	-	277571 188266
174	Registered Waste Transfer Sites Licence Holder: Jem Recycling Ltd Licence Reference: SWW 158L Site Location: Byass Works, Docks Road, PORT TALBOT, West Glamorgan, SA13 1ER Operator Location: As Site Address Authority: Environment Agency Wales, South West Area Site Category: Transfer Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 24th December 1996 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 Prohibited Waste	A18SE (N)	936	3	276200 189700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
175	Registered Waste Transfer Sites Licence Holder: Port Talbot Mini Skips Licence Reference: . Site Location: rear of Byass Works, North Bank Road, The Docks, PORT TALBOT, West Glamorgan, SA13 1ER Operator Location: As Site Address Authority: Environment Agency Wales, South West Area Site Category: Transfer Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source: Waste produced/controlled by licence holder Restrictions: Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 30th March 1994 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Approximate location provided by supplier Boundary Quality: Not Supplied Authorised Waste: Construction Waste Max.Stor Glass Max.Stor Household Waste - General Plastic Max.Stor Wood Max.Stor	A18SE (N)	958	3	276100 189700
176	Registered Waste Treatment or Disposal Sites Licence Holder: Jem Recycling Ltd Licence Reference: SWW 171L Site Location: The Old Byass Works, Docks Road, PORT TALBOT, West Glamorgan, SA13 1ER Operator Location: As Site Address Authority: Environment Agency Wales, South West Area Site Category: Transfer - with Baling(compaction) Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st April 1998 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: Building Materials Cardboard/Paper/Paper Products Clay, Sand, Top/Subsoil Ferrous Metal Food Waste Hardcore, Brickwork, Concrete, Glass, Stone Max.Waste By Agreement With Env.Agency Non-Ferrous Metal Plastic Plastic Film Tarmacadam Wood/Wood Products Difficult Wastes (As In Wmp.26) Drummed Waste Liquid Wastes Sludge Wastes Spec.Waste (Epa'90:S62/1996 Regs) Waste N.O.S. Prohibited Waste:	A18SE (N)	919	3	276300 189700



Hazardous Substances

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
177	Planning Hazardous Substance Consents Name: British Oxygen Location: Bos Recovery Plant, Corus, Port Talbot Authority: Neath Port Talbot County Borough Council, Planning Department Application Ref: 08/786 Hazardous Substance: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not) Maximum Quantity: 0 Application date: Not Supplied Decision: Unknown at time of report Positional Accuracy: Manually positioned within the geographical locality	A3NE (S)	929	6	276785 187604

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: South Wales Upper Coal Measures Formation	A11NW (NE)	0	1	276437 188697
	BGS 1:625,000 Solid Geology Description: Pennine Middle Coal Measures Formation And South Wales Middle Coal Measures Formation (Undifferentiated)	A10NE (SE)	0	1	276417 188657
	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: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A10SE (SW)	0	1	276379 188603
	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: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A10NE (SE)	0	1	276417 188657
	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: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A10NE (W)	19	1	276155 188686
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A10NW (W)	168	1	276000 188657
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A6NE (S)	497	1	276417 188000

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 35 - 45 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A15SE (NE)	596	1	277050 189207
	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: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A16SW (NE)	614	1	277221 189000
	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: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13SE (NW)	617	1	275612 189000
	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: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A15SE (NE)	671	1	277000 189298
	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: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A13SE (NW)	715	1	275518 189031
	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: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13SE (W)	772	1	275463 189049

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: 35 - 45 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A7SW (S)	810	1	276597 187689
	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 - 2.2 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A16SE (E)	870	1	277500 189000
178	BGS Recorded Mineral Sites Site Name: Port Talbot Steel Slag Aggregates Location: Port Talbot Steelworks, Port Talbot, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 27196 Type: Steel Works Status: Active Operator: Tarmac (A Crh Company) Operator Location: Not Supplied Periodic Type: Not Available Geology: Ground Granulated Blast Furnace Slag - Addition, Cementitious Commodity: Blast Furnace Slag Positional Accuracy: Located by supplier to within 10m	A10NE (NW)	53	1	276290 188815
179	BGS Recorded Mineral Sites Site Name: Margam Sand Pit Location: Port Talbot, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 3050 Type: Opencast Status: Ceased Operator: Associated British Ports (Cardiff) Operator Location: Not Supplied Periodic Type: Quaternary Geology: Blown Sand Commodity: Sand Positional Accuracy: Unknown	A9SE (W)	693	1	275500 188500
	BGS Measured Urban Soil Chemistry No data available				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Urban Soil Chemistry Averages Source: British Geological Survey, National Geoscience Information Service Sample Area: Swansea Count Id: 368 Arsenic Minimum: 8.00 mg/kg Concentration: Arsenic Average: 79.00 mg/kg Concentration: Arsenic Maximum: 2161.00 mg/kg Concentration: Cadmium Minimum: 0.10 mg/kg Concentration: Cadmium Average: 2.90 mg/kg Concentration: Cadmium Maximum: 61.90 mg/kg Concentration: Chromium Minimum: 13.00 mg/kg Concentration: Chromium Average: 72.00 mg/kg Concentration: Chromium Maximum: 562.00 mg/kg Concentration: Lead Minimum: 23.00 mg/kg Concentration: Lead Average: 413.00 mg/kg Concentration: Lead Maximum: 10000.00 mg/kg Concentration: Nickel Minimum: 8.00 mg/kg Concentration: Nickel Average: 52.00 mg/kg Concentration: Nickel Maximum: 384.00 mg/kg Concentration:	A18SE (N)	908	1	276417 189700
	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.	A10NE (SE)	0	7	276417 188657
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A10NE (SE)	0	-	276417 188657
	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	A10NE (SE)	0	1	276417 188657
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NW (NE)	54	1	276520 188825
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NE (SE)	0	1	276417 188657
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NE (SE)	0	1	276417 188657
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10NE (SE)	0	1	276417 188657
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11SW (S)	44	1	276461 188471
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A10SE (SW)	46	1	276328 188504
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A10SE (S)	93	1	276419 188418
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NE (SE)	0	1	276417 188657

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10NE (SE)	0	1	276417 188657
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (NE)	18	1	276520 188825
	Radon Potential - Radon Affected Areas Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A10NE (W)	0	1	276223 188657
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A10NE (SE)	0	1	276417 188657
	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	A10NE (W)	0	1	276223 188657
	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	A10NE (SE)	0	1	276417 188657

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
180	Contemporary Trade Directory Entries Name: D M D Location: Phoenix Wharf, The Docks, Port Talbot, SA13 1RA Classification: Metal Products - Fabricated Status: Inactive Positional Accuracy: Automatically positioned to the address	A10NE (NW)	0	-	276343 188728
180	Contemporary Trade Directory Entries Name: Galliver Engineering Ltd Location: Phoenix Wharf, The Docks, Port Talbot, SA13 1RA Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A10NE (NW)	0	-	276343 188728
181	Contemporary Trade Directory Entries Name: Celtic Engineering Services Ltd Location: Phoenix Wharf, The Docks, Port Talbot, West Glamorgan, SA13 1RA Classification: Engineering Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A11SW (E)	37	-	276629 188578
182	Contemporary Trade Directory Entries Name: Compressed Air Services Ltd Location: Docks Road, The Docks, Port Talbot, SA13 1RA Classification: Air Compressors Status: Inactive Positional Accuracy: Automatically positioned to the address	A10NE (NW)	55	-	276223 188801
182	Contemporary Trade Directory Entries Name: Brynbach Coal Location: Docks Road, The Docks, Port Talbot, SA13 1RA Classification: Coal & Smokeless Fuel Merchants & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A10NE (NW)	55	-	276223 188801
183	Contemporary Trade Directory Entries Name: J E S Group Ltd Location: Phoenix Wharf, The Docks, Port Talbot, West Glamorgan, SA13 1RA Classification: Mechanical Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A11SE (E)	128	-	276773 188616
184	Contemporary Trade Directory Entries Name: Lets Personalise It Location: Kenworth Building Unit 2, Llewellyns Quay, Port Talbot, West Glamorgan, SA13 1RF Classification: T-Shirts Status: Active Positional Accuracy: Automatically positioned to the address	A15SW (NE)	284	-	276725 188998
184	Contemporary Trade Directory Entries Name: Mitsui Babcock Energy Ltd Location: Llewellyns Quay, Port Talbot, West Glamorgan, SA13 1RF Classification: Mechanical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A15SW (NE)	314	-	276755 189020
184	Contemporary Trade Directory Entries Name: J M Fabweld Ltd Location: Llewellyns Quay, Port Talbot, West Glamorgan, SA13 1RF Classification: Mechanical Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A15SW (NE)	314	-	276755 189020
184	Contemporary Trade Directory Entries Name: Pump Supplies Location: Llewellyns Quay, Port Talbot, West Glamorgan, SA13 1RF Classification: Pumps - Sales, Servicing & Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A15SW (NE)	314	-	276755 189020
184	Contemporary Trade Directory Entries Name: Pamarch (1997) Ltd Location: Llewellyns Quay, Port Talbot, West Glamorgan, SA13 1RF Classification: Coating Specialists Status: Inactive Positional Accuracy: Automatically positioned to the address	A15SW (NE)	314	-	276755 189020

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
184	Contemporary Trade Directory Entries Name: Pump Supplies Location: Llewellyns Quay, Port Talbot, West Glamorgan, SA13 1RF Classification: Pumps - Sales, Servicing & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A15SW (NE)	314	-	276755 189020
185	Contemporary Trade Directory Entries Name: Spraytech Location: Runtech, Llewellyns Quay, Llewellyns Road, Port Talbot, SA13 1RF Classification: Paint Spraying Equipment & Accessories Status: Inactive Positional Accuracy: Automatically positioned to the address	A15SW (NE)	287	-	276643 189023
186	Contemporary Trade Directory Entries Name: Runtech Ltd Location: Unit 5, Llewellyns Quay, Port Talbot, SA13 1RF Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A15SW (NE)	327	-	276691 189051
187	Contemporary Trade Directory Entries Name: Celtic Specialist Treatments Ltd Location: The Docks, Port Talbot, West Glamorgan, SA13 1RH Classification: Metal Finishing Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (NW)	337	-	276062 189052
187	Contemporary Trade Directory Entries Name: A & S Commercial Vehicle Repairs Location: A and S Commercial Repairs Ltd, Road From Riverside Road to Harbour House, Port Talbot, SA13 1RA Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (NW)	342	-	276057 189055
188	Contemporary Trade Directory Entries Name: Speedy Asset Services Location: Unit 1, Llewellyns Quay, Port Talbot, SA13 1RF Classification: Lifting Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A15SW (NE)	388	-	276667 189121
188	Contemporary Trade Directory Entries Name: Independent Cleaning Services (South Wales) Ltd Location: Llewellyns Quay, The Docks, Port Talbot, West Glamorgan, SA13 1SD Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A15SW (NE)	389	-	276668 189122
188	Contemporary Trade Directory Entries Name: J E S Port Talbot Ltd Location: Phoenix Wharf, Docks Road, The Docks, Port Talbot, West Glamorgan, SA13 1RA Classification: Machine Shops Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A15SW (NE)	389	-	276668 189122
188	Contemporary Trade Directory Entries Name: Independent Cleaning Services (South Wales) Ltd Location: Llewellyns Quay, The Docks, Port Talbot, West Glamorgan, SA13 1SD Classification: Cleaning Services - Commercial Status: Inactive Positional Accuracy: Automatically positioned to the address	A15SW (NE)	389	-	276668 189122
188	Contemporary Trade Directory Entries Name: R & R (Wales) Ltd Location: Llewellyns Quay, Port Talbot, West Glamorgan, SA13 1RF Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A15SW (NE)	408	-	276691 189135
188	Contemporary Trade Directory Entries Name: Planguard Location: Llewellyns Quay, Port Talbot, West Glamorgan, SA13 1RF Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A15SW (NE)	408	-	276691 189135

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
189	Contemporary Trade Directory Entries Name: Talbot Hydraulics Location: Unit 7, Llewellyns Quay, Port Talbot, West Glamorgan, SA13 1RF Classification: Hydraulic Equipment & Accessories - Sales & Service Status: Active Positional Accuracy: Automatically positioned to the address	A15SW (NE)	400	-	276731 189116
189	Contemporary Trade Directory Entries Name: Quay Corporate Ltd Location: Unit 3, Llewellyns Quay, Port Talbot, West Glamorgan, SA13 1RF Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A15SW (NE)	400	-	276731 189116
189	Contemporary Trade Directory Entries Name: Turner Fluidpower Location: Unit 3, Llewellyns Quay, Port Talbot, West Glamorgan, SA13 1RF Classification: Hydraulic Equipment & Accessories - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A15SW (NE)	400	-	276731 189116
189	Contemporary Trade Directory Entries Name: Corporate Manufacturing Wales Ltd Location: Unit 3, Llewellyns Quay, Port Talbot, West Glamorgan, SA13 1RF Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A15SW (NE)	400	-	276731 189116
189	Contemporary Trade Directory Entries Name: K & J Pipeline Supplies Ltd Location: UNIT 7, LLEWELLYNS QUAY, PORT TALBOT, SA13 1RF Classification: Engineering Materials Status: Active Positional Accuracy: Automatically positioned to the address	A15SW (NE)	407	-	276726 189125
190	Contemporary Trade Directory Entries Name: Ready Steel Reinforcements Location: Talbot Wharf, The Docks, Port Talbot, West Glamorgan, SA13 1RH Classification: Concrete Reinforcements Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A14SW (NW)	421	-	275830 188984
191	Contemporary Trade Directory Entries Name: Loxam Access Location: Llewellyns Quay, Port Talbot, West Glamorgan, SA13 1RF Classification: Railways Status: Inactive Positional Accuracy: Automatically positioned to the address	A15SW (NE)	468	-	276654 189207
192	Contemporary Trade Directory Entries Name: Cockburn South West Ltd Location: Kenworth Buildings, Llewellyns Quay, Port Talbot, West Glamorgan, SA13 1RF Classification: Electrical Engineers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A15SE (NE)	514	-	276824 189208
193	Contemporary Trade Directory Entries Name: W Doyle Transport Location: Llewellyns Quay, Port Talbot, SA13 1RF Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A15SW (NE)	546	-	276689 189278
194	Contemporary Trade Directory Entries Name: Rhino Doors Location: Maritime Road, Llyn Quay, The Docks, Port Talbot, West Glamorgan, SA13 1RS Classification: Door Manufacturers - Industrial Status: Active Positional Accuracy: Manually positioned to the address or location	A15SE (NE)	553	-	276790 189260
194	Contemporary Trade Directory Entries Name: Fairwood Holdings Location: Llewellyns Quay, Port Talbot, West Glamorgan, SA13 1RF Classification: Metal Products - Fabricated Status: Inactive Positional Accuracy: Automatically positioned to the address	A15SE (NE)	565	-	276784 189273

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
194	Contemporary Trade Directory Entries Name: B H L Rolls Manufacturing Ltd Location: Llewellyns Quay, The Docks, Port Talbot, West Glamorgan, SA13 1RE Classification: Metal Products - Fabricated Status: Inactive Positional Accuracy: Automatically positioned to the address	A15SE (NE)	565	-	276784 189273
194	Contemporary Trade Directory Entries Name: Fairwood Engineering Ltd Location: Llewellyns Quay, Port Talbot, West Glamorgan, SA13 1RF Classification: Precision Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A15SE (NE)	565	-	276784 189273
195	Contemporary Trade Directory Entries Name: Speedgold Ltd Location: Pierhead, The Docks, Port Talbot, West Glamorgan, SA13 1RH Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (NW)	565	-	275668 188996
196	Contemporary Trade Directory Entries Name: M R M Automotive Ltd Location: Cwrt-Ucha Terrace, Port Talbot, West Glamorgan, SA13 1LD Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A15SE (NE)	588	-	277088 189132
197	Contemporary Trade Directory Entries Name: M R M Automotive Location: Cwrt-Ucha Terrace, Port Talbot, SA13 1LD Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A15SE (NE)	595	-	277082 189147
197	Contemporary Trade Directory Entries Name: Motor Mender Location: 9, Cwrt-Ucha Terrace, Port Talbot, West Glamorgan, SA13 1LD Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A16SW (NE)	626	-	277109 189165
197	Contemporary Trade Directory Entries Name: L & J Car Repairs Location: Cwrt-Ucha Ter, Port Talbot, West Glamorgan, SA13 1LD Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A15SE (NE)	627	-	277092 189181
197	Contemporary Trade Directory Entries Name: A T Auto Location: Cwrt-Ucha Terr, Port Talbot, West Glamorgan, SA13 1LD Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A15SE (NE)	629	-	277090 189185
198	Contemporary Trade Directory Entries Name: Civil & Marine Slag Cement Ltd Location: Docks Road, The Docks, Port Talbot, West Glamorgan, SA13 1RA Classification: Cement Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A15NW (N)	604	-	276479 189385
198	Contemporary Trade Directory Entries Name: Autolec Diesel Services (Wales) Ltd Location: Docks Road, The Docks, Port Talbot, West Glamorgan, SA13 1RA Classification: Fuel Injection Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A15NW (N)	604	-	276479 189385
198	Contemporary Trade Directory Entries Name: A & S Commercial Repairs Location: Docks Road, The Docks, Port Talbot, West Glamorgan, SA13 1RA Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories Status: Inactive Positional Accuracy: Automatically positioned to the address	A15NW (N)	604	-	276479 189385
198	Contemporary Trade Directory Entries Name: Gregory Auto Repairs Location: Somerset La, Port Talbot, West Glamorgan, SA13 1TY Classification: Car Body Repairs Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A15NW (N)	636	-	276454 189420

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
199	Contemporary Trade Directory Entries Name: Spraytech Location: Port Talbot, West Glamorgan, SA13 1rf Classification: Car Body Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A15NW (N)	608	-	276646 189353
200	Contemporary Trade Directory Entries Name: Margam Windows & Doors Ltd Location: Cwrt-Ucha Terr, Port Talbot, West Glamorgan, SA13 1LD Classification: PVC-U Products - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A15SE (NE)	630	-	277086 189190
200	Contemporary Trade Directory Entries Name: Whirlpool Launderette Ltd Location: 96, Talbot Road, Port Talbot, West Glamorgan, SA13 1LB Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A15SE (NE)	668	-	277085 189240
200	Contemporary Trade Directory Entries Name: Whirlpool Launderette Ltd Location: 96, Talbot Road, Port Talbot, West Glamorgan, SA13 1LB Classification: Laundries & Launderettes Status: Inactive Positional Accuracy: Automatically positioned to the address	A15SE (NE)	668	-	277085 189240
201	Contemporary Trade Directory Entries Name: Lounge Products Location: Unit 11-12 The Docks, Port Talbot, West Glamorgan, SA13 1RE Classification: Upholstery Manufacturers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A15NW (N)	631	-	276572 189394
202	Contemporary Trade Directory Entries Name: Margam Engineering & Welding Co Ltd Location: North Bank, The Docks, Port Talbot, West Glamorgan, SA13 1RE Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NW)	640	-	275978 189343
202	Contemporary Trade Directory Entries Name: Talbot Block Ltd Location: North Bank, The Docks, Port Talbot, West Glamorgan, SA13 1RE Classification: Builders' Merchants Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (NW)	640	-	275978 189343
202	Contemporary Trade Directory Entries Name: Initial G W S Ltd Location: North Bank, The Docks, Port Talbot, West Glamorgan, SA13 1RE Classification: Crane Hire, Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NW)	640	-	275978 189343
202	Contemporary Trade Directory Entries Name: G W S Ltd Location: North Bank, The Docks, Port Talbot, West Glamorgan, SA13 1RE Classification: Crane Hire, Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NW)	640	-	275978 189343
202	Contemporary Trade Directory Entries Name: D W E Hydraulics Location: North Bank, The Docks, Port Talbot, West Glamorgan, SA13 1RE Classification: Hydraulic Equipment & Accessories - Sales & Service Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (NW)	640	-	275978 189343
203	Contemporary Trade Directory Entries Name: Coates Rentair Location: Coates Rentair, Dock Road, Port Talbot, SA13 1RA Classification: Air Compressors Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (N)	671	-	276279 189446

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
204	Contemporary Trade Directory Entries Name: T W I Technology Centre Wales Location: Harbourside Business Park, Harbourside Road, Port Talbot, West Glamorgan, SA13 1SB Classification: Engineering Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A15NW (N)	672	-	276453 189456
205	Contemporary Trade Directory Entries Name: Thomas Silvey Ltd Location: The Docks, Port Talbot, West Glamorgan, SA13 1RE Classification: Oil Fuel Distributors Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14NE (N)	675	-	276397 189461
206	Contemporary Trade Directory Entries Name: D W E Hydraulics & Pneumatics Location: North Bank Road, The Docks, Port Talbot, West Glamorgan, SA13 1RE Classification: Hydraulic Engineers Status: Active Positional Accuracy: Manually positioned to the address or location	A14NW (NW)	720	-	275915 189406
207	Contemporary Trade Directory Entries Name: Davies Crane Hire Ltd Location: Unit 30, Docks Road, The Docks, Port Talbot, West Glamorgan, SA13 1RA Classification: Crane Hire, Sales & Service Status: Active Positional Accuracy: Automatically positioned to the address	A15NW (N)	724	-	276564 189491
208	Contemporary Trade Directory Entries Name: Suite Centres Direct Location: The Docks, Port Talbot, West Glamorgan, SA13 1RE Classification: Furniture Manufacturers - Home & Office Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A15NW (N)	729	-	276634 189480
209	Contemporary Trade Directory Entries Name: Dee-Creased Ironing Location: 11, Rice Street, Port Talbot, SA13 1SN Classification: Ironing & Home Laundry Services Status: Active Positional Accuracy: Automatically positioned to the address	A16SW (NE)	741	-	277181 189255
210	Contemporary Trade Directory Entries Name: Ron Evans Pies Location: 17, Commercial Road, PORT TALBOT, West Glamorgan, SA13 1LN Classification: Food Products - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A12NW (E)	744	-	277394 188923
210	Contemporary Trade Directory Entries Name: A B C Tyre Service Location: 21, Commercial Road, Port Talbot, SA13 1LN Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A12NW (E)	752	-	277405 188911
211	Contemporary Trade Directory Entries Name: C R H Tarmac Location: Abbey Works, Margam, Port Talbot, West Glamorgan, SA13 2NG Classification: Asphalt & Coated Macadam Laying Contractors Status: Active Positional Accuracy: Manually positioned to the address or location	A8NW (SE)	753	-	277117 188026
212	Contemporary Trade Directory Entries Name: Phil Reed Cleaning Location: 14, Gower Street, Port Talbot, West Glamorgan, SA13 1SL Classification: Carpet, Curtain & Upholstery Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A16NW (NE)	757	-	277124 189322
213	Contemporary Trade Directory Entries Name: Folland Joinery Location: 49, Talbot Road, Port Talbot, West Glamorgan, SA13 1HN Classification: Builders' Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address	A15NE (NE)	770	-	276923 189444

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
213	Contemporary Trade Directory Entries Name: West Wales Home Care Location: 49, Talbot Road, Port Talbot, West Glamorgan, SA13 1HN Classification: Vacuum Cleaners - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A15NE (NE)	770	-	276923 189444
213	Contemporary Trade Directory Entries Name: Oakwood Energy Ltd Location: 49, Talbot Road, Port Talbot, West Glamorgan, SA13 1HN Classification: Fuel Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A15NE (NE)	770	-	276923 189444
213	Contemporary Trade Directory Entries Name: Pirson Montage Location: 49, Talbot Road, Port Talbot, West Glamorgan, SA13 1HN Classification: Refractory Materials & Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A15NE (NE)	770	-	276923 189444
214	Contemporary Trade Directory Entries Name: Drake Services Location: 13, Devonshire Place, Port Talbot, West Glamorgan, SA13 1SG Classification: Rubbish Clearance Status: Inactive Positional Accuracy: Automatically positioned to the address	A15NE (NE)	791	-	277033 189416
215	Contemporary Trade Directory Entries Name: T B Grace Location: 11, Woodfield Street, Port Talbot, West Glamorgan, SA13 1LT Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (E)	795	-	277474 188653
216	Contemporary Trade Directory Entries Name: Mgm Gates Location: Commercial Buildings, Talbot Rd, Port Talbot, West Glamorgan, SA13 1DR Classification: Wrought Ironwork Status: Inactive Positional Accuracy: Manually positioned to the address or location	A15NE (NE)	822	-	276908 189504
216	Contemporary Trade Directory Entries Name: Stitching With Elegance Location: Commercial Buildings, Beverley Street, Port Talbot, West Glamorgan, SA13 1DY Classification: Soft Furnishings - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A15NE (NE)	833	-	276914 189514
216	Contemporary Trade Directory Entries Name: Design Printers Location: 1, Royal Buildings, 16, Talbot Road, Port Talbot, West Glamorgan, SA13 1DN Classification: Printers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A15NE (NE)	851	-	276879 189544
216	Contemporary Trade Directory Entries Name: D W Jones Ltd Location: Empire Building, Beverley Street, Port Talbot, West Glamorgan, SA13 1DY Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A15NE (NE)	864	-	276898 189552
216	Contemporary Trade Directory Entries Name: Sp Power Washers Location: Empire Building, Beverley Street, Port Talbot, SA13 1DY Classification: Car Washing & Polishing Equipment & Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A15NE (NE)	864	-	276898 189552
217	Contemporary Trade Directory Entries Name: Texaco Location: Port Talbot Service Station, Talbot Road, Port Talbot, West Glamorgan, SA13 1HN Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A15NE (NE)	845	-	276821 189553

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
217	Contemporary Trade Directory Entries Name: Texaco Location: Port Talbot Service Station, Talbot Road, Port Talbot, West Glamorgan, SA13 1HN Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A15NE (NE)	845	-	276821 189553
217	Contemporary Trade Directory Entries Name: Port Talbot Service Station Location: Port Talbot Service Station, Talbot Road, Port Talbot, West Glamorgan, SA13 1HN Classification: Petrol Filling Stations - 24 Hour Status: Inactive Positional Accuracy: Automatically positioned to the address	A15NE (NE)	845	-	276821 189553
218	Contemporary Trade Directory Entries Name: Abbey Auto Dismantlers Location: 2, Penrhyn Street, Port Talbot, West Glamorgan, SA13 1LU Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (E)	869	-	277545 188614
219	Contemporary Trade Directory Entries Name: A L A Rail Ltd Location: Byass Works, The Docks, PORT TALBOT, West Glamorgan, SA13 1RS Classification: Railway Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (N)	875	-	276250 189648
220	Contemporary Trade Directory Entries Name: M P G Tyres & Exhausts Location: Unit 16, Cramic Way, Port Talbot, West Glamorgan, SA13 1RU Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A15NW (N)	900	-	276668 189648
220	Contemporary Trade Directory Entries Name: Michael J Farmer Location: Cramic Way, Port Talbot, West Glamorgan, SA13 1RU Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A15NW (N)	900	-	276668 189648
220	Contemporary Trade Directory Entries Name: Mpg Tyre & Exhausts Location: Unit 16, Cramic Way, Port Talbot, West Glamorgan, SA13 1RU Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A15NW (N)	900	-	276668 189648
220	Contemporary Trade Directory Entries Name: G E S Location: Court Workshop, Off Cramick Way, Port Talbot, West Glamorgan, SA13 2RR Classification: Cleaning Services - Commercial Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A19SW (N)	909	-	276648 189662
220	Contemporary Trade Directory Entries Name: M P G Tyre & Exhausts Location: Port Talbot Railway Station, Cramic Way, Port Talbot, West Glamorgan, SA13 1RU Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (N)	953	-	276663 189704
221	Contemporary Trade Directory Entries Name: Moderncare Location: 2, Talbot Road, Port Talbot, West Glamorgan, SA13 1DH Classification: Carpet & Fabric Proofing Status: Inactive Positional Accuracy: Automatically positioned to the address	A15NE (NE)	903	-	276817 189614
222	Contemporary Trade Directory Entries Name: Astra Park Service Centre Location: Unit 5, Astra Business Park, Cramic Way, Port Talbot, West Glamorgan, SA13 1RU Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (N)	913	-	276552 189687

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
223	Contemporary Trade Directory Entries Name: J D Autos Location: Somerset La, Port Talbot, West Glamorgan, SA13 1TY Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12NE (E)	914	-	277595 188717
224	Contemporary Trade Directory Entries Name: Associated British Ports Location: Puckey House, The Docks, Port Talbot, SA13 1RB Classification: Ports, Docks & Harbours Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (W)	918	-	275258 188605
225	Contemporary Trade Directory Entries Name: Valley Waste & Recycling Ltd Location: The Recycling Company UK Ltd., Byass Works, Dock Road, Port Talbot, SA13 1RS Classification: Recycling Services Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (N)	923	-	276197 189686
225	Contemporary Trade Directory Entries Name: A W D Group Location: Byass Works, Dock Road, The Docks, Port Talbot, West Glamorgan, SA13 1RS Classification: Recycling Services Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (N)	937	-	276178 189697
226	Contemporary Trade Directory Entries Name: Valley Industrial Services Ltd Location: The Docks, Port Talbot, West Glamorgan, SA13 1RS Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	935	-	276040 189662
227	Contemporary Trade Directory Entries Name: G T E Motorhouse Ltd Location: Cramic Way, Port Talbot, West Glamorgan, SA13 1RU Classification: Car Dealers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A19SW (N)	938	-	276638 189694
227	Contemporary Trade Directory Entries Name: C & C Auto Spares Location: Unit 10 Cramic Way, Port Talbot, West Glamorgan, SA13 1RU Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A19SW (N)	973	-	276612 189735
228	Contemporary Trade Directory Entries Name: C P Harvey (Recycling) Ltd Location: Old Byass Works, The Docks, Port Talbot, West Glamorgan, SA13 1RS Classification: Scrap Metal Merchants Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A18SE (N)	967	-	276291 189747
229	Contemporary Trade Directory Entries Name: Astra Park Service Centre Ltd Location: Oakwood Lane, PORT TALBOT, West Glamorgan, SA13 1DF Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A19SE (NE)	986	-	276863 189687
230	Contemporary Trade Directory Entries Name: Lounge Products Location: Unit 1a, Towngate Business Centre, Cramic Way, Port Talbot, West Glamorgan, SA13 1RY Classification: Furniture Manufacturers - Home & Office Status: Inactive Positional Accuracy: Manually positioned to the address or location	A19SW (N)	991	-	276545 189766
231	Fuel Station Entries Name: Performance Centre Location: Talbot Road, Port Talbot, Neath Port Talbot, SA13 1HN Brand: OBSOLETE Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Approximate location provided by supplier	A16SW (E)	706	-	277320 189008



Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
232	Fuel Station Entries Name: Port Talbot Service Station Location: Talbot Road , , Port Talbot, Neath Port Talbot, SA13 1HN Brand: Low Prices Always Premises Type: Petrol Station Status: Open Positional Accuracy: Automatically positioned to the address	A15NE (NE)	845	-	276821 189553
233	Points of Interest - Commercial Services Name: Runtech Hauliers Location: Llewellyns Quay, Port Talbot, SA13 1RF Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A15SW (N)	331	8	276589 189082
233	Points of Interest - Commercial Services Name: Spraytech Location: Unit 5 Llewellyns Quay, Llewellyns Road, Port Talbot, SA13 1RF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A15SW (NE)	374	8	276672 189105
233	Points of Interest - Commercial Services Name: Runtech Ltd Location: Unit 5, Llewellyns Quay, Port Talbot, SA13 1RF Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A15SW (NE)	374	8	276672 189105
233	Points of Interest - Commercial Services Name: Planguard Location: Llewellyns Quay, Port Talbot, SA13 1RF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A15SW (NE)	377	8	276727 189094
234	Points of Interest - Commercial Services Name: W Doyle Transport Location: Llewellyns Quay, Port Talbot, SA13 1RF Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A15SW (NE)	542	8	276693 189273
235	Points of Interest - Commercial Services Name: M R M Automotive Ltd Location: Cwrt-Ucha Terrace, Port Talbot, SA13 1LD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A15SE (NE)	588	8	277088 189132
235	Points of Interest - Commercial Services Name: M R M Automotive Location: Cwrt-Ucha Terrace, Port Talbot, SA13 1LD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A15SE (NE)	595	8	277082 189147
235	Points of Interest - Commercial Services Name: M R M Location: Cwrt-Ucha Terrace, Port Talbot, SA13 1LD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A15SE (NE)	597	8	277053 189175
235	Points of Interest - Commercial Services Name: Motor Mender Location: 9 Cwrt-Ucha Terrace, Port Talbot, SA13 1LD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A16SW (NE)	626	8	277109 189165
235	Points of Interest - Commercial Services Name: Motor Mender Location: 9 Cwrt-Ucha Terrace, Port Talbot, SA13 1LD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A16SW (NE)	626	8	277109 189165
236	Points of Interest - Commercial Services Name: A & S Commercial Repairs Location: Docks Road, The Docks, Port Talbot, SA13 1RA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A15NW (N)	604	8	276479 189385



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
237	Points of Interest - Commercial Services Name: Taibach Autos Location: 21 Commercial Road, Port Talbot, SA13 1LN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NW (E)	752	8	277405 188911
238	Points of Interest - Commercial Services Name: Kickstart Location: 51a Talbot Road, Port Talbot, SA13 1HU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A15NE (NE)	755	8	276934 189423
239	Points of Interest - Commercial Services Name: T B Grace Location: 11 Woodfield Street, Port Talbot, SA13 1LT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NE (E)	795	8	277474 188653
239	Points of Interest - Commercial Services Name: T B Grace Location: 11 Woodfield Street, Port Talbot, SA13 1LT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NE (E)	795	8	277474 188653
240	Points of Interest - Commercial Services Name: Port Talbot Service Station Location: Port Talbot Service Station, Talbot Road, Port Talbot, SA13 1HN Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A15NE (NE)	845	8	276821 189553
240	Points of Interest - Commercial Services Name: Car Wash Location: Port Talbot Service Station, Talbot Road, Port Talbot, SA13 1HN Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A15NE (NE)	845	8	276821 189553
241	Points of Interest - Commercial Services Name: Scrap Yard Location: Not Supplied Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to an adjacent address or location	A12SE (E)	845	8	277491 188467
242	Points of Interest - Commercial Services Name: Michael J Farmer Location: Cramic Way, Port Talbot, SA13 1RU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A15NW (N)	900	8	276668 189648
242	Points of Interest - Commercial Services Name: Mjf Location: Cramic Way, Port Talbot, SA13 1RU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A15NW (N)	900	8	276668 189648
242	Points of Interest - Commercial Services Name: Mpg Tyre & Exhausts Location: Unit 16, Cramic Way, Port Talbot, SA13 1RU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A15NW (N)	900	8	276668 189648
242	Points of Interest - Commercial Services Name: M P G Tyres & Exhausts Location: Unit 16, Cramic Way, Port Talbot, SA13 1RU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A15NW (N)	900	8	276668 189648
243	Points of Interest - Commercial Services Name: Astra Park Service Centre Location: Unit 5 Astra Business Park, Cramic Way, Port Talbot, SA13 1RU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (N)	913	8	276552 189687



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
243	Points of Interest - Commercial Services Name: Astra Park Service Centre Location: Unit 5 Astra Business Park, Cramic Way, Port Talbot, SA13 1RU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (N)	913	8	276552 189687
244	Points of Interest - Commercial Services Name: Egan Metals Recycling Ltd Location: Byass Works, The Docks, Port Talbot, SA13 1RS Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A18SE (N)	921	8	276141 189671
244	Points of Interest - Commercial Services Name: Valley Waste & Recycling Ltd Location: The Recycling Company UK Ltd. Byass Works, Dock Road, Port Talbot, SA13 1RS Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A18SE (N)	923	8	276197 189686
244	Points of Interest - Commercial Services Name: A W D Group Location: Byass Works, Dock Road, The Docks, Port Talbot, SA13 1RS Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A18SE (N)	937	8	276178 189696
245	Points of Interest - Commercial Services Name: Astra Park Service Centre Ltd Location: Oakwood Lane, Port Talbot, SA13 1DF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SE (NE)	991	8	276855 189695
246	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A11NW (NE)	0	8	276577 188732
247	Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A11NW (E)	18	8	276663 188650
247	Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A11NW (E)	19	8	276659 188642
247	Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A11SW (E)	20	8	276651 188629
247	Points of Interest - Manufacturing and Production Name: Tanks Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A11SW (E)	29	8	276664 188632
247	Points of Interest - Manufacturing and Production Name: Works Location: SA13 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A11SW (E)	34	8	276639 188593
247	Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A11SW (E)	38	8	276667 188621



Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
247	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A11SW (E)	44	8	276642 188584
248	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A10SE (SW)	82	8	276159 188518
248	Points of Interest - Manufacturing and Production Name: Works Location: SA13 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A10SE (SW)	83	8	276159 188517
249	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A10NW (W)	147	8	276021 188746
249	Points of Interest - Manufacturing and Production Name: Works Location: SA13 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A10NW (W)	147	8	276021 188745
249	Points of Interest - Manufacturing and Production Name: Works Location: SA13 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A10NW (W)	182	8	275986 188745
250	Points of Interest - Manufacturing and Production Name: Works Location: SA13 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A11SE (E)	265	8	276892 188547
250	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A11SE (E)	266	8	276892 188546
251	Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A15SW (NE)	268	8	276608 189012
252	Points of Interest - Manufacturing and Production Name: Works Location: SA13 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A7NW (SE)	269	8	276643 188253
252	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A7NW (SE)	270	8	276648 188254
253	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A11NE (E)	307	8	276986 188674



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
253	Points of Interest - Manufacturing and Production Name: Works Location: SA13 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A11NE (E)	308	8	276987 188673
254	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A6NE (S)	307	8	276252 188257
254	Points of Interest - Manufacturing and Production Name: Works Location: SA13 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A6NE (S)	309	8	276252 188255
255	Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A15SE (NE)	355	8	276807 189042
256	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9SE (W)	443	8	275740 188591
256	Points of Interest - Manufacturing and Production Name: Works Location: SA13 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9SE (W)	448	8	275735 188590
257	Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A11SE (E)	448	8	277033 188429
257	Points of Interest - Manufacturing and Production Name: Tanks Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12SW (E)	517	8	277105 188413
257	Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A12SW (E)	524	8	277106 188401
257	Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A12SW (E)	527	8	277105 188394
257	Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A12SW (E)	531	8	277104 188387
258	Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A10SW (W)	477	8	275752 188396



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
258	Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A9SE (W)	481	8	275749 188395
258	Points of Interest - Manufacturing and Production Name: Tanks Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A10SW (W)	481	8	275751 188390
259	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12NW (E)	477	8	277154 188645
259	Points of Interest - Manufacturing and Production Name: Works Location: SA13 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12NW (E)	477	8	277154 188645
260	Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NW (S)	504	8	276522 187993
260	Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NW (S)	524	8	276580 187975
260	Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7SW (S)	535	8	276547 187962
260	Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7SW (S)	538	8	276545 187959
260	Points of Interest - Manufacturing and Production Name: Tanks Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7SW (S)	539	8	276535 187958
260	Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7SW (S)	542	8	276544 187955
261	Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A15SW (NE)	515	8	276700 189244
261	Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A15SW (NE)	517	8	276697 189246

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
261	Points of Interest - Manufacturing and Production Name: Tanks Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A15SW (NE)	520	8	276705 189247
262	Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NW (E)	526	8	277206 188746
263	Points of Interest - Manufacturing and Production Name: Steel Works Wharf Location: SA13 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14NE (N)	535	8	276396 189321
263	Points of Interest - Manufacturing and Production Name: Tanks Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A14NE (N)	616	8	276390 189402
264	Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A12SW (E)	536	8	277128 188413
264	Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A12SW (E)	544	8	277137 188412
264	Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A12SW (E)	550	8	277132 188393
264	Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A12SW (E)	553	8	277131 188386
264	Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A12SW (E)	554	8	277127 188379
265	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A5NE (SW)	584	8	275716 188248
265	Points of Interest - Manufacturing and Production Name: Works Location: SA13 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A5NE (SW)	584	8	275716 188248
266	Points of Interest - Manufacturing and Production Name: Works Location: SA13 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A15SE (NE)	588	8	277076 189144



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
266	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A15SE (NE)	589	8	277076 189145
266	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A15SE (NE)	596	8	277057 189170
267	Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A9NE (W)	623	8	275558 188859
268	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12SW (E)	659	8	277250 188375
268	Points of Interest - Manufacturing and Production Name: Works Location: SA13 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12SW (E)	659	8	277250 188376
269	Points of Interest - Manufacturing and Production Name: Port Talbot Industrial Estate Location: SA13 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A14NE (N)	685	8	276211 189445
270	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9SE (W)	731	8	275455 188545
270	Points of Interest - Manufacturing and Production Name: Works Location: SA13 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9SE (W)	736	8	275450 188544
271	Points of Interest - Manufacturing and Production Name: Business Park Location: SA13 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A14NE (N)	737	8	276409 189523
272	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9SE (W)	762	8	275461 188361
272	Points of Interest - Manufacturing and Production Name: Works Location: SA13 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9SE (W)	766	8	275457 188360
273	Points of Interest - Manufacturing and Production Name: Industrial Estate Location: SA13 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A15NW (N)	776	8	276558 189546



Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
274	Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A15NE (NE)	785	8	276773 189504
275	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A6SE (S)	793	8	276232 187757
276	Points of Interest - Manufacturing and Production Name: Works Location: SA13 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A7SE (S)	797	8	276784 187742
276	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A7SE (S)	798	8	276784 187741
277	Points of Interest - Manufacturing and Production Name: Tanks Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A8NW (SE)	832	8	277200 188004
277	Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A8NW (SE)	900	8	277269 187984
278	Points of Interest - Manufacturing and Production Name: Tanks Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A6SW (SW)	841	8	275806 187845
278	Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A6SW (SW)	845	8	275798 187845
278	Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A6SW (SW)	847	8	275802 187840
278	Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A6SW (SW)	881	8	275776 187815
279	Points of Interest - Manufacturing and Production Name: Tanks Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A8SW (SE)	846	8	277119 187890
279	Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (SE)	866	8	277146 187889



Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
279	Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (SE)	868	8	277129 187869
280	Points of Interest - Manufacturing and Production Name: Industrial Estate Location: SA13 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A14NE (N)	863	8	276135 189610
281	Points of Interest - Manufacturing and Production Name: Tanks Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A15NW (N)	867	8	276550 189640
281	Points of Interest - Manufacturing and Production Name: Towngate Business Centre Location: SA13 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A19SW (N)	926	8	276545 189700
282	Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7SE (SE)	881	8	276920 187707
283	Points of Interest - Manufacturing and Production Name: Tanks Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A8NE (E)	881	8	277454 188286
283	Points of Interest - Manufacturing and Production Name: Tanks Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12SE (E)	891	8	277481 188316
284	Points of Interest - Manufacturing and Production Name: Works Location: SA13 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A6SW (SW)	898	8	275836 187768
284	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A6SW (SW)	903	8	275825 187768
284	Points of Interest - Manufacturing and Production Name: Tanks Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A6SW (SW)	938	8	275824 187730
284	Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A6SW (SW)	943	8	275818 187727
284	Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A6SW (SW)	945	8	275820 187724

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
285	Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	925	8	276304 189706
286	Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	952	8	276032 189678
286	Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	955	8	276030 189680
286	Points of Interest - Manufacturing and Production Name: Tanks Location: SA12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	956	8	276038 189683
286	Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	957	8	276028 189682
287	Points of Interest - Public Infrastructure Name: Slurry Bed Location: SA13 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A6NE (SW)	379	8	276133 188216
288	Points of Interest - Public Infrastructure Name: Outfall Location: SA13 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A15SE (NE)	386	8	276873 189042
288	Points of Interest - Public Infrastructure Name: Outfall Location: SA13 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A15SE (NE)	387	8	276877 189041
289	Points of Interest - Public Infrastructure Name: Weir Location: SA13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12NW (E)	498	8	277145 188888
290	Points of Interest - Public Infrastructure Name: Sluice Location: SA13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A9NE (W)	587	8	275595 188861
291	Points of Interest - Public Infrastructure Name: Outfall Location: SA12 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A9NE (W)	699	8	275477 188842
291	Points of Interest - Public Infrastructure Name: Outfall Location: SA12 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A9NE (W)	705	8	275471 188842

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
292	Points of Interest - Public Infrastructure Name: Sludge Pond Location: SA13 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A7SW (S)	714	8	276425 187791
292	Points of Interest - Public Infrastructure Name: Slurry Beds Location: SA13 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A7SW (S)	800	8	276446 187701
293	Points of Interest - Public Infrastructure Name: Outfall Location: SA13 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A9NE (W)	720	8	275448 188700
293	Points of Interest - Public Infrastructure Name: Outfall Location: SA13 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A9NE (W)	741	8	275429 188676
293	Points of Interest - Public Infrastructure Name: Outfall Location: SA13 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A9NE (W)	746	8	275423 188681
294	Points of Interest - Public Infrastructure Name: Port Talbot Fire Station Location: Rear of Commercial Road, Port Talbot, SA13 1LG Category: Central and Local Government Class Code: Fire Brigade Stations Positional Accuracy: Positioned to address or location	A12NW (E)	724	8	277403 188757
294	Points of Interest - Public Infrastructure Name: Taibach Police Station Location: 66 Commercial Road, Port Talbot, SA13 1LG Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A12NE (E)	799	8	277476 188782
295	Points of Interest - Public Infrastructure Name: Sludge Pond Location: SA13 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A7SW (S)	741	8	276579 187758
296	Points of Interest - Public Infrastructure Name: Drake Clearance Services Location: 13 Devonshire Place, Port Talbot, SA13 1SG Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A15NE (NE)	791	8	277033 189416
297	Points of Interest - Public Infrastructure Name: Weir Location: SA12 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A13SE (NW)	793	8	275523 189194
297	Points of Interest - Public Infrastructure Name: Weir Location: SA12 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A13SE (NW)	793	8	275524 189196
298	Points of Interest - Public Infrastructure Name: Texaco Location: Port Talbot Service Station, Talbot Road, Port Talbot, SA13 1HN Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A15NE (NE)	844	8	276821 189552



Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
298	Points of Interest - Public Infrastructure Name: Port Talbot Service Stations Location: Port Talbot Service Station, Talbot Road, Port Talbot, SA13 1HN Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A15NE (NE)	845	8	276821 189553
298	Points of Interest - Public Infrastructure Name: Port Talbot Sstn Location: Port Talbot Service Station, Talbot Road, Port Talbot, SA13 1HN Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A15NE (NE)	845	8	276821 189553
298	Points of Interest - Public Infrastructure Name: Port Talbot Service Station Location: Port Talbot Service Station, Talbot Road, Port Talbot, SA13 1HN Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A15NE (NE)	845	8	276821 189553
299	Points of Interest - Public Infrastructure Name: Sludge Pond Location: SA13 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A2NE (S)	901	8	276356 187613
300	Points of Interest - Public Infrastructure Name: Bus Station Location: SA13 Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to an adjacent address or location	A19SW (N)	951	8	276742 189683
300	Points of Interest - Public Infrastructure Name: Port Talbot Parkway Rail Station Location: Heilbronn Way, SA13 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A19SW (N)	952	8	276662 189703
300	Points of Interest - Public Infrastructure Name: Port Talbot Parkway Station Location: Heilbronn Way, SA13 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A19SW (N)	952	8	276662 189703
301	Points of Interest - Public Infrastructure Name: Sluice Location: SA12 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	978	8	276023 189702
301	Points of Interest - Public Infrastructure Name: Sluice Location: SA12 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	982	8	276021 189706
301	Points of Interest - Public Infrastructure Name: Outfall Location: SA12 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	986	8	276005 189706
301	Points of Interest - Public Infrastructure Name: Weir Location: SA12 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	990	8	276049 189721
301	Points of Interest - Public Infrastructure Name: Weir Location: SA12 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	991	8	276047 189721



Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
302	Points of Interest - Public Infrastructure Name: Port Talbot Police Station Location: Station Road, Port Talbot, SA13 1JB Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A19SE (N)	982	8	276809 189698
303	Points of Interest - Public Infrastructure Name: Outfall Location: SA12 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A13NE (NW)	989	8	275607 189547
304	Points of Interest - Public Infrastructure Name: Outfall Location: SA12 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A18SW (NW)	989	8	275859 189671
305	Points of Interest - Recreational and Environmental Name: Playground Location: Park Street, SA13 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A16SW (NE)	848	8	277381 189186
305	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A16SW (NE)	863	8	277391 189198
306	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13SW (NW)	969	8	275386 189304

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Bridgend County Borough Council - Environmental Health Department Natural Resources Wales Neath Port Talbot County Borough Council - Environmental Health Department	January 2020 June 2020 October 2017	Annual Rolling Update Annually Annual Rolling Update
Discharge Consents Environment Agency - Welsh Region Natural Resources Wales	August 2014 January 2022	Quarterly Quarterly
Enforcement and Prohibition Notices Environment Agency - Welsh Region	March 2013	
Integrated Pollution Controls Environment Agency - Welsh Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - Welsh Region Natural Resources Wales	January 2021 January 2022	Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Bridgend County Borough Council - Environmental Health Department Neath Port Talbot County Borough Council - Environmental Health Department	July 2015 March 2014	Variable Variable
Local Authority Pollution Prevention and Controls Bridgend County Borough Council - Environmental Health Department Neath Port Talbot County Borough Council - Environmental Health Department	July 2015 March 2014	Not Applicable Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Bridgend County Borough Council - Environmental Health Department Neath Port Talbot County Borough Council - Environmental Health Department	July 2015 March 2015	Variable Variable
Nearest Surface Water Feature Ordnance Survey	February 2022	
Pollution Incidents to Controlled Waters Environment Agency - Welsh Region	December 1998	
Prosecutions Relating to Authorised Processes Environment Agency - Welsh Region Natural Resources Wales	July 2015 July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - Welsh Region Natural Resources Wales	March 2013 March 2013	
Registered Radioactive Substances Natural Resources Wales Environment Agency - Welsh Region	January 2015 June 2016	As notified
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register Environment Agency Wales - South West Area Natural Resources Wales	January 2021 January 2022	Quarterly Quarterly
Water Abstractions Environment Agency - Welsh Region Natural Resources Wales	January 2022 January 2022	Quarterly Quarterly
Water Industry Act Referrals Natural Resources Wales Environment Agency - Welsh Region	January 2022 October 2017	Quarterly
Groundwater Vulnerability Map Natural Resources Wales	June 2018	As notified

Agency & Hydrological	Version	Update Cycle
Bedrock Aquifer Designations Natural Resources Wales	January 2018	Annually
Superficial Aquifer Designations Natural Resources Wales	January 2018	Annually
Source Protection Zones Natural Resources Wales	July 2017	Annual Rolling Update
Extreme Flooding from Rivers or Sea without Defences Natural Resources Wales	September 2020	
Flooding from Rivers or Sea without Defences Natural Resources Wales	September 2020	
Areas Benefiting from Flood Defences Natural Resources Wales	November 2019	Quarterly
Flood Water Storage Areas Natural Resources Wales	August 2019	Quarterly
Flood Defences Natural Resources Wales	November 2019	Quarterly
OS Water Network Lines Ordnance Survey	January 2022	Quarterly
Surface Water 1 in 30 year Flood Extent Natural Resources Wales	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Natural Resources Wales	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Natural Resources Wales	May 2018	Annually
Surface Water Suitability Natural Resources Wales	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Natural Resources Wales	July 2019	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Welsh Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency Wales - South West Area Natural Resources Wales	October 2021 October 2021	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Natural Resources Wales Environment Agency Wales - South West Area	April 2021 July 2021	Quarterly Quarterly
Local Authority Landfill Coverage Bridgend County Borough Council Neath Port Talbot County Borough Council - Environmental Health Department	February 2003 February 2003	Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Bridgend County Borough Council Neath Port Talbot County Borough Council - Environmental Health Department	October 2018 October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency Wales - South West Area	March 2006	Not Applicable
Registered Waste Transfer Sites Environment Agency Wales - South West Area	April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency Wales - South West Area	June 2015	
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	January 2022	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Bridgend County Borough Council - Planning Department Neath Port Talbot County Borough Council - Planning Department	February 2016 October 2015	Variable Variable
Planning Hazardous Substance Consents Bridgend County Borough Council - Planning Department Neath Port Talbot County Borough Council - Planning Department	February 2016 October 2015	Variable Variable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	November 2021	Bi-Annually
BGS Urban Soil Chemistry Averages British Geological Survey - National Geoscience Information Service	December 2015	As notified
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
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	January 2022	Quarterly
Fuel Station Entries Catalist Ltd - Experian	March 2022	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Points of Interest - Commercial Services PointX	March 2022	Quarterly
Points of Interest - Education and Health PointX	March 2022	Quarterly
Points of Interest - Manufacturing and Production PointX	March 2022	Quarterly
Points of Interest - Public Infrastructure PointX	March 2022	Quarterly
Points of Interest - Recreational and Environmental PointX	March 2022	Quarterly
Underground Electrical Cables National Grid	May 2021	Bi-Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural Resources Wales	September 2018	Bi-Annually
Areas of Adopted Green Belt Bridgend County Borough Council Neath Port Talbot County Borough Council - Planning Services	October 2020 October 2020	Quarterly Quarterly
Areas of Unadopted Green Belt Bridgend County Borough Council Neath Port Talbot County Borough Council - Planning Services	October 2020 October 2020	Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural Resources Wales	June 2019	Bi-Annually
Environmentally Sensitive Areas The National Assembly for Wales - GI Services (Department of Planning & Countryside)	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Bridgend County Borough Council Neath Port Talbot County Borough Council	August 2018 August 2018	Bi-Annually Bi-Annually
Marine Nature Reserves Natural Resources Wales	August 2018	Bi-Annually
National Nature Reserves Natural Resources Wales	February 2022	Bi-Annually
National Parks Natural Resources Wales	February 2018	Annually
Nitrate Vulnerable Zones The National Assembly for Wales - GI Services (Department of Planning & Countryside) Natural Resources Wales	April 2016 July 2019	Bi-Annually
Ramsar Sites Natural Resources Wales	July 2019	Bi-Annually
Sites of Special Scientific Interest Natural Resources Wales	March 2020	Bi-Annually
Special Areas of Conservation Natural Resources Wales	August 2020	Bi-Annually
Special Protection Areas Natural Resources Wales	August 2018	Bi-Annually

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Stantec UK Ltd	

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Natural Resources Wales Ty Cambria, 29 Newport Road, Cardiff, CF24 0TP	Telephone: 0300 065 3000 Email: enquiries@naturalresourceswales.gov.uk
3	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
4	Neath Port Talbot County Borough Council - Environmental Health Department Room 322, Neath Civic Centre, Neath, West Glamorgan, SA11 3QZ	Telephone: 01639 763333 Fax: 01693 763444 Website: www.neath-porttalbot.gov.uk
5	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	Neath Port Talbot County Borough Council - Planning Department Port Talbot Civic Centre, Port Talbot, SA13 1PJ	Telephone: 01639 763333 Fax: 01639 763444 Website: www.neath-porttalbot.gov.uk
7	The Coal Authority - Property Searches 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website: www2.groundstability.com
8	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.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.

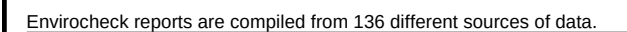


Slice

Segment

Quadrant

A selection of organisations who provide data within this report:



Client Details

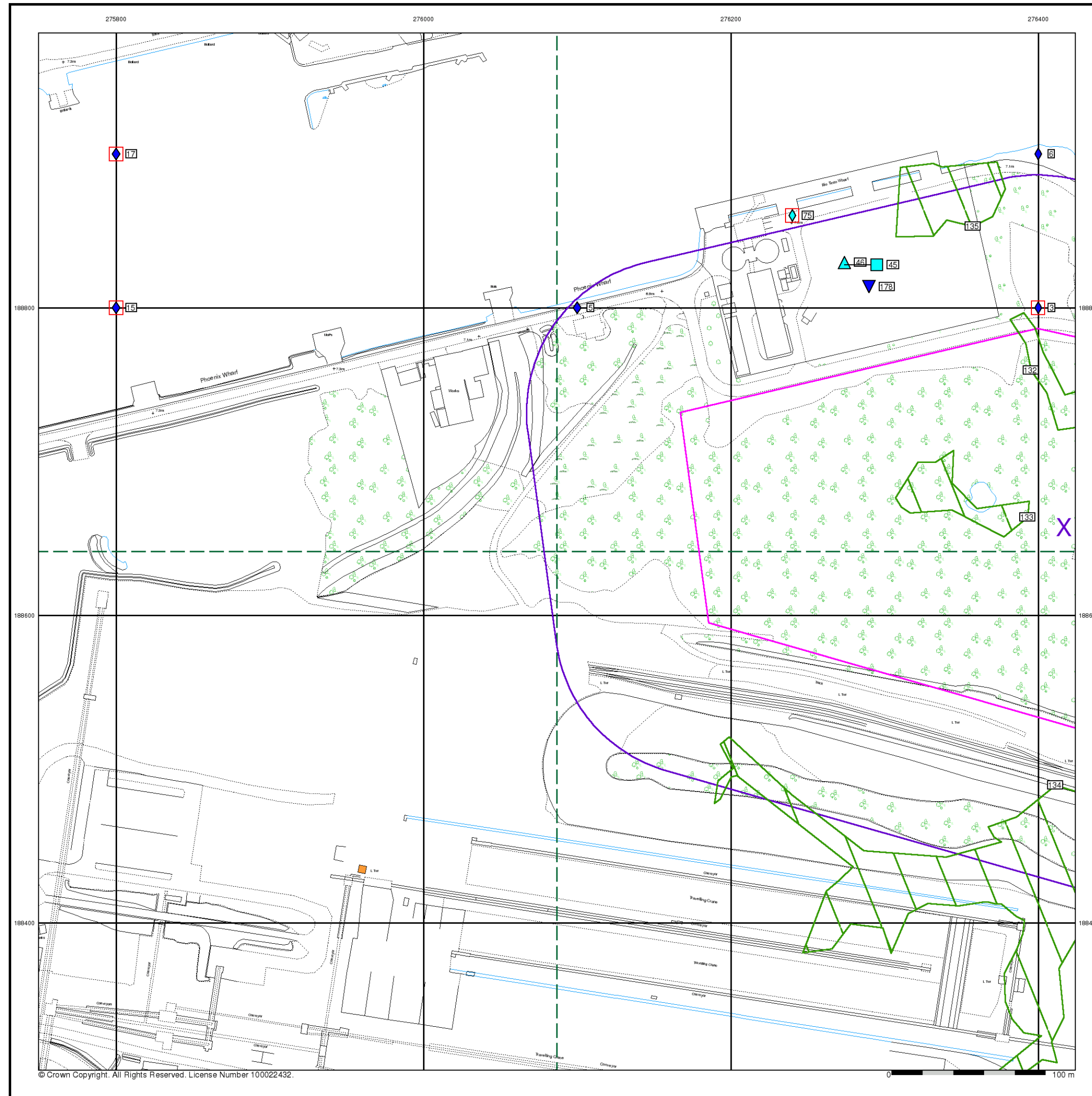
Order Details

Site Details

Site at 276440, 188700

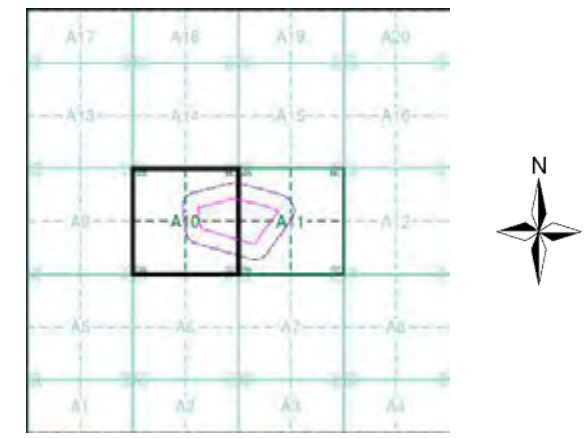
Landmark
INFORMATION GROUP

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



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

Site Sensitivity Map - Segment A10



Order Details

Order Number: 293349570_1_1
Customer Ref: 2111006.002
National Grid Reference: 276420, 188660
Slice: A
Site Area (Ha): 9.68
Plot Buffer (m): 100

Site Details

Site at 276440, 188700



General

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

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral
- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

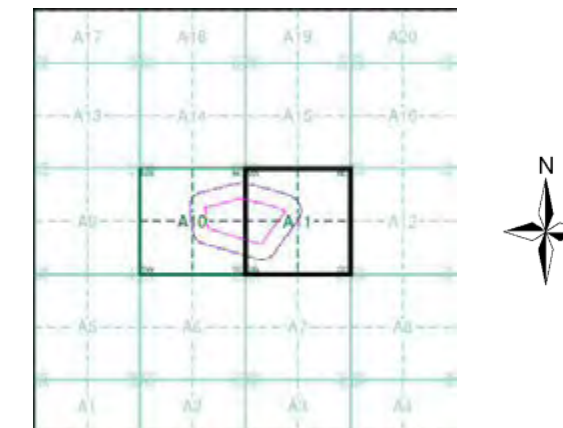
Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Segment A11



Order Details

Order Number: 293349570_1_1
Customer Ref: 2111006.002
National Grid Reference: 276420, 188660
Slice: A
Site Area (Ha): 9.68
Plot Buffer (m): 100

Site Details

Site at 276440, 188700

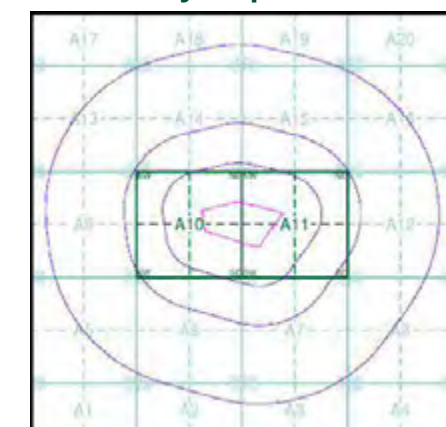
Landmark
INFORMATION GROUP

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



- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- 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
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Slice A



Order Details

Order Number: 293349570_1_1
Customer Ref: 2111006.002
National Grid Reference: 276420, 188660
Slice: A
Site Area (Ha): 9.68
Search Buffer (m): 1000

Site Details

Site at 276440, 188700

Landmark
INFORMATION GROUP

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Web: www.envirocheck.co.uk



Industrial Land Use Map

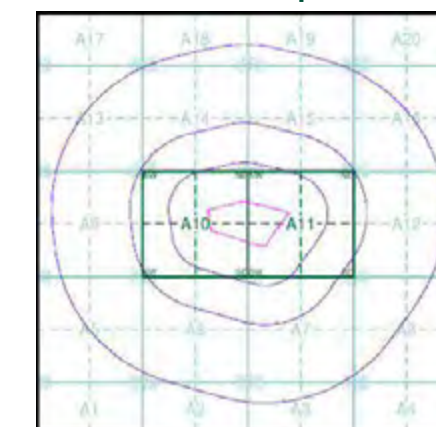
General

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

Industrial Land Use

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

Industrial Land Use Map - Slice A



Order Details

Order Number: 293349570_1_1
Customer Ref: 2111006.002
National Grid Reference: 276420, 188660
Slice: A
Site Area (Ha): 9.68
Search Buffer (m): 1000

Site Details

Site at 276440, 188700

Landmark
INFORMATION GROUP

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



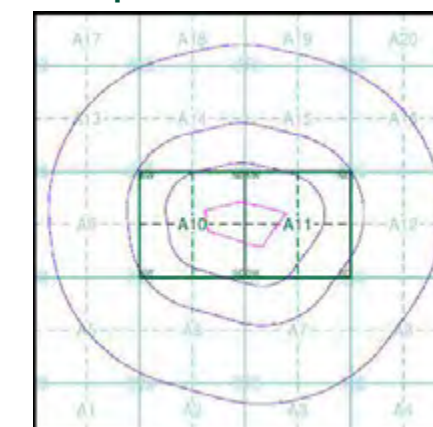
General

- 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: 293349570_1_1
Customer Ref: 2111006.002
National Grid Reference: 276420, 188660
Slice: A
Site Area (Ha): 9.68
Search Buffer (m): 1000

Site Details

Site at 276440, 188700

Landmark
INFORMATION GROUP

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



General

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

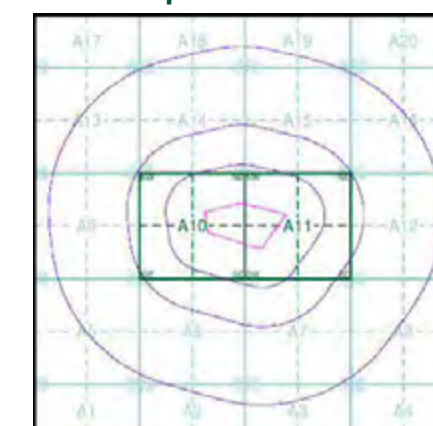
Agency and Hydrological (Boreholes)

- 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: 293349570_1_1
Customer Ref: 2111006.002
National Grid Reference: 276420, 188660
Slice: A
Site Area (Ha): 9.68
Search Buffer (m): 1000

Site Details

Site at 276440, 188700

Landmark
INFORMATION GROUP

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



General

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

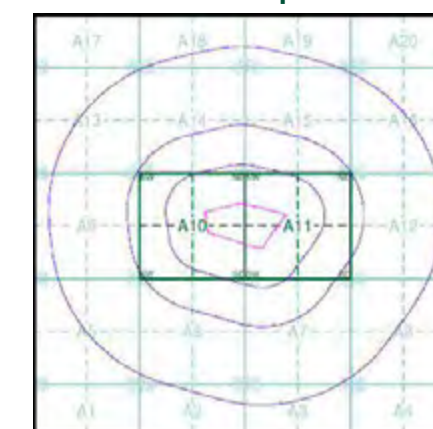
OS Water Network Data

- | | |
|--------------|-------------------------|
| Canal | Drain |
| Reservoir | Other |
| Foreshore | Lake |
| Marsh | Transfer |
| Tidal River | Lock Or Flight Of Locks |
| Inland River | Sea |

Contours (height in meters)

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

OS Water Network Map - Slice A



Order Details

Order Number: 293349570_1_1
Customer Ref: 2111006.002
National Grid Reference: 276420, 188660
Slice: A
Site Area (Ha): 9.68
Search Buffer (m): 1000

Site Details

Site at 276440, 188700

Landmark
INFORMATION GROUP

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Web: www.envirocheck.co.uk



General

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

Risk of Flooding from Surface Water

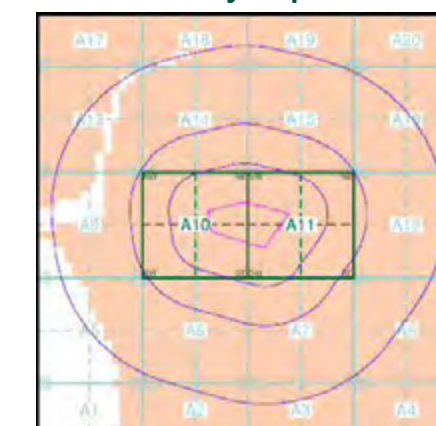
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

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

EAN/RW Suitability Map - Slice A



Order Details

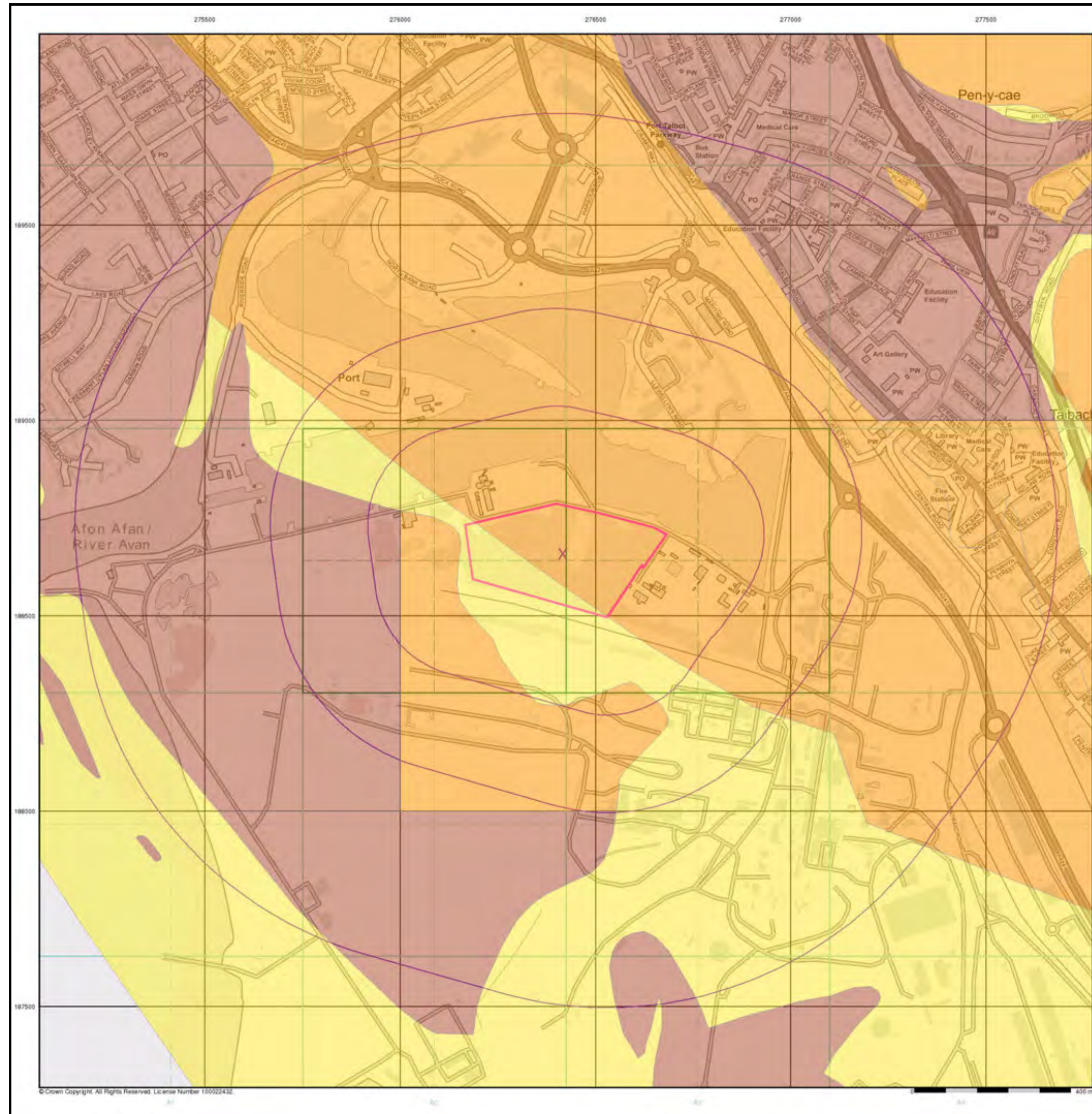
Order Number: 293349570_1_1
Customer Ref: 2111006.002
National Grid Reference: 276420, 188660
Slice: A
Site Area (Ha): 9.68
Search Buffer (m): 1000

Site Details

Site at 276440, 188700

Landmark
INFORMATION GROUP

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

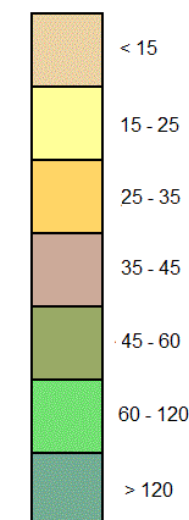


General

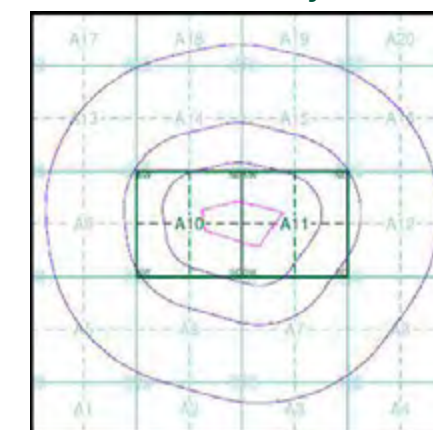
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A



Order Details

Order Details: 293349570_1_1
Customer Ref: 2111006.002
National Grid Reference: 276420, 188660
Slice: A
Site Area (Ha): 9.68
Search Buffer (m): 1000

Site Details

Site at 276440, 188700

Landmark
INFORMATION GROUP

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

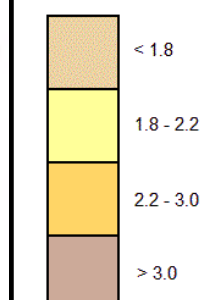


General

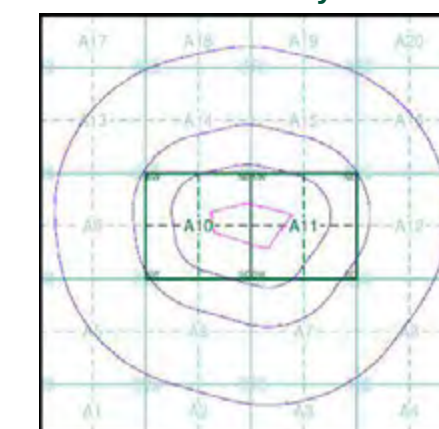
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A



Order Details

Order Details: 293349570_1_1
Customer Ref: 2111006.002
National Grid Reference: 276420, 188660
Slice: A
Site Area (Ha): 9.68
Search Buffer (m): 1000

Site Details

Site at 276440, 188700

Landmark
INFORMATION GROUP

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

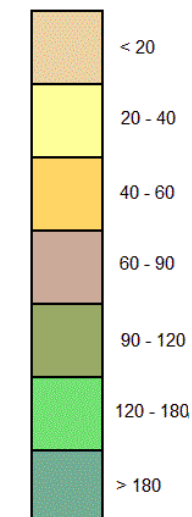


General

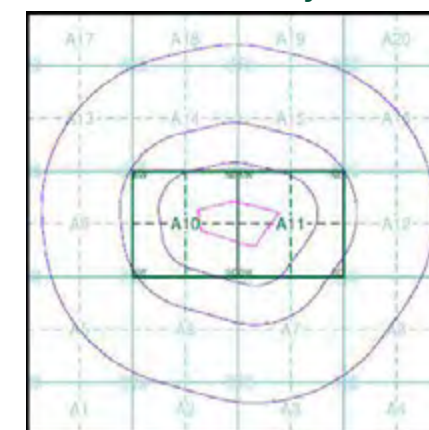
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A



Order Details

Order Details: 293349570_1_1
Customer Ref: 2111006.002
National Grid Reference: 276420, 188660
Slice: A
Site Area (Ha): 9.68
Search Buffer (m): 1000

Site Details

Site at 276440, 188700

Landmark
INFORMATION GROUP

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

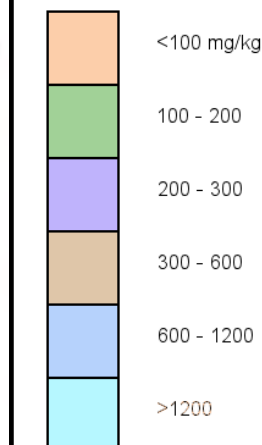


General

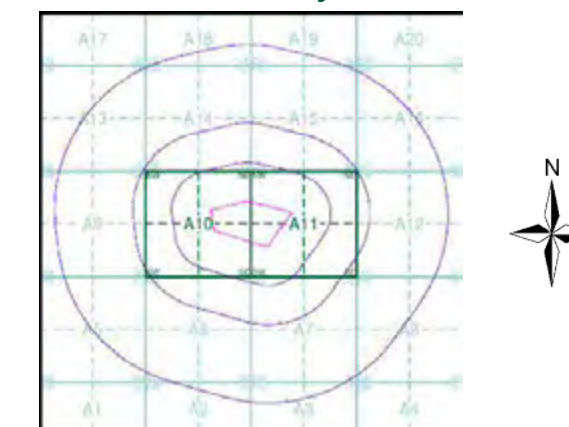
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A



Order Details

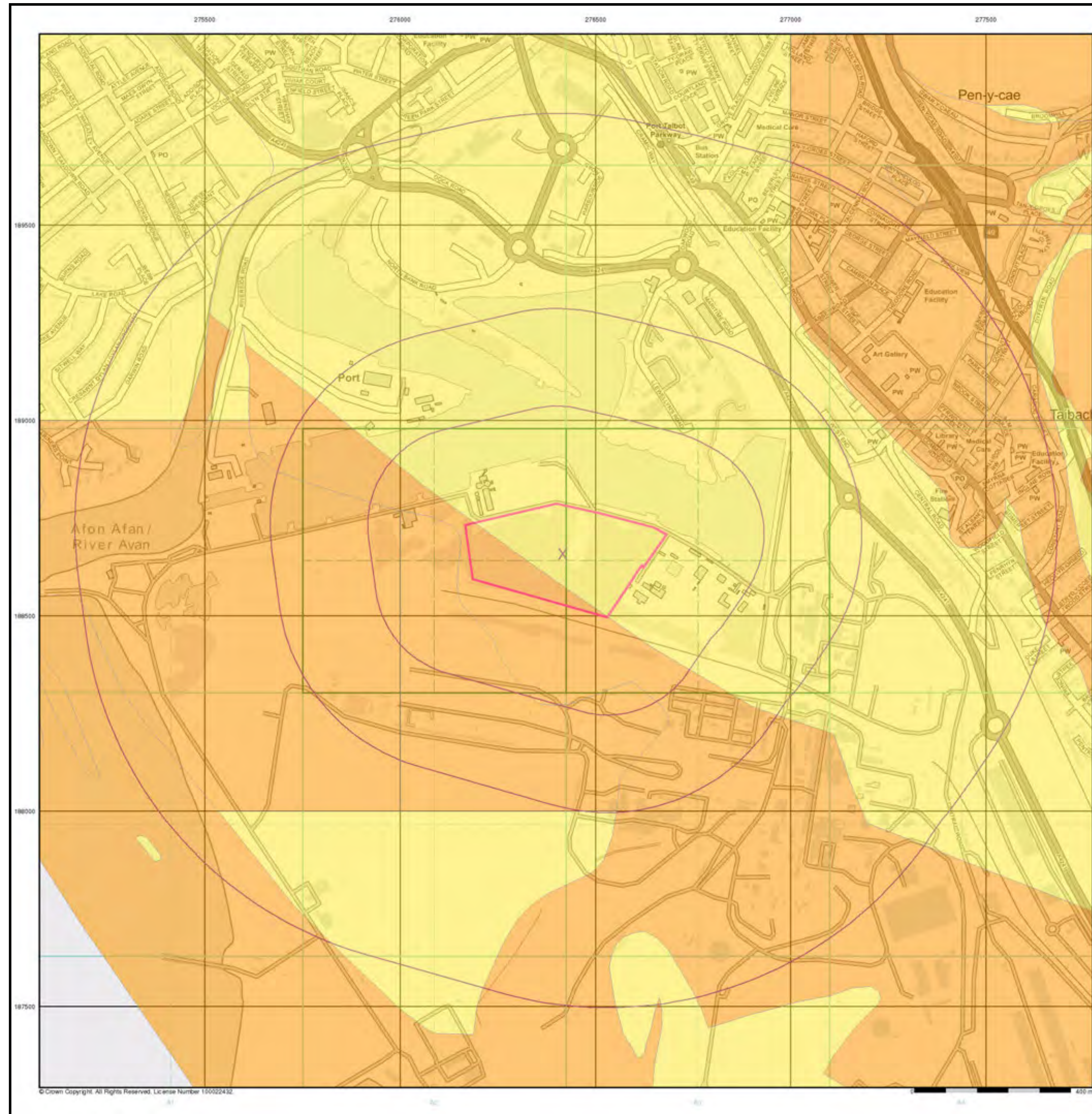
Order Details: 293349570_1_1
Customer Ref: 2111006.002
National Grid Reference: 276420, 188660
Slice: A
Site Area (Ha): 9.68
Search Buffer (m): 1000

Site Details

Site at 276440, 188700

Landmark
INFORMATION GROUP

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

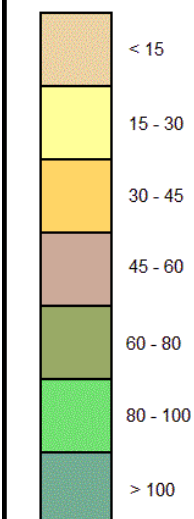


General

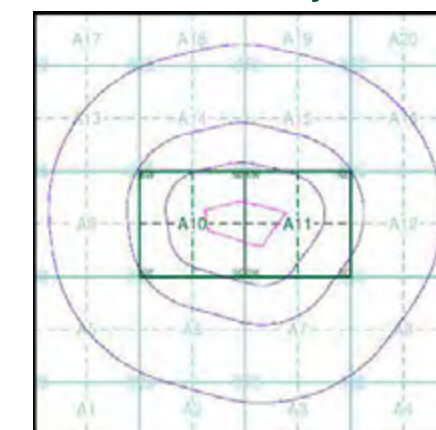
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

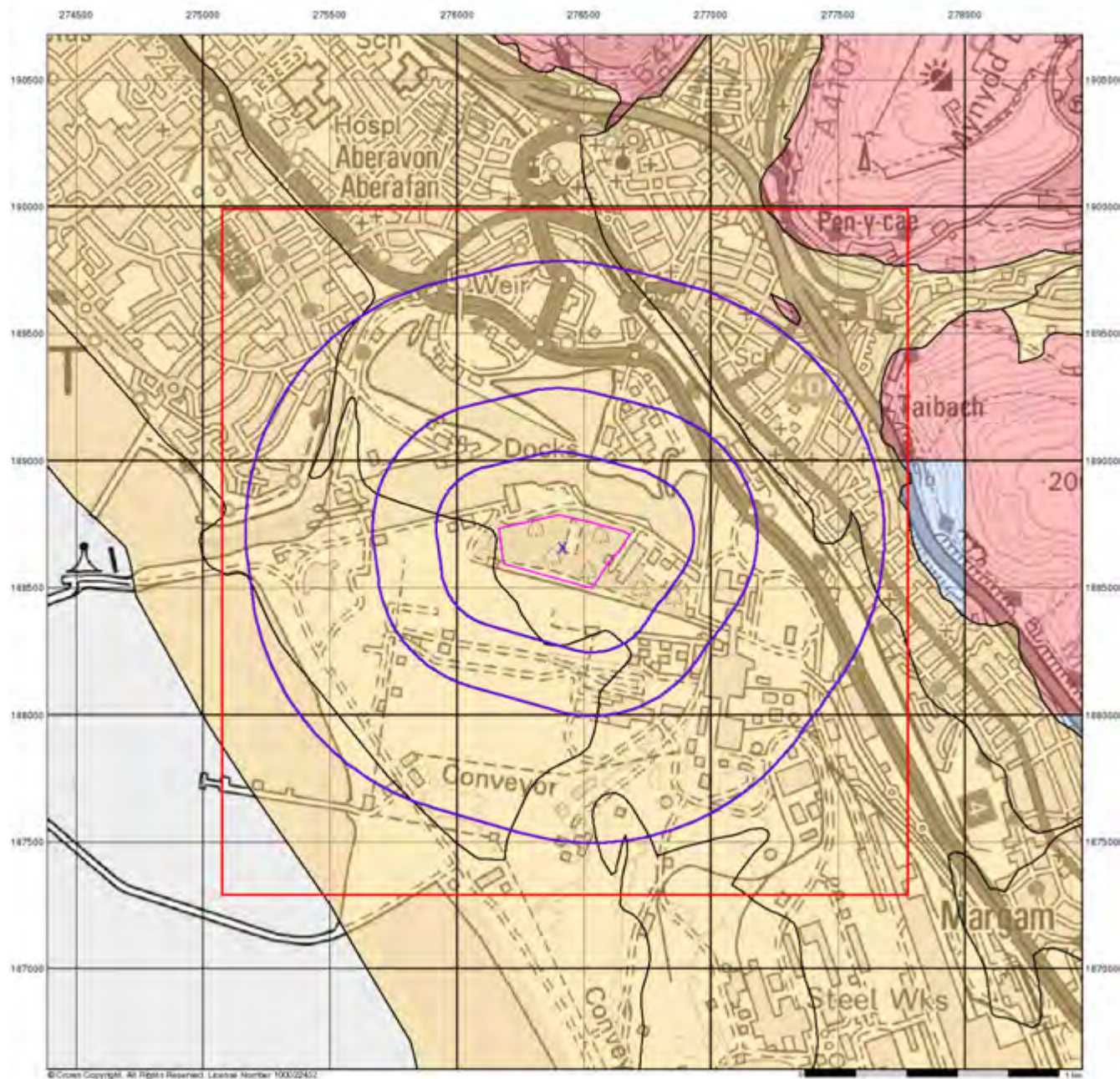
Order Details: 293349570_1_1
Customer Ref: 2111006.002
National Grid Reference: 276420, 188660
Slice: A
Site Area (Ha): 9.68
Search Buffer (m): 1000

Site Details

Site at 276440, 188700

Landmark
INFORMATION GROUP

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Groundwater Vulnerability

General

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

Agency and Hydrological

Bedrock Aquifers

- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

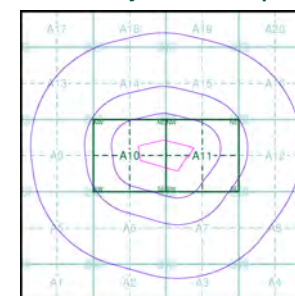
Superficial Aquifers

- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

Unproductive Aquifer

Soluble Rock

Site Sensitivity Context Map - Slice A



Order Details

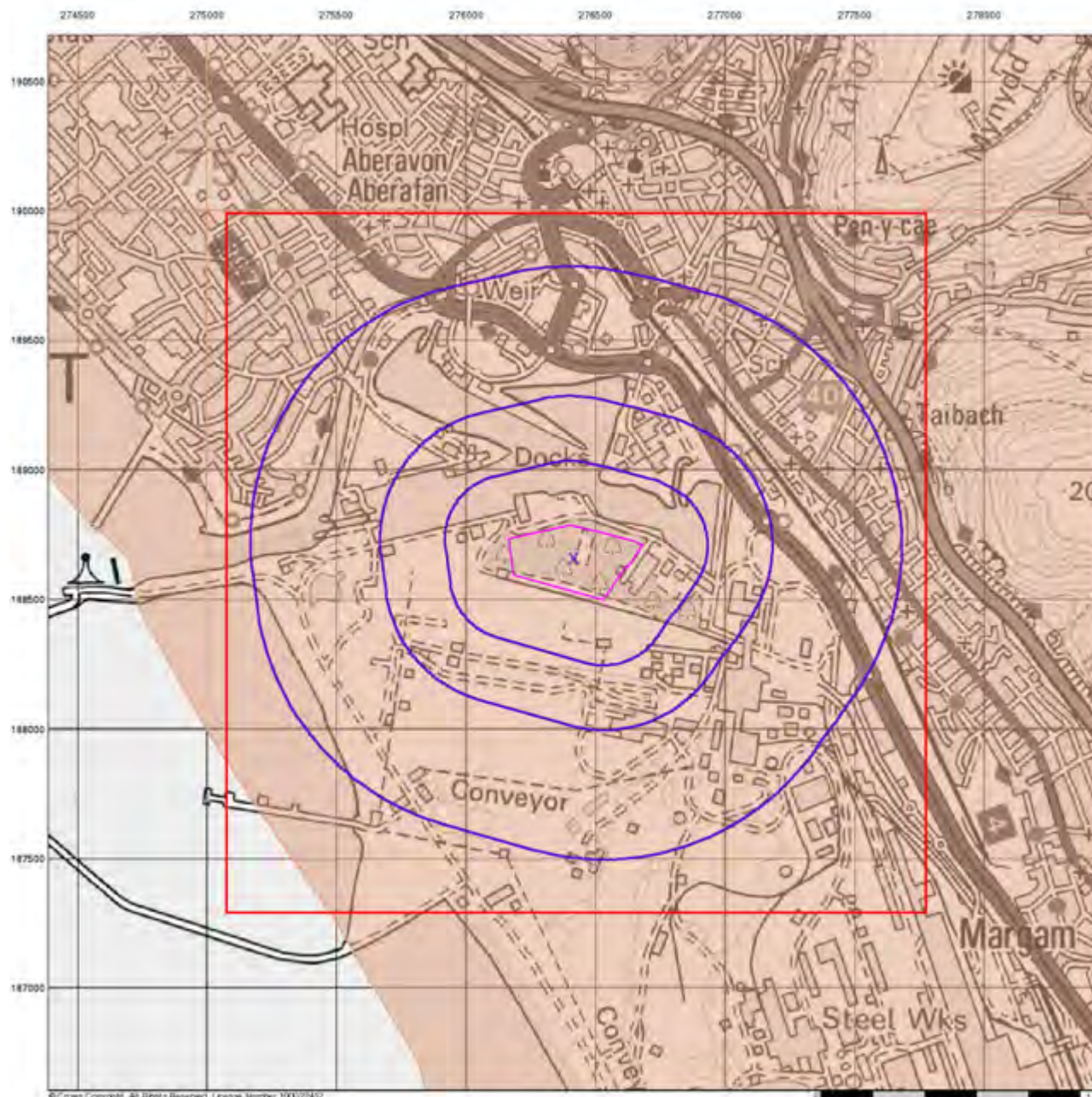
Order Number: 293349570_1_1
 Customer Ref: 2111006.002
 National Grid Reference: 276420, 188660
 Slice: A
 Site Area (Ha): 9.68
 Search Buffer (m): 1000

Site Details

Site at 276440, 188700

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Bedrock Aquifer Designation

General

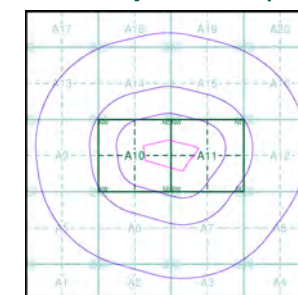
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

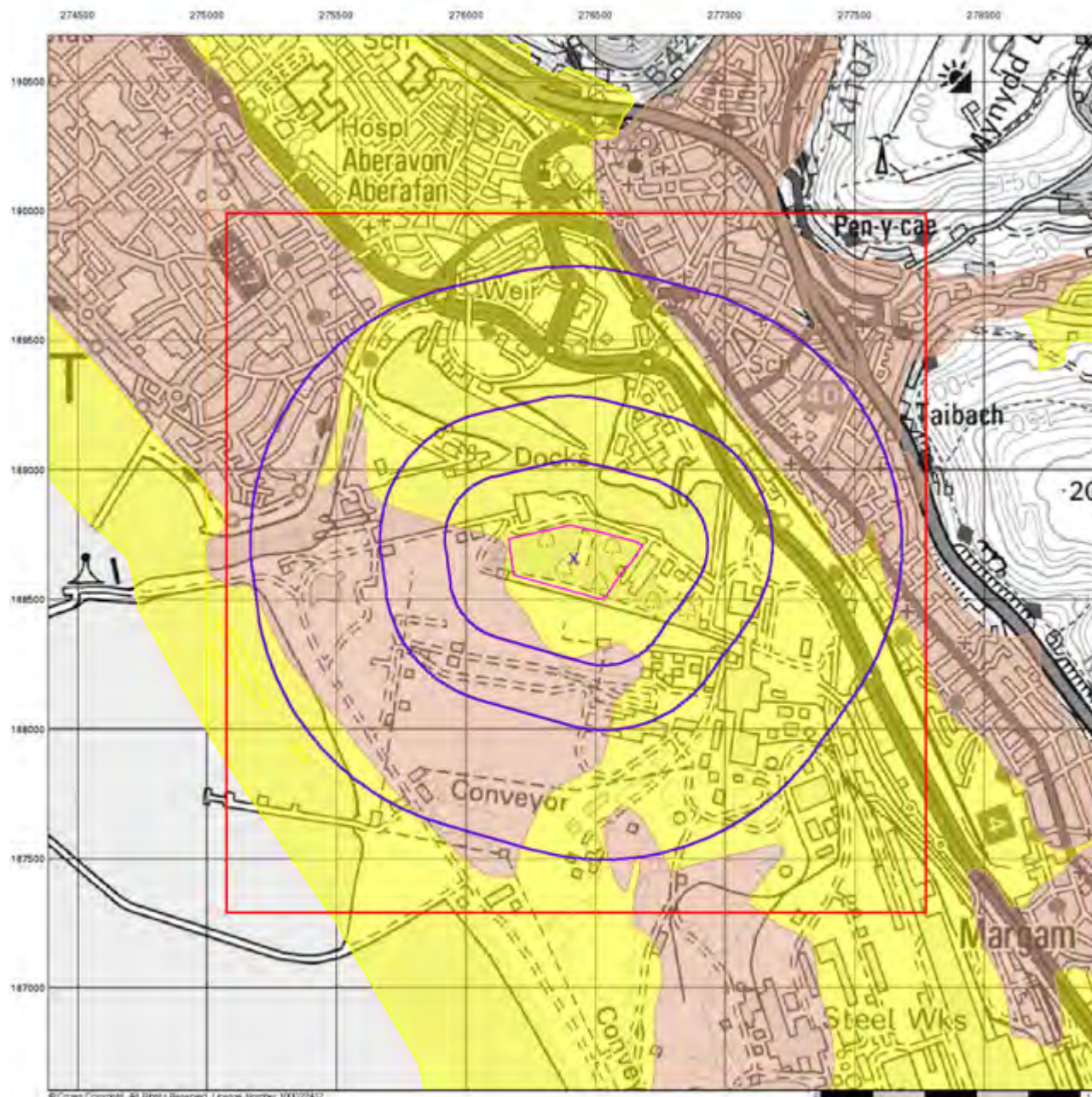
Order Number: 293349570_1_1
 Customer Ref: 2111006.002
 National Grid Reference: 276420, 188660
 Slice: A
 Site Area (Ha): 9.68
 Search Buffer (m): 1000

Site Details

Site at 276440, 188700

Landmark
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Superficial Aquifer Designation

General

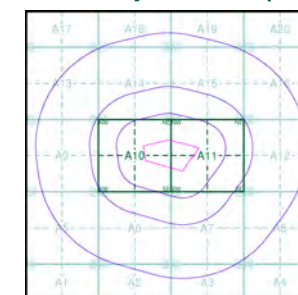
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

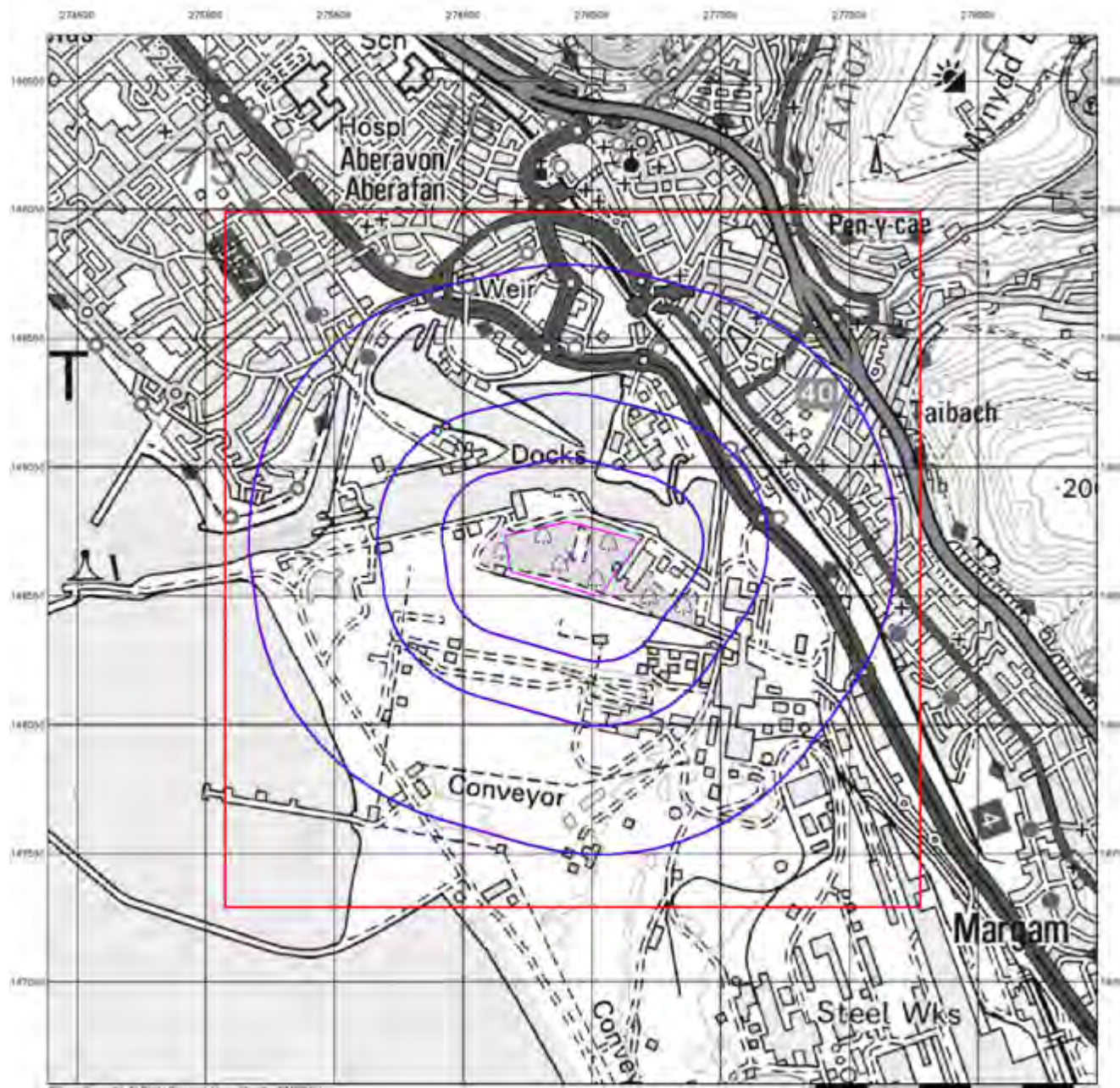
Order Number: 293349570_1_1
 Customer Ref: 2111006.002
 National Grid Reference: 276420, 188660
 Slice: A
 Site Area (Ha): 9.68
 Search Buffer (m): 1000

Site Details

Site at 276440, 188700

Landmark
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Source Protection Zones

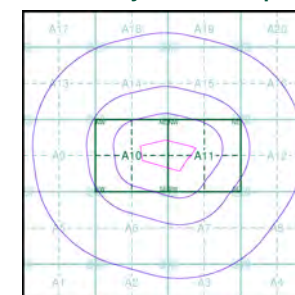
General

- ◊ Specified Site ○ Specified Buffer(s) X Bearing Reference Point
- Slice B Map ID

Agency and Hydrological

- Inner zone (Zone 1)
- ▨ Inner zone - subsurface activity only (Zone 1c)
- Outer zone (Zone 2)
- ▨ Outer zone - subsurface activity only (Zone 2c)
- Total catchment (Zone 3)
- ▨ Total catchment - subsurface activity only (Zone 3c)
- Special interest (Zone 4)

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 293349570_1_1
 Customer Ref: 2111006.002
 National Grid Reference: 276420, 188660
 Slice: A
 Site Area (Ha): 9.68
 Search Buffer (m): 1000

Site Details

Site at 276440, 188700

Landmark
 INFORMATION GROUP

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Sensitive Land Uses

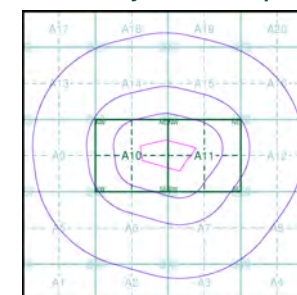
General

- ◇ Specified Site ○ Specified Buffer(s) X Bearing Reference Point
- Slice 8 Map ID

Sensitive Land Uses

- | | |
|--|---|
| ■ Ancient Woodland | N National Park |
| A Area of Adopted Green Belt | N Nitrate Sensitive Area |
| U Area of Unadopted Green Belt | V Nitrate Vulnerable Zone |
| A Area of Outstanding Natural Beauty | R Ramsar Site |
| E Environmentally Sensitive Area | S Site of Special Scientific Interest |
| F Forest Park | S Special Area of Conservation |
| L Local Nature Reserve | P Special Protection Area |
| M Marine Nature Reserve | W World Heritage Sites |
| N National Nature Reserve | |

Site Sensitivity Context Map - Slice A



Order Details

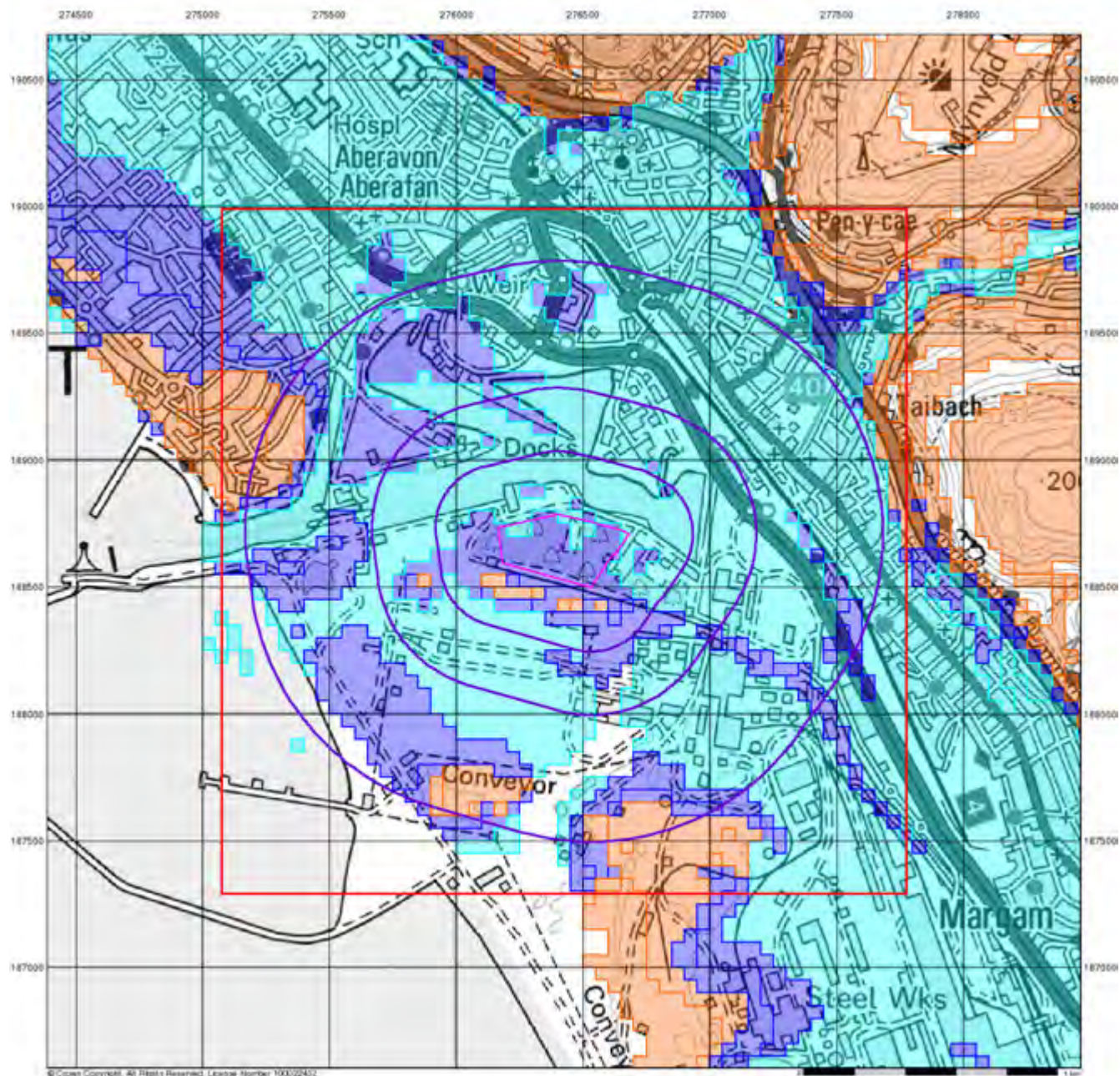
Order Number: 293349570_1_1
 Customer Ref: 2111006.002
 National Grid Reference: 276420, 188660
 Slice: A
 Site Area (Ha): 9.68
 Search Buffer (m): 1000

Site Details

Site at 276440, 188700

Landmark
 INFORMATION GROUP

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BGS Flood GFS Data

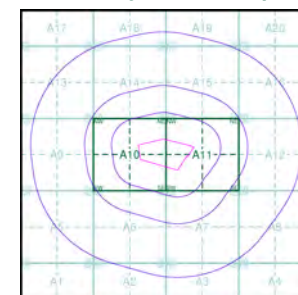
General

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

Agency and Hydrological (Flood)

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

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 293349570_1_1
 Customer Ref: 2111006.002
 National Grid Reference: 276420, 188660
 Slice: A
 Site Area (Ha): 9.68
 Search Buffer (m): 1000

Site Details

Site at 276440, 188700

Landmark
 INFORMATION GROUP

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

Geology 1:10,000 Maps Legends

Artificial Ground and Landslip

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

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	Rock			

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
	TFD	Tidal Flat Deposits	Clay, Silt and Sand	Holocene - Saalian
	BCHD	Beach Deposits	Sand and Gravel	Holocene - Saalian
	BCHD	Beach Deposits	Sand and Gravel	Holocene - Saalian
	GFDUD	Glaciofluvial Deposits, Devensian	Sand and Gravel	Devensian - Ipswichian
	BSA	Blown Sand	Sand	Quaternary - Ryazanian
	ALF	Alluvial Fan Deposits	Sand and Gravel	Quaternary - Ryazanian
	STOB	Storm Beach Deposits	Gravel	Quaternary - Ryazanian
	SUF	Submerged Forest	Peat [Unlithified Deposits Coding Scheme]	Quaternary - Ryazanian

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	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			



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.

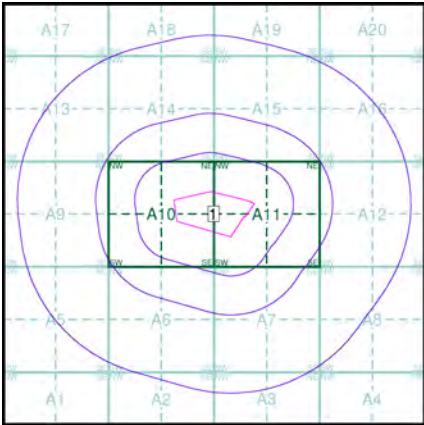
The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page.

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:	SS78NE
Map Date:	1964
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Available
Faults:	Available
Landslip:	Available
Rock Segments:	Available

Geology 1:10,000 Maps - Slice A



Order Details

Order Number:	293349570_1_1
Customer Ref:	2111006.002
National Grid Reference:	276420, 188660
Slice:	A
Site Area (Ha):	9.68
Search Buffer (m):	1000

Site Details

Site at 276440, 188700



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Artificial Ground and Landslip

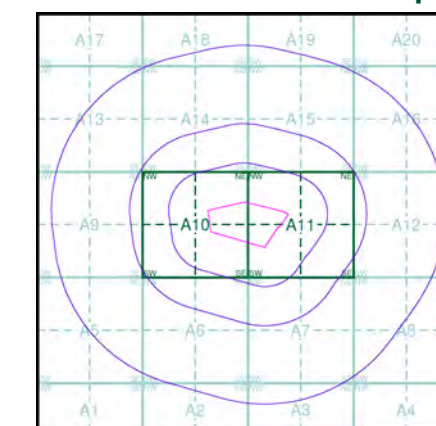
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice A



Order Details

Order Number: 293349570_1_1
Customer Ref: 2111006.002
National Grid Reference: 276420, 188660
Slice: A
Site Area (Ha): 9.68
Search Buffer (m): 1000

Site Details

Site at 276440, 188700

Landmark
INFORMATION GROUP

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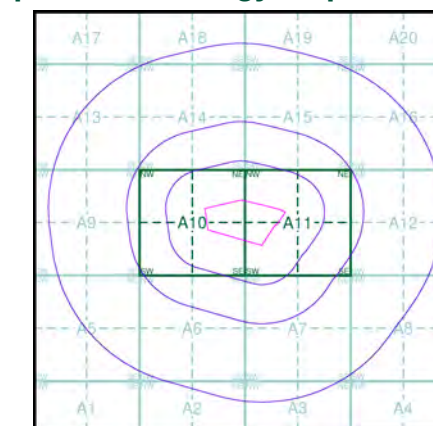
Superficial Geology

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



Order Details

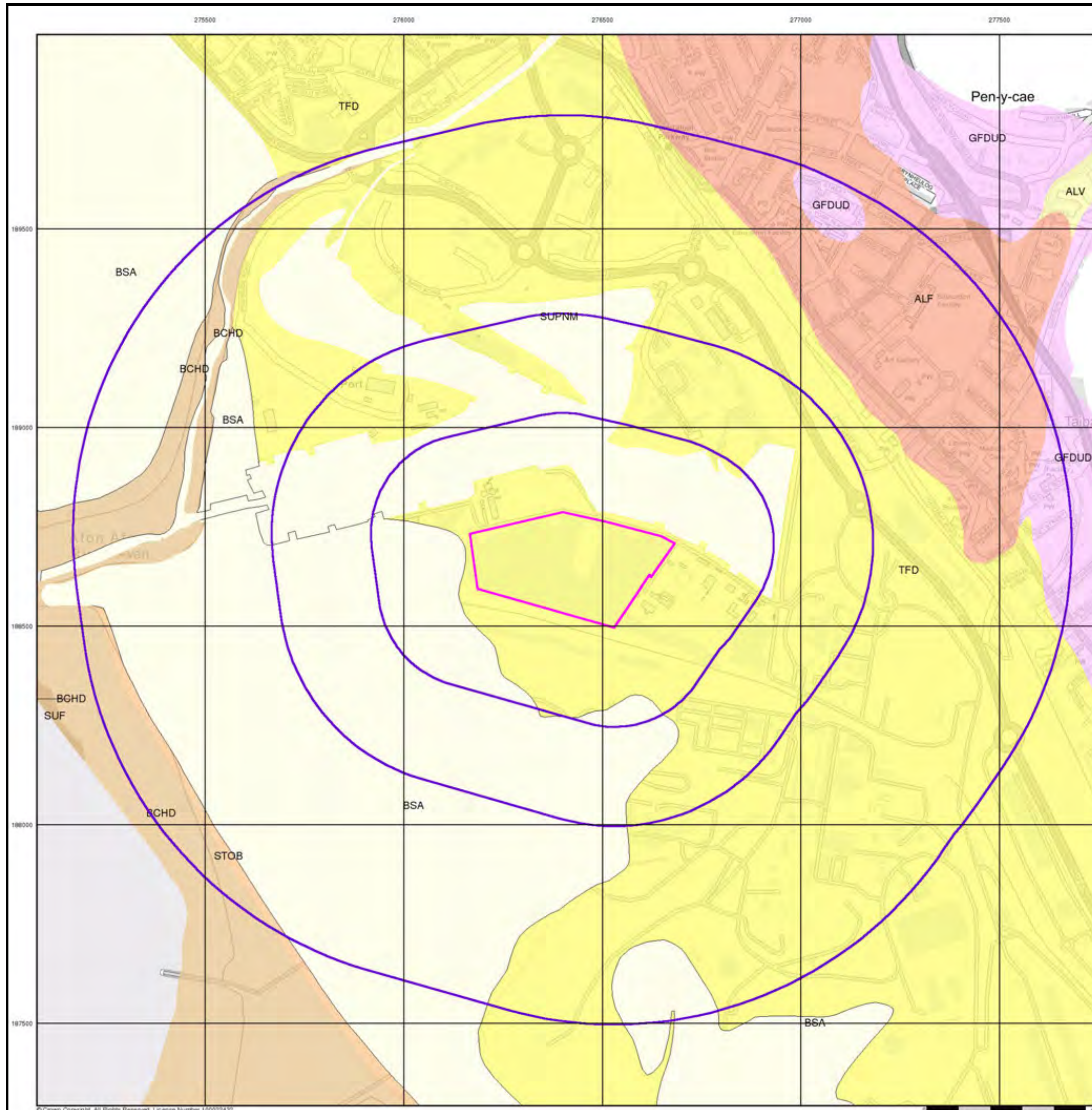
Order Number: 293349570_1_1
Customer Ref: 2111006.002
National Grid Reference: 276420, 188660
Slice: A
Site Area (Ha): 9.68
Search Buffer (m): 1000

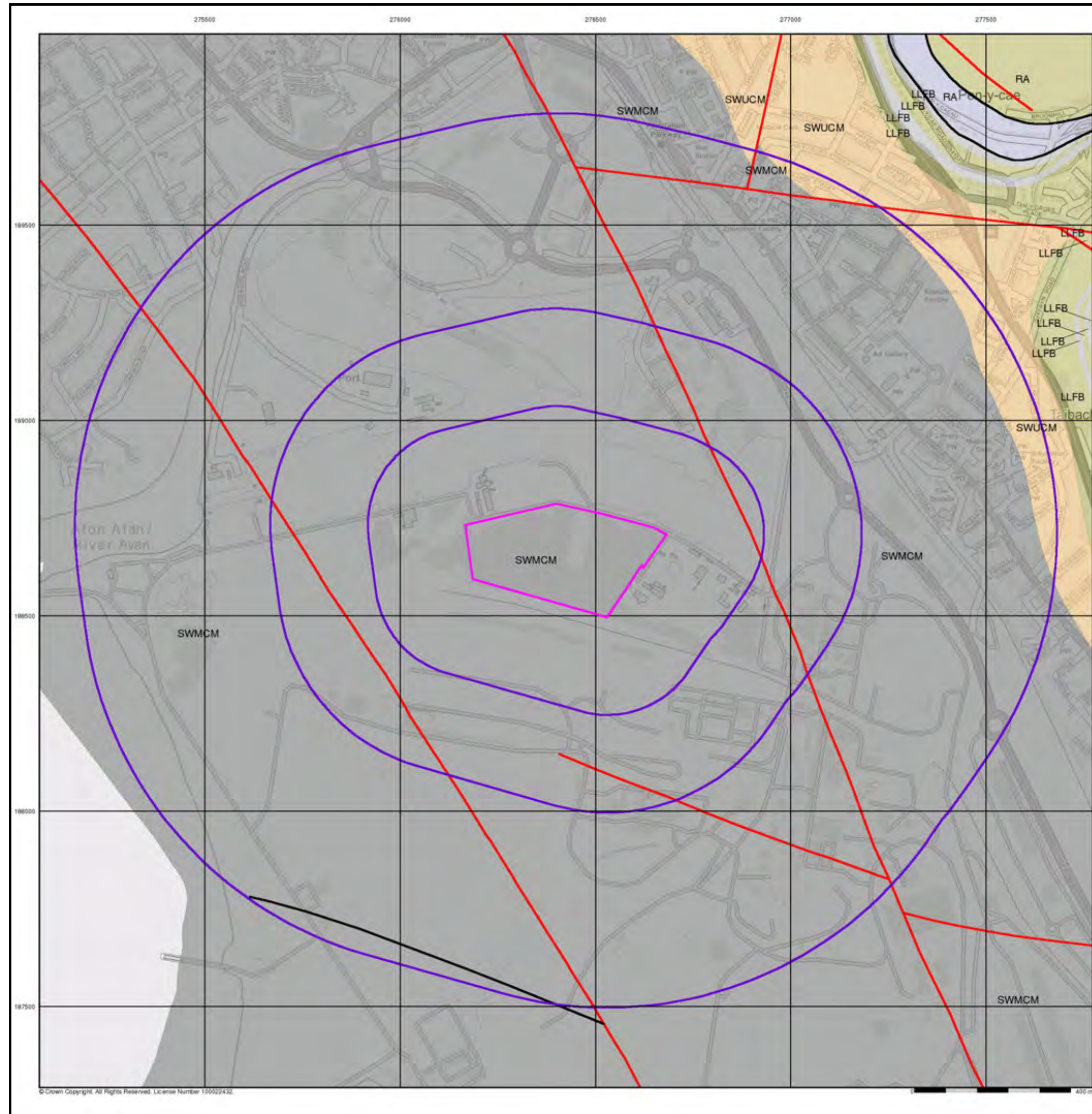
Site Details

Site at 276440, 188700

Landmark
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Bedrock and Faults

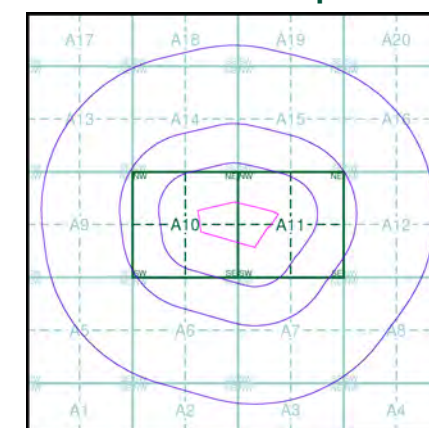
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

The BGS Faults and Rock Segments dataset includes geological faults 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



Order Details

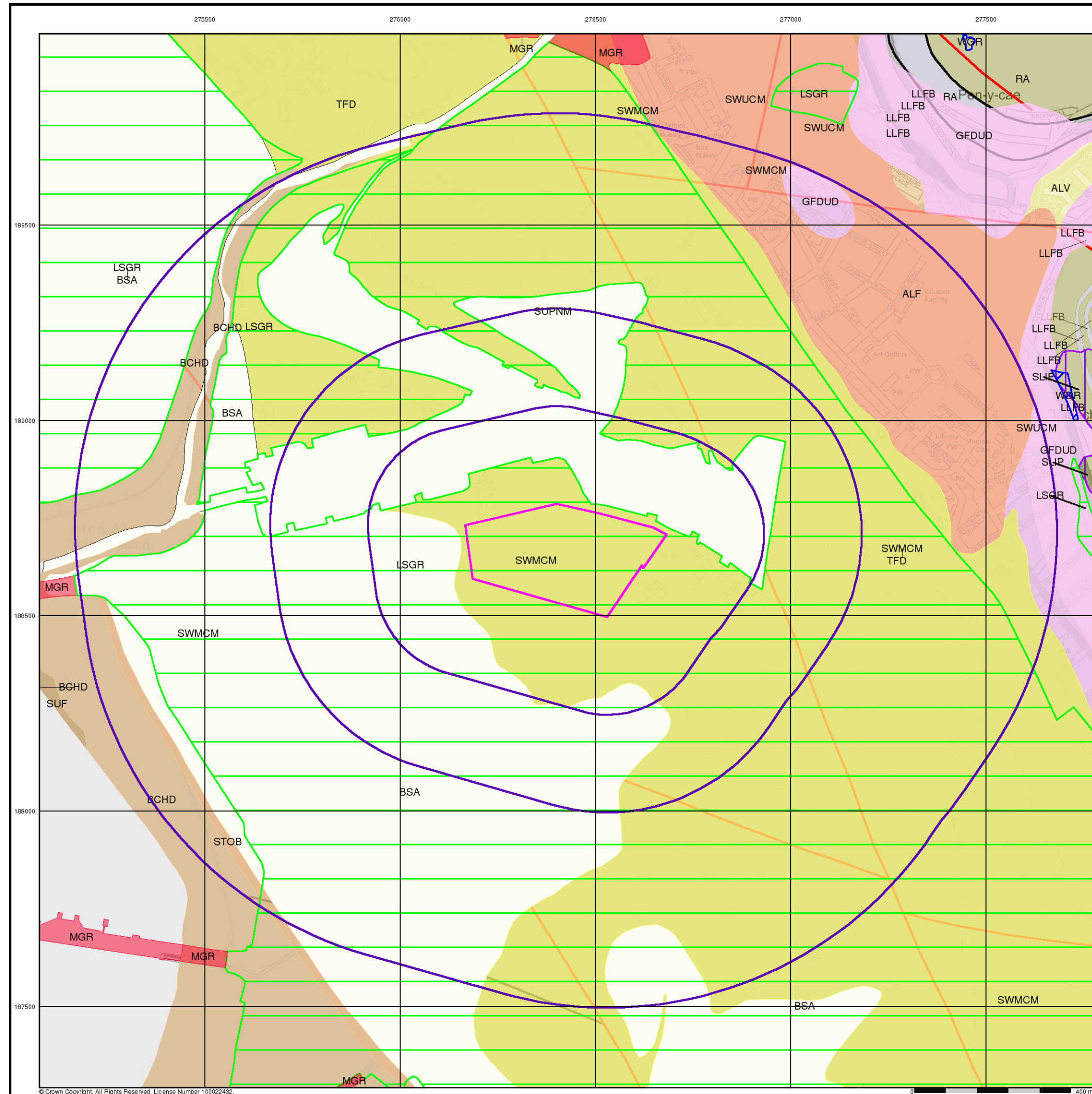
Order Number: 293349570_1_1
Customer Ref: 2111006.002
National Grid Reference: 276420, 188660
Slice: A
Site Area (Ha): 9.68
Search Buffer (m): 1000

Site Details

Site at 276440, 188700



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Combined Surface Geology

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

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

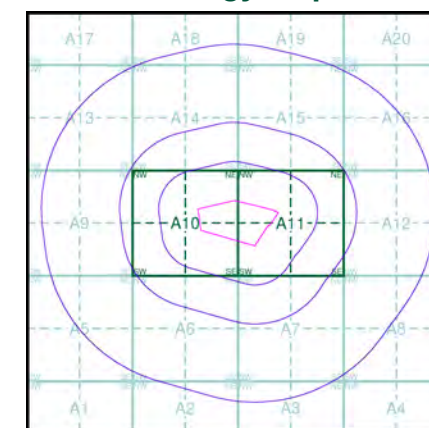
Additional Information

More information on 1:10,000 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
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Keyworth
Nottingham
NG12 5GG
Telephone: 0115 936 3143
Fax: 0115 936 3276
email: enquiries@bgs.ac.uk
website: www.bgs.ac.uk

Combined Geology Map - Slice A



Order Details

Order Number: 293349570_1_1
Customer Ref: 2111006.002
National Grid Reference: 276420, 188660
Slice: A
Site Area (Ha): 9.68
Search Buffer (m): 1000

Site Details

Site at 276440, 188700



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Envirocheck[®] Report:

Mining and Ground Stability Datasheet

Order Details:

Order Number:

293349570_1_1

Customer Reference:

2111006.002

National Grid Reference:

276420, 188660

Slice:

A

Site Area (Ha):

9.68

Search Buffer (m):

1000

Site Details:

Site at 276440, 188700

Client Details:

Mr T .
Tweedie Evans Consulting Ltd
The Old Chapel
35a Southover
Wells
Somerset
BA5 1UH

Report Section and Details	Page Number
Summary	-
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. 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).	
Mining and Natural Cavities Data	1
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. 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.	
Historical Land Use Information (1:2,500)	2
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. 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.	
Historical Land Use Information (1:10,000)	6
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. 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.	
Ground Stability Data (1:50,000)	10
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.	
Historical Map List	11
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.	
Data Currency	12
Data Suppliers	13
Useful Contacts	14

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The brine subsidence data relating to the Droitwich 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.

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Report Version v53.0



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		1		1
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			2	1
Historical Land Use Information (1:2,500)					
Extractive Industries or Potential Excavations from 1855-1909 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1893-1915 (100m)	pg 2	2	4	n/a	n/a
Extractive Industries or Potential Excavations from 1906-1937 (100m)	pg 2	5	3	n/a	n/a
Extractive Industries or Potential Excavations from 1924-1949 (100m)	pg 3	2	3	n/a	n/a
Extractive Industries or Potential Excavations from 1950-1980 (100m)	pg 3	12	6	n/a	n/a
Subterranean Features (100m)				n/a	n/a
Historical Land Use Information (1:10,000)					
Air Shafts					
Disturbed Ground	pg 6				1
General Quarrying					
Heap, unknown constituents	pg 6	1	1	2	10
Mineral Railway	pg 6		1		1
Mining & quarrying general					
Mining of coal & lignite	pg 6	1	1		
Quarrying of sand & clay, operation of sand & gravel pits	pg 6				1
Former Marshes	pg 6				1
Potentially Infilled Land (Non-Water)	pg 7				2
Potentially Infilled Land (Water)	pg 7	2	3	10	27
Ground Stability Data (1:50,000)					
CBSCB Compensation District			n/a	n/a	n/a
Brine Pumping Related Features					
Brine Subsidence Solution Area					
Potential for Collapsible Ground Stability Hazards	pg 10	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 10	Yes		n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 10	Yes		n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 10	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 10	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 10	Yes	Yes	n/a	n/a
Salt Mining Related Features					



Report Version v53.0

Summary



Mining and Natural Cavities Data

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	BGS Recorded Mineral Sites Site Name: Port Talbot Steel Slag Aggregates Location: Port Talbot Steelworks, Port Talbot, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 27196 Type: Steel Works Status: Active Operator: Tarmac (A Crh Company) Operator Location: Not Supplied Periodic Type: Not Available Geology: Ground Granulated Blast Furnace Slag - Addition, Cementitious Commodity: Blast Furnace Slag Positional Accuracy: Located by supplier to within 10m	A10NE (NW)	53	1	276290 188815
2	BGS Recorded Mineral Sites Site Name: Margam Sand Pit Location: Port Talbot, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 3050 Type: Opencast Status: Ceased Operator: Associated British Ports (Cardiff) Operator Location: Not Supplied Periodic Type: Quaternary Geology: Blown Sand Commodity: Sand Positional Accuracy: Unknown	A9SE (W)	693	1	275500 188500
	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.	A10NE (SE)	0	2	276417 188657
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A10NE (SE)	0	3	276417 188657
	Non Coal Mining Areas of Great Britain No Hazard				
3	Potential Mining Areas Name: Morfa Ceased Operation: Not Supplied Commodity: Coal; North Fawr; South Fawr; Third; Six Feet; Nine Feet; Five Quarter; Cribbwr Reference: Not Supplied Alternate: Not Supplied Name/Mine: Not Supplied Custodian: Lawrence Davies and Causton, 6 Park Place, Cardiff.	A7NW (SE)	309	4	276639 188208
4	Potential Mining Areas Name: Morfa Ceased Operation: 1914 Commodity: Coal; Cribbwr Fach; Cribbwr Fawr; Four Feet Reference: 6252 Alternate: Abbot Name/Mine: Grange Alternate: Grange Name/Mine: Not Supplied Custodian:	A7NW (SE)	309	4	276639 188208
5	Potential Mining Areas Name: Morfa Ceased Operation: 1911 Commodity: Coal; Nine Feet Reference: 5851 Alternate: Abbot Name/Mine: Grange Alternate: Grange Name/Mine: Not Supplied Custodian:	A7SW (S)	699	4	276630 187806



Historical Land Use Information (1:2,500)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	Extractive Industries or Potential Excavations from 1893-1915 Use: Unspecified Deposited Material First Map Published 1899 Date: Last Map Published Not Applicable Date:	A10NE (SE)	0	-	276417 188657
7	Extractive Industries or Potential Excavations from 1893-1915 Use: Unspecified Pit First Map Published 1899 Date: Last Map Published Not Applicable Date:	A10NE (NW)	0	-	276266 188793
8	Extractive Industries or Potential Excavations from 1893-1915 Use: Unspecified Industrial Water Feature First Map Published 1899 Date: Last Map Published 1899 Date:	A11NW (NE)	14	-	276491 188787
9	Extractive Industries or Potential Excavations from 1893-1915 Use: Old Dock First Map Published 1899 Date: Last Map Published 1899 Date:	A11NW (NE)	14	-	276491 188787
10	Extractive Industries or Potential Excavations from 1893-1915 Use: Railway Embankment First Map Published 1899 Date: Last Map Published Not Applicable Date:	A10SE (W)	53	-	276135 188583
11	Extractive Industries or Potential Excavations from 1893-1915 Use: New Dock First Map Published 1899 Date: Last Map Published 1899 Date:	A10NE (NW)	78	-	276190 188828
12	Extractive Industries or Potential Excavations from 1906-1937 Use: Unspecified Pit First Map Published 1919 Date: Last Map Published Not Applicable Date:	A11NW (NE)	0	-	276427 188666
13	Extractive Industries or Potential Excavations from 1906-1937 Use: Unspecified Deposited Material First Map Published 1919 Date: Last Map Published Not Applicable Date:	A11NW (NE)	0	-	276530 188714
14	Extractive Industries or Potential Excavations from 1906-1937 Use: Unspecified Deposited Material First Map Published 1919 Date: Last Map Published Not Applicable Date:	A10SE (SW)	0	-	276377 188596
15	Extractive Industries or Potential Excavations from 1906-1937 Use: Unspecified Pit First Map Published 1919 Date: Last Map Published Not Applicable Date:	A10SE (SW)	0	-	276267 188591
16	Extractive Industries or Potential Excavations from 1906-1937 Use: New Dock First Map Published 1917 Date: Last Map Published 1919 Date:	A10NE (SE)	0	-	276417 188657



Historical Land Use Information (1:2,500)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	Extractive Industries or Potential Excavations from 1906-1937 Use: Railway Embankment First Map Published 1919 Date: Last Map Published Not Applicable Date:	A10NE (NW)	14	-	276192 188780
18	Extractive Industries or Potential Excavations from 1906-1937 Use: Unspecified Industrial Water Feature First Map Published 1917 Date: Last Map Published 1919 Date:	A11NW (NE)	21	-	276492 188786
19	Extractive Industries or Potential Excavations from 1906-1937 Use: Railway Embankment First Map Published 1919 Date: Last Map Published Not Applicable Date:	A10SE (W)	77	-	276106 188614
20	Extractive Industries or Potential Excavations from 1924-1949 Use: Railway Embankment First Map Published 1940 Date: Last Map Published 1940 Date:	A10SE (S)	0	-	276399 188574
21	Extractive Industries or Potential Excavations from 1924-1949 Use: New Dock First Map Published 1939 Date: Last Map Published 1940 Date:	A10NE (SE)	0	-	276417 188657
22	Extractive Industries or Potential Excavations from 1924-1949 Use: G.W.R. Port Talbot Docks Branch First Map Published 1940 Date: Last Map Published 1940 Date:	A10SE (S)	3	-	276383 188535
23	Extractive Industries or Potential Excavations from 1924-1949 Use: Unspecified Industrial Water Feature First Map Published 1939 Date: Last Map Published 1940 Date:	A11NW (NE)	19	-	276493 188785
24	Extractive Industries or Potential Excavations from 1924-1949 Use: Railway Embankment First Map Published 1940 Date: Last Map Published Not Applicable Date:	A10NE (NW)	60	-	276220 188807
25	Extractive Industries or Potential Excavations from 1950-1980 Use: Dock First Map Published 1952 Date: Last Map Published 1953 Date:	A10NE (SE)	0	-	276417 188657
26	Extractive Industries or Potential Excavations from 1950-1980 Use: New Dock First Map Published 1952 Date: Last Map Published 1953 Date:	A10NE (NW)	0	-	276273 188780
27	Extractive Industries or Potential Excavations from 1950-1980 Use: Railway Embankment First Map Published 1952 Date: Last Map Published 1953 Date:	A10NE (NW)	0	-	276269 188776



Historical Land Use Information (1:2,500)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	Extractive Industries or Potential Excavations from 1950-1980 Use: Railway Cutting First Map Published 1952 Date: Last Map Published N/A Date:	A10SE (S)	0	-	276407 188595
29	Extractive Industries or Potential Excavations from 1950-1980 Use: Railway Cutting First Map Published 1952 Date: Last Map Published N/A Date:	A10NE (W)	0	-	276270 188667
30	Extractive Industries or Potential Excavations from 1950-1980 Use: Unspecified Deposited Material First Map Published 1952 Date: Last Map Published N/A Date:	A10NE (W)	0	-	276235 188686
31	Extractive Industries or Potential Excavations from 1950-1980 Use: Unspecified Deposited Material First Map Published 1952 Date: Last Map Published N/A Date:	A10NE (NW)	0	-	276325 188711
32	Extractive Industries or Potential Excavations from 1950-1980 Use: Unspecified Deposited Material First Map Published 1952 Date: Last Map Published N/A Date:	A10NE (NW)	0	-	276373 188709
33	Extractive Industries or Potential Excavations from 1950-1980 Use: Unspecified Deposited Material First Map Published 1952 Date: Last Map Published N/A Date:	A10NE (W)	0	-	276365 188645
34	Extractive Industries or Potential Excavations from 1950-1980 Use: Pond First Map Published 1952 Date: Last Map Published N/A Date:	A10NE (W)	0	-	276395 188664
35	Extractive Industries or Potential Excavations from 1950-1980 Use: Pond First Map Published 1952 Date: Last Map Published N/A Date:	A10NE (NW)	0	-	276299 188714
36	Extractive Industries or Potential Excavations from 1950-1980 Use: Unspecified Deposited Material First Map Published 1952 Date: Last Map Published N/A Date:	A10NE (W)	0	-	276314 188667
37	Extractive Industries or Potential Excavations from 1950-1980 Use: Unspecified Industrial Water Feature First Map Published 1952 Date: Last Map Published 1953 Date:	A11NW (NE)	15	-	276489 188784
38	Extractive Industries or Potential Excavations from 1950-1980 Use: Crown Wharf First Map Published 1952 Date: Last Map Published N/A Date:	A11NW (NE)	19	-	276524 188782



Historical Land Use Information (1:2,500)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
39	Extractive Industries or Potential Excavations from 1950-1980 Use: Rio Tinto Wharf First Map Published 1952 Date: Last Map Published N/A Date:	A11NW (NE)	20	-	276484 188788
40	Extractive Industries or Potential Excavations from 1950-1980 Use: Railway Embankment First Map Published 1952 Date: Last Map Published N/A Date:	A11SW (SE)	37	-	276547 188464
41	Extractive Industries or Potential Excavations from 1950-1980 Use: Phoenix Wharf First Map Published 1952 Date: Last Map Published N/A Date:	A11NW (E)	85	-	276760 188676
42	Extractive Industries or Potential Excavations from 1950-1980 Use: Pond First Map Published 1952 Date: Last Map Published 1952 Date:	A10SE (S)	88	-	276388 188446



Historical Land Use Information (1:10,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
43	Disturbed Ground Use: Not Supplied Date of Mapping: 1885	A9SE (W)	711	-	275469 188586
44	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1965	A10NE (W)	0	-	276285 188681
45	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1921	A11NW (NE)	222	-	276580 188977
46	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1965	A7NW (S)	320	-	276527 188177
47	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1965	A7NW (S)	493	-	276500 188003
48	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1965	A7NW (S)	509	-	276484 187990
49	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1921	A6NW (SW)	639	-	275912 188018
50	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1965	A6SE (S)	652	-	276265 187894
51	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1965	A7SE (SE)	685	-	276762 187853
52	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1921	A6NW (SW)	703	-	275799 188008
53	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1921	A6SW (SW)	716	-	276076 187882
54	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1951 - 1965	A6SW (SW)	786	-	275821 187899
55	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1965	A6SE (S)	790	-	276341 187730
56	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1884	A13SW (NW)	951	-	275357 189230
57	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1965	A3NE (SE)	1000	-	276996 187613
58	Mineral Railway Use: Not Supplied Date of Mapping: 1921	A11NW (NE)	10	-	276570 188760
59	Mineral Railway Use: Not Supplied Date of Mapping: 1884	A16SE (E)	933	-	277567 188999
60	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1921	A11NW (E)	0	-	276434 188662
61	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1951	A11NW (E)	70	-	276741 188671
62	Quarrying of sand & clay, operation of sand & gravel pits Use: Not Supplied Date of Mapping: 1921	A5NE (SW)	633	-	275743 188136
63	Former Marshes Use: Former Marsh Date of Mapping: 1952	A15NE (NE)	699	-	276762 189417



Historical Land Use Information (1:10,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
64	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A5NE (SW)	633	-	275743 188136
65	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A12SW (E)	662	-	277270 188407
66	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A11NW (NE)	0	-	276436 188699
67	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A10NE (W)	0	-	276393 188664
68	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A10SE (S)	40	-	276411 188489
69	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A10NE (N)	75	-	276358 188853
70	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A11NW (N)	186	-	276520 188950
71	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A11NE (E)	253	-	276933 188691
72	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A11NE (E)	260	-	276939 188684
73	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A11SE (E)	261	-	276922 188585
74	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A6NE (S)	296	-	276326 188248
75	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A11SE (E)	319	-	276957 188547
76	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A11NE (NE)	348	-	276958 188920
77	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A7NW (SE)	359	-	276684 188172
78	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A7NW (SE)	374	-	276638 188138
79	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A7NW (SE)	383	-	276648 188132
80	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A12NW (E)	450	-	277131 188709
81	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A7NW (S)	528	-	276652 187984
82	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A14SW (NW)	532	-	276046 189250
83	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A14NE (N)	564	-	276362 189349
84	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A7SE (SE)	648	-	276789 187903



Historical Land Use Information (1:10,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
85	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A12SW (E)	654	-	277214 188328
86	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A15NW (NE)	708	-	276758 189428
87	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A7SW (S)	714	-	276723 187810
88	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A7SW (S)	720	-	276703 187798
89	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A7SW (S)	723	-	276689 187792
90	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A6SE (S)	729	-	276390 187781
91	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A7SW (S)	745	-	276426 187759
92	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A7SW (S)	759	-	276455 187742
93	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A13SE (NW)	762	-	275515 189126
94	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A9NE (W)	772	-	275418 188920
95	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A8NW (SE)	795	-	277240 188122
96	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A13SE (NW)	810	-	275511 189207
97	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A13SE (NW)	833	-	275566 189308
98	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1952	A13SE (NW)	865	-	275497 189278
99	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A7SW (S)	877	-	276748 187648
100	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A7SE (S)	888	-	276768 187642
101	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A7SE (SE)	962	-	276985 187649
102	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A14NW (NW)	964	-	275791 189620
103	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A18SW (NW)	974	-	275838 189661
104	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A8NE (E)	975	-	277520 188211
105	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A18SW (N)	976	-	276060 189709



Historical Land Use Information (1:10,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
106	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A18SW (N)	983	-	275989 189705
107	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A8NE (E)	993	-	277571 188266



Ground Stability Data (1:50,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	CBCSB Compensation District 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.				
108	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NW (NE)	54	1	276520 188825
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NE (SE)	0	1	276417 188657
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NE (SE)	0	1	276417 188657
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NE (SE)	0	1	276417 188657
109	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10NE (SE)	0	1	276417 188657
110	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11SW (S)	44	1	276461 188471
111	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A10SE (SW)	46	1	276328 188504
112	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A10SE (S)	93	1	276419 188418
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NE (SE)	0	1	276417 188657
113	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10NE (SE)	0	1	276417 188657
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (NE)	18	1	276520 188825

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

1:2,500	Mapsheet	Published Date
Glamorganshire	033_01	1877
Glamorganshire	033_01	1877
Glamorganshire	033_02	1877
Glamorganshire	033_01	1899
Glamorganshire	033_01	1899
Glamorganshire	033_02	1899
Glamorganshire	033_02	1917
Glamorganshire	033_01	1919
Glamorganshire	033_01	1919
Glamorganshire	033_01	1940
Glamorganshire	033_01	1940
Glamorganshire	033_02	1940
Ordnance Survey Plan	SS7588	1953

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

1:10,560	Mapsheet	Published Date
Glamorganshire	025_00	1884
Glamorganshire	033_00	1885
Glamorganshire	025_SW	1900
Glamorganshire	033_NW	1900
Glamorganshire	025_SW	1921
Glamorganshire	033_NW	1921
Glamorganshire	033_NW	1951
Glamorganshire	025_SW	1952
Ordnance Survey Plan	SS78NE	1965
1:10,000	Mapsheet	Published Date
Ordnance Survey Plan	SS78NE	1993

Mining and Cavities Data	Version	Update Cycle
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	November 2021	Bi-Annually
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Man Made Mining Cavities Stantec UK Ltd	December 2021	Bi-Annually
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Natural Cavities Stantec UK Ltd	December 2021	Bi-Annually
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Historical Land Use Information (1:2,500)	Version	Update Cycle
Subterranean Features Landmark Information Group Limited	February 2020	Bi-Annually
Ground Stability Data (1:50,000)	Version	Update Cycle
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Brine Subsidence Solution Area Johnson Poole & Bloomer	December 2020	Annual Rolling Update

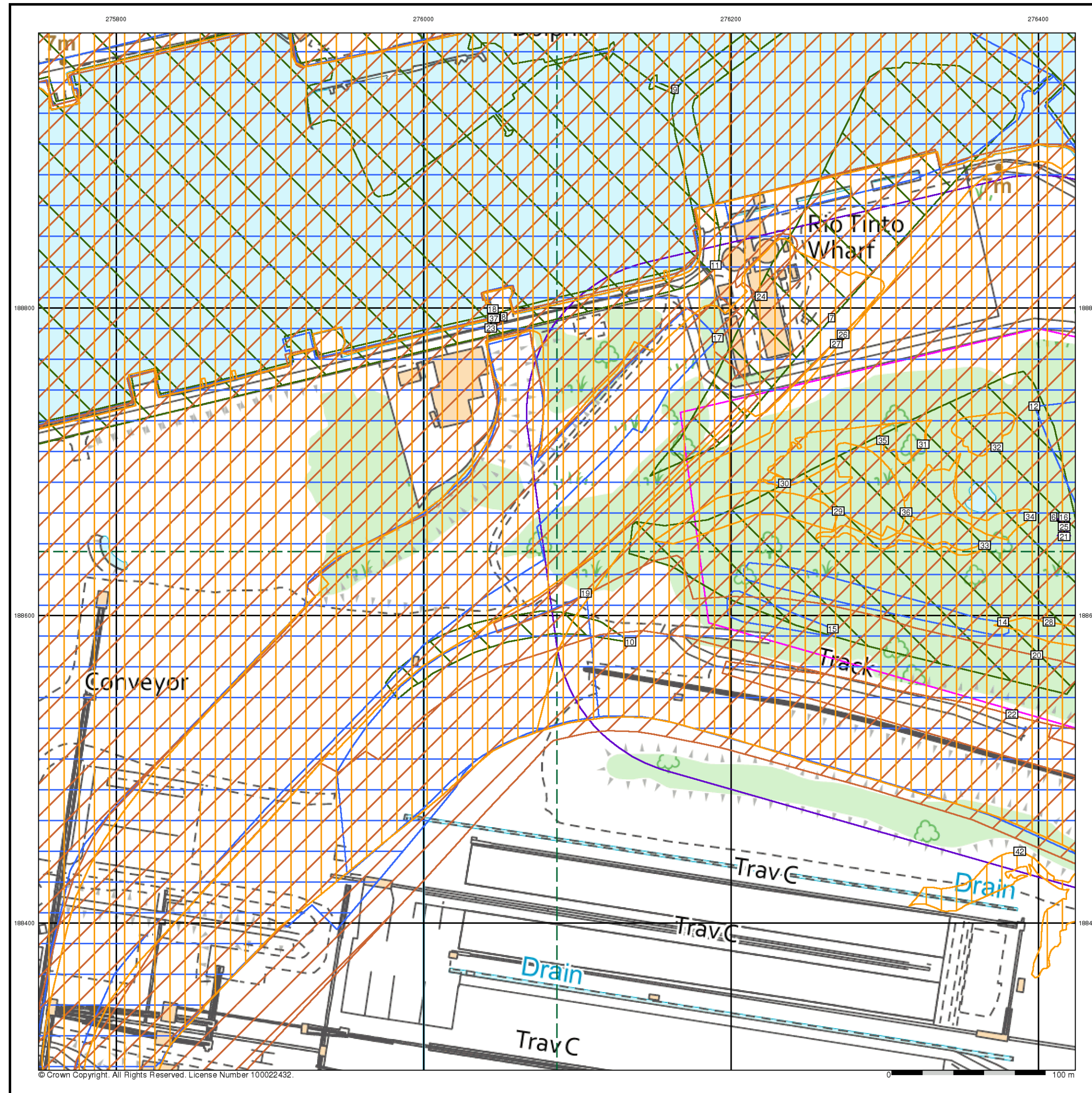
A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
British Geological Survey	
The Coal Authority	
Ove Arup	
Stantec UK Ltd	
Wardell Armstrong	
Johnson Poole & Bloomer	



Useful Contacts

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	The Coal Authority - Property Searches 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website: www2.groundstability.com
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

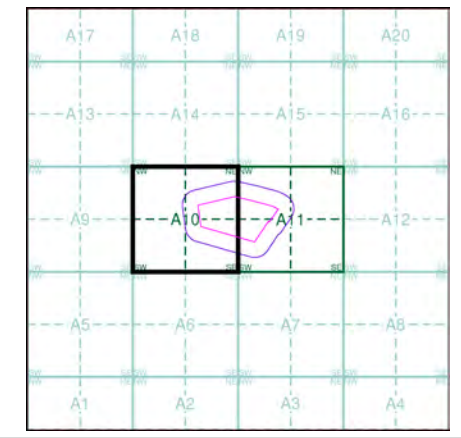
Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	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 A10



Order Details

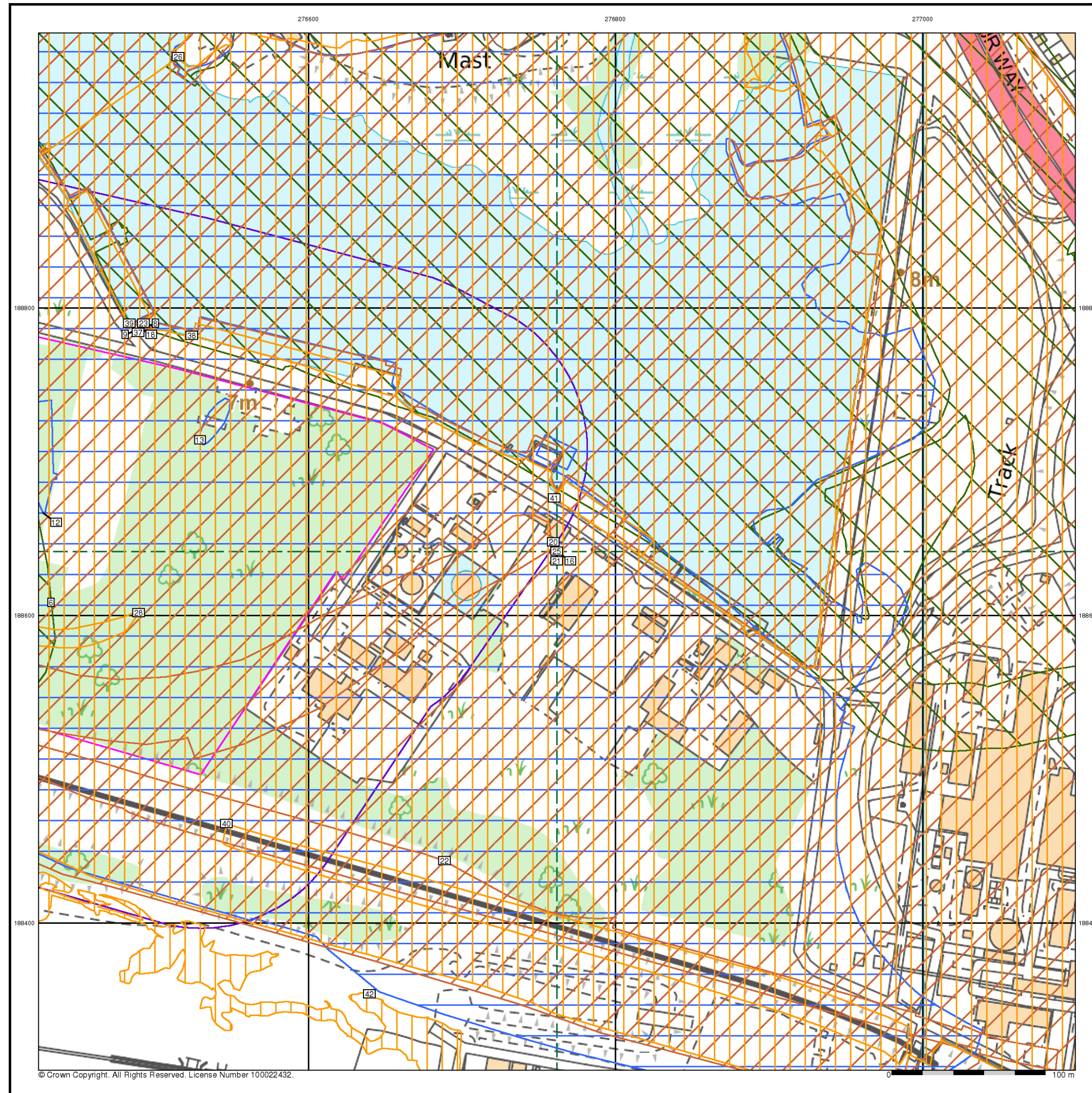
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Customer Ref: 2111006.002
National Grid Reference: 276420, 188660
Slice: A
Site Area (Ha): 9.68
Plot Buffer (m): 100

Site Details

Site at 276440, 188700



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

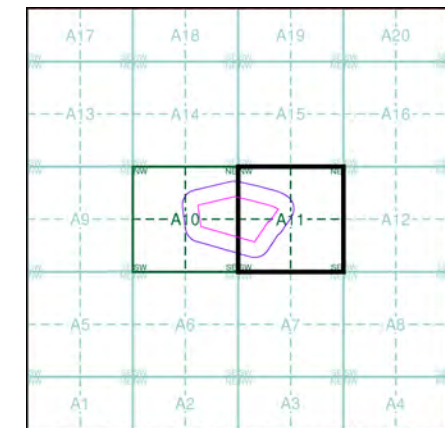
Potentially Contaminative Industrial Uses (Extractive Industries Activity)

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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 A11



Order Details

Order Number: 293349570_1_1
Customer Ref: 2111006.002
National Grid Reference: 276420, 188660
Slice: A
Site Area (Ha): 9.68
Plot Buffer (m): 100

Site Details

Site at 276440, 188700



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			

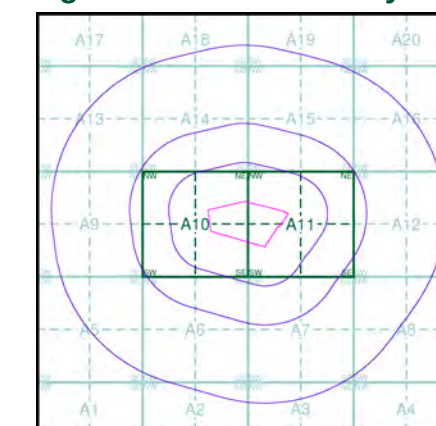
Historical Land Use

	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

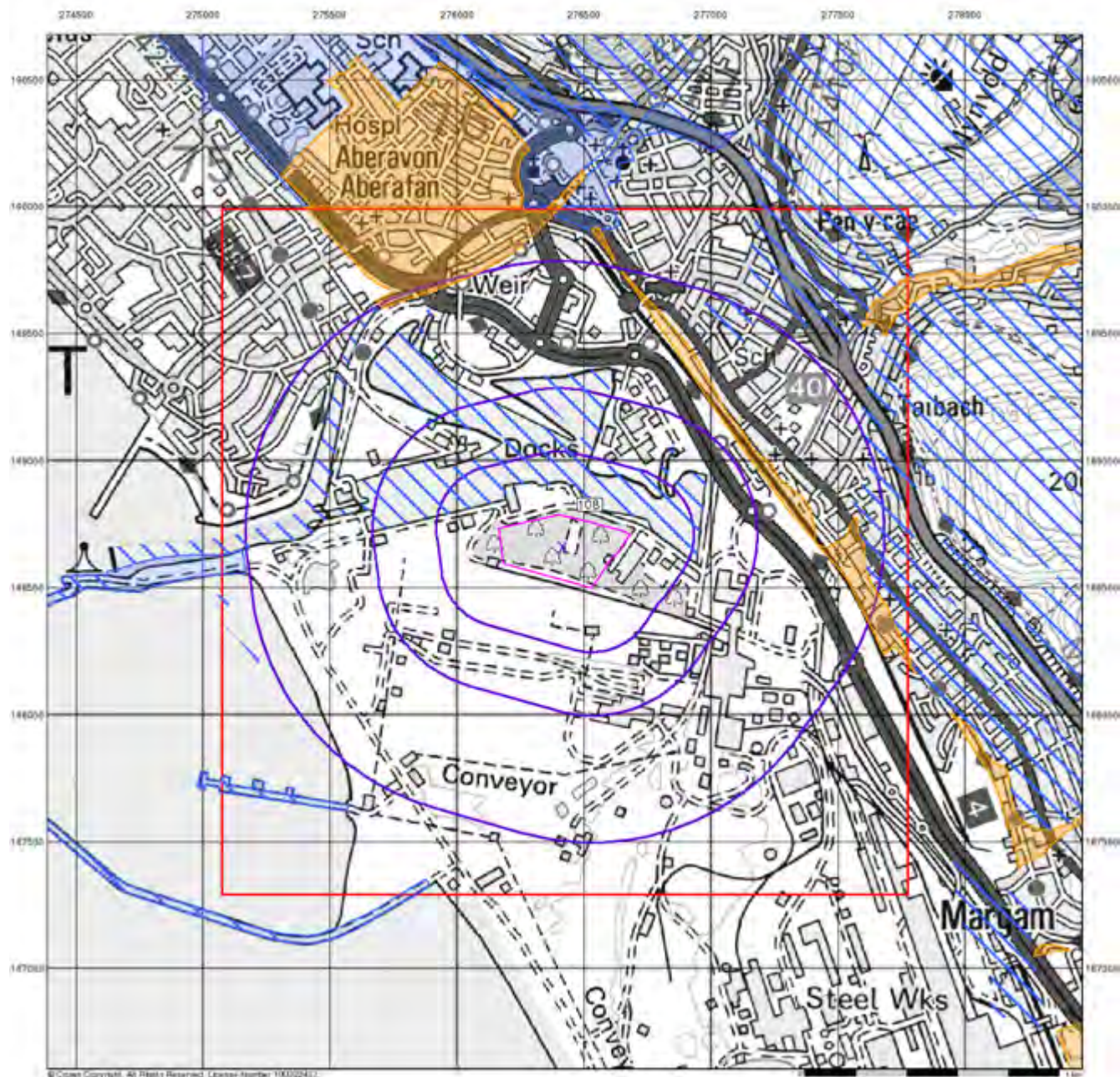
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Customer Ref: 2111006.002
National Grid Reference: 276420, 188660
Slice: A
Site Area (Ha): 9.68
Search Buffer (m): 1000

Site Details

Site at 276440, 188700

Landmark
INFORMATION GROUP

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



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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
- Moderate
- Low
- Very Low

Potential for Collapsible Ground Stability Hazards

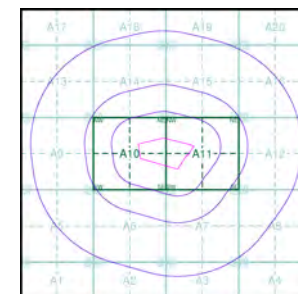
- High
- Moderate
- Low
- Very Low

Brine Pumping and Salt Mining

- Brine Pumping Related Feature
- Salt Mining Related Feature

- | Point | Polygon |
|-------|---------|
| | |
| | |

Mining and Ground Stability - Slice A



Order Details

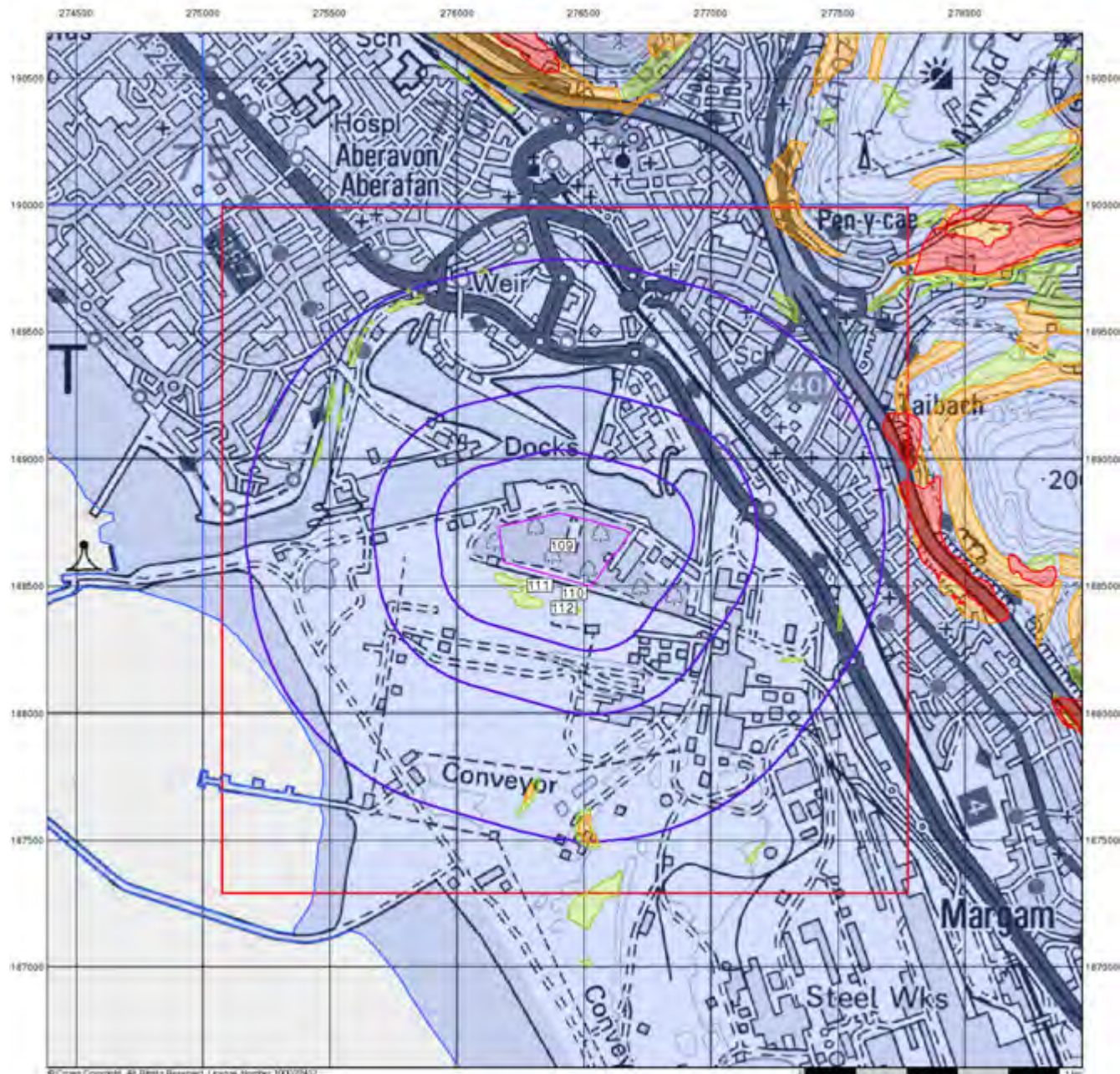
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 Customer Ref: 2111006.002
 National Grid Reference: 276420, 188660
 Slice: A
 Site Area (Ha): 9.68
 Search Buffer (m): 1000

Site Details

Site at 276440, 188700

Landmark
 INFORMATION GROUP

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Ground Stability Data (1:50,000)

General

- ▮ Specified Site ○ Specified Buffer(s) X Bearing Reference Point
- ▮ Slice B Map ID

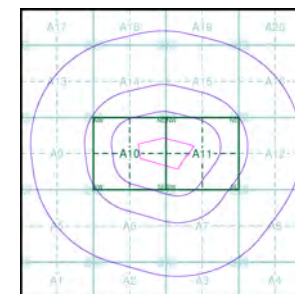
Potential for Landslide Ground Stability Hazards

- High ■ Low
- Moderate ■ Very Low

Potential for Ground Dissolution Stability Hazards

- ▨ High ▨ Low
- ▨ Moderate ▨ Very Low

Mining and Ground Stability - Slice A



Order Details

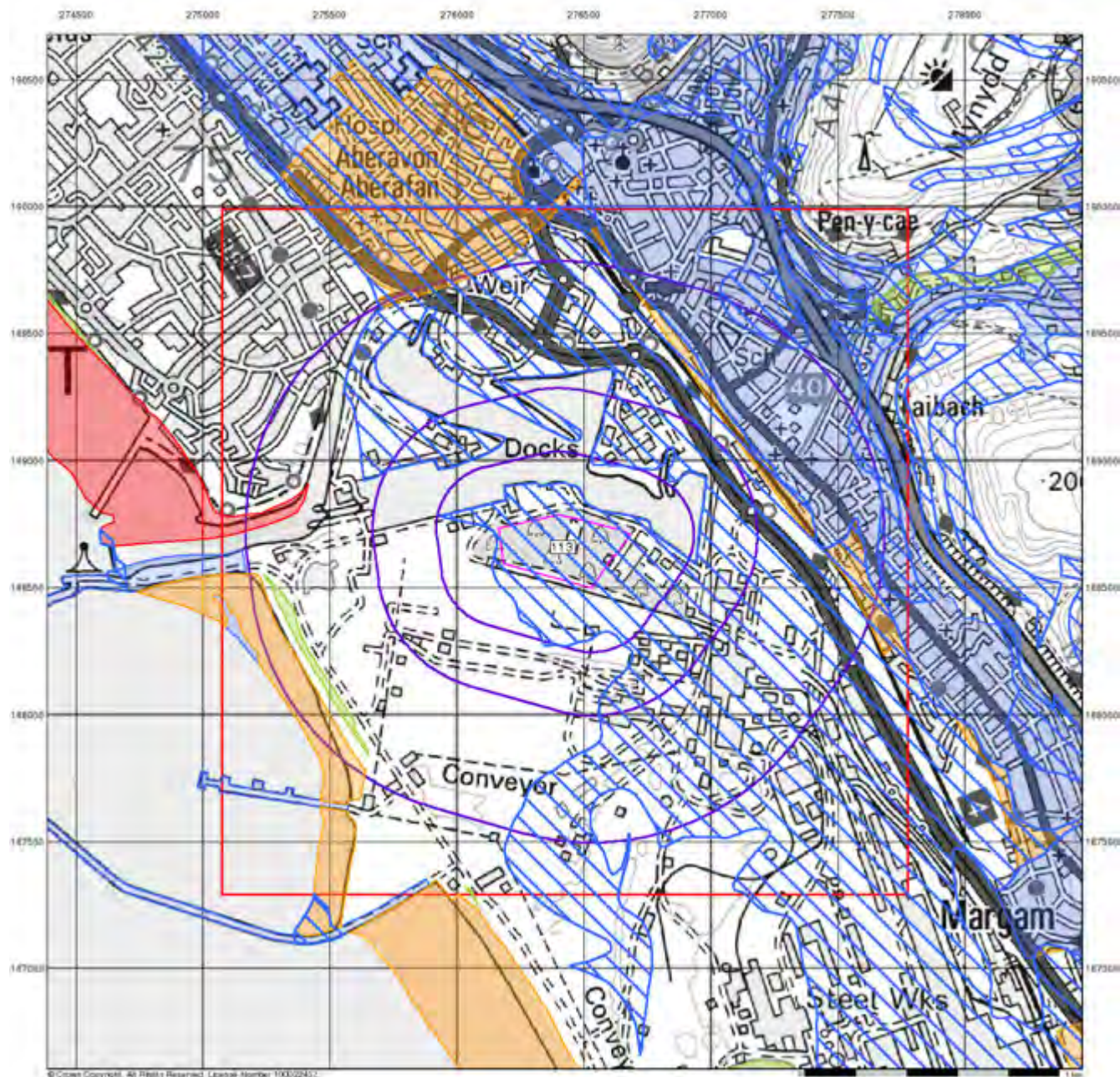
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 Customer Ref: 2111006.002
 National Grid Reference: 276420, 188660
 Slice: A
 Site Area (Ha): 9.68
 Search Buffer (m): 1000

Site Details

Site at 276440, 188700

Landmark
 INFORMATION GROUP

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



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Ground Stability Data (1:50,000)

General

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

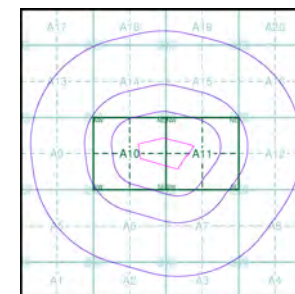
Potential for Running Sand Ground Stability Hazards

- 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: 293349570_1_1
 Customer Ref: 2111006.002
 National Grid Reference: 276420, 188660
 Slice: A
 Site Area (Ha): 9.68
 Search Buffer (m): 1000

Site Details

Site at 276440, 188700

Landmark
 INFORMATION GROUP

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

Appendix C

Coal Mining Consultants Report



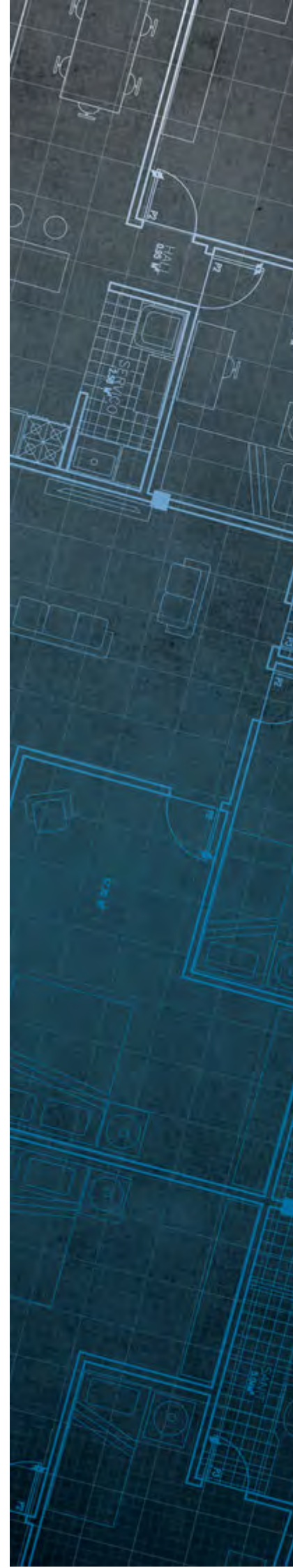
The Coal
Authority

Consultants Coal Mining Report

Site At 276440, 188700
Vale Of Glamorgan

Date of enquiry:	30 March 2022
Date enquiry received:	30 March 2022
Issue date:	30 March 2022

Our reference:	51003005839001
Your reference:	293349570_2



Consultants

Coal Mining Report

This report is based on and limited to the records held by the Coal Authority at the time the report was produced.

Client name

NLIS Hub

Enquiry address

Site At 276440, 188700
Vale Of Glamorgan

How to contact us

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

200 Lichfield Lane
Mansfield
Nottinghamshire
NG18 4RG

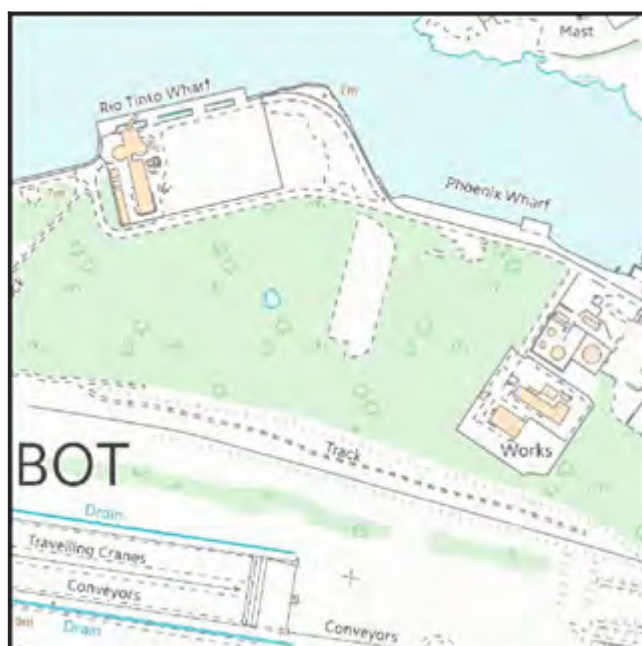
www.groundstability.com

 @coalauthority

 /company/the-coal-authority

 /thecoalauthority

 /thecoalauthority



Approximate position of property



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Section 1 – Mining activity and geology

Past underground mining

Colliery	Seam	Mineral	Coal Authority reference	Depth (m)	Direction to working	Dipping rate of seam worked (degrees)	Dipped direction of seam worked	Extraction thickness (cm)	Year last mined
MORFA	GELLIDEG	Coal	4ECQ	747	South-East	18.5	North	240	1906
MORFA	GELLIDEG	Coal	4JF5	767	South-East	18.4	North-East	180	1906

Probable unrecorded shallow workings

None.

Spine roadways at shallow depth

No spine roadway recorded at shallow depth.

Mine entries

None recorded within 100 metres of the enquiry boundary.

Abandoned mine plan catalogue numbers

None available.

Outcrops

No outcrops recorded.

Geological faults, fissures and breaklines

No faults, fissures or breaklines recorded.

Opencast mines

None recorded within 500 metres of the enquiry boundary.

Coal Authority managed tips

None recorded within 500 metres of the enquiry boundary.

Section 2 – Investigative or remedial activity

Please refer to the 'Summary of findings' map (on separate sheet) for details of any activity within the area of the site boundary.

Site investigations

None recorded within 50 metres of the enquiry boundary.

Remediated sites

None recorded within 50 metres of the enquiry boundary.

Coal mining subsidence

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

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

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

Mine gas

None recorded within 500 metres of the enquiry boundary.

Mine water treatment schemes

None recorded within 500 metres of the enquiry boundary.

Section 3 – Licensing and future mining activity

Future underground mining

None recorded.

Coal mining licensing

None recorded within 200 metres of the enquiry boundary.

Court orders

None recorded.

Section 46 notices

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

Withdrawal of support notices

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

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

Payments to owners of former copyhold land

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

Section 4 – Further information

The following potential risks have been identified and as part of your risk assessment should be investigated further.

Development advice

The site is within an area of historical coal mining activity. Should you require advice and/or support on understanding the mining legacy, its risks to your development or what next steps you need to take, please contact us.

For further information on specific site or ground investigations in relation to any issues raised in Section 4, please call us on 0345 762 6848 or email us at groundstability@coal.gov.uk.

Section 5 – Data definitions

The datasets used in this report have limitations and assumptions within their results. For more guidance on the data and the results specific to the enquiry boundary, please **call us on 0345 762 6848** or **email us at groundstability@coal.gov.uk**.

Past underground coal mining

Details of all recorded underground mining relative to the enquiry boundary. Only past underground workings where the enquiry boundary is within 0.7 times the depth of the workings (zone of likely physical influence) allowing for seam inclination, will be included.

Probable unrecorded shallow workings

Areas where the Coal Authority believes there to be unrecorded coal workings that exist at or close to the surface (less than 30 metres deep).

Spine roadways at shallow depth

Connecting roadways either, working to working, or, surface to working, both in-seam and cross measures that exist at or close to the surface (less than 30 metres deep), either within or within 10 metres of the enquiry boundary.

Mine entries

Details of any shaft or adit either within, or within 100 metres of the enquiry boundary including approximate location, brief treatment details where known, the mineral worked from the mine entry and conveyance details where the mine entry has previously been sold by the Authority or its predecessors British Coal or the National Coal Board.

Abandoned mine plan catalogue numbers

Plan numbers extracted from the abandoned mines catalogue containing details of coal and other mineral abandonment plans deposited via the Mines Inspectorate in accordance with the Coal Mines Regulation Act and Metalliferous Mines Regulation Act 1872. A maximum of 9 plan extents that intersect with the enquiry boundary will be included. This does not infer that the workings and/or mine entries shown on the abandonment plan will be relevant to the site/property boundary.

Outcrops

Details of seam outcrops will be included where the enquiry boundary intersects with a conjectured or actual seam outcrop location (derived by either the British Geological Survey or the Coal Authority) or intersects with a defined 50 metres buffer on the coal (dip) side of the outcrop. An indication of whether the Coal Authority believes the seam to be of sufficient thickness and/or quality to have been worked will also be included.

Geological faults, fissures and breaklines

Geological disturbances or fractures in the bedrock. Surface fault lines (British Geological Survey derived data) and fissures and breaklines (Coal Authority derived data) intersecting with the enquiry boundary will be included. In some circumstances faults, fissures or breaklines have been known to contribute to surface subsidence damage as a consequence of underground coal mining.

Opencast mines

Opencast coal sites from which coal has been removed in the past by opencast (surface) methods and where the enquiry boundary is within 500 metres of either the licence area, site boundary, excavation area (high wall) or coaling area.

Coal Authority managed tips

Locations of disused colliery tip sites owned and managed by the Coal Authority, located within 500 metres of the enquiry boundary.

Site investigations

Details of site investigations within 50 metres of the enquiry boundary where the Coal Authority has received information relating to coal mining risk investigation and/or remediation by third parties.

Remediated sites

Sites where the Coal Authority has undertaken remedial works either within or within 50 metres of the enquiry boundary following report of a hazard relating to coal mining under the Coal Authority's Emergency Surface Hazard Call Out procedures.

Coal mining subsidence

Details of alleged coal mining subsidence claims made since 31 October 1994 either within or within 50 metres of the enquiry boundary. Where the claim relates to the enquiry boundary confirmation of whether the claim was accepted, rejected or whether liability is still being determined will be given. Where the claim has been discharged, whether this was by repair, payment of compensation or a combination of both, the value of the claim, where known, will also be given.

Details of any current 'Stop Notice' deferring remedial works or repairs affecting the property/site, and if so the date of the notice.

Details of any request made to execute preventative works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991. If yes, whether any person withheld consent or failed to comply with any request to execute preventative works.

Mine gas

Reports of alleged mine gas emissions received by the Coal Authority, either within or within 500 metres of the enquiry boundary that subsequently required investigation and action by the Coal Authority to mitigate the effects of the mine gas emission.

Mine water treatment schemes

Locations where the Coal Authority has constructed or operates assets that remove pollutants from mine water prior to the treated mine water being discharged into the receiving water body.

These schemes are part of the UK's strategy to meet the requirements of the Water Framework Directive. Schemes fall into 2 basic categories: Remedial – mitigating the impact of existing pollution or Preventative – preventing a future pollution incident.

Mine water treatment schemes generally consist of one or more primary settlement lagoons and one or more reed beds for secondary treatment. A small number are more specialised process treatment plants.

Future underground mining

Details of all planned underground mining relative to the enquiry boundary. Only those future workings where the enquiry boundary is within 0.7 times the depth of the workings (zone of likely physical influence) allowing for seam inclination will be included.

Coal mining licensing

Details of all licenses issued by the Coal Authority either within or within 200 metres of the enquiry boundary in relation to the under taking of surface coal mining, underground coal mining or underground coal gasification.

Court orders

Orders in respect of the working of coal under the Mines (Working Facilities and Support) Acts of 1923 and 1966 or any statutory modification or amendment thereof.

Section 46 notices

Notice of proposals relating to underground coal mining operations that have been given under section 46 of the Coal Mining Subsidence Act 1991.

Withdrawal of support notices

Published notices of entitlement to withdraw support and the date of the notice. Details of any revocation notice withdrawing the entitlement to withdraw support given under Section 41 of the Coal Industry Act 1994.

Payment to owners of former copyhold land

Relevant notices which may affect the property and any subsequent notice of retained interests in coal and coal mines, acceptance or rejection notices and whether any compensation has been paid to a claimant.

Appendix D

Risk Methodologies and Evaluation

Risk Evaluation

The qualitative assessment methodology presented in CIRIA publication C552 (2001) titled '*Contaminated Land Risk Assessment: A Guide to Good Practice*' has been used by TEC for the basis of evaluating potential risk.

The method requires an assessment of the:

- magnitude of the probability or likelihood of the risk occurring (Table 1); and
- magnitude of the potential consequence or severity of the risk occurring (Table 2)

Table 1. Classification of Probability

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

Table 2. Classification of Consequence

Classification	Definition	Examples
Severe	Short-term (acute) risk to human health likely to result in "significant harm" as defined by the Environment Protection Act 1990, Part IIA. Short-term risk of pollution of sensitive water resource. (Note: Water Resources Act contains no scope for considering significance of pollution). Catastrophic damage to buildings/property. A short-term risk to a particular ecosystem, or organisation forming part of such ecosystem (note: the definitions of ecological systems within the draft circular on Contaminated Land, DETR, 2000).	High concentrations of cyanide on the surface of an informal recreation area. Major spillage of contaminants from site into controlled water. Explosion, causing building collapse (can also equate to a short-term human health risk if buildings are occupied).
Medium	Chronic damage to human health ("significant harm" as defined in DETR, 2000). Pollution of sensitive water resources. (Note: Water Resources Act contains no scope for considering significance of pollution). A significant change in a particular ecosystem, or organism forming part of such ecosystem, (note: the definitions of ecological systems within draft circular on Contaminated Land, DETR, 2000).	Concentration of a contaminant from site exceeding the generic or site-specific assessment criteria. Leaching of contaminants from a site to a major or minor aquifer. Death of a species within a designated nature reserve.
Mild	Pollution of non-sensitive water resources. Significant damage to crops, buildings, structures and services ("significant harm" as defined in the draft circular on Contaminated Land, DETR, 2000). Damage to sensitive buildings/structures/services or the environment.	Pollution of non-classified groundwater. Damage to building rendering it unsafe to occupy (for example foundation damage resulting in instability).
Minor	Harm, although not necessarily significant harm, which may result in a financial loss, or expenditure to resolve. Non-permanent health effects to human health (easily prevented by means such as personal protective clothing etc), easily repairable effects of damage to buildings, structures and services.	The presence of contaminants at such concentrations that protective equipment is required during site works. The loss of plants in a landscaping scheme. Discolouration of concrete.

The combination of the two factors is determined using Table 3 and the resulting level of risk is described in Table 4. The evaluation can be applied to each of the scenarios identified in the risk model and the overall risk assessed.

Table 3. Combination of Consequence with Probability

		Consequence			
		Severe	Medium	Mild	Minor
Probability	High Likelihood	Very High Risk	High Risk	Moderate Risk	Moderate/Low Risk
	Likely	High Risk	Moderate Risk	Moderate/Low Risk	Low Risk
	Low Likelihood	Moderate Risk	Moderate/Low Risk	Low Risk	Very Low Risk
	Unlikely	Moderate/Low Risk	Low Risk	Very Low Risk	Very Low Risk

Table 4. Description of risks and likely action required

Very High Risk	There is a high probability that severe harm could arise to a designated receptor from an identified hazard, or there is evidence that severe harm to a designated receptor is currently happening. This risk, if realised, is likely to result in a substantial liability. Urgent investigation (if not undertaken already) and remediation are likely to be required.
High Risk	Harm is likely to arise to a designated receptor from an identified hazard. Realisation of the risk is likely to present a substantial liability. Urgent investigation (if not undertaken already) is required and remedial works may be necessary in the short-term and are likely over the longer-term.
Moderate Risk	It is possible that harm could arise to a designated receptor from an identified hazard. However, it is either relatively unlikely that any such harm would be severe, or if any harm were to occur it is more likely that the harm would be relatively mild. Investigation (if not already undertaken) is normally required to clarify the risk and to determine the potential liability. Some remedial works may be required in the long-term.
Low Risk	It is possible that harm could arise to a designated receptor from an identified hazard, but it is likely that this harm, if realised, would at worst normally be mild.
Very Low Risk	There is a low possibility that harm could arise to a receptor. In the event of such harm being realised it is not likely to be severe.

Using the risk model the pollutant linkages are identified and a preliminary estimate of risk undertaken. If there is no pollutant linkage identified, then there is no risk. If the estimate of risk for all the linkages and exposure scenarios is very low at this stage then it is likely that no further assessment will be required.