LanzaTech

PROJECT DRAGON: Temporary Construction Facility at Margam Wharf

Desk Study

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PROJECT DRAGON: Temporary Construction Facility at Margam Wharf

Desk Study

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EXECUTIVE SUMMARY

SITE INFORMATION	**Client**	**LanzaTech**
	Site Details	The site currently comprises a disused parcel of land, partially owned by Associated British Ports (ABP) and partially owned by TATA Steel, in the docks area of Port Talbot. The site covers are area of approximately 4.24 hectares, with the centre of the site situated at National Grid Reference 277010, 188760. The nearest postcode is SA13 1RA.
	Current Land Use and Description	The site currently comprises a disused plot of largely scrub land, with remnants of infrastructure, associated with Margam Wharf (concrete slabs and access roads) present across the site.
	Proposed Development	Whilst full details of the proposed development have not been provided to TEC at this stage, it is understood that it is to comprise a temporary construction facility which is likely to be temporarily capped with granular material to allow it to be used for the duration of the construction of the nearby proposed sustainable jet fuel production facility.
BACKGROUND INFORMATION	**Geology**	The site is recorded to be underlain by superficial Tidal Flat Deposits typically described by the BGS as older Coastal Zone Deposits – clay, silt, sand and peat (including 'submerged forest'). The underlying bedrock geology is recorded as the South Wales Middle Coal Measures Formation, described by the BGS as grey, (productive) coal-bearing mudstones/siltstones, with seatearths and minor sandstones. In addition, BGS reports the site and surrounding area comprises 'Landscaped Ground', described as mainly redeveloped areas and others where extensive earth moving has occurred.
	Coal Mining	The Envirocheck report for the site records that the site lies within an area which may be affected by coal mining activity, with inconclusive coal mining reported. As it is understood that no development structures are proposed at the site (it is to be used as a lay-down area only, temporarily capped with granular material), a coal mining report is not considered necessary at this stage.
	Hydrogeology	The superficial deposits recorded on site are reported as a Secondary (Undifferentiated) Aquifer of high groundwater vulnerability. The underlying solid geology is designated as a Secondary Aquifer A of high groundwater vulnerability. There are no groundwater abstractions or Environment Agency Source Protection Zones within 1km of the site. There are two discharge consents to groundwater reported within 1km, with the nearest reported approximately 295m north of site. The site is reported to be within and area with potential for groundwater flooding to occur at the surface.
	Hydrology	The nearest surface water feature is the on site River Ffrwd-Wyllt, along with the adjacent (tidal) docks. There are 13No. reported surface water abstraction records within 500m and 3No. reported discharge consents within 500m of the site. 4No. pollution incidents to controlled waters are reported within 500m of the site. The site is reported to lie within an area within the extent of flooding and extreme flooding from rivers or sea without defences, as well as an area benefitting from flood defences.
	Site History	Earliest historic mapping (1877) indicates the site comprised an undeveloped parcel of land and water on the tidal flats of Port Talbot, comprising a combination of rough grassland, shingle and marsh. It is noted that the Ffrwd-Wyllt (stream/river) is present in the north of the site, flowing into the sea. A small peninsular of land is present in the western site area, with a structure depicted on the peninsula just off site to the west. Although no structures are depicted on site, the eastern site area is depicted as forming part of the Margam Copper Works., with a number of access roads/tracks depicted on site. By 1899, a railway siding is depicted extending into the northern site area, with a number of small structures depicted in the northeast of site and the route of the Ffrwd-Wyllt (stream/river) has been diverted slightly north. By 1940, the entire site has been infilled, with Margam Wharf now present at the western site boundary (current site boundary). The site now comprises multiple buildings and infrastructure (including railway sidings, tanks, settling tanks, travelling cranes, overhead pipes, chimneys, reservoirs, conveyors, hoppers and Margam Wharf) of the wider Margam (Iron and Steel) Works site. The 1953 and 1991 mapping depicted slight alterations to the building layouts in the eastern half of the site. By 2009, no buildings are depicted on site (current site layout). A single concrete slab is present in the centre of the site and access tracks are depicted around the site periphery. A concrete 'overflow' structure is depicted in the north of the site, understood to allow the River Ffrwd-Wyllt to flow into the adjacent docks.

	UXO	The Margam Steelworks, within which the site is located, were involved in the production of steel for munitions, tanks, ships, and other war materials and was consequently a target for German air raids carried out by the Luftwaffe. No evidence of bomb damage to the section of the steelworks within the site boundary has been identified within historical aerial imagery and OS mapping. Given recorded bombing to the steelworks, the risk from German UXBs is slightly elevated and has been assessed as Low-Moderate. 16No permanent Heavy Anti-Aircraft batteries were active within range of the site during WWII. In addition, Light Anti-Aircraft guns are likely defended Port Talbot. While Luftwaffe activity in the region was relatively infrequent, it is possible that an unexploded anti-aircraft shell struck the site. However, Brimstone consider the risk to be analogous to that of German UXBs.
CONCLUSIONS	**Land Contamination**	Potential pollutant linkages that have been identified as part of this assessment include: • Human Health (future (temporary) site users and construction workers) – exposure to contaminants associated with potential made ground/infilled ground and potentially contaminative historic industrial processes on and in proximity to site through ingestion, inhalation and dermal contact pathways. • Controlled Waters - Leaching of potential contaminants from potential made ground/shallow soils and vertical and lateral migration through the saturated zone to controlled waters. It should be noted that while a risk from ground gas may exist at the site from the anticipated thicknesses of made ground and the likely presence of peat within the natural soils, it is understood that the temporary development does not include the construction of any structures, or confined spaces and therefore the assessment of risk from ground gas has not been considered here.
	Ground Engineering	The site and surrounding area are reported to comprise 'Landscaped Ground' (mainly redeveloped areas and others where extensive earth moving has occurred). In addition, the Envirocheck report for the site indicates the presence of potentially infilled land on site. Site walkover information, along with historic mapping indicates the presence of remnants of infrastructure associated with former use of the site (including concrete slabs and access roads) consideration to the features and potential obstructions will be needed, as appropriate. A previous exploratory site investigation of the land ~275m to the west reported a significant thickness of made ground (>5.0mbgl). In addition, peat beds were observed within the superficial Tidal Flat Deposits, which varied from plastic dark grey amorphous peat to firm dark grey mottled brown pseudo-fibrous peat. Furthermore, shallow (potentially tidally influenced) perched and groundwater strikes were recorded.
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 (temporary) development. This phase of assessment would involve the refinement of the site conceptual model developed as part of this preliminary risk assessment based on the findings of the exploratory intrusive investigation, as well as determining the underlying ground profile to ascertain the parameters for appropriate pavement/road/capping design parameters for the proposed temporary use of the site. The results from the recommended further ground investigations/survey work and associated assessments will be provided for inclusion within the planning application for development at the site.	

1 INTRODUCTION

1.1 Terms of Reference

1.1.1 TEC has been appointed by LanzaTech to undertake a preliminary land contamination and geotechnical assessment of a site off Margam Wharf, Port Talbot. All works were undertaken in accordance with our proposal letter dated 14 March 2023 and referenced RE.2111006.005 and revised in our letter dated 16 June 2023 and referenced RE.2111006.006.

1.2 Background

1.2.1 The site currently comprises a disused parcel of land (formerly Margam Wharf), partially owned by Associated British Ports (ABP) and partially owned by TATA Steel, in the docks area of Port Talbot (Figure 2).

1.2.2 The site covers a total area of approximately 4.24 hectares, with the centre of the site situated at National Grid Reference 277010, 188760. The nearest postcode is SA13 1RA (Figure 1). The site currently comprises a disused plot of largely scrub land, with remnants of infrastructure associated with Margam Wharf (including concrete slabs and access roads) present across the site area.

1.2.3 Whilst full details of the proposed development have not been provided to TEC at this stage, it is understood that it is to comprise a temporary construction facility to be capped with granular material to allow it to be used for the duration of the construction of the nearby proposed sustainable jet fuel production facility at Phoenix Wharf.

1.2.4 A Desk Study and a Ground Investigation Report of the nearby proposed sustainable jet fuel production facility site (located approximately 275m west) were undertaken in May 2022 and June 2022 by TEC, as detailed within the following documents:

- *PROJECT DRAGON:PDZ – Desk Study, report ref.: 2111006.002.01 Rev. D. Prepared for LanzaTech, dated July 2023; and*
- *PROJECT DRAGON:PDZ – Ground Investigation Report, report ref.: 2111006.003.01. Rev. B. Prepared for LanzaTech, dated July 2023.*

1.2.5 Reference should be made to these documents for full details, although salient summary information in relation to this site is summarised in Section 2.10 of this report.

1.2.6 The aim of the current works is to provide preliminary information on land contamination risk and the ground engineering conditions and constraints associated with the site with regard to 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, 2021) and BS10175+A2:2017 (Investigation of potentially contaminated sites, Code of Practice).

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 B and Appendix C) together with published available information where relevant.

2.2 Site Setting

2.2.1 A site reconnaissance survey was undertaken on 29 April 2023 and 25 May 2023. A summary of the observations is presented in Table 2.1. Photographs taken during the site reconnaissance survey are presented in Appendix A.

Table 2.1: Site Details

Feature	Description	
Current Site Use	The site currently comprises a roughly triangular disused plot of largely scrub land, with remnants of infrastructure associated with Margam Wharf (concrete slabs and access roads) present across the site area.	
Site Context	The site is located with a predominantly industrial area.	
Site Boundary Features	North	Harbour Way (A4241), with residential properties beyond.
	East	Access road with additional disused scrub land beyond.
	South	TATA Steel works
	West	Port Talbot Docks
Site Topography	The site is predominantly flat and situated approximately 7.6m above ordnance datum (AOD).	
Hard and Soft Landscaping	The site was noted to comprise a combination of both hard and soft landscaping, with a central concrete slab observed and additional remnants of former infrastructure such as access roads. The remainder of the site is covered in dense scrub vegetation.	
Ecology	It is understood that oxtongue broomrape is present over a large part of the site area and is particularly prevalent within the northern part of the site. Oxtongue broomrape is understood to be fully protected under WCA Schedule 8 and it is an offence to intentionally pick, uproot or destroy any of these plants.	
Trees	The site is predominantly covered with dense scrub (*Appendix A*).	
Fuel, Hazardous Chemicals and Waste Materials Storage	No AST, USTs, contents, or containers etc. has been observed on site. A number of stockpiles, comprising building rubble and other waste materials have been observed close to the access route along the front of the wharf. In addition, to a lesser extent localised areas have been observed to comprise materials from recent fly tipping. (*Appendix A*)	
Asbestos Containing Materials	No potential ACM was been observed on the ground surface during the site reconnaissance.	
Site Drainage	Surface water drains have been recorded within the road located south-west of the site. This was observed to merge to the south-western site boundary towards a pollution control valve also located at the south-western site boundary which flows through to a cofferdam immediately north-west (*Appendix A - Photographs 9 to 12).* Within the central site area, an area observed to have been fenced off with heras fencing comprised large metal manhole covers, which suggests the presence of a large drainage/service chamber - National Grid Reference: 277059, 188726 (*Appendix A - Photograph 13*). Located within the south-eastern site area, an exposed plastic pipe was noted, generally being above ground level and running the south-eastern onsite boundary. Furthermore, the entire western site boundary was observed to boarder a harbour wall forming the wharf (*Appendix A - Photograph 14*).	

Feature	Description
Evidence of Potential Contamination	No visual/olfactory evidence of gross contamination (stressed vegetation, stained ground etc) has been observed. However, localised areas have been observed to comprise materials from recent fly tipping (*Appendix A - Photograph 15*).
Ground Stability Hazards	No visual evidence of ground subsidence/ movement observed or any areas of sunken ground noted / cracks in retaining walls/ landslip evidence/ creep etc. note on the site itself. In addition, located south-west offsite, the retaining wall of the wharf were observed to have a partial collapsed retaining wall and gradual tilting of remaining stone columns within the cofferdam (*Appendix A - Photographs 10 to 12*).
General	BT Services with marked service covers were recorded parallel to the entire access road starting from the north and ending at the southern site boundary (*Appendix A - Photographs 3 & 4*). A number of recently filled in gullies were observed within the site reconnaissance, generally filled with concrete and slag. Located immediately offsite within the north-eastern site area, large interlocking concrete blocks, forming a former access road, have been observed which ran parallel to the site boundary and connected to the northernmost site boundary at a former entry/egress gate (*Appendix A - Photographs 5 & 6*).

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 B.

Table 2.2: Historical Features Summary

On Site Features			OS Dates
The site is an undeveloped parcel of land and water on the tidal flats of Port Talbot, comprising a combination of rough grassland, shingle and marsh. It is noted that the Ffrwd-Wyllt (stream/river) is present in the north of the site, flowing into the sea. A small peninsular of land is present in the western site area, with a structure depicted on the peninsula just off site to the west. Although no structures are depicted on site, the eastern site area is depicted as forming part of the Margam Copper Works, with a number of access roads/tracks depicted on site. By 1899, a railway siding is depicted extending into the northern site area, with a number of small structures depicted in the northeast of site and the route of the Ffrwd-Wyllt (stream/river) is shown to have been diverted slightly north.			1877 - 1900
By the 1917 survey, part of the southern site area (previously shown as open water) has been infilled and a branch of the Port Talbot Dock Railway has been constructed across the south and east of the site. In addition, an access road ('Military Road') has been constructed north to south through the centre of the site.			1917 - 1921
By 1940, the entire site has been infilled, with Margam Wharf present at the western site boundary (current site boundary). The site includes multiple buildings and infrastructure (including railway sidings, tanks, settling tanks, travelling cranes, overhead pipes, chimneys, reservoirs, conveyors, hoppers and Margam Wharf) of the wider Margam (Iron and Steel) Works site. The 1953 and 1991 mapping depicted slight alterations to the building layouts in the eastern half of the site.			1940 - 2006
By 2009, no buildings are depicted on site (current site layout). A single concrete slab is present in the centre of the site and access tracks are depicted around the site periphery. A concrete 'overflow' structures is depicted in the north of the site, understood to allow the River Ffrwd-Wyllt to flow into the adjacent docks.			2009 - 2023
Surrounding Features	**Distance**	**Direction**	**OS Dates**
Margam Copper Works	On site/ adjacent	East	1877 – 1921
(Main works building, later 'Blackplate Works' and 'Works')	~220m	East	1877 - 1964

Surrounding Features	Distance	Direction	OS Dates
Limekilns	~10m	East	1877 - 1900
Gas Works	~215m ~460m	East South-east	1877 – 1921 1921 - 1954
Railway Sidings	Adjacent	East	1877 - 1900
Coke Ovens	~100m	East	1877 - 1900
Tin Plate Works	~100m ~350m	North North	1899 - 1953 1899 - 1952
Port Talbot Docks Railway	~190m	South	1899 - 1978
Crown Preserved Coal Works	~400m	West	1917 - 1921
Rio Tinto Copper Works, later Works, then Warehouse	~480m	West	1917 - 1982
Port Talbot Steel Works, later Chemical/Engineering Works	~575m	North	1921 - 1964
Margam (Iron and Steel) Works (layout changes by 1993), later TATA Steel	On site/ adjacent	East/ South/ North	1940 - 2023
Metal Refinery Works (with tanks), later Works	~465m	West	1940 - 2006
Phoenix Briquetting Works, later Works	~70m	West	1952 - 1964
Works, with associated Electricity Sub Station	~15m	West	1968 - 2023
Oil Storage Tanks	~220m	West	1968 - 2023
Liquid Oxygen Plant, later Works	~260m	West	1968 - 2016

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 1:50,000 (2011) 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	Older Coastal Zone Deposits – clay, silt, sand and peat (including 'submerged forest')
Solid Geology: South Wales Middle Coal Measures Formation		Up to 480m	Grey, (productive) coal-bearing mudstones/siltstones, with seatearths and minor sandstones
Faults:		A fault (Morfa Fault) is recorded to bisect the southwestern corner of the site, aligned approximately northwest-southeast.	
BGS Borehole Records			
BGS Reference	**Distance/ Direction**	**Depth below ground level**	**Recorded Strata**
SS78NE88	~260m / NW	0.0 to 18ft/5.5m 18ft/5.5m to 20.6ft/6.3m 20.6ft/6.3m to 21.2ft/6.5m 21.2ft/6.5m to 22ft/6.7m 22ft/6.7m to 22.6ft/6.9m 22.6ft/6.9m to 36ft/11m 36ft/11m to 44ft/13.4m 44ft/13.4m to 61ft/18.6m 61ft/18.6m to 65ft/19.8m	Made Ground consisting of hardcore Soft brown sandy clay and stones Soft brown sandy clay Soft black peat Soft blue very sandy silty clay Fine to medium gravel Fine to medium sand and gravel Fine to medium gravel with boulders Medium density brown stoney clayey sand

BGS Reference	Distance/ Direction	Depth below ground level	Recorded Strata
SS78NE104	~340m / E	0.0 to 1.5m 1.5m to 2.0m 2.0m to 2.5m 2.5m to 9.15m	Made Ground: Clay, ash brick, slag Made Ground: Firm brown mottled clay Made Ground: Clay, stones and sandstone fragments Dense to very dense brown sandy gravel with cobbles and boulders
SS78NE103	~375m / E	0.0 to 0.07m 0.07m to 0.6m 0.6m to 1.05m 1.05m to 2.45m 2.45m to 13.7m	Concrete Made Ground: Clayey ash and brick Made Ground: Firm brown mottled sandy clay Made Ground: Clay-bound broken sandstone Dense to very dense brown sandy gravel with cobbles and boulders

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	15 - 30 mg/kg

Radon	
Radon Potential	**Radon Protection Requirement**
Lower Probability Radon Area (less than 1% 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	High 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	High 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		
Discharge Consents to Groundwater		
2No. recorded within 1km		
Receiving Water	**Effluent Type**	**Distance/ Direction from Site**
Soakaway / To land	Unspecified (consent expired)	~295m north, ~325m northwest
BGS Groundwater Flooding Susceptibility		
On site - 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**
River Ffrwdwyllt	A	On site (north)
Port Talbot Docks	-	Adjacent, west
Surface Water Abstractions		
13No. recorded within 500m		
Details	**Abstraction Use**	**Distance/ Direction from Site**
Costain Ltd	Construction – Dust Suppression	~20m north
Corus UK Strip Products	Metal – Process Water	~40m southwest, ~55m northeast
	Metal – Non-evaporative Cooling	~45m southwest, ~50m northeast
TATA Steel UK Ltd	Metal – Non-evaporative Cooling	2No. at ~45m southwest, 2No. at ~55m northeast
	Metal – Process Water	2No. at ~45m southwest, 2No. at 55m northeast
Licensed Discharge Consents		
33No. recorded within 500m		
Receiving Water	**Effluent Type**	**Distance/ Direction from Site**
Port Talbot Docks	Trade Effluent	On site
	Unspecified	5No. at ~35m southwest, 4No. at ~135m southwest, ~250m west, 2No. at ~345m west, 3No. at ~460m northwest
	Not supplied	8No. at ~460m west, ~495m northwest
Culverted River Ffrwd Wyllt	Trade Effluent	2No. at ~25m northeast
River Ffrwd Wyllt	Unspecified	~40m northeast, ~85m northwest, 2No. at ~100m northwest
Swansea Bay	Sewage Discharges – Unspecified – Water Company	~260m west
Arnallt Brook	Sewage Discharges – Stw Storm overflow/storm tank – Water Company	2No. at ~395m south

Pollution Incidents		
4No. recorded within 500m		
Receiving Water	**Pollutant/ Incident**	**Distance/ Direction from Site**
Not given	Crude Sewage – Category 3/Minor Incident	~165m west
	Oils – Diesel (including agricultural) – Category 3/Minor Incident	~195m northeast, ~200m northeast, ~330m southeast
Flooding from Rivers or Seas		
On Site Designation	**Off Site Areas of Flooding**	
Extent of flooding and extreme flooding from rivers or sea without defences. Area benefitting from flood defences.	~2 to ~250m - Extent of flooding and extreme flooding from rivers or sea without defences. ~50m northeast – Flood 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)		
10No. recorded within 500m		
Type	**Distance/ Direction from Site**	**Date on Mapping**
Unknown filled Ground (pond, marsh, river, stream, dock etc)	On site On site On site ~10m / SW ~45m / E ~45m / NW ~265m / S ~315m / SW ~335m / SE	1921 1900 1900 1921 1921 1965 1951 1965 1900
Potentially Infilled Land (Non-Water)		
1No. recorded within 500m		
Type	**Distance/ Direction from Site**	**Date on Mapping**
Unknown Filled Ground (pit, quarry etc)	~285m / SE	1993
Commercial/ Industrial Land Use (Active Contemporary Trade Directories)		
5No. significant land uses identified within 250m		
Classification	**No. within 250m**	**Distance/ Direction from Site**
Mechanical Engineers	2	~165m / SW, ~245m / NW
Garage Services	1	~200m / N
Dry Cleaners	1	~285m / N
Pumps – Sales, Servicing, Repairs	1	~245m / NW

Hazardous Substances (Authorisations, Consents, Incidents)		
5No. recorded within 500m		
Category	**Details**	**Distance/ Direction from Site**
Integrated Pollution Controls (IPC)	Bitmac Ltd – Carbonisation and associated processes within the Fuel and Power Industry	~270m / W
Integrated Pollution Prevention and Control (IPPC)	Port Talbot Power Ltd – Combustion – any fuel greater or equal to 50MW	~265m / W
Substantiated Pollution Incident Register	Pollutant: Noise Water Impact: Category 4 No Impact Air Impact: Category 2 Significant Impact Land Impact: Category 4 No Impact	~180m / S
	Pollutant: Oils and Fuel: Gas and Fuel Oils Water Impact: Category 2 Significant Impact Air Impact: Category 4 No Impact Land Impact: Category 2 Significant Impact	~190m / SW
	Pollutant: Noise Water Impact: Category 4 No Impact Air Impact: Category 2 Significant Impact Land Impact: Category 4 No Impact	~295m / E
Sensitive Land Uses		
None recorded within 500m		

2.8 Engineering Considerations

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

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			
5No. recorded within 1km			
Site Name	**Type/Commodity**	**Status**	**Distance/ Direction from Site**
Port Talbot Steel Slag Aggregates	Steel Works / Blast Furnace Slag	Active	~670m / W
Gwar-Y-Caeau	Opencast / Sandstone	Ceased	~705m / N
Taibach Quarry	Opencast / Sandstone	Ceased	~805m / E
Tir Caradoc	Opencast / Sandstone	Ceased	~875m / NE
Taibach Quarries	Opencast / Sandstone	Ceased	~885m / E

2.9 Coal Mining

2.9.1 The Envirocheck report for the site records that the site lies within an area which may be affected by coal mining activity, with inconclusive coal mining reported. It is recommended within the Envirocheck that a coal mining report is obtained from the Coal Authority. However, as it is understood that no development structures are proposed at the site (it is to be used as a lay-down area only, temporarily capped with granular material), a coal mining report is not considered necessary at this stage.

2.10 Previous Site Report Summary

2.10.1 A Desk Study and a Ground Investigation Report of the nearby proposed sustainable jet fuel production facility site (located approximately 275m west) were undertaken in May 2022 and June 2022 by TEC, as detailed within the following documents:

- *Phoenix Wharf, Port Talbot – Desk Study, report ref.: 2111006.002.01 Rev. B. Prepared for LanzaTech, dated October 2022; and*
- *Phoenix Wharf, Port Talbot – Ground Investigation Report, report ref.: 2111006.003.01. Prepared for LanzaTech, dated June 2022.*

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

Table 2.8: Previous TEC Reports Summary (for adjacent site ~275m west)

Site History	Earliest available historical mapping shows this 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.
Encountered Ground Conditions	The exploratory investigation recorded the following ground conditions at the site: *Made Ground* Made ground was encountered across the majority of the site to a maximum observed depth of >5.0mgbl. The made ground generally comprised dark brown silty gravelly sand with gravel of vesicular slag, concrete and rare clinker, brick and mudstone. *Superficial Deposits (BLOWN SAND)* Wind-blown sand was encountered in four exploratory locations, generally observed as very loose becoming medium dense yellowish brown fine to medium sand, recorded to depths of between 1.2 and >6.5mbgl. *Superficial Deposits (TIDAL FLAT DEPOSITS)* Tidal Flat Deposits were encountered across the site and found to vary in composition, but typically comprised either loose dark grey and black mottled silty sand, very soft dark grey slightly sandy slightly gravelly silt, or soft to firm dark grey slightly sandy gravelly clay. Peat beds were observed within the cable percussive boreholes, which varied from plastic dark grey amorphous peat to firm dark grey mottled brown pseudo-fibrous peat. *Superficial Deposits (ALLUVIAL FAN DEPOSITS)* Below the fine grained Tidal Flat Deposits either dense becoming very dense dark grey, greyish brown and brownish grey mottled gravelly sand and slightly sandy gravel with medium cobble content or medium dense to very dense greyish brown slightly sandy gravel with low cobble content was recorded at depths below 9.5m to 14.2mbgl. Gravel and cobbles were consistently observed to be mudstone and sandstone. *Solid Geology (SOUTH WALES MIDDLE COAL FORMATION* The solid geology was recorded at BH04 only, at a depth of 17.7mbgl, comprising dark grey sandstone to a maximum recorded depth of 20.35mbgl.

Groundwater	Perched groundwater was recorded within the made ground materials across the site, with a shallow groundwater body recorded within the superficial Tidal Flat Deposits, as well as a deeper groundwater body encountered in the Alluvial Fan Deposits at BH01 and BH03A
Contamination and Ground Gas	The following CoPCs were identified within the sampled made ground materials at the nearby site, in relation to the anticipated commercial site end use: • PAHs – benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(a)pyrene, and dibenz(a,h)anthracene Further, crocidolite, chrysotile and amosite loose fibres and loose fibrous debris were encountered within made ground materials at 7No. locations. Leachable CoPCs (heavy metals) were identified within sampled made ground. In addition, CoPCs (heavy metals, heavy end TPH fractions, PAHs and sulphate) were recorded within the sampled perched water/upper groundwater. Marginally elevated contaminant concentrations (heavy metals and sulphate) were recorded within the deeper groundwater in relation to conservative EQS values. Based on the limited investigation and initial ground gas monitoring undertaken as part of the previous TEC works, it was possible that the site may potentially be considered as Characteristic Situation 3. However further monitoring was required to confirm this regime.
Relevant Pollutant Linkages	The relevant pollutant linkages identified by TEC for the nearby site comprised: • Human health (end users and construction workers) – potential exposure to CoPCs and asbestos within the shallow made ground via ingestion, inhalation and dermal contact. • Human health (end users and construction workers) – potential ingress and accumulation of bulk ground gas into proposed structures and chronic inhalation by future site end users. • Controlled Waters (Secondary Aquifers and docks) – potential vertical and horizontal migration of identified leachable contaminants within groundwater, along preferential pathways
Recommendations	TEC recommended that additional ground investigation and monitoring works would be required at the proposed development in order to fully characterise the site and determine the requirement for any remedial works in relation to human health and controlled water receptors.

2.11 UXO

2.11.1 Following a Preliminary Risk Assessment, a Detailed UXO Desk Study and Risk Assessment has been completed by Brimstone (ref: DRA-23-1532 rev1, dated 19th April 2023) to assess the risk from Unexploded Ordnance (UXO). A summary of the main finding of this assessment in relation to the Margam Wharf site is presented in the following sections.

German UXO

2.11.2 The Margam Steelworks, within which the site is located, were involved in the production of steel for munitions, tanks, ships, and other war materials and was consequently a target for German air raids carried out by the Luftwaffe.

2.11.3 No evidence of bomb damage to the section of the steelworks within the site boundary has been identified within historical aerial imagery and OS mapping, i.e. areas of clearance, missing roofs, repair works etc. The presence of significant and important infrastructure in these locations indicate that a UXB strike will likely have been observed and dealt with at the time. However, given recorded bombing to the steelworks, the risk from German UXBs is slightly elevated and has been assessed as Low-Moderate.

British / Allied UXO

2.11.4 Evidence indicates that the Margam Steelworks was purpose built during WWI for war production. Further research suggests that the steelworks produced steel utilised for munitions, tanks, ships and other war materials. Three WWII-era bombs/shells have been uncovered at Tata Steel in the 21st century (none have been recorded on the site, although specific locations are unknown). No evidence has been found to suggest that shells were filled at the steelworks in Port Talbot. It is likely that the aforementioned shells consisted solely of the outer casing, given that each of them was certified inert and no mention was made of a high-explosive fill. Therefore, the risk from Allied UXO is assessed to be Low across the site.

2.11.5 16No permanent Heavy Anti-Aircraft batteries were active within range of the site during WWII. Light Anti-aircraft guns likely defended Port Talbot. While Luftwaffe activity in the region was relatively infrequent, it is possible that an unexploded AA shell struck the site. Brimstone consider the risk to be analogous to that of German UXBs.

2.12 Regulatory Consultations

2.12.1 Regulatory consultations have been undertaken with neath and Port Talbot Council with respect to possible environmental issues and ground conditions on-site and in the surrounding area. At the time of writing, no response had been received regarding our enquiry. Any pertinent information received in due course will be issued under separate cover.

2.13 Outline Conceptual Model

2.13.1 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.

2.14 Potential Sources

2.14.1 Potential sources of contamination identified on and within the vicinity of the site are summarised below:

On Site Sources

- Made ground of unknown chemical composition; and
- Previous/current on-site activities/processes – including potentially infilled land and industrial use as part of the wider Copper, Iron and Steel Works.

2.14.2 It should be noted that while potential ground gas generation from the anticipated thicknesses of made ground and the likely presence of peat within the natural soils, may occur at the site, it is understood that the temporary development does not include the construction of structures, or confined spaces and therefore the assessment of risk from ground gas has not been considered further.

Off Site Sources

- Potentially contaminative current and historic land uses/processes – including wider Iron and Steel Works, industrial docks area, copper works, gas works, railway sidings.

2.15 Potential Receptor Pathways

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

- Future (temporary) site users;
- Construction workers; and
- Controlled waters (Secondary Aquifers and surface waters (River Ffrwdwyllt and Port Talbot Docks).

2.16 Potential Pathways

2.16.1 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 –leaching of contaminants within the unsaturated zone resulting in vertical contaminant migration; and
- Horizontal migration – lateral migration of contaminants within the saturated zone and along preferential pathways.

2.17 Hazard Assessment and Risk Estimation

2.17.1 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, potentially infilled land and potentially contaminative historic processes – on site	Future (temporary) site users and construction workers	Exposure to potential contaminants through ingestion, inhalation and dermal contact.	Medium	**Low Likelihood to Likely**: Given the development history recorded on site, and observations made during the site reconnaissance, the presence of made ground of unknown thickness and chemical composition, and/or shallow contaminants associated with the historic processes/land use of the site cannot be discounted at this stage. Notwithstanding this, it is understood that no development structures are proposed on site, the site is to be capped with imported granular fill materials and the proposed use is to be temporary. Therefore, the exposure risk to site end users is likely to be limited	**Low to Moderate Risk**
	Controlled waters (Secondary Aquifers and surface waters)	Leaching of potential contaminants from made ground and vertical and lateral migration through the saturated zone to controlled waters.	Medium	**Low Likelihood to Likely**: Given the potential presence of made ground/potentially infilled land of unknown chemical composition, the recorded aquifer status of the underlying strata (Secondary Aquifers) and the presence of surface waters adjacent to the site boundary (tidal waters), a potential risk to controlled waters, cannot be fully discounted. Notwithstanding this, it is understood that no development structures are to be constructed on site and the site is to be temporarily capped with a granular material and used temporarily only. It is considered that these activities are unlikely to cause significant mobilisation of potential contaminants potentially present on site over and above risks that may already exist at the site. However, the risk to controlled waters cannot be fully discounted at this stage.	**Low to Moderate Risk**
Potentially contaminative current and historic processes –off site	Future (temporary) site users, construction workers and controlled waters	Potential on-site contaminant migration from off-site sources. Exposure to potential contaminants through ingestion, inhalation and dermal contact.	Medium	**Low Likelihood**: Potentially contaminative current and historic processes have been identified in proximity to the site, including adjacent wider Iron and Steel Works, industrial docks area, copper works, gas works and railway sidings. However, given the industrial nature of the site and wider area and the proposed temporary use of the site, the risk to site end users/construction workers is likely to be limited. Notwithstanding this, risk to identified receptors from on site migration of contaminant from these off site features cannot be fully discounted at this stage.	**Low to Moderate Risk**

3 PRELIMINARY GEOTECHNICAL ASSESSMENT

3.1 Proposed Development

3.1.1 The site currently comprises a disused plot of largely scrub land, with remnants of infrastructure associated with Margam Wharf (including concrete slabs and access roads) present across the site area.

3.1.2 Whilst full details of the proposed development have not been provided to TEC at this stage, it is understood that it is to comprise a temporary construction facility to be capped with granular material to allow it to be used for the duration of the construction of the nearby proposed sustainable jet fuel production facility at Phoenix Wharf.

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. 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). In addition, the Envirocheck report for the site indicates the presence of potentially infilled land on site.

3.2.2 Site walkover information, along with historic mapping indicates the presence of remnants of infrastructure associated with former use of the site (including concrete slabs and access roads) consideration to the features and potential obstructions will be needed, as appropriate.

3.2.3 The previous TEC site investigation of the land ~275m to the west reported a significant thickness of made ground (>5.0mbgl). In addition, peat beds were observed within the superficial Tidal Flat Deposits within the TEC cable percussive boreholes, which varied from plastic dark grey amorphous peat to firm dark grey mottled brown pseudo-fibrous peat. Further shallow (potentially tidally influenced) perched and groundwater strikes were recorded by TEC at the nearby site. Consideration to the presence of shallow groundwater on site should be given.

3.2.4 The Envirocheck® report indicates a very low hazard rating for collapsible hazards, landslide ground stability and shrinking or swelling clay, whilst no hazard is recorded for compressible ground, ground dissolution and running sands.

3.2.5 The Envirocheck report for the site records that the site lies within an area which may be affected by coal mining activity, with inconclusive coal mining reported. It is recommended that a coal mining report is obtained from the Coal Authority. However, as it is understood that no development structures are proposed at the site (it is to be used as a lay-down area only, temporarily capped with granular material), a coal mining report is not considered necessary at this stage.

3.3 Preliminary Geotechnical Recommendations

3.3.1 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/road/capping design parameters for the proposed temporary use of the site.

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 (future (temporary) site users and construction workers) – 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.
- 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.

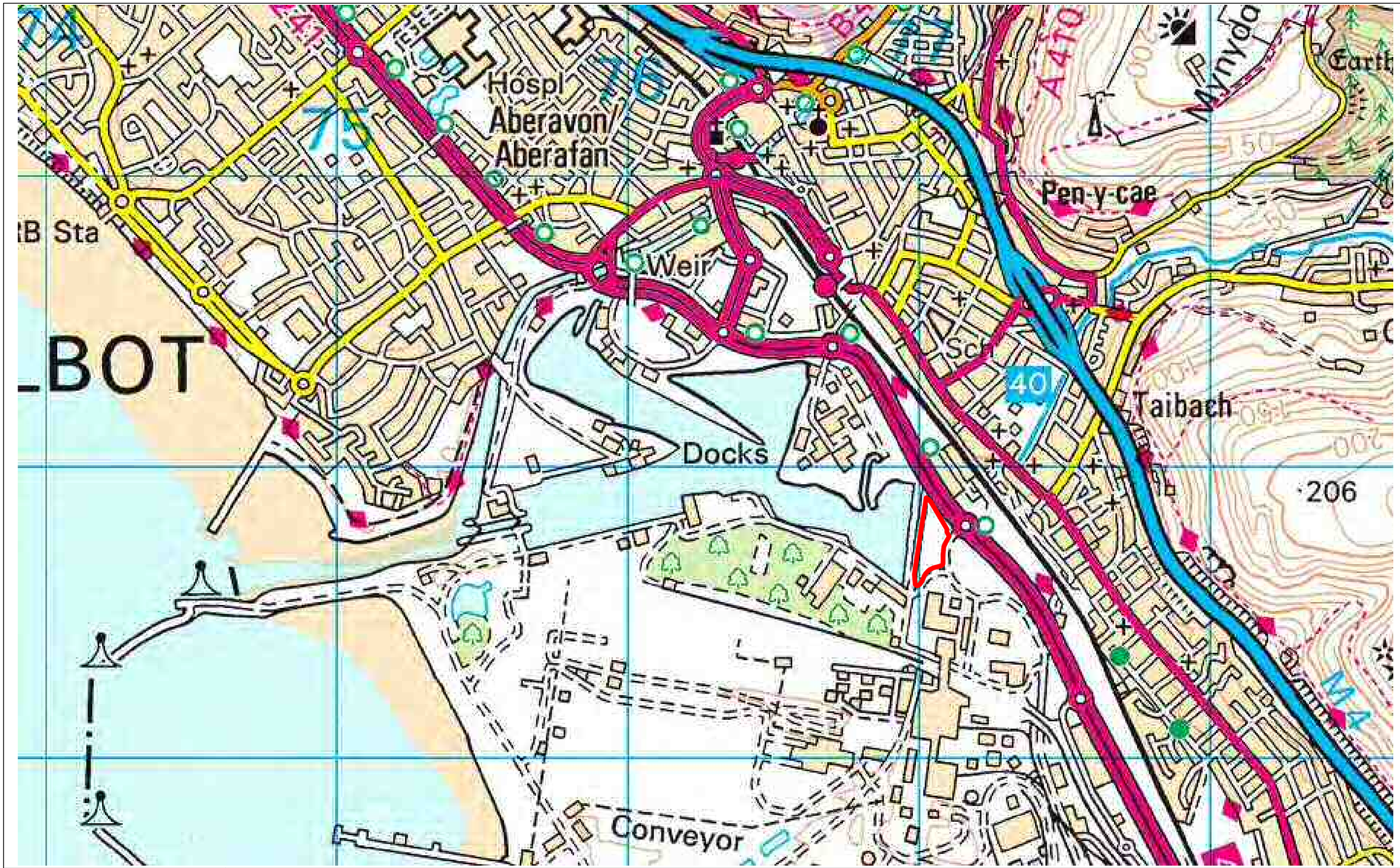
4.1.2 Given the assessment presented within this report, additional works would be recommended to fully define the geoenvironmental issues associated with the site in relation to the proposed (temporary) development. This phase of assessment would involve refinement of the site conceptual model developed as part of the preliminary risk assessment based on the findings of an exploratory intrusive investigation.

4.1.3 Given the potential for historic infrastructure on site (concrete slabs and former access road) as well as made ground/potentially infilled land and pockets of soft peat, an intrusive investigation would be recommended to ascertain the ground profile for site and to determine the engineering conditions and constraints in relation to the proposed temporary capping of the site.

4.1.4 The results from the recommended further ground investigations/survey work and associated assessments will be provided for inclusion within the planning application for development at the site.

TEC

Figures and Drawings



Approximate Site Boundary

PROJECT DRAGON

Margam Wharf:
Site Location Plan

DATE: June 2023		
SCALE: N/A	DRN: RJE	CHKD: CH
PROJECT No: 2111006.006	DATE: 22-06-2023	DATE: 27-06-2023

FIGURE 1 Rev.

Appendix A

Site Photographs

Photograph 1: View across site facing north.

Photograph 2: View towards access road located within the western site area, facing north.

Photograph 3: View facing south, towards BT service cover located parallel to existing access road.

Photograph 4: View facing south, towards BT service cover located parallel to existing access road.

Photograph 5: View facing north, towards a gated entrance of a former access road.

Photograph 6: Interlocking concrete blocks, located north and north-east of the site, formally used as an access road leading to the northern gate.

Photograph 7: View facing north-west towards neighbouring harbour wall made up of combined sheet piled wall.

Photograph 8: View from northern site area, facing south-west across the wharf.

Photograph 9: A pollution control valve situated at the south-western site boundary.

Photograph 10: View from southern site area, facing south-west towards existing cofferdam and remaining stone columns.

Photograph 11: View from harbour wall, facing south-west towards damaged retaining wall – *Photograph taken 29 April 2023.*

Photograph 12: View from harbour wall, facing south-west towards damaged retaining wall (now covered with dense vegetation) – *Photograph taken 25 May 2023.*

Photograph 13: View of large metal covers currently fenced off and located within the western site area.

Photograph 14: View across southern site area, facing east.

Photograph 15: Observed fly tipping within the southern site area.

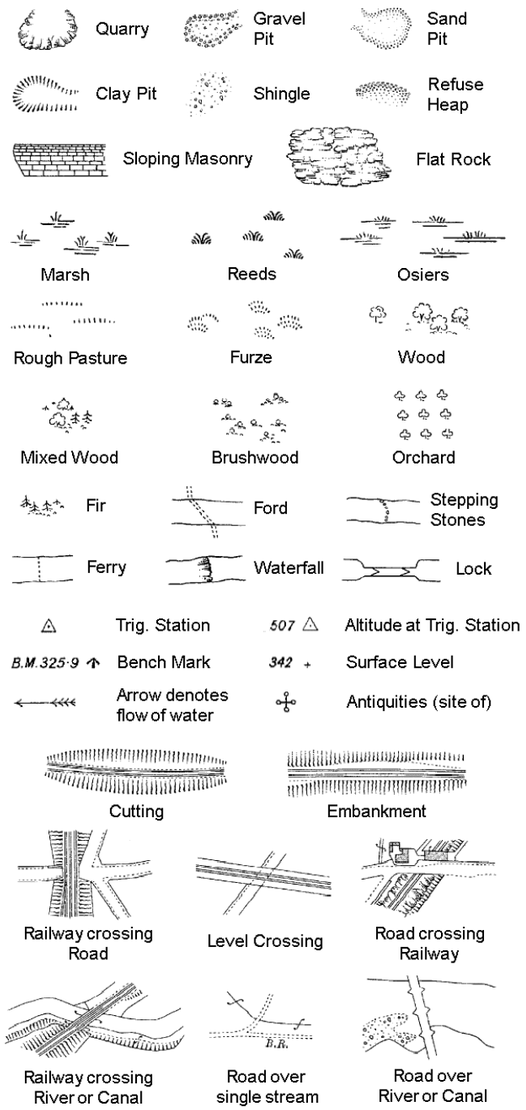
Photograph 16: Stockpiles of waste materials observed close to the access road along the front of the wharf.

Appendix B

Historical Maps

Historical Mapping Legends

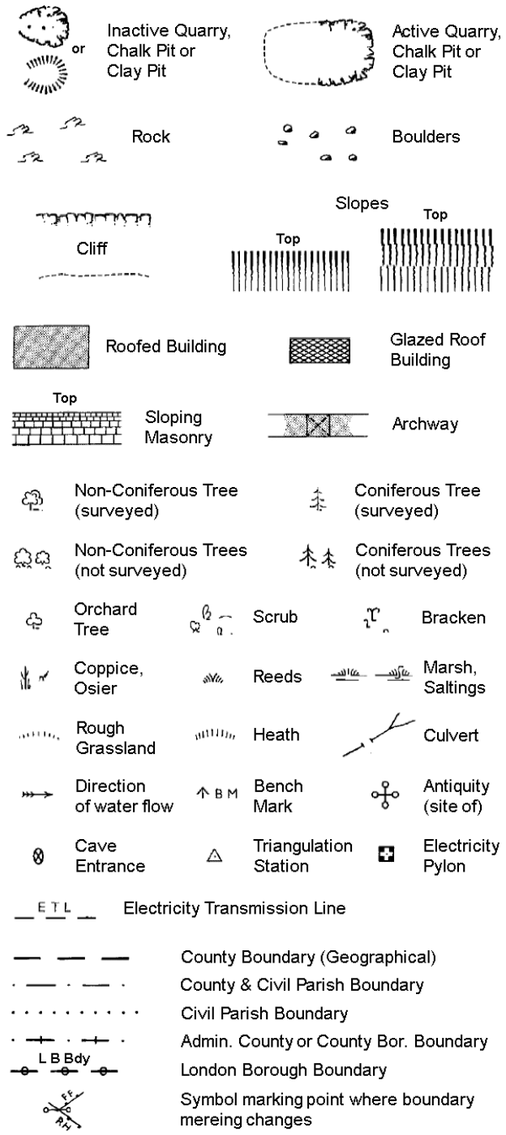
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
Co. Boro. Bdy. County Borough Boundary (England)
Co. Burgh Bdy. County Burgh Boundary (Scotland)

BP BS	Boundary Post or Stone	P.C.B	Police Call Box
B.R.	Bridle Road	P	Pump
E.P	Electricity Pylon	S.P	Signal Post
F.B.	Foot Bridge	St.	Sluice
F.P.	Foot Path	Sp.	Spring
G.P	Guide Post or Board	T.C.B	Telephone Call Box
M.S	Mile Stone	Tr.	Trough
M.P M.R	Mooring Post or Ring	W	Well

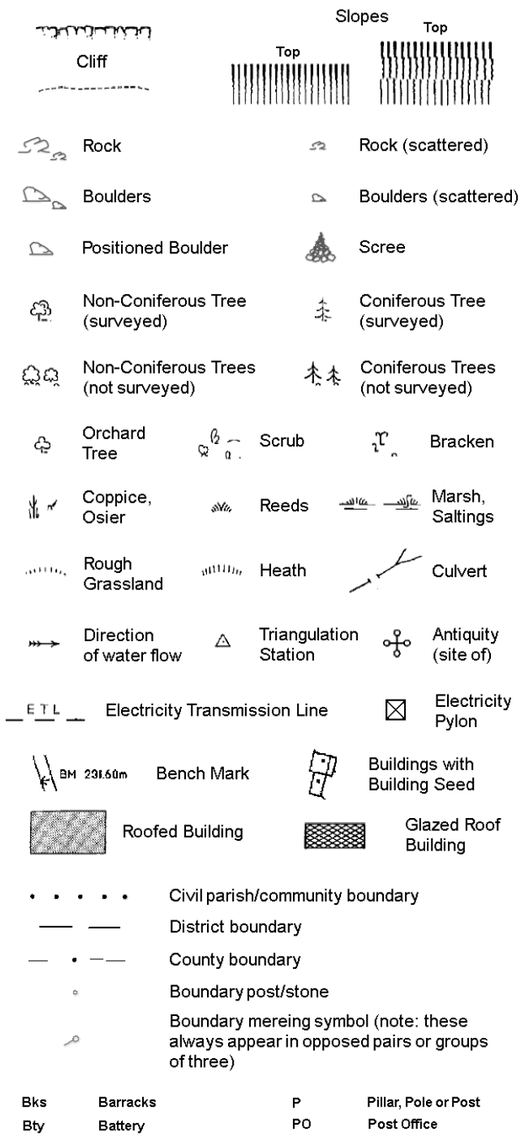
Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
L B Bdy London Borough Boundary
Symbol marking point where boundary mereing changes

BH	Beer House	P	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
El P	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
H	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	Wr Pt, Wr T	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

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



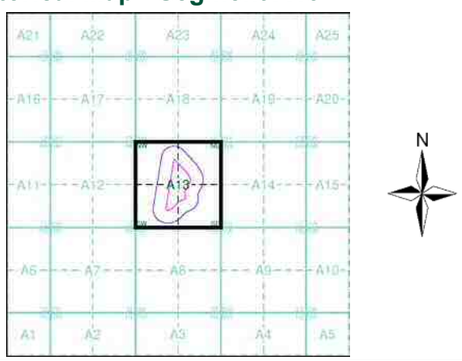
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)

Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El Sub Sta	Electricity Sub Station	SP, SL	Signal Post or Light
FB	Filter Bed	Spr	Spring
Fn / D Fn	Fountain / Drinking Ftn.	Tk	Tank or Track
Gas Gov	Gas Valve Compound	Tr	Trough
GVC	Gas Governer	Wd Pp	Wind Pump
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap
MH	Manhole	Wks	Works (building or area)
MP, MS	Mile Post or Mile Stone	W	Well

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Glamorganshire	1:2,500	1876 - 1877	2
Glamorganshire	1:2,500	1899	3
Glamorganshire	1:2,500	1917	4
Glamorganshire	1:2,500	1939 - 1940	5
Ordnance Survey Plan	1:1,250	1950 - 1953	6
Ordnance Survey Plan	1:1,250	1952 - 1962	7
Ordnance Survey Plan	1:2,500	1953 - 1954	8
Ordnance Survey Plan	1:2,500	1964 - 1969	9
Ordnance Survey Plan	1:1,250	1967 - 1970	10
Ordnance Survey Plan	1:2,500	1969	11
Ordnance Survey Plan	1:1,250	1974	12
Additional SIMs	1:1,250	1978 - 1991	13
Additional SIMs	1:1,250	1991	14
Large-Scale National Grid Data	1:1,250	1993	15
Large-Scale National Grid Data	1:1,250	1995	16
Historical Aerial Photography	1:2,500	2001	17

Historical Map - Segment A13



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Site Area (Ha):	4.24
Search Buffer (m):	100

Site Details

Civil & Marine Ltd, Docks Road, The Docks, PORT TALBOT, SA13 1RA

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

Glamorganshire

Published 1876 - 1877

Source map scale - 1:2,500

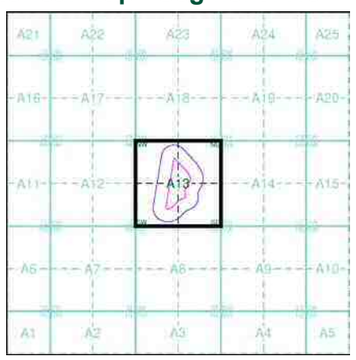
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

025_14
1876
1:2,500

033_02
1877
1:2,500

Historical Map - Segment A13



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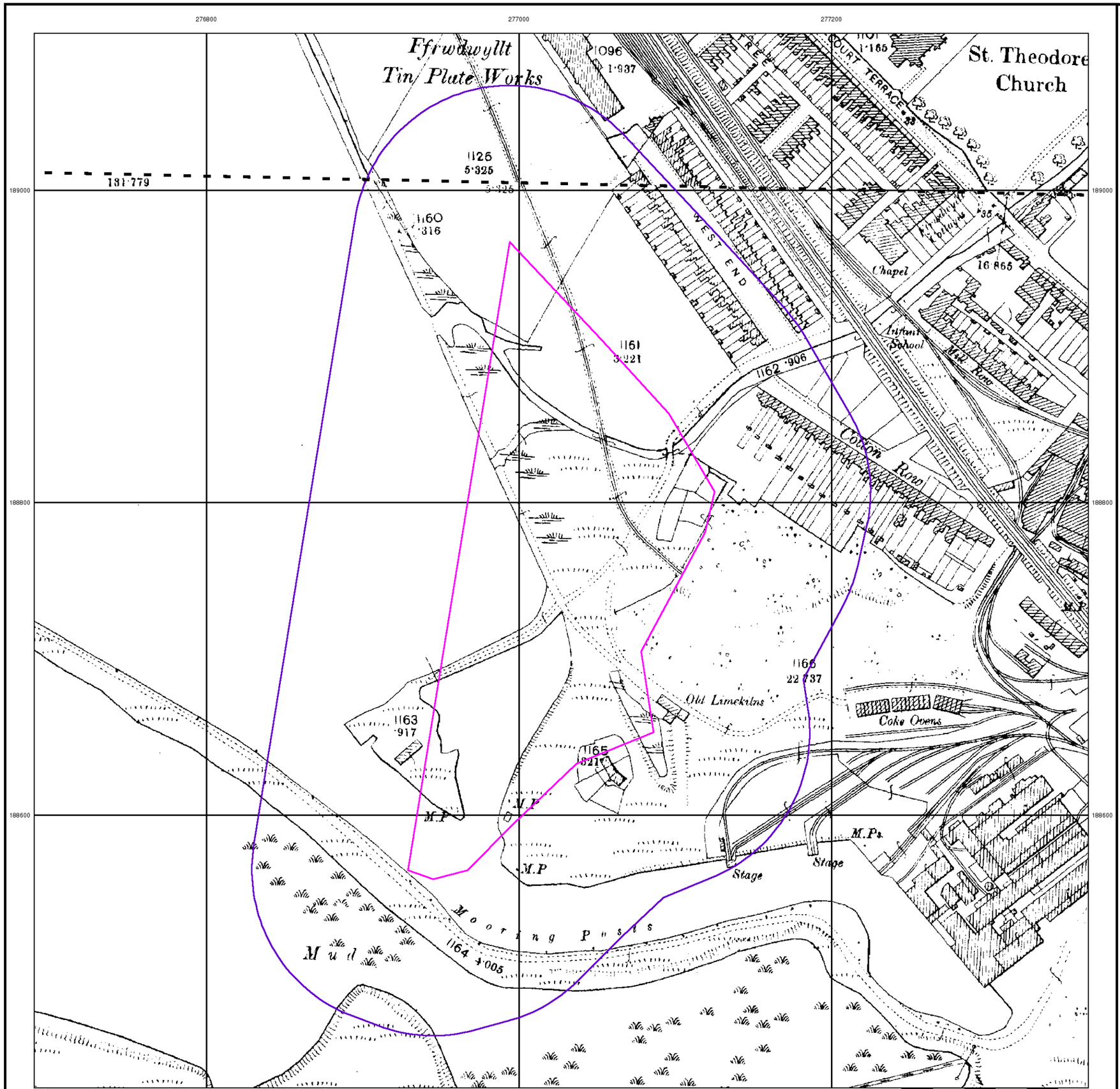

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Glamorganshire

Published 1899

Source map scale - 1:2,500

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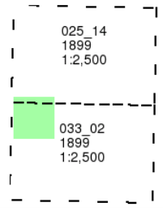

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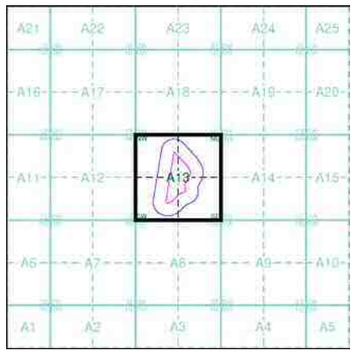

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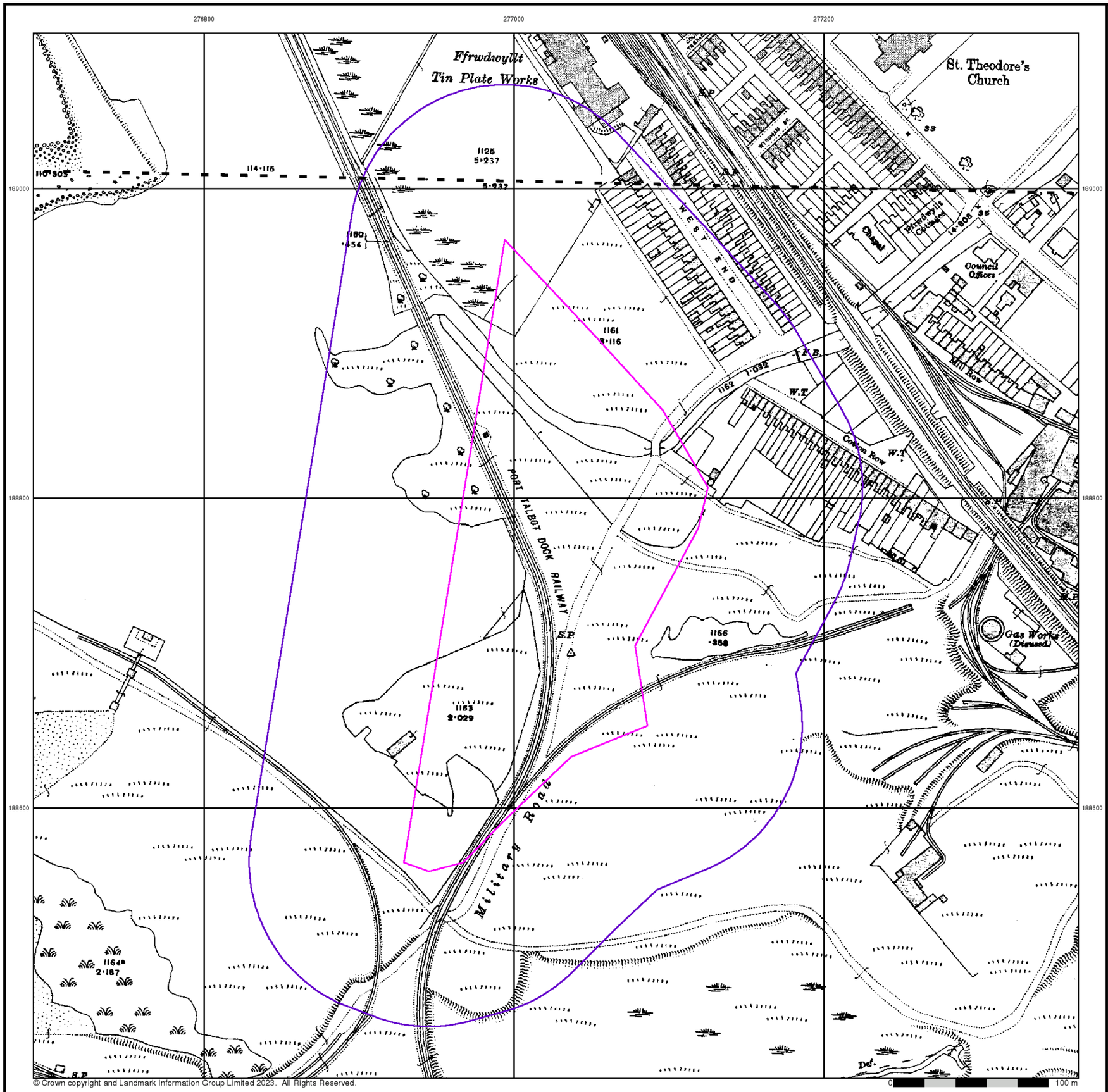

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Glamorganshire

Published 1917

Source map scale - 1:2,500

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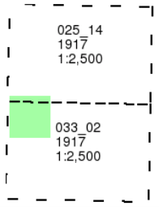

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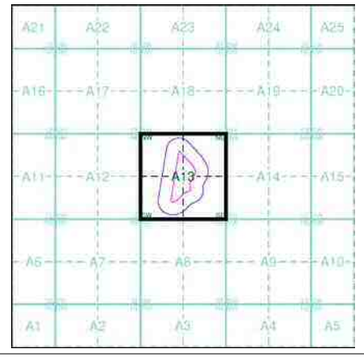

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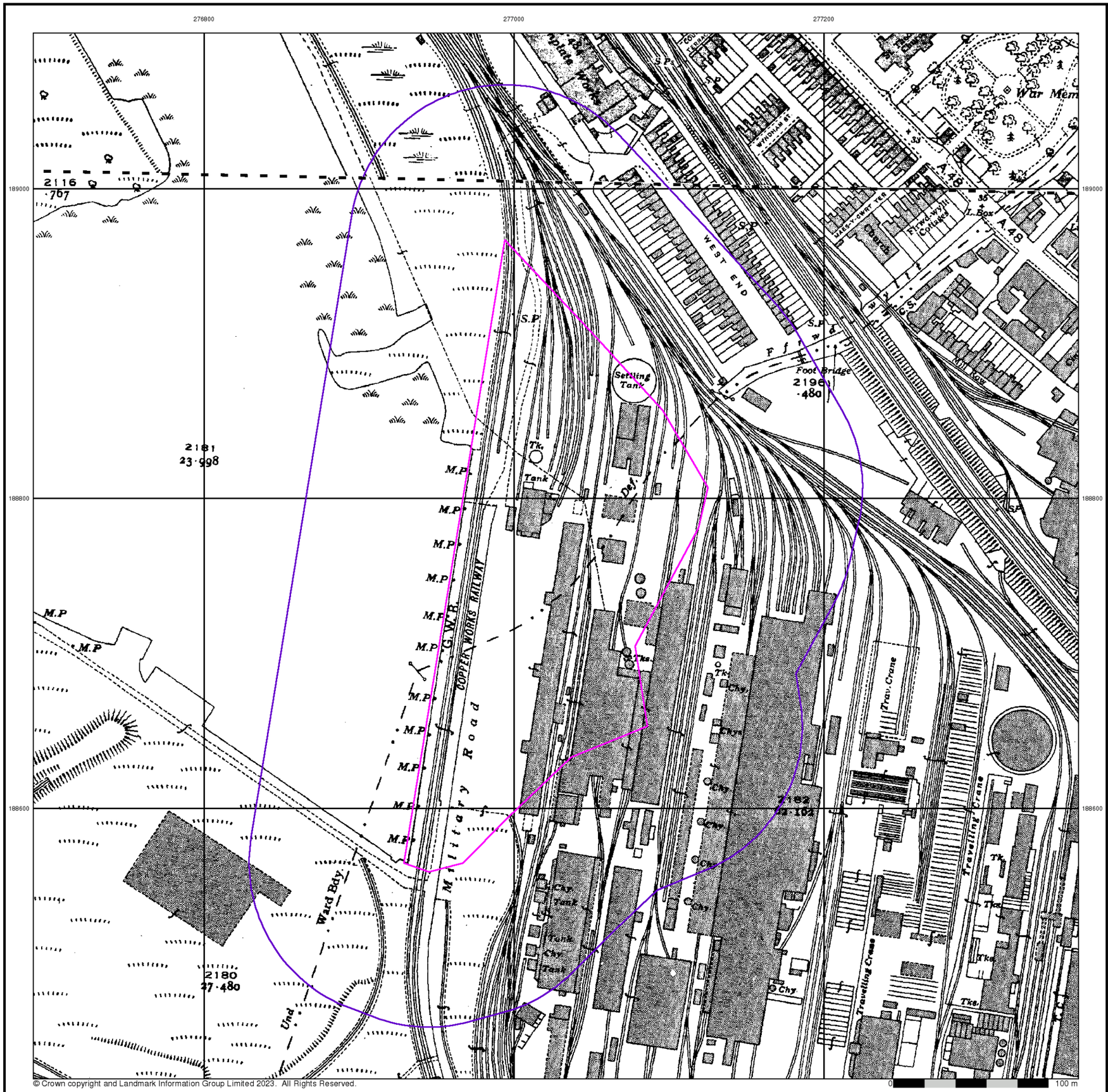

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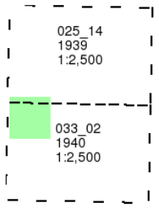
Glamorganshire

Published 1939 - 1940

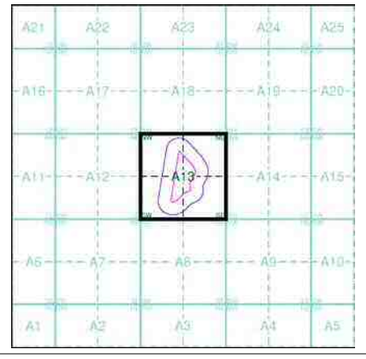
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	309341281_1_1
Customer Ref:	2111006.005
National Grid Reference:	277010, 188760
Slice:	A
Site Area (Ha):	4.24
Search Buffer (m):	100

Site Details

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Ordnance Survey Plan

Published 1950 - 1953

Source map scale - 1:1,250

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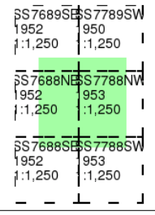
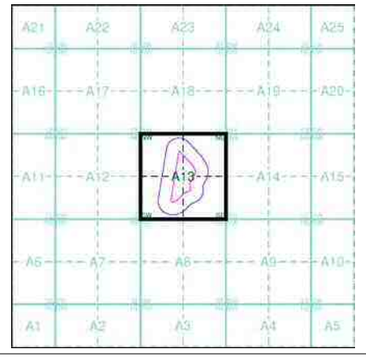
Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	309341281_1_1
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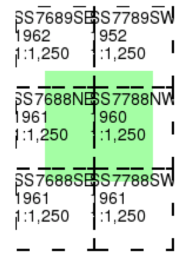
Ordnance Survey Plan

Published 1952 - 1962

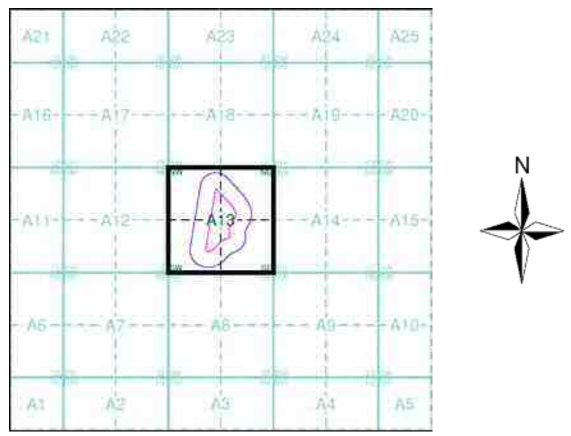
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 309341281_1_1
Customer Ref: 2111006.005
National Grid Reference: 277010, 188760
Slice: A
Site Area (Ha): 4.24
Search Buffer (m): 100

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Ordnance Survey Plan

Published 1953 - 1954

Source map scale - 1:2,500

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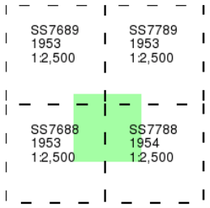
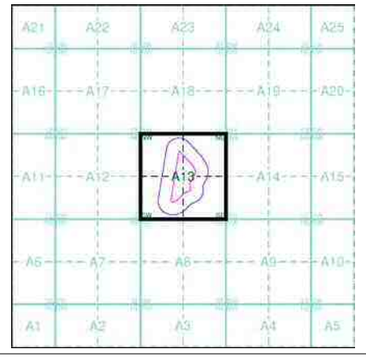
Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	309341281_1_1
Customer Ref:	2111006.005
National Grid Reference:	277010, 188760
Slice:	A
Site Area (Ha):	4.24
Search Buffer (m):	100

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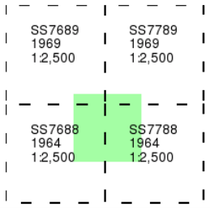
Ordnance Survey Plan

Published 1964 - 1969

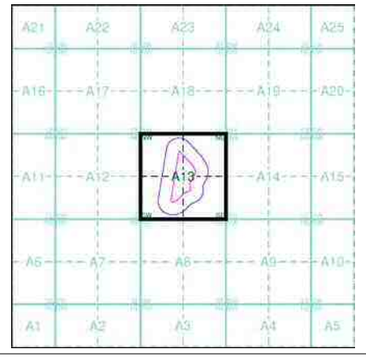
Source map scale - 1:2,500

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 A13



Order Details

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National Grid Reference:	277010, 188760
Slice:	A
Site Area (Ha):	4.24
Search Buffer (m):	100

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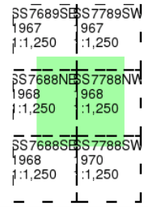
Ordnance Survey Plan

Published 1967 - 1970

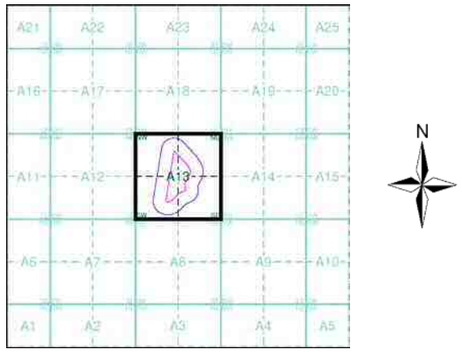
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	309341281_1_1
Customer Ref:	2111006.005
National Grid Reference:	277010, 188760
Slice:	A
Site Area (Ha):	4.24
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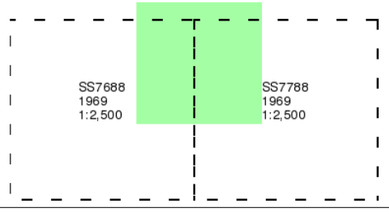
Ordnance Survey Plan

Published 1969

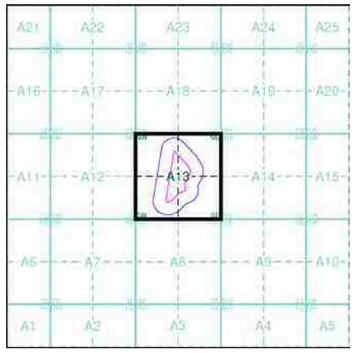
Source map scale - 1:2,500

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 A13



Order Details

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Slice:	A
Site Area (Ha):	4.24
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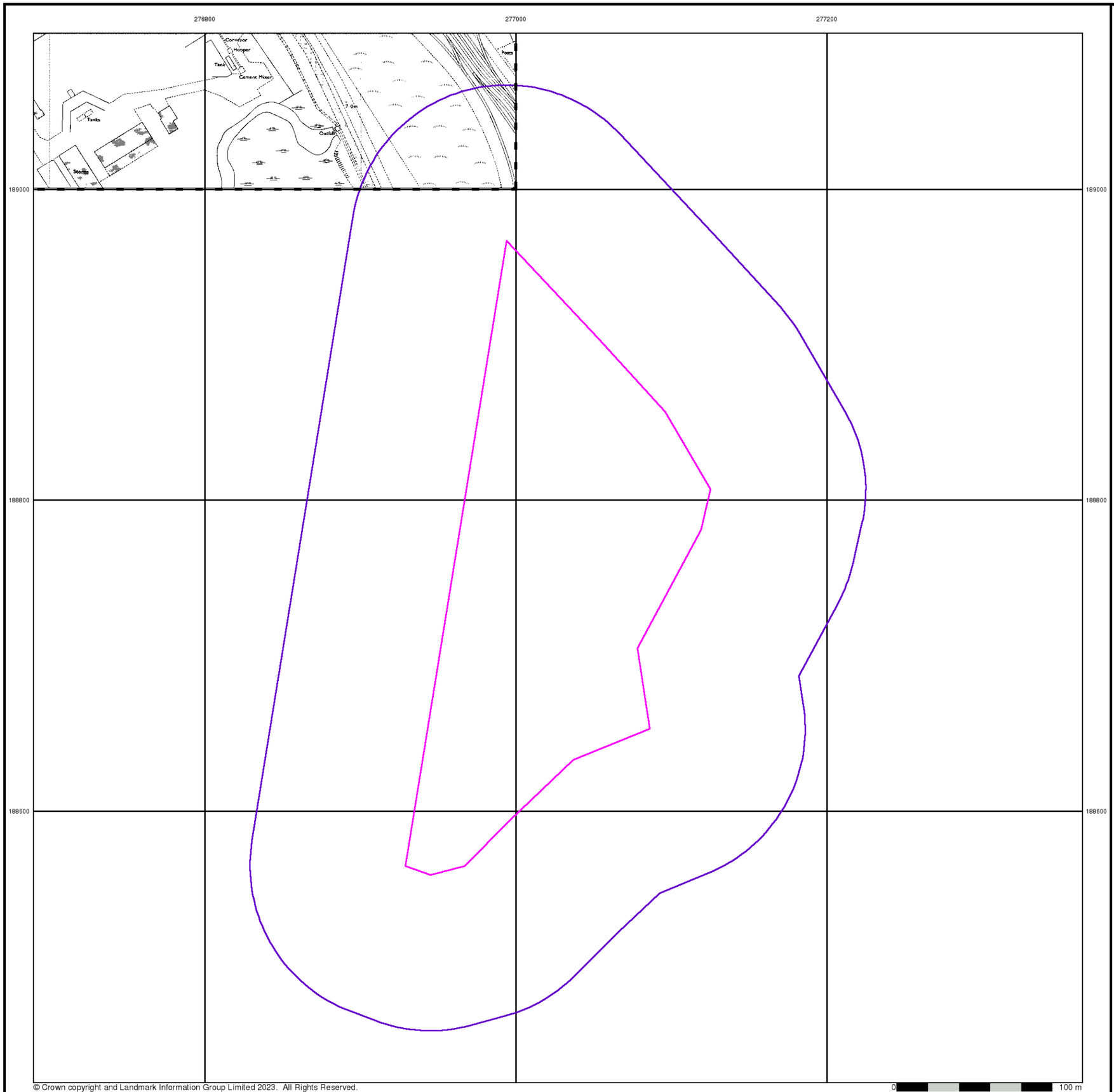

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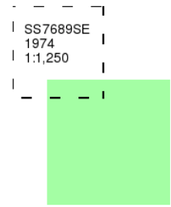
Ordnance Survey Plan

Published 1974

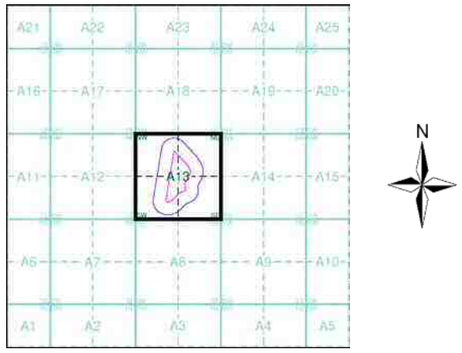
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	309341281_1_1
Customer Ref:	2111006.005
National Grid Reference:	277010, 188760
Slice:	A
Site Area (Ha):	4.24
Search Buffer (m):	100

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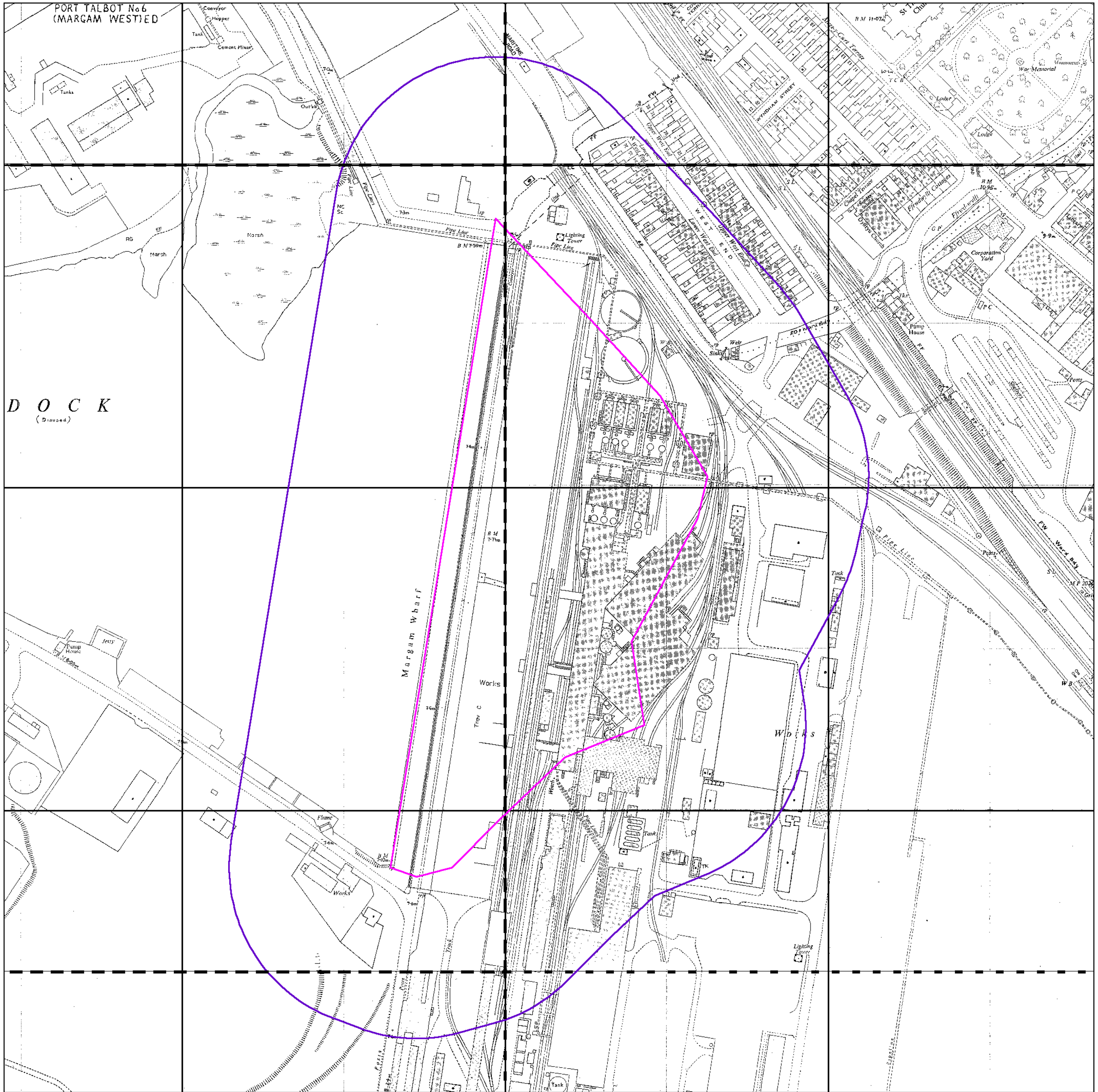
276800 277000 277200



189000
188800
188600

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0 100 m

Additional SIMs

Published 1978 - 1991

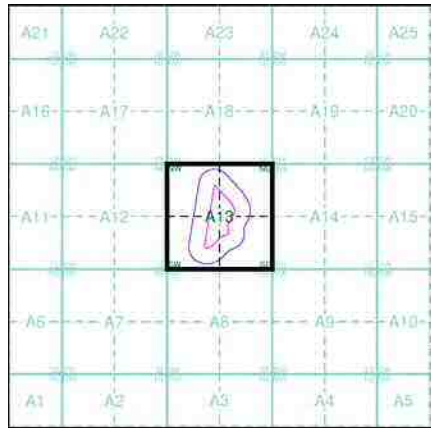
Source map scale - 1:1,250

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)

SS7689SE 1988 1:1,250	SS7789SW 1991 1:1,250
SS7688NE 1991 1:1,250	SS7788NW 1989 1:1,250
SS7688SE 1978 1:1,250	SS7788SW 1989 1:1,250

Historical Map - Segment A13



N

Order Details

Order Number: 309341281_1_1
Customer Ref: 2111006.005
National Grid Reference: 277010, 188760
Slice: A
Site Area (Ha): 4.24
Search Buffer (m): 100

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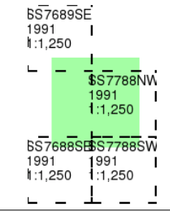
Additional SIMs

Published 1991

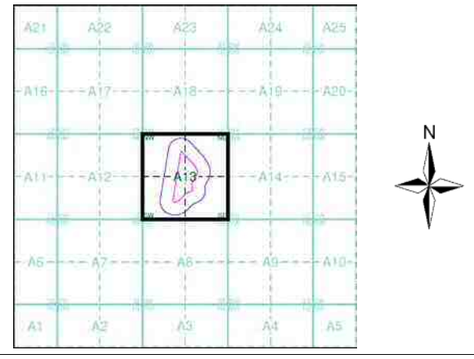
Source map scale - 1:1,250

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)



Historical Map - Segment A13



Order Details

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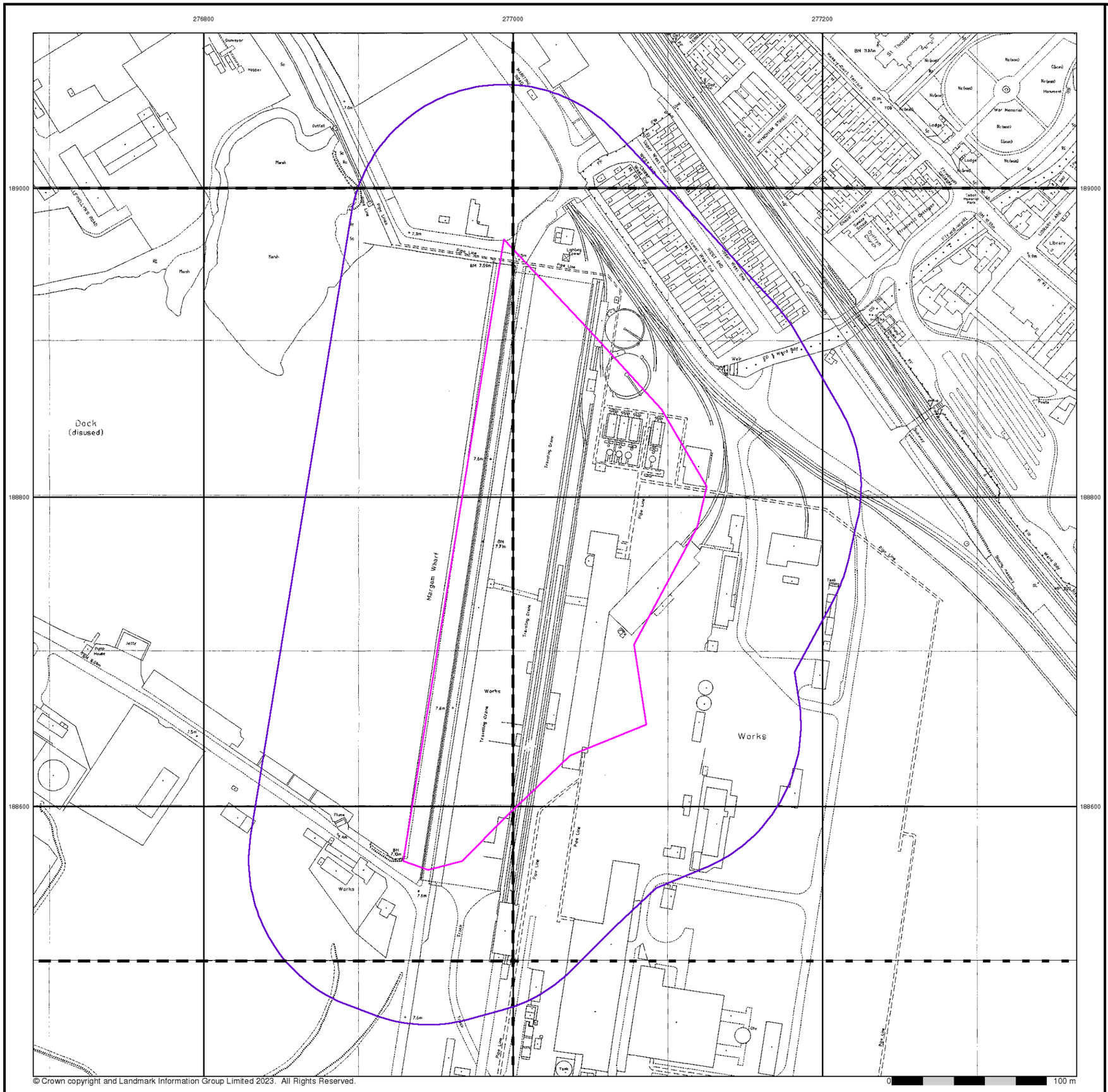

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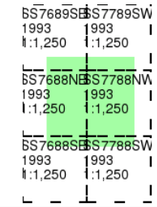
Large-Scale National Grid Data

Published 1993

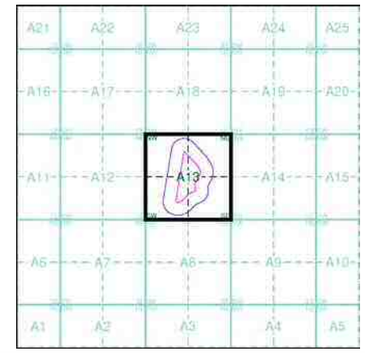
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

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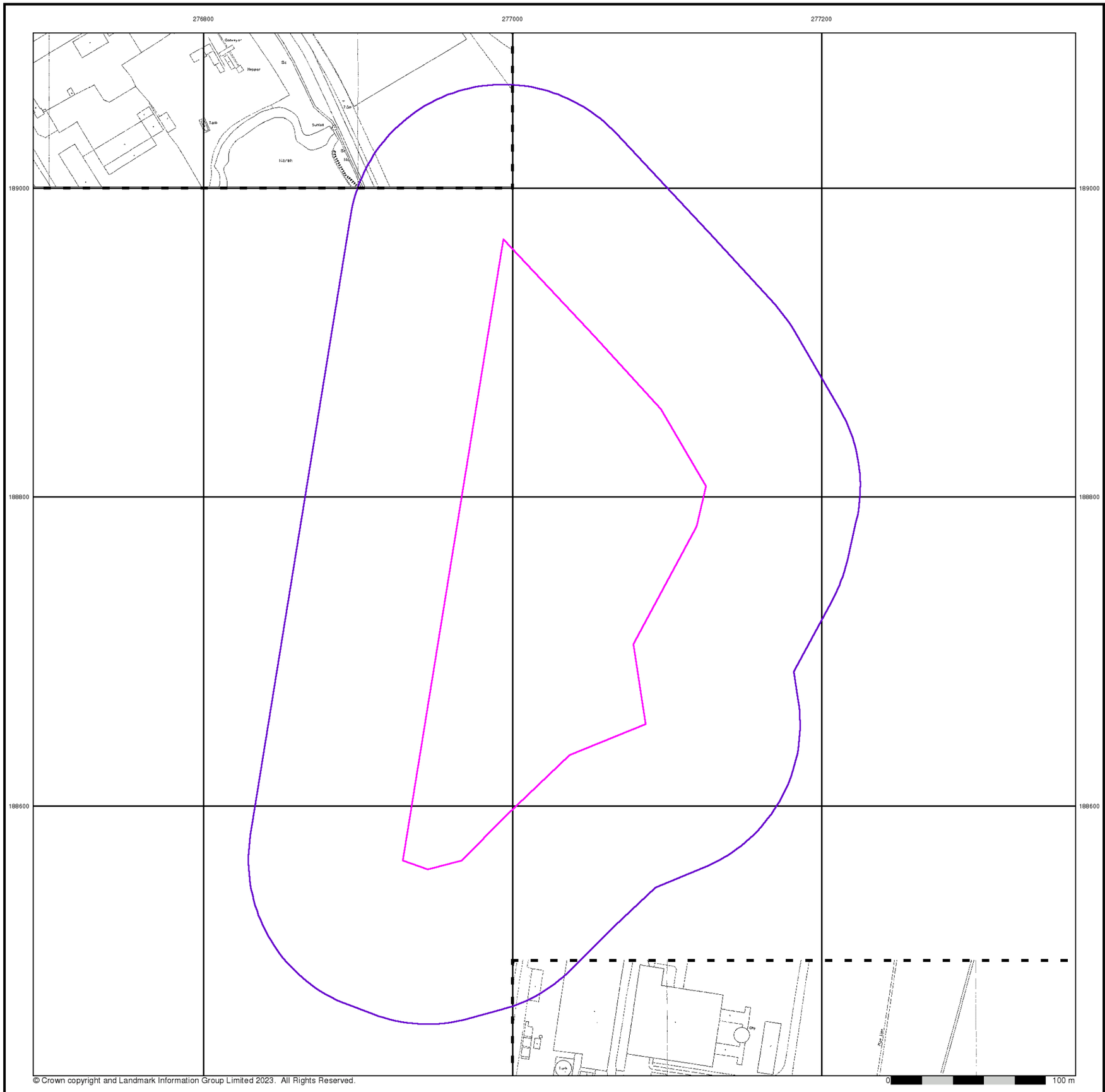

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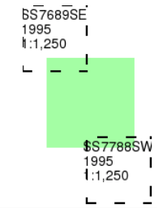
Large-Scale National Grid Data

Published 1995

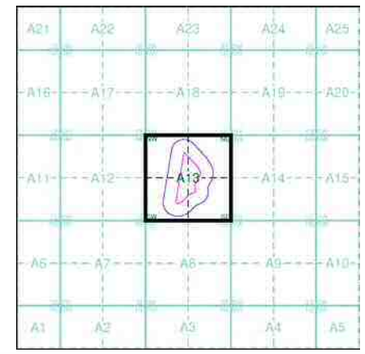
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

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Slice:	A
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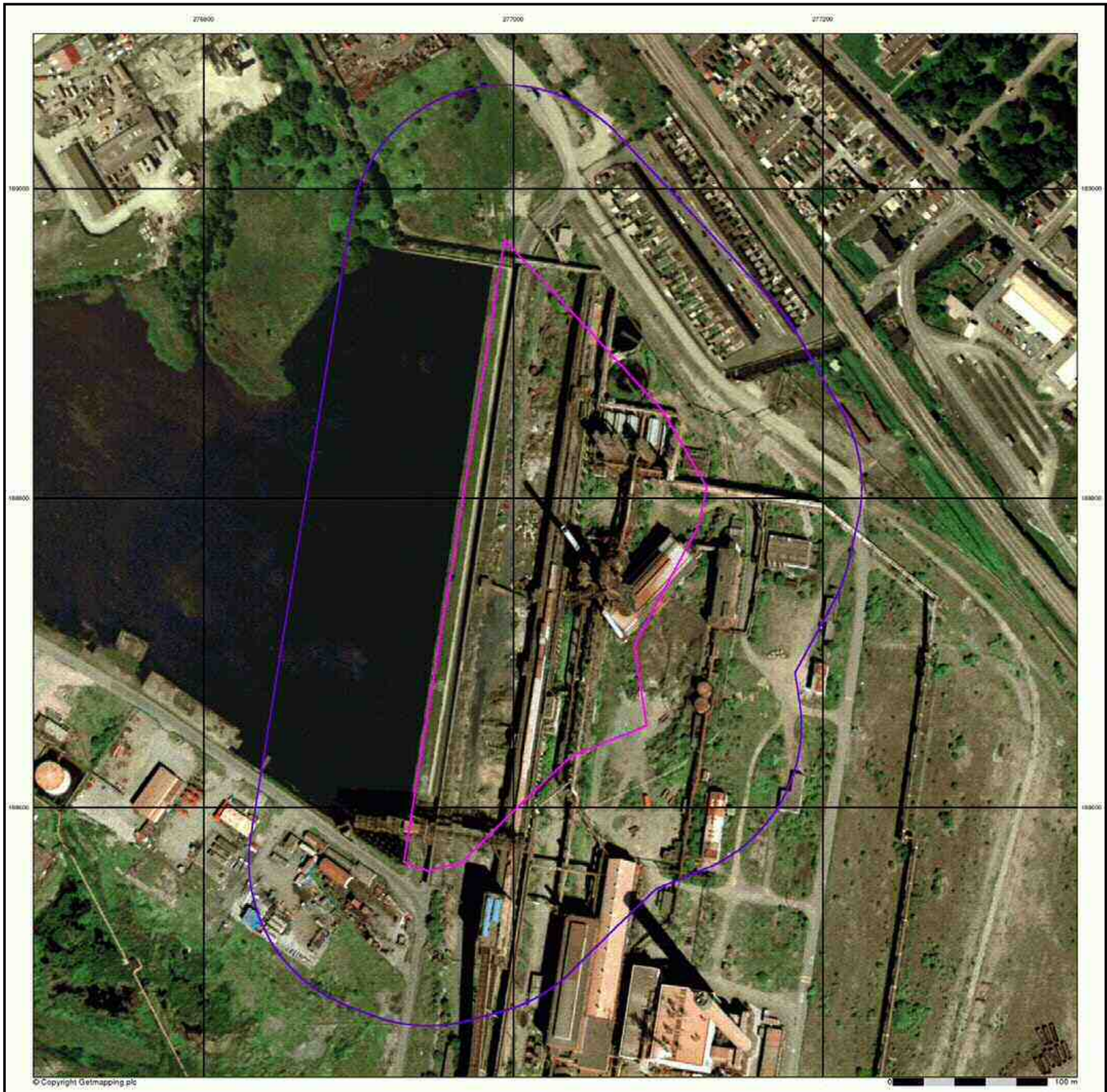
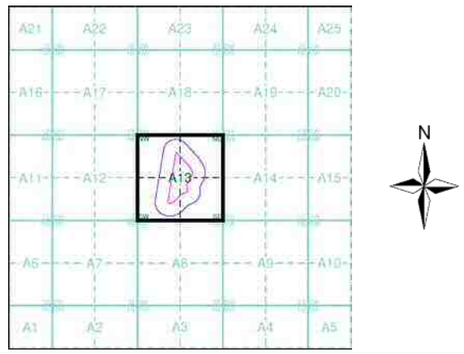


Historical Aerial Photography

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 A13



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
·285 Surface Level
Sketched Contour
Instrumental Contour
Main Roads
Fenced
Un-Fenced
Minor Roads
Fenced
Un-Fenced
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
Co. Boro. Bdy. County Borough Boundary (England)
Co. Burgh Bdy. County Burgh Boundary (Scotland)
R.D. Bdy. Rural District Boundary
Civil Parish Boundary

Ordnance Survey Plan 1:10,000

Chalk Pit, Clay Pit or Quarry
Gravel Pit
Sand Pit
Disused Pit or Quarry
Refuse or Slag Heap
Lake, Loch or Pond
Dunes
Boulders
Coniferous Trees
Non-Coniferous Trees
Orchard
Scrub
Coppice
Bracken
Heath
Rough Grassland
Marsh
Reeds
Saltings
Building
Direction of Flow of Water
Shingle
Sand
Glasshouse
Pylon
Electricity Transmission Line
Pole
Sloping Masonry
Cutting
Embankment
Standard Gauge Multiple Track
Road Under
Road Over
Level Crossing
Foot Bridge
Standard Gauge Single Track
Siding, Tramway or Mineral Line
Narrow Gauge
Geographical County
Administrative County, County Borough or County of City
Municipal Borough, Urban or Rural District, Burgh or District Council
Borough, Burgh or County Constituency
Shown only when not coincident with other boundaries
Civil Parish
Shown alternately when coincidence of boundaries occurs

BP, BS	Boundary Post or Stone	Pol Sta	Police Station
Ch	Church	PO	Post Office
CH	Club House	PC	Public Convenience
F E Sta	Fire Engine Station	PH	Public House
FB	Foot Bridge	SB	Signal Box
Fn	Fountain	Spr	Spring
GP	Guide Post	TCB	Telephone Call Box
MP	Mile Post	TCP	Telephone Call Post
MS	Mile Stone	W	Well

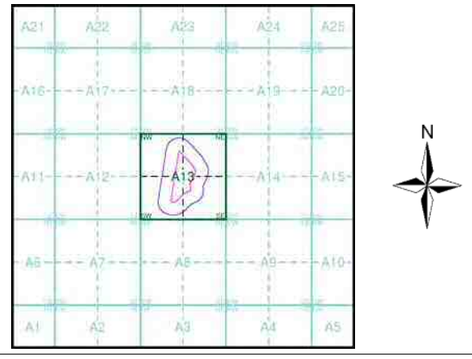
1:10,000 Raster Mapping

Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or community boundary
District, Unitary, Metropolitan, London Borough boundary
Constituency boundary
Area of wooded vegetation
Non-coniferous trees
Non-coniferous trees (scattered)
Coniferous trees
Coniferous trees (scattered)
Positioned tree
Orchard
Coppice or Osiers
Rough Grassland
Heath
Scrub
Marsh, Salt Marsh or Reeds
Water feature
Flow arrows
MHW(S) Mean high water (springs)
MLW(S) Mean low water (springs)
Telephone line (where shown)
Electricity transmission line (with poles)
BM 123.45 m 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	1964 - 1965	8
Ordnance Survey Plan	1:10,000	1974	9
Ordnance Survey Plan	1:10,000	1980 - 1982	10
Ordnance Survey Plan	1:10,000	1993 - 1996	11
10K Raster Mapping	1:10,000	1999	12
10K Raster Mapping	1:10,000	2006	13
VectorMap Local	1:10,000	2022	14

Historical Map - Slice A



Order Details

Order Number: 309341281_1_1
Customer Ref: 2111006.005
National Grid Reference: 277010, 188760
Slice: A
Site Area (Ha): 4.24
Search Buffer (m): 1000

Site Details

Civil & Marine Ltd, Docks Road, The Docks, PORT TALBOT, SA13 1RA

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Glamorganshire

Published 1884 - 1885

Source map scale - 1:10,560

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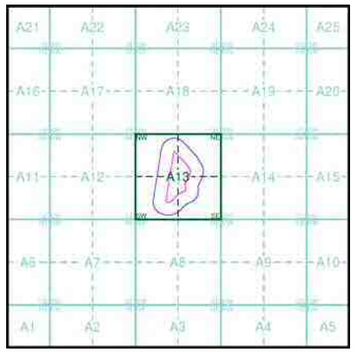
Map Name(s) and Date(s)

02500
1884
1:10,560

03300
1885
1:10,560

Historical Map - Slice A



Order Details

Order Number:	309341281_1_1
Customer Ref:	2111006.005
National Grid Reference:	277010, 188760
Slice:	A
Site Area (Ha):	4.24
Search Buffer (m):	1000

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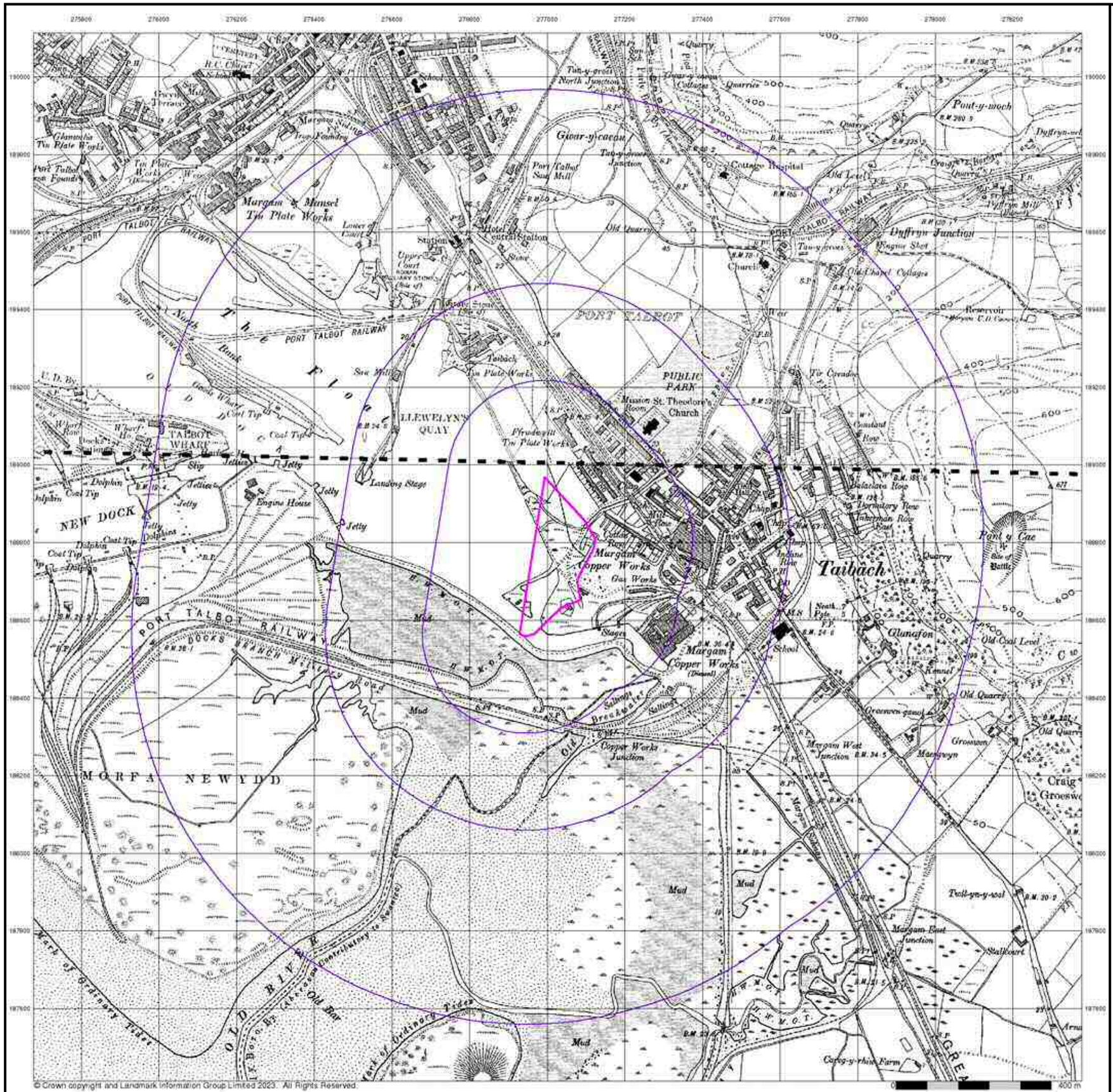
Glamorganshire
Published 1900
Source map scale - 1:10,560
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 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
A21 A22 A23 A24 A25
A16 A17 A18 A19 A20
A11 A12 A13 A14 A15
A6 A7 A8 A9 A10
A1 A2 A3 A4 A5
N
Order Details
Order Number: 309341281_1_1
Customer Ref: 2111006.005
National Grid Reference: 277010, 188760
Slice: A
Site Area (Ha): 4.24
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A Landmark Information Group Service v50.0 30-Mar-2023 Page 3 of 14
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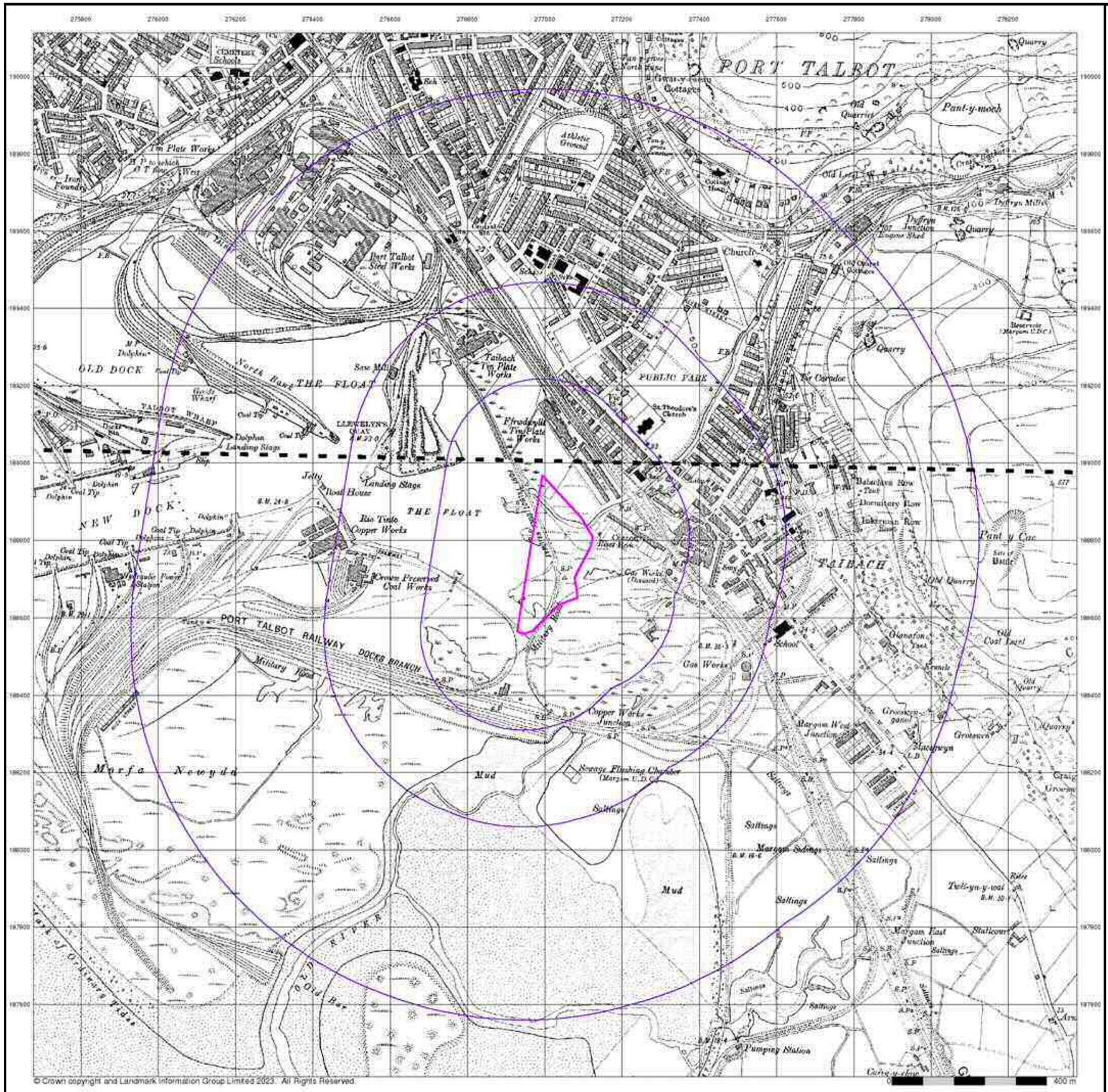


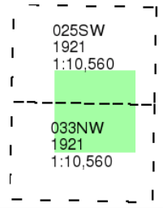
Glamorganshire

Published 1921

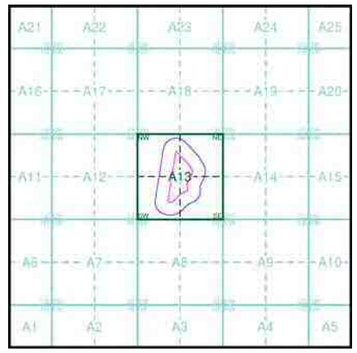
Source map scale - 1:10,560

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)



Historical Map - Slice A



Order Details

Order Number:	309341281_1_1
Customer Ref:	2111006.005
National Grid Reference:	277010, 188760
Slice:	A
Site Area (Ha):	4.24
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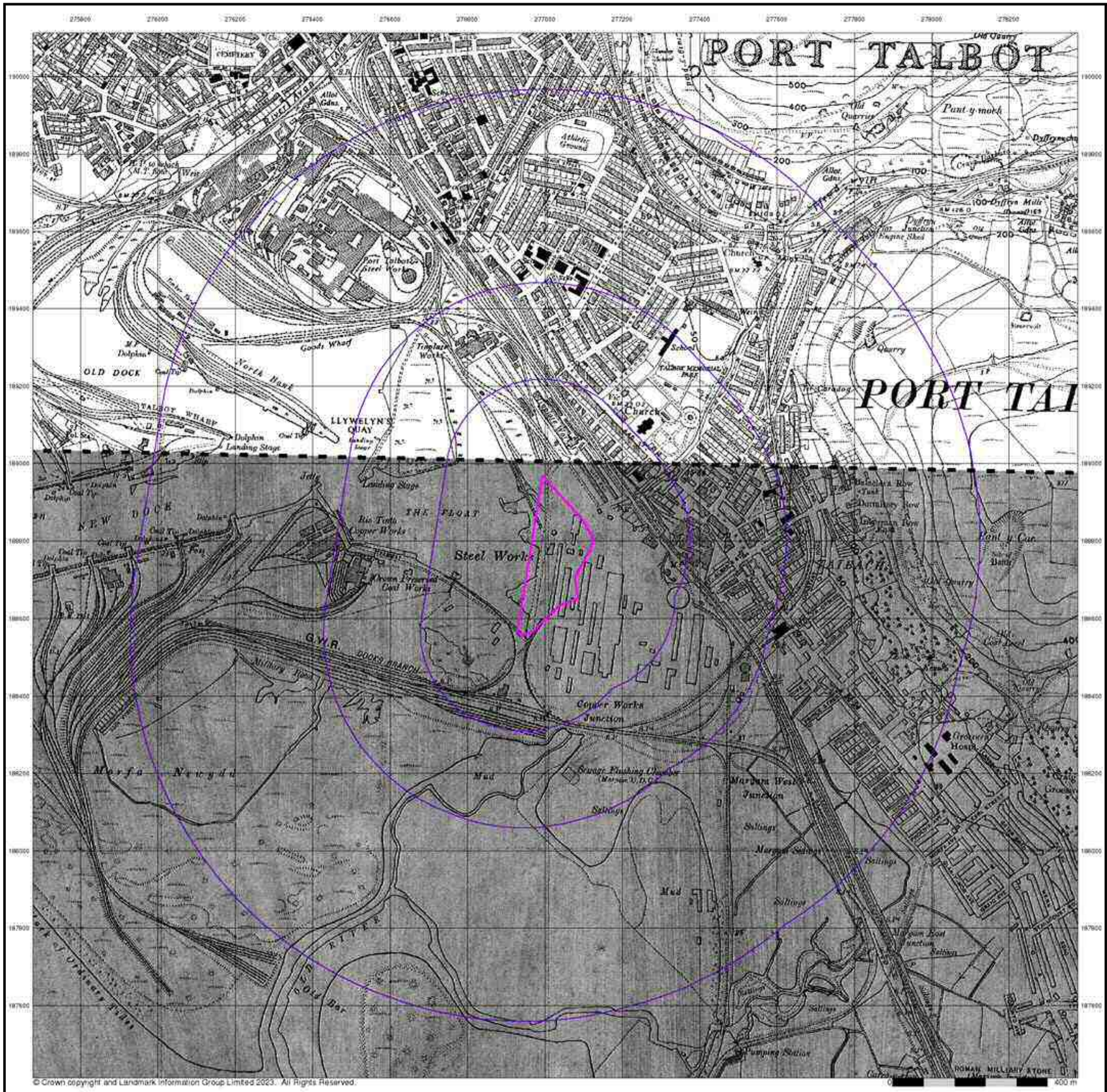


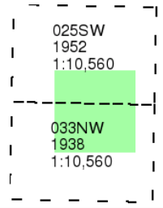
Glamorganshire

Published 1938 - 1952

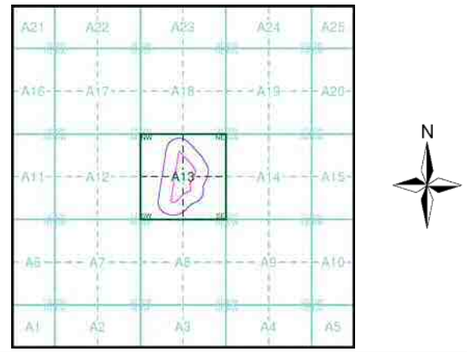
Source map scale - 1:10,560

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)



Historical Map - Slice A



Order Details

Order Number:	309341281_1_1
Customer Ref:	2111006.005
National Grid Reference:	277010, 188760
Slice:	A
Site Area (Ha):	4.24
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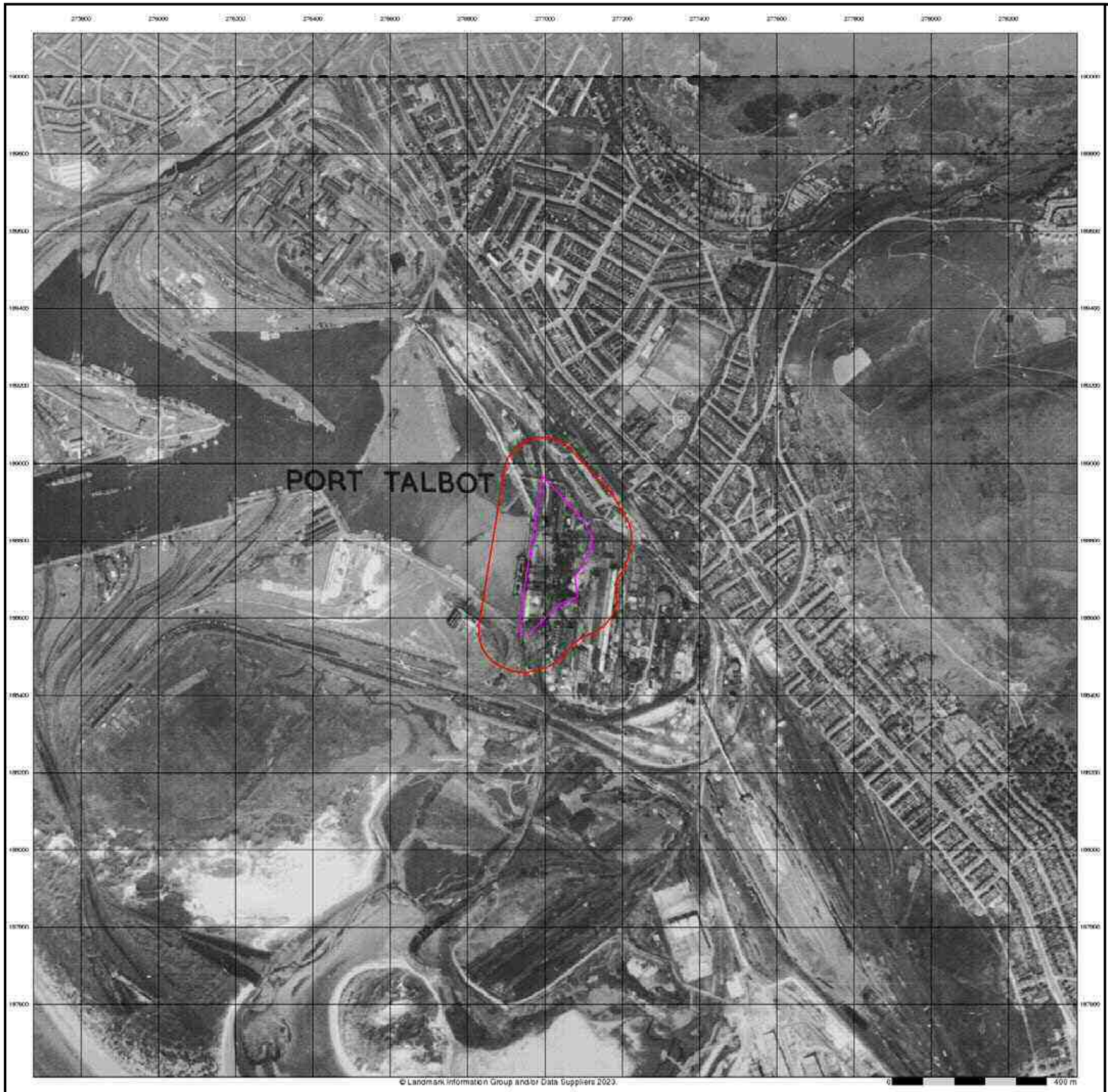

Historical Aerial Photography

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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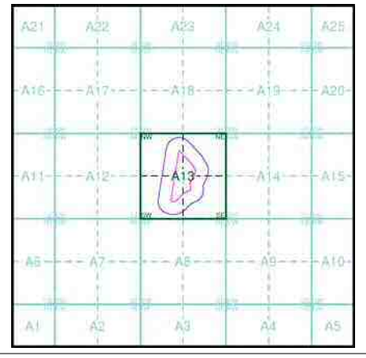
Map Name(s) and Date(s)

SS79SE
1949
1:10,560

SS78NE
1949
1:10,560

Historical Aerial Photography - Slice A



Order Details

Order Number:	309341281_1_1
Customer Ref:	2111006.005
National Grid Reference:	277010, 188760
Slice:	A
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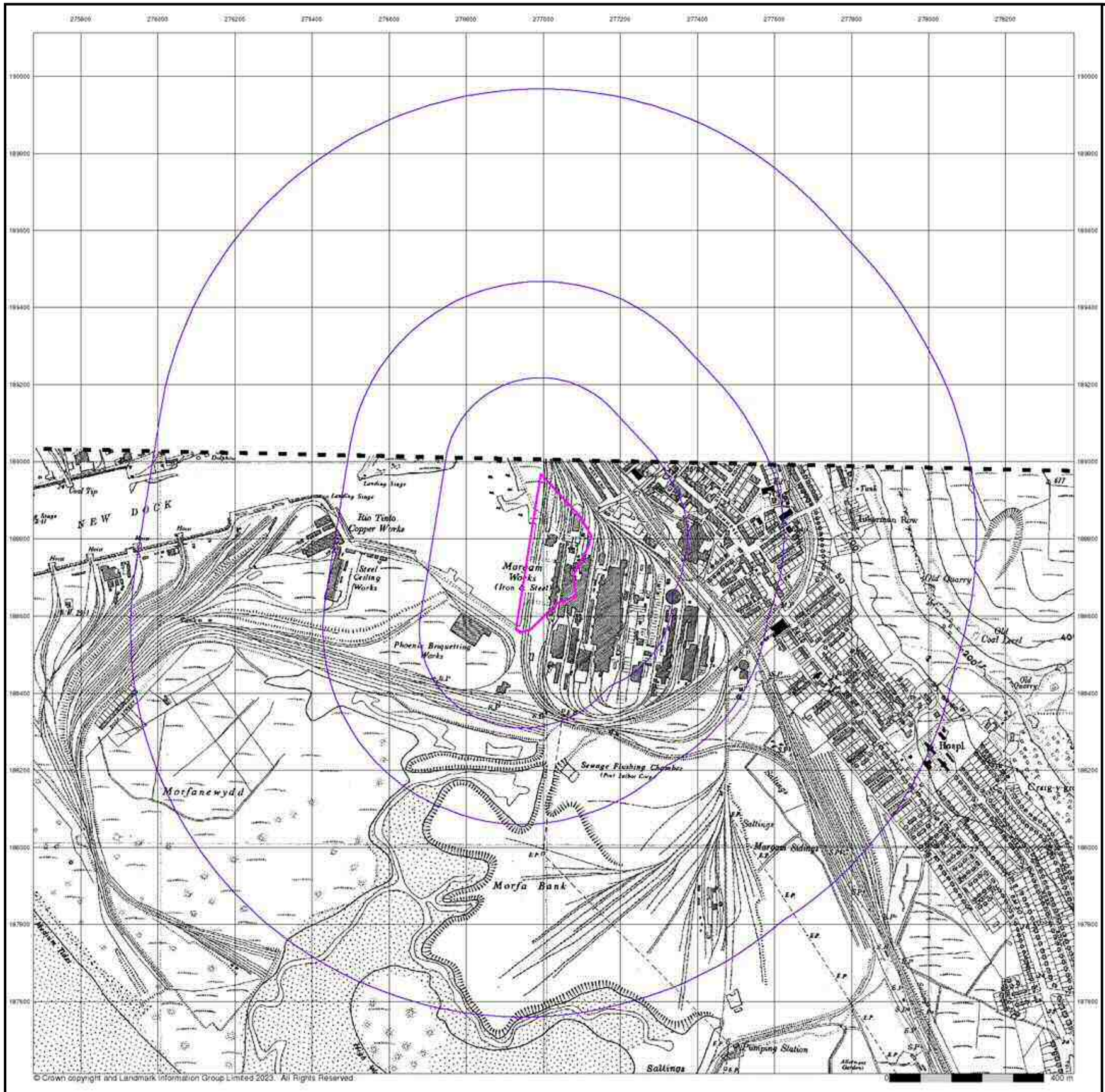

Glamorganshire

Published 1951

Source map scale - 1:10,560

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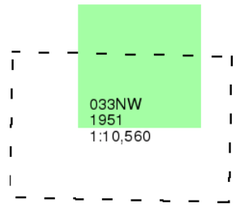
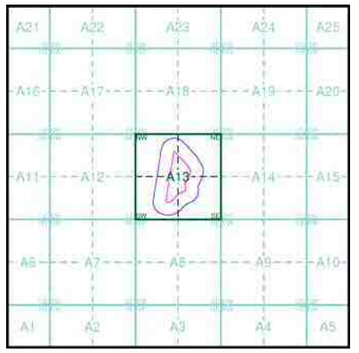
Map Name(s) and Date(s)



Historical Map - Slice A

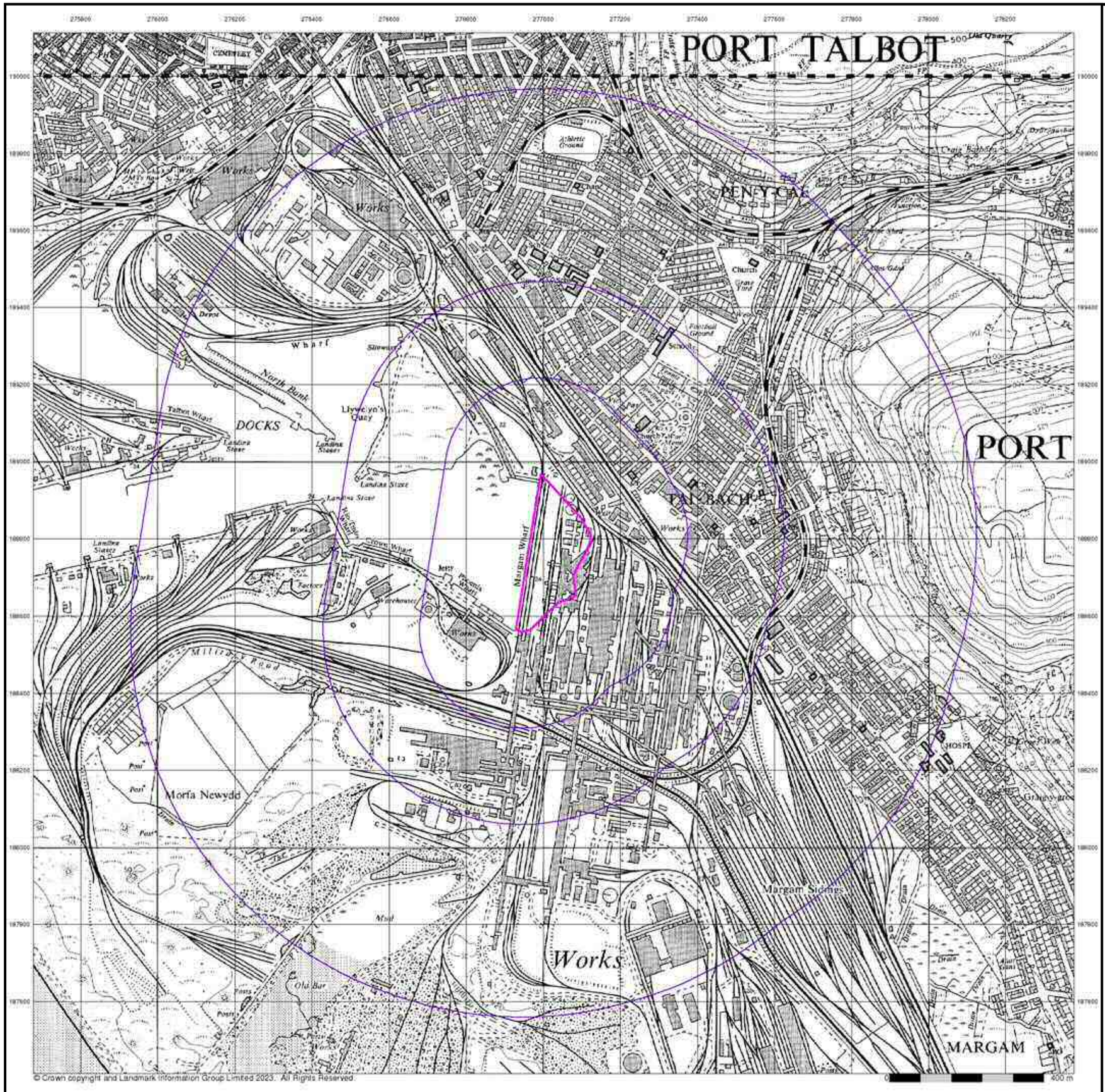


Order Details

Order Number:	309341281_1_1
Customer Ref:	2111006.005
National Grid Reference:	277010, 188760
Slice:	A
Site Area (Ha):	4.24
Search Buffer (m):	1000

Site Details

Civil & Marine Ltd, Docks Road, The Docks, PORT TALBOT, SA13 1RA



Ordnance Survey Plan

Published 1964 - 1965

Source map scale - 1:10,000

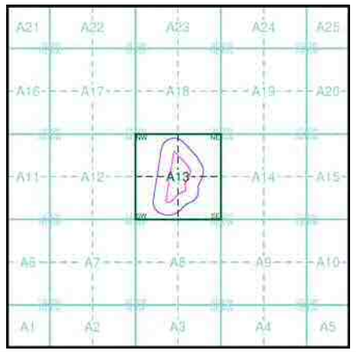
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some 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)

SS79SE
1964
1:10,560

SS78NE
1965
1:10,560

Historical Map - Slice A



Order Details

Order Number:	309341281_1_1
Customer Ref:	2111006.005
National Grid Reference:	277010, 188760
Slice:	A
Site Area (Ha):	4.24
Search Buffer (m):	1000

Site Details

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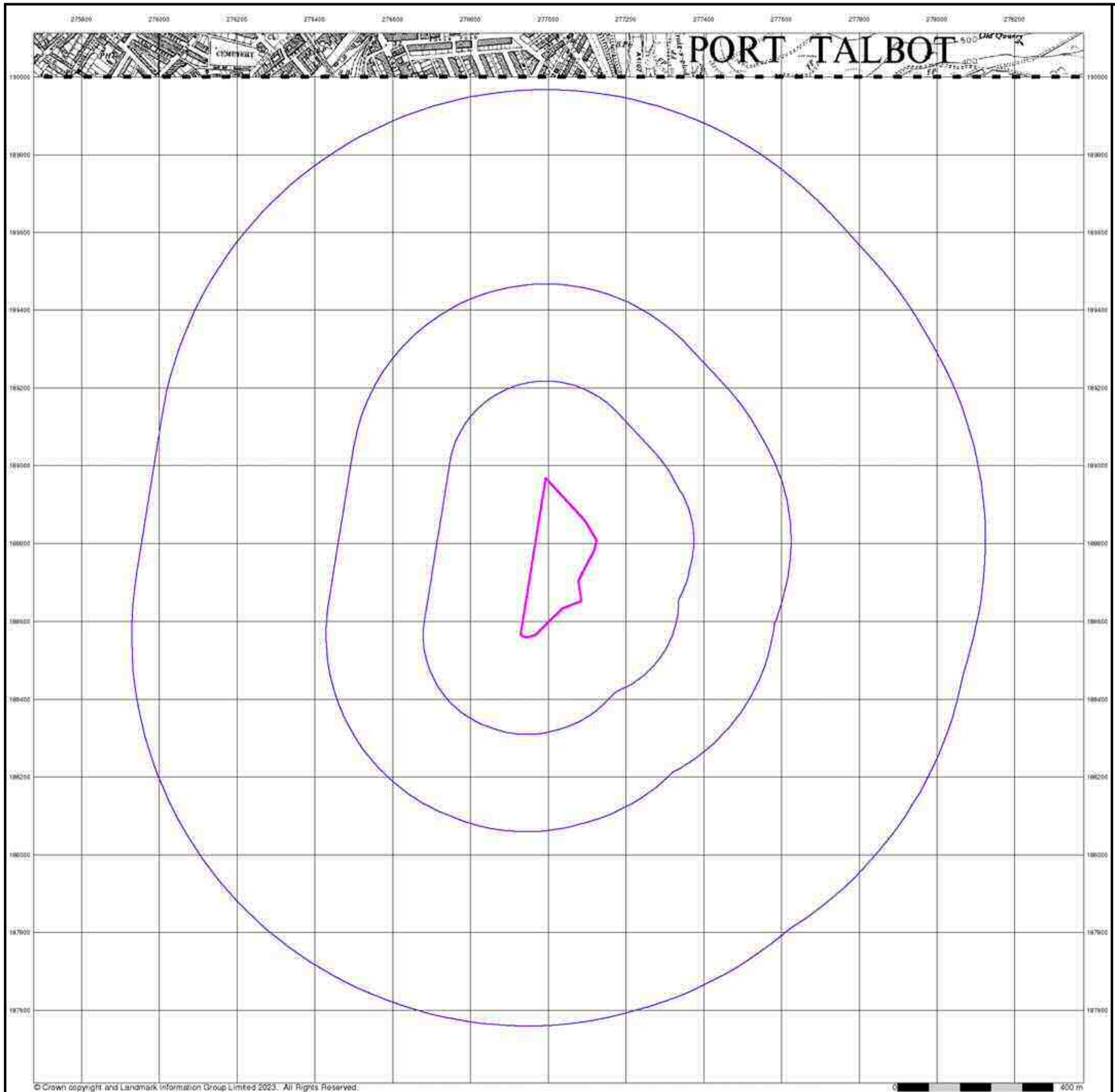

Ordnance Survey Plan

Published 1974

Source map scale - 1:10,000

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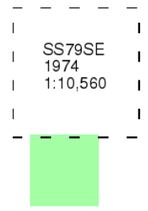
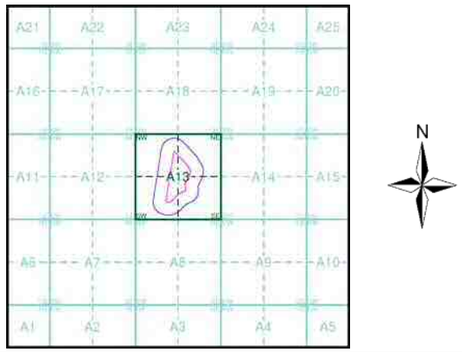
Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

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Slice:	A
Site Area (Ha):	4.24
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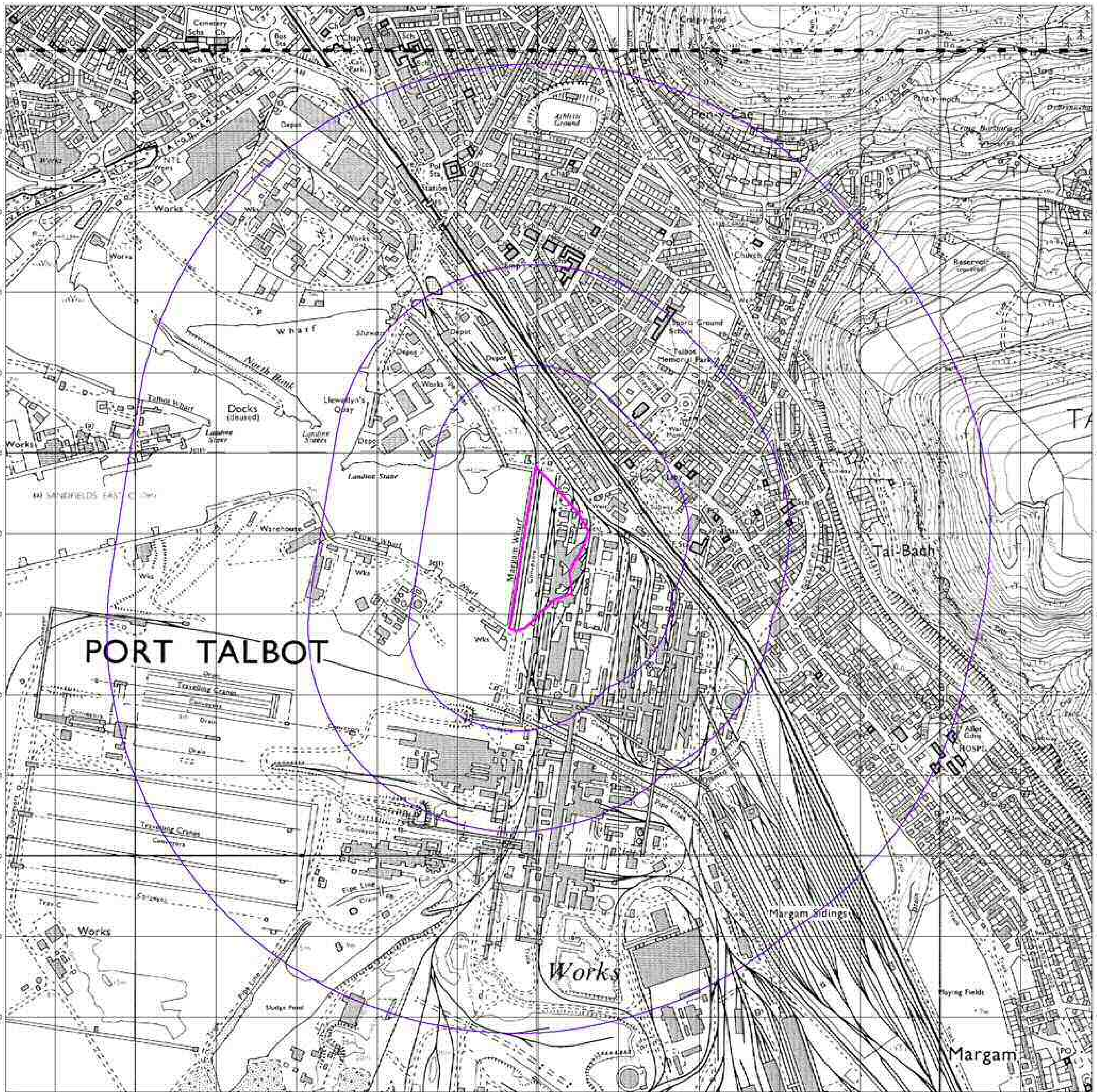

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Ordnance Survey Plan

Published 1980 - 1982

Source map scale - 1:10,000

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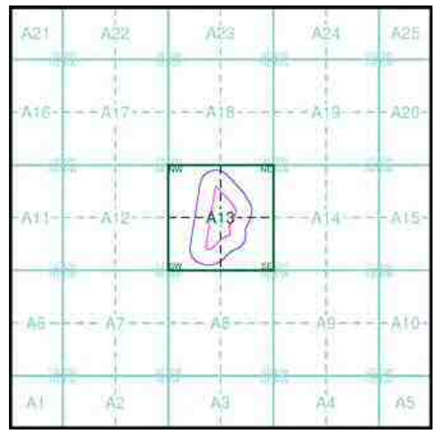
Map Name(s) and Date(s)

SS79SE
1980
1:10,000

SS78NE
1982
1:10,000

Historical Map - Slice A



Order Details

Order Number:	309341281_1_1
Customer Ref:	2111006.005
National Grid Reference:	277010, 188760
Slice:	A
Site Area (Ha):	4.24
Search Buffer (m):	1000

Site Details

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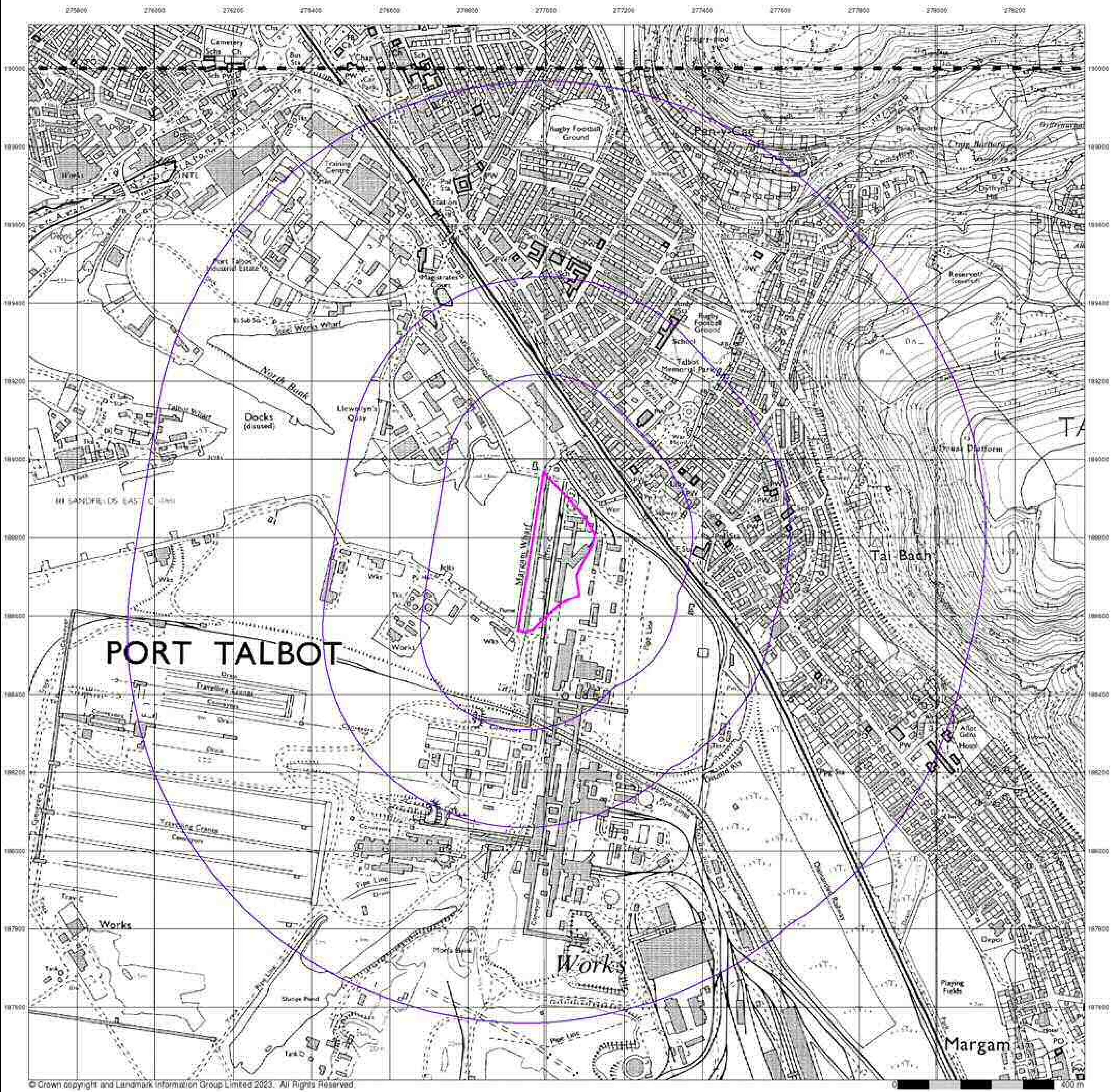

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Ordnance Survey Plan

Published 1993 - 1996

Source map scale - 1:10,000

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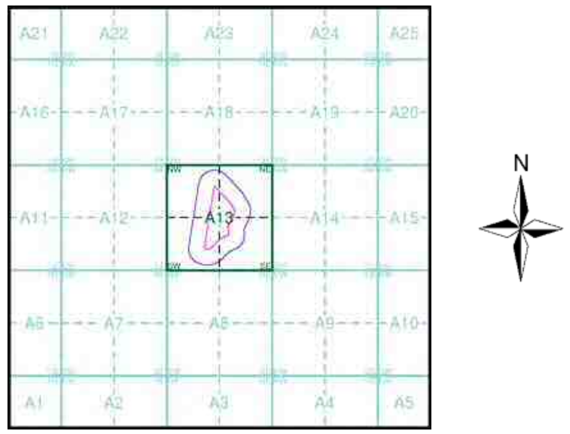
Map Name(s) and Date(s)

SS79SE
1996
1:10,000

SS78NE
1993
1:10,000

Historical Map - Slice A



Order Details

Order Number:	309341281_1_1
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National Grid Reference:	277010, 188760
Slice:	A
Site Area (Ha):	4.24
Search Buffer (m):	1000

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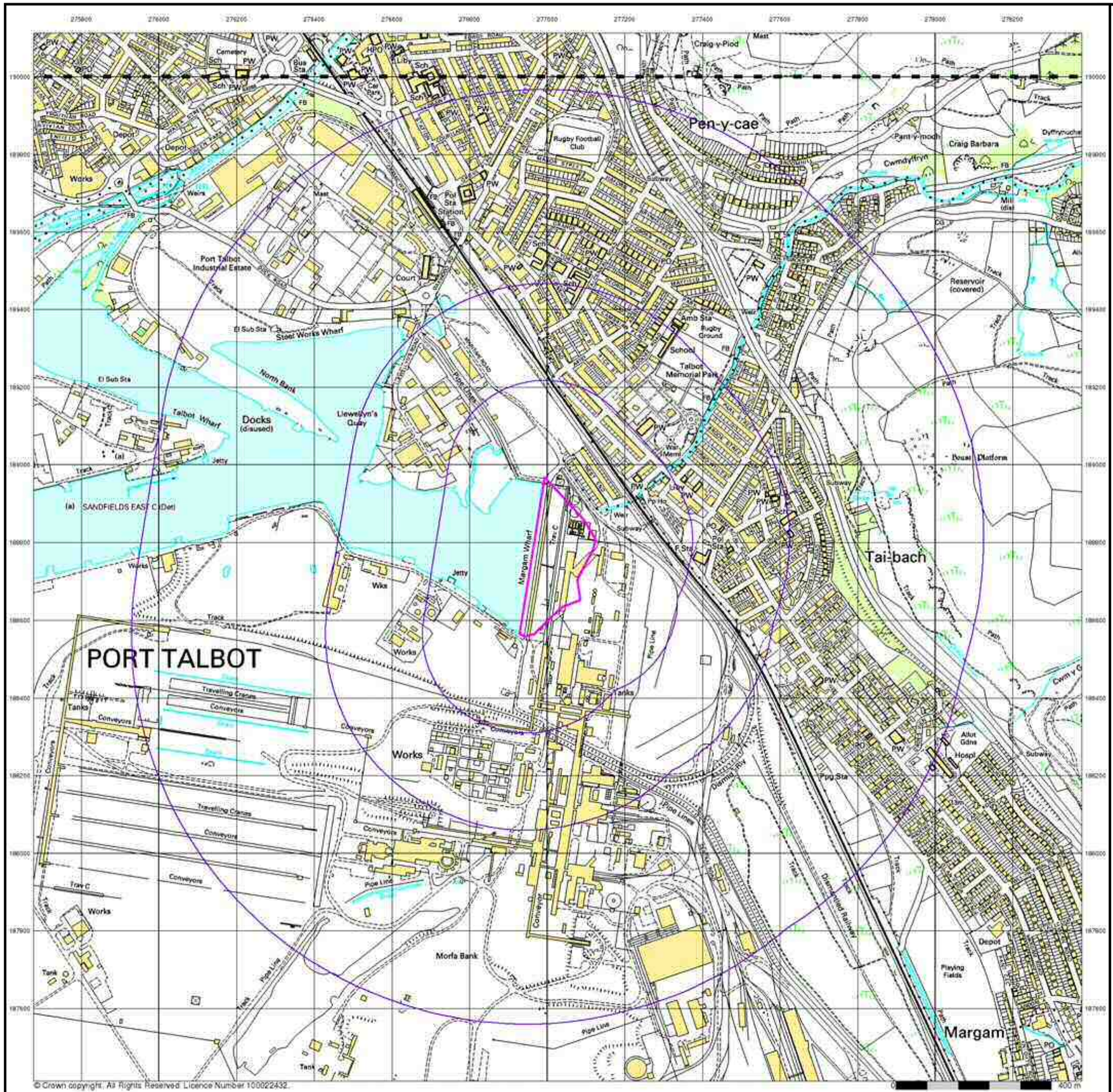

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10k Raster Mapping

Published 1999

Source map scale - 1:10,000

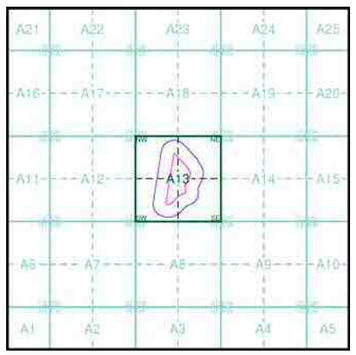
The historical maps shown were produced from the Ordnance Survey`s 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks 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)

SS79SE
1999
1:10,000

SS78NE
1999
1:10,000

Historical Map - Slice A



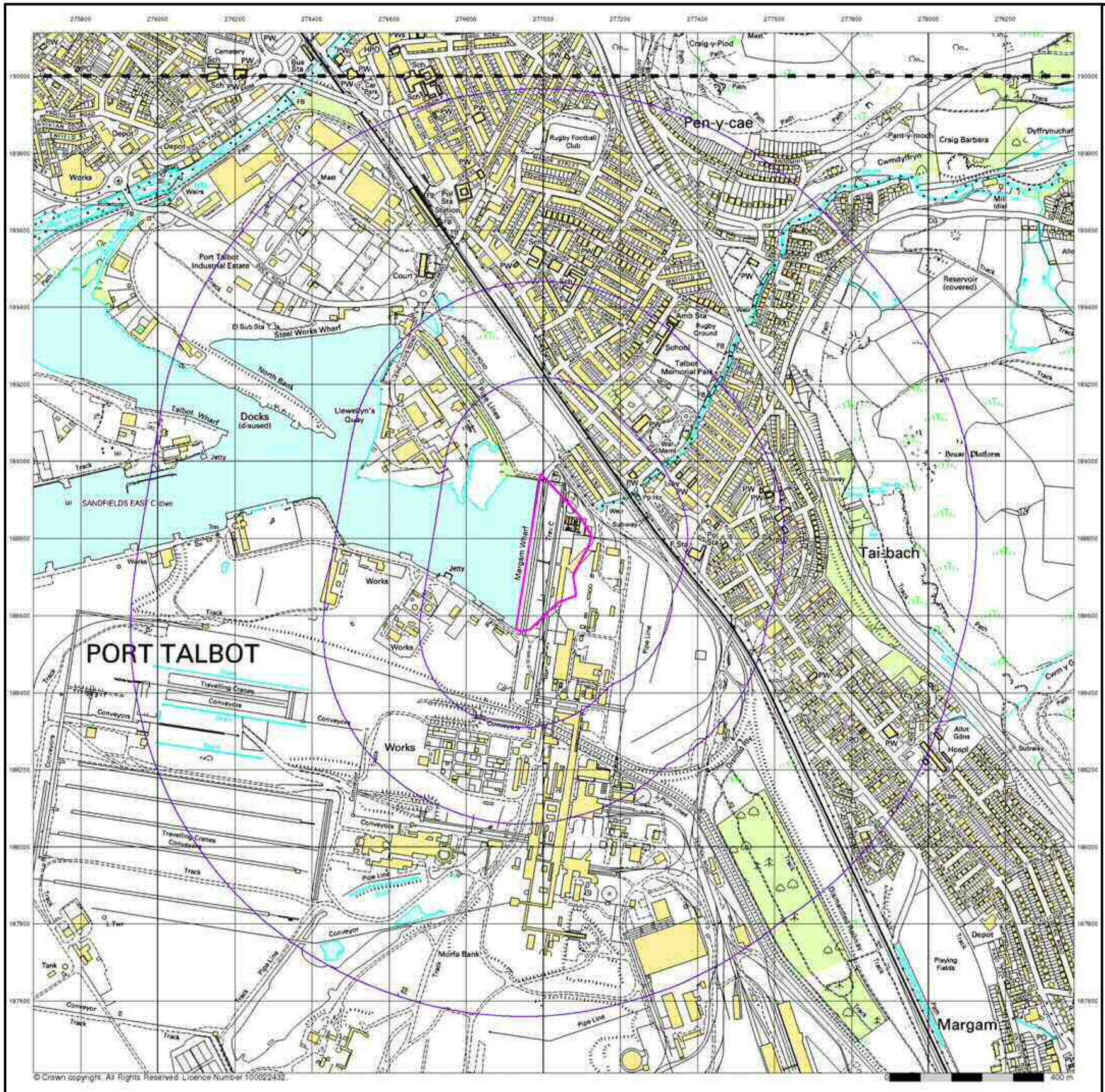
Order Details

Order Number:	309341281_1_1
Customer Ref:	2111006.005
National Grid Reference:	277010, 188760
Slice:	A
Site Area (Ha):	4.24
Search Buffer (m):	1000

Site Details

Civil & Marine Ltd, Docks Road, The Docks, PORT TALBOT, SA13 1RA

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



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10k Raster Mapping

Published 2006

Source map scale - 1:10,000

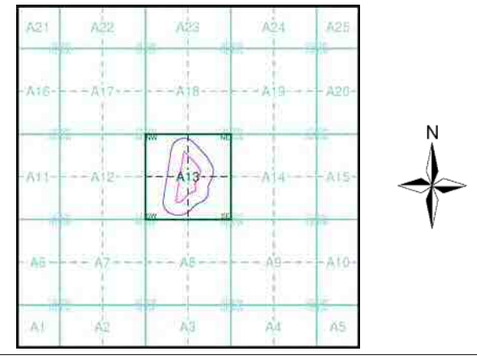
The historical maps shown were produced from the Ordnance Survey`s 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks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

Map Name(s) and Date(s)

SS79SE
2006
1:10,000

SS78NE
2006
1:10,000

Historical Map - Slice A



Order Details

Order Number:	309341281_1_1
Customer Ref:	2111006.005
National Grid Reference:	277010, 188760
Slice:	A
Site Area (Ha):	4.24
Search Buffer (m):	1000

Site Details

Civil & Marine Ltd, Docks Road, The Docks, PORT TALBOT, SA13 1RA

Landmark INFORMATION GROUP
Tel: 0844 844 9952
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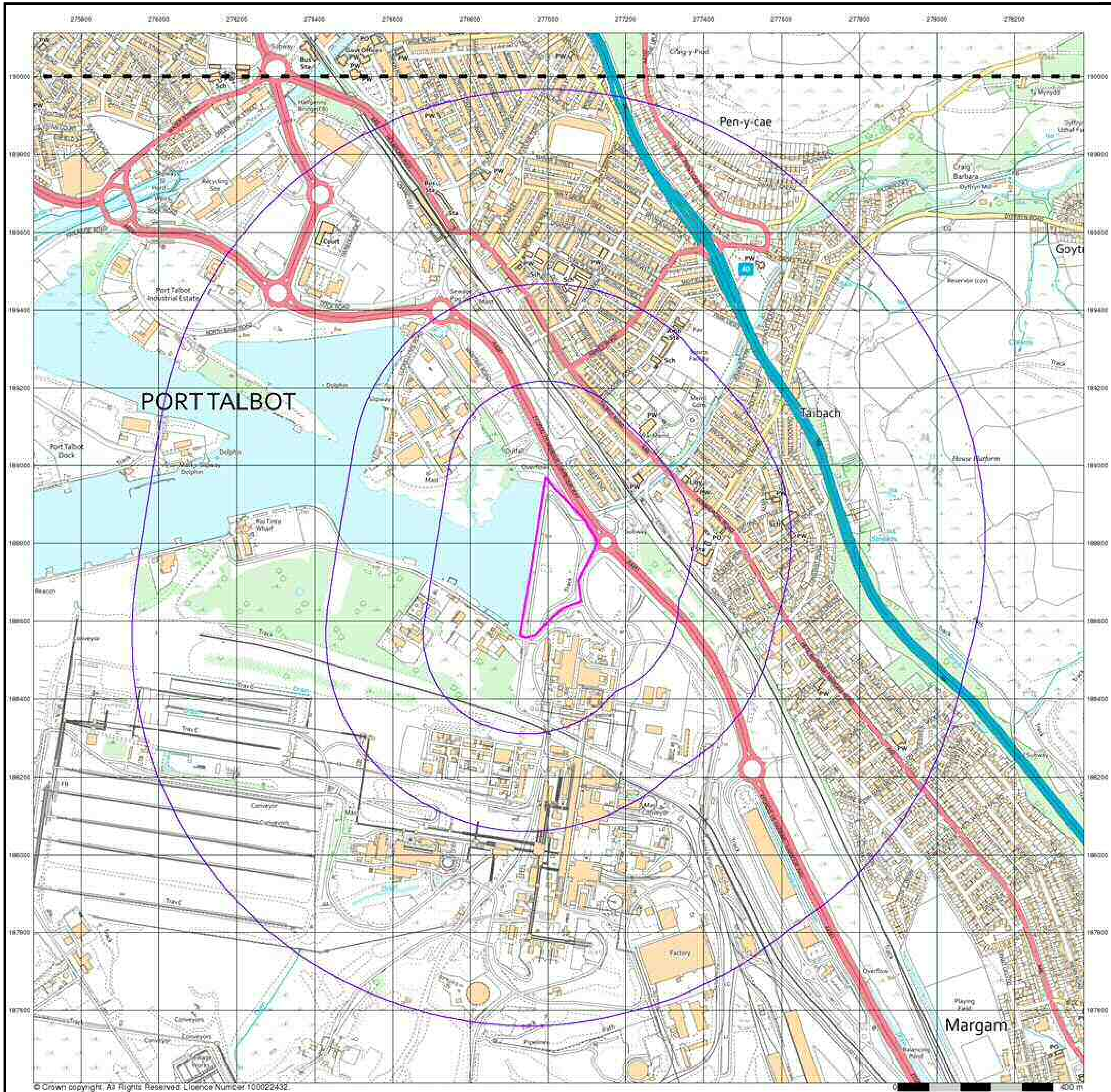

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VectorMap Local

Published 2022

Source map scale - 1:10,000

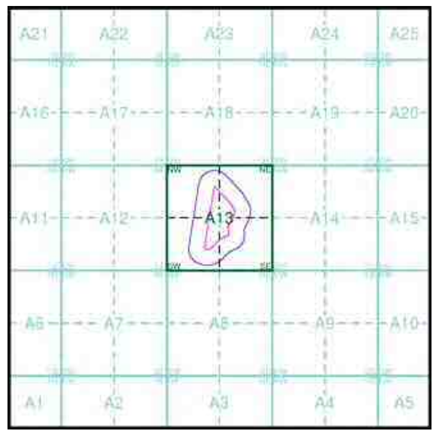
VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap 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)

SS79SE
2022
Variable

SS78NE
2022
Variable

Historical Map - Slice A



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Order Details

Order Number: 309341281_1_1
Customer Ref: 2111006.005
National Grid Reference: 277010, 188760
Slice: A
Site Area (Ha): 4.24
Search Buffer (m): 1000

Site Details

Civil & Marine Ltd, Docks Road, The Docks, PORT TALBOT, SA13 1RA

Appendix C

Envirocheck®

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
309341281_1_1

Customer Reference:
2111006.005

National Grid Reference:
277010, 188760

Slice:
A

Site Area (Ha):
4.24

Search Buffer (m):
1000

Site Details:

Civil & Marine Ltd, Docks Road
The Docks
PORT TALBOT
SA13 1RA

Client Details:

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

Contents

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	1	16	19	19
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls	pg 16			1	5
Integrated Pollution Prevention And Control	pg 17			1	1
Local Authority Integrated Pollution Prevention And Control	pg 17				1
Local Authority Pollution Prevention and Controls	pg 17				5
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 18	Yes			
Pollution Incidents to Controlled Waters	pg 18		3	1	10
Prosecutions Relating to Authorised Processes	pg 20			1	1
Registered Radioactive Substances					
River Quality	pg 21	2			
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points	pg 21		3		
Substantiated Pollution Incident Register	pg 23		2	1	5
Water Abstractions	pg 24		13		7 (*8)
Water Industry Act Referrals	pg 31		1		
Groundwater Vulnerability Map	pg 31	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 32	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 32	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 32	Yes	Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 37	Yes	Yes	n/a	n/a
Areas Benefiting from Flood Defences	pg 43	Yes		n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences	pg 43		Yes	n/a	n/a
OS Water Network Lines	pg 43		10	2	33

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 49		3	3	1
Local Authority Landfill Coverage	pg 50	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 50				1
Potentially Infilled Land (Non-Water)	pg 50			1	2
Potentially Infilled Land (Water)	pg 51	5	3	3	34
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents	pg 54				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 55	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 55	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 58				5
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages	pg 59				Yes
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 59	Yes	n/a	n/a	n/a
Mining Instability	pg 59	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 59	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 60		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 60	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 60		Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 60	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
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Contemporary Trade Directory Entries	pg 61		12	37	51
Fuel Station Entries	pg 70			1	2
Points of Interest - Commercial Services	pg 70		5	10	13
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 72	2	19	16	41
Points of Interest - Public Infrastructure	pg 79		3	3	14
Points of Interest - Recreational and Environmental	pg 80			2	1
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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					
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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 to Occur at Surface	A13SW (NE)	0	1	277007 188756
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	124	1	276850 188850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	133	1	276800 188650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	166	1	276900 188400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (E)	176	1	277300 188756
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	189	1	276800 188950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	210	1	277007 188350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	230	1	276850 188350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (E)	232	1	277350 188750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	239	1	276650 188750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	257	1	276700 188450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	278	1	277050 188300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	297	1	277100 188300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	310	1	277400 188650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NE (SW)	325	1	276650 188400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (SW)	349	1	276600 188450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	365	1	277150 188250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	368	1	277450 188600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	392	1	277200 188250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (SW)	397	1	276550 188450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	404	1	276550 188756
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (SW)	434	1	276500 188500

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	A12SE (SW)	445	1	276500 188450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (W)	462	1	276500 188800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (SE)	462	1	277500 188450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (SE)	462	1	277250 188200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A9NW (SE)	486	1	277500 188400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (SW)	493	1	276450 188450
1	**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 Environment: Not Supplied Receiving Water: Port Talbot Docks **Status: Consent expired** Positional Accuracy: Located by supplier to within 100m	A13SW (S)	0	2	277000 188600
2	**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 Environment: Not Supplied Receiving Water: The Culverted River Ffrwdwyllt **Status: Consent expired** Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	26	2	277130 188850
2	**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 Environment: Not Supplied Receiving Water: Ffrwdwyllt **Status: Consent expired** Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	26	2	277130 188850

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	**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 Environment: Not Supplied Receiving Water: Port Talbot Dock **Status: Revoked and replaced by IPC Authorisation** Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	35	2	276900 188600
3	**Discharge Consents** Operator: Britsh 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 Environment: Not Supplied Receiving Water: Port Talbot Dock **Status: Revoked and replaced by IPC Authorisation** Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	35	2	276900 188600
3	**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 Environment: Not Supplied Receiving Water: Port Talbot Dock **Status: Consent expired** Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	35	2	276900 188600
3	**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 Environment: Not Supplied Receiving Water: Port Talbot Docks **Status: Consent expired** Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	35	2	276900 188600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	**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 Environment: Not Supplied Receiving Water: Port Talbot Dock **Status: Authorisation revoked** Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	35	2	276900 188600
4	**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 Environment: Not Supplied Receiving Water: Ffrwdwyllt **Status: Consent expired** Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	39	2	277100 188910
5	**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 Environment: Not Supplied Receiving Water: River Ffrwdwyllt **Status: Consent expired** Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	83	2	276900 188900
6	**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 Environment: Freshwater Stream/River 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	A13NW (NW)	100	2	276900 189000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	**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 Environment: Not Supplied Receiving Water: River Ffrwdwyllt (Tidal) **Status: Authorisation revoked** Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	100	2	276900 189000
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 Environment: Not Supplied Receiving Water: Port Talbot Docks **Status: Consent expired** Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	133	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 Environment: Not Supplied Receiving Water: Port Talbot Docks **Status: Consent expired** Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	133	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: Bp0055711 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge Environment: Not Supplied Receiving Water: Port Talbot Docks **Status: Consent expired** Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	133	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: Bp0055724 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge Environment: Not Supplied Receiving Water: Port Talbot Docks **Status: Consent expired** Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	133	2	276800 188600
8	**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 Environment: Not Supplied Receiving Water: Port Talbot Docks **Status: Consent expired** Positional Accuracy: Located by supplier to within 100m	A13SW (W)	248	2	276700 188700
8	**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 Environment: Controlled Sea 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	A13SW (W)	259	2	276690 188709
9	**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 Environment: Not Supplied Receiving Water: Soakaway **Status: Consent expired** Positional Accuracy: Located by supplier to within 10m	A18SW (N)	294	2	276830 189210

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	**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 Environment: Not Supplied Receiving Water: To Land **Status: Consent expired** Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	323	2	276700 189100
11	**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 Environment: Not Supplied Receiving Water: Phoenix Wharf Docks **Status: Consent expired** Positional Accuracy: Located by supplier to within 100m	A12SE (W)	347	2	276600 188700
11	**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 Environment: Not Supplied Receiving Water: Phoenix Wharf Docks **Status: Authorisation revoked** Positional Accuracy: Located by supplier to within 100m	A12SE (W)	347	2	276600 188700
12	**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 Environment: Freshwater Stream/River Receiving Water: Arnallt Brook **Status: Effective** Positional Accuracy: Located by supplier to within 10m	A8NE (S)	396	2	277186 188236

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	**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 Environment: Freshwater Stream/River Receiving Water: Arnallt Brook **Status: Effective** Positional Accuracy: Located by supplier to within 10m	A8NE (S)	396	2	277186 188236
13	**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 Environment: Not Supplied Receiving Water: Port Talbot Docks **Status: Consent expired** Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	458	2	276600 189200
13	**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 Environment: Not Supplied Receiving Water: Port Talbot Docks **Status: Consent expired** Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	458	2	276600 189200
13	**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 Environment: Not Supplied Receiving Water: Port Talbot Docks **Status: Consent expired** Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	458	2	276600 189200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	**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 Environment: Controlled Sea Receiving Water: Port Talbot Docks **Status: Effective** Positional Accuracy: Located by supplier to within 100m	A12NE (W)	462	2	276500 188800
14	**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 Environment: Controlled Sea Receiving Water: Port Talbot Docks **Status: Effective** Positional Accuracy: Located by supplier to within 100m	A12NE (W)	462	2	276500 188800
14	**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 Environment: Not Supplied Receiving Water: Port Talbot Docks **Status: Authorisation revoked** Positional Accuracy: Located by supplier to within 100m	A12NE (W)	462	2	276500 188800
14	**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 Environment: Not Supplied Receiving Water: Port Talbot Docks **Status: Consent expired** Positional Accuracy: Located by supplier to within 100m	A12NE (W)	462	2	276500 188800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	**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 Environment: Not Supplied Receiving Water: Port Talbot Docks **Status: Consent expired** Positional Accuracy: Located by supplier to within 100m	A12NE (W)	462	2	276500 188800
14	**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 Environment: Not Supplied Receiving Water: Port Talbot Docks **Status: Consent expired** Positional Accuracy: Located by supplier to within 100m	A12NE (W)	462	2	276500 188800
14	**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 Environment: Not Supplied Receiving Water: Port Talbot Docks **Status: Consent expired** Positional Accuracy: Located by supplier to within 100m	A12NE (W)	462	2	276500 188800
14	**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 Environment: Not Supplied Receiving Water: Port Talbot Docks **Status: Consent expired** Positional Accuracy: Located by supplier to within 100m	A12NE (W)	462	2	276500 188800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	**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 Environment: Not Supplied Receiving Water: Port Talbot Docks **Status: Authorisation revoked** Positional Accuracy: Located by supplier to within 100m	A12NE (NW)	493	2	276500 189000
16	**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 Environment: Not Supplied Receiving Water: Port Talbot Docks **Status: Consent expired** Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	516	2	276600 189300
16	**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 Environment: Not Supplied Receiving Water: Port Talbot Docks **Status: Consent expired** Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	516	2	276600 189300
17	**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 Environment: Freshwater Stream/River Receiving Water: Port Talbot Docks **Status: Effective** Positional Accuracy: Located by supplier to within 100m	A12NE (W)	560	2	276400 188800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	**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 Environment: Freshwater Stream/River Receiving Water: Port Talbot Docks **Status: Effective** Positional Accuracy: Located by supplier to within 100m	A12NE (W)	560	2	276400 188800
17	**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 Environment: Not Supplied Receiving Water: Port Talbot Docks **Status: Authorisation revoked** Positional Accuracy: Located by supplier to within 100m	A12NE (W)	560	2	276400 188800
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: Bp0055715 Permit Version: 1 Effective Date: 18th September 1987 Issued Date: 18th September 1987 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge Environment: Not Supplied Receiving Water: Port Talbot Docks **Status: Consent expired** Positional Accuracy: Located by supplier to within 100m	A12NE (W)	576	2	276400 188900
19	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Swo.North St.Footbridge Pt.Tal Authority: Natural Resources Wales Catchment Area: River Afan Reference: Bw0203101 Permit Version: 1 Effective Date: 27th October 1952 Issued Date: 27th October 1952 Revocation Date: 14th March 1994 Discharge Type: Unspecified Discharge Environment: Not Supplied Receiving Water: River Ffrwdwyllt **Status: Consent expired** Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	585	2	277510 189270

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Staions Location: Cso 123 At Margam Pumping Station, Opposite Brombil Street, Margam, Port Talbot, Sa13 1nd Authority: Natural Resources Wales Catchment Area: FFRWD WYLLT - HEADWATERS TO TIDAL LIMIT Reference: Bp0046202 Permit Version: 3 Effective Date: 14th March 2022 Issued Date: 14th March 2022 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Culverted Section Of Arnallt Brook **Status:** **Effective** Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	625	2	277630 188347
20	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Staions Location: Cso 123 At Margam Pumping Station, Opposite Brombil Street, Margam, Port Talbot, Sa13 1nd Authority: Natural Resources Wales Catchment Area: FFRWD WYLLT - HEADWATERS TO TIDAL LIMIT Reference: Bp0046202 Permit Version: 3 Effective Date: 14th March 2022 Issued Date: 14th March 2022 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Culverted Section Of Arnallt Brook **Status:** **Effective** Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	625	2	277630 188347
20	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Station - Water Company Location: Margam Ps Nr.Brombil St Authority: Natural Resources Wales Catchment Area: Arnallt Brook Reference: BP0046202 Permit Version: 1 Effective Date: 20th August 1987 Issued Date: 20th August 1987 Revocation Date: 31st March 2004 Discharge Type: Unspecified Discharge Environment: Not Supplied Receiving Water: Groeswen Brook / Arnallt Brook **Status:** **New Consent, by Application (Water Resources Act 1991, Section 88)** Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	628	2	277630 188340
21	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewage Disposal Works Location: Glandyrrryn Close Cso Port Talbot, Opp 28, Conduit Place (Across Heol Carodog), Taibach, Port Talbot, Sa13 2tt Authority: Natural Resources Wales Catchment Area: FFRWD WYLLT - HEADWATERS TO TIDAL LIMIT Reference: Bp0359301 Permit Version: 2 Effective Date: 17th December 2019 Issued Date: 17th December 2019 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Ffrwd Wyllt **Status:** **Effective** Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	656	2	277533 189351

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewage Disposal Works Location: Glandyrrryn Close Cso Port Talbot, Glandyffryn Close Cso, Neath Port Talbot, Wales, Sa13 2ub Authority: Natural Resources Wales Catchment Area: FFRWD WYLLT - HEADWATERS TO TIDAL LIMIT Reference: Bp0359301 Permit Version: 1 Effective Date: 28th February 2007 Issued Date: 28th February 2007 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Ffrwd Wyllt **Status: Effective** Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	656	2	277533 189351
21	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewage Disposal Works Location: Glandyrrryn Close Cso Port Talbot, Glandyffryn Close Cso, Neath Port Talbot, Wales, Sa13 2ub Authority: Natural Resources Wales Catchment Area: FFRWD WYLLT - HEADWATERS TO TIDAL LIMIT Reference: Bp0359301 Permit Version: 1 Effective Date: 28th February 2007 Issued Date: 28th February 2007 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Ffrwd Wyllt **Status: Effective** Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	656	2	277533 189351
22	**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 Environment: Not Supplied Receiving Water: Port Talbot Docks **Status: Consent expired** Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	657	2	276500 189400
23	**Discharge Consents** Operator: Britsh 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: 1 Effective Date: 16th September 1987 Issued Date: 16th September 1987 Revocation Date: 4th March 1993 Discharge Type: Unspecified Discharge Environment: Not Supplied Receiving Water: Port Talbot Dock **Status: Authorisation revoked** Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	739	2	277600 189400

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: 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 Environment: Not Supplied Receiving Water: Port Talbot Docks **Status: Consent expired** Positional Accuracy: Located by supplier to within 100m	A12NW (NW)	806	2	276200 189100
25	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Swo. Brombil& Prince St M Authority: Natural Resources Wales Catchment Area: Arnallt Brook Reference: BW0202201 Permit Version: 1 Effective Date: 20th October 1989 Issued Date: 20th October 1989 Revocation Date: 31st March 2004 Discharge Type: Unspecified Discharge Environment: Not Supplied Receiving Water: River Afan **Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	846	2	277800 188200
26	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Taibach Tan Y Groes Road Bridgend Authority: Natural Resources Wales Catchment Area: Not Given Reference: BP0240101 Permit Version: 1 Effective Date: 21st July 1994 Issued Date: 21st July 1994 Revocation Date: 31st March 2003 Discharge Type: Unspecified Discharge Environment: Not Supplied Receiving Water: Ffwdwyllt **Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 100m	A19NW (NE)	856	2	277630 189540
27	**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 Environment: Not Supplied Receiving Water: Port Talbot Docks **Status: Consent expired** Positional Accuracy: Located by supplier to within 100m	A12NW (W)	856	2	276100 188800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	**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	A12SE (W)	272	3	276675 188697
29	**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	A18NW (N)	712	3	276864 189667
29	**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	A18NW (N)	712	3	276864 189667
29	**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	A18NW (N)	712	3	276864 189667
29	**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	A18NW (N)	712	3	276864 189667
30	**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	A17NE (NW)	775	3	276398 189462

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	**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	A12SE (W)	265	3	276670 188620
32	**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: Bl5636if 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	A18NW (N)	712	2	276864 189667
33	**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	A12NW (W)	689	4	276274 188828
34	**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	A8SW (S)	555	4	277025 188010
35	**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	A18NW (N)	611	4	276821 189553
36	**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	A17SE (NW)	664	4	276479 189385

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	**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	A12NW (W)	689	4	276274 188828
38	**Local Authority Pollution Prevention and Controls** Name: Margam Motors Location: Prince Street, Margam, PORT TALBOT, West Glamorgan, SA13 1NB Authority: Neath Port Talbot County Borough Council, Environmental Health Department Permit Reference: E3/1/15 Dated: 16th February 1995 Process Type: Local Authority Air Pollution Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input **Status: Authorised** Positional Accuracy: Automatically positioned to the address	A9NE (SE)	703	4	277707 188324
	Nearest Surface Water Feature	A13SW (S)	0	-	276929 188567
39	**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	A13NW (W)	165	3	276800 188800
40	**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	A13NE (NE)	196	3	277300 188895
40	**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	A13NE (NE)	199	3	277300 188900
41	**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	A8NE (SE)	332	3	277300 188400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
42	**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	A17SE (NW)	509	3	276605 189295
42	**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	A17SE (NW)	513	3	276600 189295
42	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Llewelyns 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	A17SE (NW)	513	3	276605 189300
42	**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	A17SE (NW)	516	3	276600 189300
43	**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	A18SW (NW)	524	3	276700 189400
44	**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	A18NW (N)	609	3	276700 189500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
45	**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	A18NW (N)	633	3	276750 189550
46	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Margam British Rail Yards, Porthcawl Road Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Not Supplied Incident Date: 15th December 1991 Incident Reference: 1666 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	A9SW (SE)	774	3	277500 188000
47	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Wildmill Estate, PORT TALBOT Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Inadequate Design/Capacity Incident Date: 25th September 1995 Incident Reference: 26060 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	A19NW (NE)	948	3	277700 189600
48	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, Welsh Region Pollutant: Mud/Clay/Soil Note: Natural Causes Incident Date: 20th March 1996 Incident Reference: 27790 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Leachate Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19NW (NE)	952	3	277600 189700
49	**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	A13NW (NW)	294	3	276704 189014
50	**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	A17NE (N)	739	3	276665 189628

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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	A13SW (S)	0	3	277007 188699
	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	A13SW (S)	0	3	277007 188699
51	**River Quality Chemistry Sampling Points** Name: Ffrwdwyllt Reach: Docks Enterance 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	A13NE (NE)	165	3	277244 188929

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
51	**River Quality Chemistry Sampling Points** Name: Ffrwdwyllt 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	A13NE (NE)	165	3	277244 188929

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
51	**River Quality Chemistry Sampling Points** Name: Ffrwdwyllt 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	A13NE (NE)	165	3	277244 188929
52	**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	A13SE (S)	181	2	277110 188453
53	**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	A13SW (SW)	189	2	276751 188504

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
54	**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	A14SW (E)	294	2	277404 188711
55	**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	A8SE (S)	619	2	277098 187960
56	**Substantiated Pollution Incident Register** Authority: Natural Resources Wales Incident Date: 8th January 2014 Incident Reference: 1191891 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: Other Pollutant: Noise	A9NW (SE)	692	2	277684 188305
57	**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	A17NE (NW)	797	2	276597 189657
58	**Substantiated Pollution Incident Register** Authority: Natural Resources Wales Incident Date: 26th April 2019 Incident Reference: 1902676 Water Impact: Category 4 - No Impact Air Impact: Category 3 - Minor Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Atmospheric Pollutants And Effects: Other Atmospheric Pollutant Or Effect	A9SW (SE)	946	2	277453 187754
59	**Substantiated Pollution Incident Register** Authority: Natural Resources Wales Incident Date: 28th February 2019 Incident Reference: 1901284 Water Impact: Category 4 - No Impact Air Impact: Category 3 - Minor Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Atmospheric pollutants and Effects: Noise	A9NE (E)	977	2	278026 188388
60	**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	A13NW (N)	22	3	276967 188933

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
61	**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	A13SW (SW)	42	3	276890 188585
61	**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	A13SW (SW)	43	2	276890 188590
61	**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	A13SW (SW)	43	2	276890 188590
61	**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	A13SW (SW)	43	3	276890 188590

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
61	**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	A13SW (SW)	43	2	276890 188590
61	**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	A13SW (SW)	43	2	276890 188590
62	**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	A13NE (NE)	51	3	277150 188865
62	**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	A13NE (NE)	54	2	277150 188870

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
62	**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	A13NE (NE)	54	2	277150 188870
62	**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	A13NE (NE)	54	3	277150 188870
62	**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	A13NE (NE)	54	2	277150 188870
62	**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	A13NE (NE)	54	2	277150 188870

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
63	**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	A12NW (W)	728	3	276240 188860
63	**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	A12NW (W)	728	3	276240 188860
63	**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	A12NW (W)	728	3	276240 188860
63	**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	A12NW (W)	741	2	276230 188880

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
63	**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	A12NW (W)	741	3	276230 188880
63	**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	A12NW (W)	741	3	276230 188880
63	**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	A12NW (W)	741	2	276230 188880
	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	A4NE (SE)	1225	3	277820 187673

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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	A17NW (NW)	1228	2	276054 189756
	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	A16NE (NW)	1243	3	275980 189685
	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	A16NE (NW)	1246	2	275980 189690
	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	A16NE (NW)	1246	2	275980 189690

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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	A16NE (NW)	1246	3	275980 189690
	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	A16NE (NW)	1246	2	275980 189690
	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	A16NE (NW)	1246	2	275980 189690
64	**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	A13SW (W)	238	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 Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: High	A13SW (W)	0	2	277000 188756

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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 Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: High	A13SW (NE)	0	2	277007 188756
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SW (NE)	0	2	277007 188756
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13SW (NE)	0	2	277007 188756
	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	A13SW (SW)	0	2	276948 188687
	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	A13SW (SW)	0	2	276942 188650
	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	A13SW (SW)	0	2	276934 188595
	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	A13SW (SW)	0	2	276935 188594
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13NW (N)	0	2	276985 188914
	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	A13SW (SW)	0	2	276939 188628
	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	A13SW (W)	0	2	276960 188755
	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	A13SW (W)	0	2	276958 188739
	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	A13SW (SW)	0	2	276949 188691
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13NW (W)	0	2	276962 188767
	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	A13SW (SW)	0	2	276954 188721
	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	A13SW (SW)	0	2	276945 188668

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	A13SW (SW)	0	2	276936 188609
	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	A13SW (SW)	0	2	276943 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	A13SW (SW)	0	2	276940 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	A13SW (SW)	0	2	276943 188654
	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	A13SW (SW)	0	2	276934 188602
	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	A13SW (SW)	0	2	276952 188707
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13NW (NW)	0	2	276972 188838
	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	A13NW (W)	0	2	276961 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	A13SW (NE)	0	2	277007 188756
	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	A13SW (SW)	0	2	276940 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	A13SW (SW)	0	2	276936 188610
	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	A13SW (SW)	0	2	276935 188604
	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	A13SW (SW)	1	2	276928 188568
	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	A13SW (SW)	1	2	276939 188629
	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	A13SW (SW)	1	2	276952 188710
	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	A13SW (SW)	1	2	276943 188655

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	A13SW (SW)	2	2	276954 188724
	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	A13SW (W)	2	2	276957 188743
	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	A13NW (W)	2	2	276960 188764
	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	A13SW (SW)	2	2	276945 188669
	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	A13SW (SW)	4	2	276925 188567
	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	A13SW (SW)	6	2	276918 188572
	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	A13SW (SW)	14	2	276916 188573
	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	A13SE (S)	21	2	277028 188592
	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	A13SW (SW)	44	2	276887 188588
	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	A13SW (SW)	48	2	276874 188604
	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	A13SW (SW)	87	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	A13SW (SW)	89	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: Tidal Models Boundary Accuracy: As Supplied	A13SW (SW)	99	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	A13SW (SW)	105	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: Tidal Models Boundary Accuracy: As Supplied	A13SW (SW)	114	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: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	120	2	276820 188636

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	A13SW (SW)	121	2	276819 188639
	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	A13SW (SW)	126	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	A13SW (SW)	135	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	A13SW (SW)	139	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	A13SW (SW)	147	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	A13NW (NW)	164	2	276852 189051
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13NW (NW)	164	2	276857 189057
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13NW (NW)	167	2	276850 189051
	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	A13NW (NW)	171	2	276846 189051
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13NW (NW)	171	2	276842 189048
	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	A13NW (NW)	178	2	276834 189045
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13NW (NW)	181	2	276821 189036
	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	A13NW (NW)	182	2	276812 188993
	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	A13SW (W)	185	2	276763 188703
	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	A13SW (W)	185	2	276761 188683
	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	A13NW (NW)	186	2	276801 188977

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	A13NW (NW)	187	2	276807 188987
	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	A13NW (NW)	187	2	276816 189032
	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	A13NW (NW)	187	2	276808 188989
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13NW (NW)	188	2	276809 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	A13NW (NW)	188	2	276808 188992
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13NW (NW)	189	2	276810 189024
	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	A13SW (W)	189	2	276758 188687
	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	A13NW (NW)	190	2	276807 189007
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13NW (NW)	191	2	276809 189009
	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	A13NW (NW)	191	2	276807 189016
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13NW (NW)	192	2	276797 188965
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13NW (NW)	192	2	276799 188972
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13NW (NW)	192	2	276807 189013
	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	A13NW (NW)	192	2	276807 189011
	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	A13NW (NW)	193	2	276798 188970
	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	A13SW (W)	208	2	276741 188704

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	A13SW (W)	210	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: Tidal Models Boundary Accuracy: As Supplied	A13SW (W)	213	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	A13SW (W)	214	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	A13NW (NW)	216	2	276772 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	A13NW (NW)	217	2	276771 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	A13SW (W)	222	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	A13SW (W)	228	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	A13NW (NW)	234	2	276762 188993
	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	A13SW (W)	236	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: Fluvial Models Boundary Accuracy: As Supplied	A13SW (W)	239	2	276711 188711
	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	A13NW (W)	0	2	276962 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	A13NW (N)	0	2	276983 188911
	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	A13SW (SW)	0	2	276934 188602
	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	A13SW (SW)	0	2	276945 188668
	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	A13SW (SW)	0	2	276948 188687
	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	A13SW (SW)	0	2	276939 188628

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	A13SW (SW)	0	2	276943 188654
	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	A13SW (SW)	0	2	276952 188707
	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	A13SW (SW)	0	2	276954 188721
	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	A13SW (W)	0	2	276958 188739
	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	A13SW (W)	0	2	276960 188755
	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	A13NW (NW)	0	2	276970 188835
	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	A13NW (W)	0	2	276961 188768
	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	A13SW (SW)	0	2	276935 188604
	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	A13SW (NE)	0	2	277007 188756
	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	A13SW (SW)	1	2	276928 188568
	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	A13SW (SW)	1	2	276939 188629
	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	A13SW (SW)	1	2	276943 188655
	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	A13SW (SW)	1	2	276952 188710
	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	A13SW (SW)	2	2	276945 188669
	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	A13SW (SW)	2	2	276947 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	A13SW (SW)	2	2	276954 188724

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	A13SW (W)	2	2	276957 188743
	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	A13NW (W)	2	2	276960 188764
	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	A13SW (SW)	4	2	276925 188567
	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	A13SW (SW)	6	2	276918 188572
	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	A13SW (SW)	14	2	276901 188583
	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	A13SW (SW)	31	2	276900 188584
	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	A13SW (SW)	34	2	276896 188583
	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	A13SW (SW)	48	2	276874 188604
	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	A13SW (SW)	70	2	276862 188609
	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	A13SW (SW)	76	2	276859 188609
	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	A13NW (NW)	82	2	276912 188970
	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	A13SW (SW)	87	2	276850 188616
	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	A13SW (SW)	91	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	A13NW (NW)	94	2	276900 188975
	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	A13NW (NW)	98	2	276898 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	A13NW (NW)	98	2	276898 188987

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	A13SW (SW)	99	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	A13NW (NW)	99	2	276898 188990
	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	A13NW (NW)	99	2	276898 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	A13NW (NW)	101	2	276896 188994
	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	A13SW (SW)	105	2	276834 188628
	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	A13NW (NW)	114	2	276889 189010
	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	A13SW (SW)	114	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	A13SW (SW)	120	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	A13SW (SW)	121	2	276819 188639
	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	A13SW (SW)	129	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	A13SW (SW)	135	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	A13SW (SW)	142	2	276799 188651
	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	A13NW (NW)	145	2	276872 189045
	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	A13SW (SW)	147	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	A13NW (NW)	150	2	276868 189049
	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	A13NW (NW)	163	2	276854 189052

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	A13NW (NW)	163	2	276864 189065
	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	A13NW (NW)	164	2	276857 189057
	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	A13NW (NW)	164	2	276856 189055
	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	A13NW (NW)	165	2	276852 189051
	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	A13NW (NW)	166	2	276858 189064
	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	A13NW (NW)	167	2	276850 189051
	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	A13NW (NW)	171	2	276842 189048
	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	A13NW (NW)	171	2	276846 189051
	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	A13NW (NW)	178	2	276834 189045
	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	A13NW (NW)	181	2	276821 189036
	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	A13NW (NW)	182	2	276812 188993
	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	A13SW (W)	185	2	276761 188683
	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	A13SW (W)	185	2	276763 188703
	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	A13NW (NW)	186	2	276808 188992
	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	A13NW (NW)	186	2	276804 188980
	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	A13SW (W)	187	2	276759 188690

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	A13NW (NW)	187	2	276807 188987
	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	A13NW (NW)	187	2	276819 189034
	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	A13NW (NW)	187	2	276808 188989
	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	A13NW (NW)	188	2	276810 189024
	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	A13NW (NW)	188	2	276786 188950
	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	A13NW (NW)	188	2	276809 189003
	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	A13NW (NW)	190	2	276807 189007
	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	A13NW (NW)	191	2	276809 189009
	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	A13NW (NW)	191	2	276807 189016
	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	A13NW (NW)	192	2	276807 189013
	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	A13NW (NW)	192	2	276807 189011
	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	A13SW (W)	208	2	276741 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	A13SW (W)	210	2	276740 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	A13SW (W)	213	2	276736 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	A13SW (W)	214	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	A13SW (W)	220	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	A13SW (W)	233	2	276717 188711
	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	A13SW (W)	236	2	276714 188710
	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	A13SW (W)	240	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	A13SW (W)	247	2	276704 188716
	Areas Benefiting from Flood Defences Type: Area Benefiting from Flood Defences Boundary Accuracy: As Supplied	A13SW (NE)	0	2	277007 188756
	Flood Water Storage Areas None				
	Flood Defences Type: Flood Defences Reference: Not Supplied	A13NE (NE)	49	2	277140 188878
	Flood Defences Type: Flood Defences Reference: Not Supplied	A13NE (NE)	51	2	277139 188882
	Flood Defences Type: Flood Defences Reference: Not Supplied	A13NE (NE)	142	2	277224 188920
65	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 313.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ffrwd Wyllt Catchment Name: Afan Primacy: 1	A13NE (NE)	43	5	277137 188882
66	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ffrwd Wyllt Catchment Name: Afan Primacy: 1	A13NE (NE)	48	5	277137 188882
67	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 99.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ffrwd Wyllt Catchment Name: Afan Primacy: 1	A13NE (NE)	49	5	277138 188882
68	**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	A13SW (W)	107	5	276817 188690
69	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 352.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ffrwd Wyllt Catchment Name: Afan Primacy: 1	A13NW (NW)	131	5	276820 188842

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
70	**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	A13NE (NE)	145	5	277229 188916
71	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 22.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ffrwd Wyllt Catchment Name: Afan Primacy: 1	A13NE (NE)	145	5	277229 188916
72	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 14.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ffrwd Wyllt Catchment Name: Afan Primacy: 1	A13NE (NE)	167	5	277246 188930
73	**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	A13NW (W)	176	5	276786 188778
74	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 301.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ffrwd Wyllt Catchment Name: Afan Primacy: 1	A13NE (NE)	181	5	277258 188939
75	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ffrwd Wyllt Catchment Name: Afan Primacy: 1	A19SW (NE)	463	5	277435 189172
76	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 411.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ffrwd Wyllt Catchment Name: Afan Primacy: 1	A19SW (NE)	464	5	277435 189173
77	**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	A7NE (SW)	565	5	276387 188409
78	**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	A19SW (NE)	570	5	277491 189269

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
79	**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	A7NE (SW)	603	5	276383 188312
80	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 381.6 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Afan Primacy: 1	A9NW (SE)	621	5	277629 188353
81	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 19.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Arnallt Brook Catchment Name: Afan Primacy: 1	A9NW (SE)	621	5	277629 188353
82	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 642.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Arnallt Brook Catchment Name: Afan Primacy: 1	A9NW (SE)	631	5	277632 188338
83	**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	A12NW (W)	651	5	276323 188889
84	**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	A8SW (S)	670	5	276723 187927
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	A12NW (W)	680	5	276292 188882
86	**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	A12NW (W)	693	5	276278 188879
87	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 339.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Afan Primacy: 1	A9NW (SE)	694	5	277545 188133

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
88	**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	A7SE (S)	700	5	276666 187917
89	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 669.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ffrwd Wyllt Catchment Name: Afan Primacy: 1	A12NW (W)	709	5	276280 188986
90	**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	A12NW (W)	709	5	276280 188986
91	**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	A12NW (W)	726	5	276243 188870
92	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 28.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Afan Primacy: 1	A14NE (E)	730	5	277844 188929
93	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Afan Primacy: 1	A14NE (E)	732	5	277856 188821
94	**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	A7NW (SW)	737	5	276274 188229
95	**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	A12NW (W)	739	5	276230 188867
96	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 3.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Afan Primacy: 1	A14NE (E)	758	5	277873 188930

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
97	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 11.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Afan Primacy: 1	A14NE (E)	760	5	277875 188928
98	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 3.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Afan Primacy: 1	A14NE (E)	760	5	277875 188928
99	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Afan Primacy: 1	A14NE (E)	764	5	277879 188929
100	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Afan Primacy: 1	A14NE (E)	768	5	277885 188921
101	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 157.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Afan Primacy: 1	A19NW (NE)	841	5	277617 189532
102	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 297.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ffrwd Wyllt Catchment Name: Afan Primacy: 1	A19NW (NE)	841	5	277617 189532
103	**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	A7NW (SW)	894	5	276091 188256
104	**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	A7NW (SW)	903	5	276081 188258
105	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 116.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Afan Primacy: 1	A14SE (E)	913	5	278005 188562

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
106	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 188.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Afan Primacy: 1	A19NE (NE)	919	5	277768 189483
107	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 12.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Afan Primacy: 1	A9NE (SE)	981	5	278010 188325
108	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 24.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Afan Primacy: 1	A9NE (SE)	992	5	278022 188326
109	**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	A7SE (SW)	994	5	276359 187751

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
110	**Licensed Waste Management Facilities (Locations)** Licence Number: PAN-003931 Location: Tata Steel, Tata Steel, Abbey Works, Margam, Port Talbot, SA13 2NG Operator Name: Celtic Technologies Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Mobile Plant for remediation of land **Licence Status: Effective** Issued: 21st January 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	A13SE (SE)	235	2	277236 188473
111	**Licensed Waste Management Facilities (Locations)** Licence Number: JP3598FX Location: Port Talbot, N P T, 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	A13NW (NW)	248	2	276746 188983
111	**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	A13NW (NW)	248	2	276746 188983
112	**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	A12NE (NW)	316	2	276680 189000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
112	**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	A12NE (NW)	316	2	276680 189000
113	**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	A14SW (SE)	425	2	277470 188473
114	**Licensed Waste Management Facilities (Locations)** Licence Number: JB3932AF Location: Harbour Way Project, Port Talbot, West Glamorgan, Neath Port Talbot, SA13 1RE Operator Name: Costain Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Use of waste in construction <50,000 tps **Licence Status: Surrendered** Issued: 7th August 2012 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 3rd January 2014 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	872	2	277640 187980
	Local Authority Landfill Coverage Name: Neath Port Talbot County Borough Council - Has supplied landfill data		0	4	277007 188756
115	**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	A7SE (SW)	931	4	276400 187800
116	**Potentially Infilled Land (Non-Water)** Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A13SE (SE)	288	-	277350 188529
117	**Potentially Infilled Land (Non-Water)** Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A18NE (N)	711	-	277276 189620
118	**Potentially Infilled Land (Non-Water)** Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A18NE (N)	740	-	277331 189625

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
119	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A13SW (NE)	0	-	277007 188756
120	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A13SW (S)	0	-	276971 188632
121	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A13SW (SE)	0	-	277024 188730
122	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A13SW (S)	0	-	276992 188595
123	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A13NE (NE)	0	-	277046 188848
124	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A13SW (SW)	8	-	276881 188610
125	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A13SE (E)	45	-	277131 188709
126	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A13NW (NW)	46	-	276886 188884
127	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A8NE (S)	264	-	277043 188313
128	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A8NW (SW)	313	-	276743 188314
129	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A8NE (SE)	333	-	277280 188384
130	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A7NE (SW)	516	-	276648 188132
131	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A7NE (SW)	517	-	276638 188138
132	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A18SW (N)	518	-	276758 189428
133	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A8NE (SE)	521	-	277271 188139
134	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A17SE (NW)	526	-	276667 189378
135	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A12SE (W)	545	-	276394 188674
136	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A12NE (W)	594	-	276378 188877
137	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A8SW (S)	614	-	276757 187975
138	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A9NW (SE)	620	-	277571 188266
139	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A9NW (SE)	620	-	277532 188224

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
140	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A9NW (SE)	631	-	277634 188340
141	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A9NW (SE)	666	-	277552 188177
142	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A8SW (S)	675	-	276789 187903
143	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A7NW (SW)	682	-	276326 188248
144	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A9NE (SE)	741	-	277706 188248
145	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A8SW (S)	781	-	276723 187810
146	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A8SW (S)	799	-	276703 187798
147	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A9SW (SE)	806	-	277489 187951
148	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A7SE (S)	809	-	276689 187792
149	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A9SW (SE)	844	-	277647 188024
150	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A9SW (SE)	848	-	277677 188046
151	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A9NE (SE)	862	-	277753 188108
152	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A9NE (SE)	868	-	277753 188099
153	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A3NW (S)	911	-	276985 187649
154	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A3NE (S)	913	-	277176 187676
155	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A3NW (S)	932	-	276748 187648
156	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A3NW (S)	934	-	276768 187642
157	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A2NE (SW)	950	-	276455 187742
158	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A7SE (SW)	950	-	276426 187759
159	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A9SE (SE)	951	-	277728 187953
160	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A7SE (SW)	952	-	276390 187781

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
161	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A3NE (S)	976	-	277214 187621
162	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A3NE (S)	980	-	277047 187585
163	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A17SW (NW)	990	-	276046 189250

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
164	**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 reportUnknown** Positional Accuracy: Manually positioned within the geographical locality	A3NW (S)	969	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	A13SW (NE)	0	1	277007 188756
	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	A13SW (NE)	0	1	277007 188756
	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	A13NE (NE)	188	1	277221 189000
	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	A13NE (NE)	189	1	277242 188978
	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	A8NW (SW)	270	1	276765 188349
	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	A18SW (N)	332	1	277000 189298
	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	A7NE (SW)	393	1	276631 188302

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 Concentration: 35 - 45 mg/kg Cadmium Concentration: 1.8 - 2.2 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A14NW (NE)	422	1	277500 189000
	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: 15 - 30 mg/kg	A14NE (E)	583	1	277710 188841
	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 - 2.2 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14NW (E)	584	1	277676 189000
	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 - 2.2 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A14NW (NE)	617	1	277673 189089
	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	A14NE (E)	619	1	277742 188846
	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	A18NE (NE)	665	1	277343 189533

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 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	A7SE (SW)	680	1	276552 188000
	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	A19NW (NE)	851	1	277605 189558
	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	A14SE (E)	884	1	278000 188638
	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	A2NE (S)	923	1	276626 187693
	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	A11SE (W)	930	1	276000 188756
	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	A14SE (E)	935	1	278000 188457

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 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	A24SW (N)	954	1	277392 189834
	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: 15 - 30 mg/kg	A24SW (NE)	980	1	277550 189778
	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: 15 - 30 mg/kg	A19NE (NE)	988	1	277845 189500
165	**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	A12NW (W)	671	1	276290 188815
166	**BGS Recorded Mineral Sites** Site Name: Gwar-Y-Caeau Location: Port Talbot, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 156667 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Llynfi Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A18NE (N)	707	1	277281 189613
167	**BGS Recorded Mineral Sites** Site Name: Taibach Quarry Location: Taibach, Port Talbot, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 16826 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rhondda Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A14NE (E)	806	1	277930 188790

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
168	**BGS Recorded Mineral Sites** Site Name: Tir Caradoc Location: Port Talbot, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 156679 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Llynfi Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	877	1	277842 189317
169	**BGS Recorded Mineral Sites** Site Name: Taibach Quarries Location: Taibach, Port Talbot, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 245985 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rhondda Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A14SE (E)	882	1	277995 188666
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages Source: British Geological Survey, National Geoscience Information Service Sample Area: Swansea Count Id: 368 Arsenic Minimum Concentration: 8.00 mg/kg Arsenic Average Concentration: 79.00 mg/kg Arsenic Maximum Concentration: 2161.00 mg/kg Cadmium Minimum Concentration: 0.10 mg/kg Cadmium Average Concentration: 2.90 mg/kg Cadmium Maximum Concentration: 61.90 mg/kg Chromium Minimum Concentration: 13.00 mg/kg Chromium Average Concentration: 72.00 mg/kg Chromium Maximum Concentration: 562.00 mg/kg Lead Minimum Concentration: 23.00 mg/kg Lead Average Concentration: 413.00 mg/kg Lead Maximum Concentration: 10000.00 mg/kg Nickel Minimum Concentration: 8.00 mg/kg Nickel Average Concentration: 52.00 mg/kg Nickel Maximum Concentration: 384.00 mg/kg	A18NW (N)	733	1	277000 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.	A13SW (NE)	0	7	277007 188756
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13SW (NE)	0	-	277007 188756
	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	A13SW (NE)	0	1	277007 188756

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	276959 188764
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (NE)	0	1	277007 188756
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	140	1	277226 188915
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (NE)	0	1	277007 188756
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (NE)	0	1	277007 188756
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (NE)	0	1	277007 188756
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	140	1	277226 188915
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	179	1	277258 188942
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	276959 188764
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (NE)	0	1	277007 188756
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	179	1	277258 188942
	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	A13SW (NE)	0	1	277007 188756
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SW (NE)	0	1	277007 188756

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
170	**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	A13SW (SW)	163	-	276773 188616
171	**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	A18SE (N)	190	-	277088 189132
172	**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	A18SE (N)	201	-	277082 189147
172	**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	A18SE (N)	230	-	277109 189165
172	**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	A18SE (N)	236	-	277092 189181
172	**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	A18SE (N)	239	-	277090 189185
173	**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	A18SE (N)	242	-	277086 189190
173	**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	A18SE (N)	288	-	277085 189240
173	**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	A18SE (N)	288	-	277085 189240
174	**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	A13NW (NW)	245	-	276755 189020
174	**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	A13NW (NW)	245	-	276755 189020
174	**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	A13NW (NW)	245	-	276755 189020

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
174	**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	A13NW (NW)	245	-	276755 189020
174	**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	A13NW (NW)	245	-	276755 189020
175	**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	A14NW (NE)	293	-	277394 188923
175	**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	A14NW (E)	299	-	277405 188911
176	**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	A18SW (N)	295	-	276824 189208
177	**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	A12SE (SW)	301	-	276629 188578
178	**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	A18SW (NW)	303	-	276731 189116
178	**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	A18SW (NW)	303	-	276731 189116
178	**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	A18SW (NW)	303	-	276731 189116
178	**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	A18SW (NW)	303	-	276731 189116
178	**Contemporary Trade Directory Entries** Name: K & J Pipeline Supplies Ltd Location: UNIT 7, LLEWELLYNS QUAY, PORT TALBOT, SA13 1RF Classification: Engineering Materials **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (NW)	311	-	276726 189125

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
179	**Contemporary Trade Directory Entries** Name: Runtech Hauliers Location: LLEWELLYNS QUAY, LLEWELLYNS ROAD, PORT TALBOT, SA13 1RF Classification: Road Haulage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	316	-	276691 189052
180	**Contemporary Trade Directory Entries** Name: Rhino Doors Location: Maritime Road, Llewellyns Quay, Port Talbot, West Glamorgan, SA13 1RF Classification: Door Manufacturers - Industrial **Status: Active** Positional Accuracy: Manually positioned to the address or location	A18SW (N)	333	-	276806 189241
180	**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	A18SW (NW)	372	-	276784 189273
180	**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	A18SW (NW)	372	-	276784 189273
180	**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	A18SW (NW)	372	-	276784 189273
181	**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	A18SE (N)	344	-	277181 189255
182	**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	A18SW (NW)	347	-	276691 189135
182	**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	A18SW (NW)	347	-	276691 189135
182	**Contemporary Trade Directory Entries** Name: Spraytech Location: UNIT 5, LLEWELLYNS QUAY, LLEWELLYNS ROAD, PORT TALBOT, SA13 1RF Classification: Car Body Repairs **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	351	-	276672 189105
182	**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	A17SE (NW)	361	-	276668 189122
182	**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	A17SE (NW)	361	-	276668 189122

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
182	**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	A17SE (NW)	362	-	276668 189122
182	**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	A17SE (NW)	362	-	276667 189121
183	**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	A12NE (NW)	356	-	276643 189023
184	**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	A14SW (E)	378	-	277474 188653
185	**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	A18SE (N)	378	-	277124 189322
186	**Contemporary Trade Directory Entries** Name: Lets Personalise It Location: 74, COMMERCIAL ROAD, TAIBACH, SA13 1LR Classification: T-Shirts **Status: Active** Positional Accuracy: Automatically positioned to the address	A14SW (E)	385	-	277506 188756
187	**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	A17SE (NW)	417	-	276654 189207
188	**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	A17SE (NW)	436	-	276689 189278
189	**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	A18SE (N)	451	-	277033 189416
190	**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	A14SW (E)	458	-	277545 188614
191	**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	A14SW (E)	479	-	277595 188717

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
192	**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	A18NW (N)	483	-	276923 189444
192	**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	A18NW (N)	483	-	276923 189444
192	**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	A18NW (N)	483	-	276923 189444
192	**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	A18NW (N)	483	-	276923 189444
193	**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	A18NW (N)	544	-	276908 189504
193	**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	A18NW (N)	553	-	276914 189514
193	**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	A18NW (N)	589	-	276879 189544
193	**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	A18NW (N)	593	-	276898 189552
193	**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	A18NW (N)	593	-	276898 189552
194	**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	A8SE (S)	560	-	277117 188026
195	**Contemporary Trade Directory Entries** Name: Evolve Electrical Engineering Location: 21, BROAD STREET, PORT TALBOT, SA13 1EW Classification: Electrical Engineers **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NE (N)	585	-	277043 189549

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
196	**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	A17SE (NW)	601	-	276572 189394
197	**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	A12SW (W)	605	-	276343 188728
197	**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	A12SW (W)	605	-	276343 188728
198	**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	A18NW (N)	611	-	276821 189553
198	**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	A18NW (N)	611	-	276821 189553
198	**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	A18NW (N)	611	-	276821 189553
199	**Contemporary Trade Directory Entries** Name: Steel Solutions Wales Location: 7, Mayfield Street, Port Talbot, West Glamorgan, SA13 1EY Classification: Metal Products - Fabricated **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NE (NE)	619	-	277340 189480
200	**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	A17NE (NW)	627	-	276634 189480
201	**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	A17SE (NW)	664	-	276479 189385
201	**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	A17SE (NW)	664	-	276479 189385
201	**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	A17SE (NW)	664	-	276479 189385

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
201	**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	A17SE (NW)	705	-	276454 189420
202	**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	A18NW (N)	672	-	276817 189614
203	**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	A17NE (NW)	678	-	276564 189491
204	**Contemporary Trade Directory Entries** Name: Margam Motors Location: Prince Street, Port Talbot, West Glamorgan, SA13 1NB Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9NE (SE)	703	-	277707 188324
205	**Contemporary Trade Directory Entries** Name: J C Motorcycles Location: 52, Margam Road, Port Talbot, West Glamorgan, SA13 2BW Classification: Cycle Accessories, Manufacturers & Wholesalers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9NE (SE)	715	-	277751 188393
206	**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	A17NE (NW)	730	-	276453 189456
207	**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	A18NW (N)	733	-	276863 189687
208	**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	A12NW (W)	735	-	276223 188801
208	**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	A12NW (W)	735	-	276223 188801
209	**Contemporary Trade Directory Entries** Name: M P G Tyres & Exhausts Ltd Location: Unit 16, Cramic Way, Port Talbot, West Glamorgan, SA13 1RU Classification: Tyre Repairs & Retreading **Status: Active** Positional Accuracy: Automatically positioned to the address	A17NE (N)	755	-	276668 189648
209	**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	A17NE (N)	755	-	276668 189648

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
209	**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	A17NE (N)	755	-	276668 189648
209	**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	A17NE (N)	777	-	276648 189662
209	**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	A17NE (N)	808	-	276663 189704
210	**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	A17NE (NW)	775	-	276397 189461
211	**Contemporary Trade Directory Entries** Name: Astra Service Centre Location: Oakwood Street, Port Talbot, West Glamorgan, SA13 1NF Classification: Mot Testing Centres **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	786	-	276863 189742
212	**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	A17NE (N)	810	-	276638 189694
212	**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	A17NE (N)	858	-	276612 189735
213	**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	A17NE (NW)	845	-	276552 189687
214	**Contemporary Trade Directory Entries** Name: Panel Match Location: 14, Station Road, Port Talbot, West Glamorgan, SA13 1JB Classification: Mobile Phone Accessories and Car Kits **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A23SW (N)	847	-	276749 189777
214	**Contemporary Trade Directory Entries** Name: Coloursmart Location: 20, Station Road, Port Talbot, West Glamorgan, SA13 1JB Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A23SW (N)	871	-	276749 189803
214	**Contemporary Trade Directory Entries** Name: Coloursmart Location: 18, Station Road, Port Talbot, West Glamorgan, SA13 1JB Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A23SW (N)	872	-	276749 189803

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
214	**Contemporary Trade Directory Entries** Name: Employment Solutions.Com Location: 24, Station Road, Port Talbot, West Glamorgan, SA13 1JB Classification: Reclaiming - Waste Products **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A23SW (N)	887	-	276730 189813
215	**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	A17NW (NW)	861	-	276279 189446
216	**Contemporary Trade Directory Entries** Name: Paul'S Tyres Location: 1 Courtland Building,Courtland Place, Port Talbot, West Glamorgan, SA13 1JJ Classification: Tyre Dealers **Status: Active** Positional Accuracy: Manually positioned to the address or location	A23SW (N)	865	-	276783 189805
217	**Contemporary Trade Directory Entries** Name: Town Tyre Services Location: Station Road, Port Talbot, West Glamorgan, SA13 1NW Classification: Tyre Dealers **Status: Active** Positional Accuracy: Automatically positioned to the address	A22SE (N)	905	-	276674 189814
218	**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	A17NE (NW)	917	-	276545 189766
219	**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	A12NW (W)	934	-	276062 189052
219	**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	A12NW (W)	940	-	276057 189055
220	**Contemporary Trade Directory Entries** Name: Sinclair Volkswagen Port Talbot Location: DAN-Y-BRYN ROAD, PORT TALBOT, SA13 1AL Classification: Car Dealers **Status: Active** Positional Accuracy: Automatically positioned to the address	A23SE (N)	944	-	277153 189897
220	**Contemporary Trade Directory Entries** Name: Sinclair Garages Ltd Location: Dan-y-Bryn Road, Port Talbot, West Glamorgan, SA13 1AL Classification: Car Dealers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A23SE (N)	960	-	277149 189914
221	**Contemporary Trade Directory Entries** Name: Sparks Fire Protection Location: Cornubia, Groeswen Lane, Port Talbot, West Glamorgan, SA13 2LA Classification: Firefighting Equipment **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9NE (E)	948	-	278004 188420
222	**Contemporary Trade Directory Entries** Name: 1st Class Furniture Location: Astra Business Park, Cramic Way, Port Talbot, West Glamorgan, SA13 1RU Classification: Furniture Manufacturers - Home & Office **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A22SE (NW)	982	-	276484 189806

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
223	**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	A13NE (NE)	271	-	277320 189008
224	**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	A18NW (N)	612	-	276821 189553
225	**Fuel Station Entries** Name: Sinclair Garage Location: Bridge Terrace Dan Y Bryn Road , , Port Talbot, Neath Port Talbot, SA13 1AL Brand: Obsolete Premises Type: Not Applicable **Status: Obsolete** Positional Accuracy: Automatically positioned to the address	A23SE (N)	960	-	277149 189914
226	**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	A18SE (N)	190	8	277088 189132
226	**Points of Interest - Commercial Services** Name: M R M Automotive Location: Welsh Transport Museum, Port Talbot, SA13 1LD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (N)	201	8	277082 189147
226	**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	A18SE (N)	217	8	277053 189175
226	**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	A18SE (N)	230	8	277109 189165
226	**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	A18SE (N)	230	8	277109 189165
227	**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	A13NW (NW)	296	8	276727 189094
227	**Points of Interest - Commercial Services** Name: Runtech Hauliers Location: Unit 5 Llewellyns Quay, Llewellyns Road, Port Talbot, SA13 1RF Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NW (NW)	316	8	276690 189052
227	**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	A17SE (NW)	351	8	276672 189105

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
228	**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	A14NW (E)	299	8	277405 188911
229	**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	A14SW (E)	378	8	277474 188653
229	**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	A14SW (E)	378	8	277474 188653
230	**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	A12NE (NW)	422	8	276589 189082
231	**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	A18SW (NW)	430	8	276693 189273
232	**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	A14SW (SE)	446	8	277491 188467
233	**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	A18SW (N)	461	8	276934 189423
234	**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	A18NW (N)	611	8	276821 189553
234	**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	A18NW (N)	612	8	276821 189553
235	**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	A17SE (NW)	664	8	276479 189385
236	**Points of Interest - Commercial Services** Name: Margam Motors Location: Prince Street, Port Talbot, SA13 1NB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9NE (SE)	703	8	277707 188324
236	**Points of Interest - Commercial Services** Name: Prince Street Garage Location: Prince Street, Margam, SA13 1NB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9NE (SE)	703	8	277707 188324

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
237	**Points of Interest - Commercial Services** Name: Smart Revolution Location: 46 Tanygroes Street, Port Talbot, SA13 1EE Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A18NE (N)	725	8	277137 189677
238	**Points of Interest - Commercial Services** Name: Astra Park Service Centre Ltd Location: Astra Service Centre, Oakwood Lane, Port Talbot, SA13 1DF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	742	8	276855 189695
239	**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	A17NE (N)	755	8	276668 189648
239	**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	A17NE (N)	755	8	276668 189648
239	**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	A17NE (N)	756	8	276668 189648
239	**Points of Interest - Commercial Services** Name: M P G Tyres & Exhausts Ltd 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	A17NE (N)	756	8	276668 189648
240	**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	A17NE (NW)	845	8	276552 189687
240	**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	A17NE (NW)	845	8	276552 189687
241	**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	A13SW (S)	0	8	276986 188674
241	**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	A13SW (S)	0	8	276987 188673
242	**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	A13SW (SW)	42	8	276892 188546
242	**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	A13SW (SW)	42	8	276892 188547

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
243	**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	A13SE (SE)	69	8	277154 188645
243	**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	A13SE (SE)	69	8	277154 188645
244	**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	A13SE (E)	94	8	277206 188746
245	**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	A13SE (S)	152	8	277033 188429
245	**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 (S)	206	8	277105 188413
245	**Points of Interest - Manufacturing and Production** Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8NE (S)	215	8	277106 188401
245	**Points of Interest - Manufacturing and Production** Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8NE (S)	220	8	277105 188394
245	**Points of Interest - Manufacturing and Production** Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8NE (S)	225	8	277104 188387
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	A18SE (N)	196	8	277076 189145
246	**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	A18SE (N)	196	8	277076 189144
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	A18SE (N)	213	8	277057 189170
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	A13NW (NW)	202	8	276807 189042

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
248	**Points of Interest - Manufacturing and Production** Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8NE (S)	222	8	277128 188413
248	**Points of Interest - Manufacturing and Production** Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8NE (S)	229	8	277137 188412
248	**Points of Interest - Manufacturing and Production** Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8NE (S)	239	8	277132 188393
248	**Points of Interest - Manufacturing and Production** Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8NE (S)	243	8	277131 188386
248	**Points of Interest - Manufacturing and Production** Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8NE (S)	246	8	277127 188379
249	**Points of Interest - Manufacturing and Production** Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A12SE (W)	268	8	276667 188621
249	**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 (W)	273	8	276664 188632
249	**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	A12SE (W)	277	8	276663 188650
249	**Points of Interest - Manufacturing and Production** Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A12SE (W)	279	8	276659 188642
249	**Points of Interest - Manufacturing and Production** Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A12SE (W)	285	8	276651 188629
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	A12SE (SW)	288	8	276642 188584
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	A12SE (SW)	292	8	276639 188593

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
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	A8NE (SE)	322	8	277250 188376
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	A8NE (SE)	323	8	277250 188375
251	**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	A12SE (W)	375	8	276577 188732
252	**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	A12NE (NW)	389	8	276608 189012
253	**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	A18SW (NW)	403	8	276705 189247
253	**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 (NW)	404	8	276700 189244
253	**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 (NW)	408	8	276697 189246
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	A7NE (SW)	420	8	276648 188254
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	A7NE (SW)	424	8	276643 188253
255	**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	A9NW (SE)	520	8	277481 188316
255	**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	A9NW (SE)	520	8	277454 188286
256	**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	A18NW (N)	581	8	276773 189504

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
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	A8SE (S)	608	8	277200 188004
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	A8SE (S)	655	8	277269 187984
258	**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 (SW)	686	8	276580 187975
258	**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 (SW)	703	8	276522 187993
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	A7SE (SW)	714	8	276547 187962
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	A7SE (SW)	718	8	276545 187959
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	A7SE (SW)	722	8	276544 187955
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	A7SE (SW)	724	8	276535 187958
259	**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	A8SE (S)	692	8	277119 187890
259	**Points of Interest - Manufacturing and Production** Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SE (S)	700	8	277146 187889
259	**Points of Interest - Manufacturing and Production** Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SE (S)	715	8	277129 187869
260	**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	A17SE (NW)	695	8	276396 189321

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
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	A17SE (NW)	745	8	276390 189402
261	**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	A14NE (E)	697	8	277811 188925
262	**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	A17NE (NW)	725	8	276558 189546
263	**Points of Interest - Manufacturing and Production** Name: Roderick E W Sons Monumental Sclptrs Location: Brynheulog Street, Port Talbot, SA13 1AF Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location	A18NE (N)	728	8	277346 189604
264	**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 (SW)	744	8	276252 188257
264	**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 (SW)	745	8	276252 188255
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	A12SW (W)	772	8	276159 188517
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	A12SW (W)	772	8	276159 188518
266	**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	A17NE (NW)	807	8	276550 189640
266	**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	A17NE (NW)	860	8	276545 189700
267	**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	A17NE (NW)	808	8	276409 189523
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	A3NW (S)	833	8	276784 187742

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
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	A3NW (S)	834	8	276784 187741
269	**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	A3NW (S)	853	8	276920 187707
270	**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	A9SW (SE)	879	8	277471 187845
271	**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	A17NW (NW)	918	8	276211 189445
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	A12SW (W)	926	8	276021 188746
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	A12SW (W)	926	8	276021 188745
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	A11SE (W)	960	8	275986 188745
273	**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	A23SW (N)	943	8	276772 189883
273	**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	A23SW (N)	943	8	276772 189883
274	**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	A3NE (S)	965	8	277322 187668
274	**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	A3NE (S)	965	8	277322 187668
275	**Points of Interest - Manufacturing and Production** Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A3NW (S)	976	8	276997 187585

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
275	**Points of Interest - Manufacturing and Production** Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A3NW (S)	978	8	276997 187583
275	**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	A3NW (S)	982	8	276995 187579
276	**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	A13NE (NE)	58	8	277145 188888
277	**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	A13NW (NW)	139	8	276877 189041
277	**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	A13NW (NW)	143	8	276873 189042
278	**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	A14SW (E)	283	8	277403 188757
278	**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	A14NW (E)	353	8	277476 188782
279	**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	A18SE (N)	451	8	277033 189416
280	**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	A18NW (N)	611	8	276821 189553
280	**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	A18NW (N)	611	8	276821 189552
280	**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	A18NW (N)	611	8	276821 189553
280	**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	A18NW (N)	612	8	276821 189553

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
281	**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	A19SW (NE)	680	8	277539 189379
281	**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	A19SW (NE)	682	8	277541 189380
282	**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	A18NW (N)	755	8	276809 189698
283	**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	A18NW (N)	760	8	276742 189683
283	**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	A17NE (N)	808	8	276662 189703
283	**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	A17NE (N)	808	8	276662 189703
284	**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	A7NW (SW)	870	8	276133 188216
285	**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	A7SE (SW)	880	8	276579 187758
286	**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	A7SE (SW)	924	8	276425 187791
286	**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	A2NE (SW)	990	8	276446 187701
287	**Points of Interest - Recreational and Environmental** Name: Playground Location: Park Street, SA13 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A19SW (NE)	433	8	277381 189186
287	**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	A19SW (NE)	448	8	277391 189198

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
288	**Points of Interest - Recreational and Environmental** Name: Play Area Location: SA13 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	724	8	277798 188522

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
289	**Ancient Woodland** Name: Not Supplied Reference: 13931 Area(m²): 6532.3 Type: Ancient and Semi-Natural Woodland	A14SE (E)	798	2	277864 188477

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Bridgend County Borough Council - Environmental Health Department	January 2020	Annual Rolling Update
Natural Resources Wales	June 2020	Annually
Neath Port Talbot County Borough Council - Environmental Health Department	October 2017	Annual Rolling Update
Discharge Consents		
Environment Agency - Welsh Region	August 2014	Quarterly
Natural Resources Wales	October 2022	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	January 2021	Quarterly
Natural Resources Wales	January 2023	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Bridgend County Borough Council - Environmental Health Department	July 2015	Variable
Neath Port Talbot County Borough Council - Environmental Health Department	March 2014	Variable
Local Authority Pollution Prevention and Controls		
Bridgend County Borough Council - Environmental Health Department	July 2015	Not Applicable
Neath Port Talbot County Borough Council - Environmental Health Department	March 2014	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
Bridgend County Borough Council - Environmental Health Department	July 2015	Variable
Neath Port Talbot County Borough Council - Environmental Health Department	March 2015	Variable
Nearest Surface Water Feature		
Ordnance Survey	January 2023	
Pollution Incidents to Controlled Waters		
Environment Agency - Welsh Region	December 1998	
Prosecutions Relating to Authorised Processes		
Environment Agency - Welsh Region	July 2015	
Natural Resources Wales	July 2015	
Prosecutions Relating to Controlled Waters		
Environment Agency - Welsh Region	March 2013	
Natural Resources Wales	March 2013	
Registered Radioactive Substances		
Natural Resources Wales	January 2015	
Environment Agency - Welsh Region	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	January 2021	Quarterly
Natural Resources Wales	January 2023	Quarterly
Water Abstractions		
Environment Agency - Welsh Region	January 2023	Quarterly
Natural Resources Wales	January 2023	Quarterly
Water Industry Act Referrals		
Environment Agency - Welsh Region	October 2017	
Natural Resources Wales	October 2022	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 2022	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 2023	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	March 2023	As notified
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	January 2023	Quarterly
Natural Resources Wales	October 2021	Quarterly
Licensed Waste Management Facilities (Locations)		
Natural Resources Wales	January 2023	Quarterly
Environment Agency Wales - South West Area	July 2021	Quarterly
Local Authority Landfill Coverage		
Bridgend County Borough Council	February 2003	Not Applicable
Neath Port Talbot County Borough Council - Environmental Health Department	February 2003	Not Applicable
Local Authority Recorded Landfill Sites		
Bridgend County Borough Council	October 2018	
Neath Port Talbot County Borough Council - Environmental Health Department	October 2018	
Potentially Infilled Land (Non-Water)		
Landmark Information Group Limited	December 1999	
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	March 2023	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	February 2016	Variable
Neath Port Talbot County Borough Council - Planning Department	October 2015	Variable
Planning Hazardous Substance Consents		
Bridgend County Borough Council - Planning Department	February 2016	Variable
Neath Port Talbot County Borough Council - Planning Department	October 2015	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 2022	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	February 2023	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	September 2022	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	September 2022	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	January 2023	Quarterly
Fuel Station Entries Catalist Ltd - Experian	February 2023	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Points of Interest - Commercial Services PointX	March 2023	Quarterly
Points of Interest - Education and Health PointX	March 2023	Quarterly
Points of Interest - Manufacturing and Production PointX	March 2023	Quarterly
Points of Interest - Public Infrastructure PointX	March 2023	Quarterly
Points of Interest - Recreational and Environmental PointX	March 2023	Quarterly
Underground Electrical Cables National Grid	February 2023	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	July 2022	Quarterly
Neath Port Talbot County Borough Council - Planning Services	July 2022	Quarterly
Areas of Unadopted Green Belt		
Bridgend County Borough Council	July 2022	Quarterly
Neath Port Talbot County Borough Council - Planning Services	July 2022	Quarterly
Areas of Outstanding Natural Beauty		
Natural Resources Wales	August 2022	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	August 2018	Bi-Annually
Neath Port Talbot County Borough Council	August 2018	Bi-Annually
Marine Nature Reserves		
Natural Resources Wales	August 2018	Bi-Annually
National Nature Reserves		
Natural Resources Wales	February 2023	Bi-Annually
National Parks		
Natural Resources Wales	February 2018	Annually
Nitrate Vulnerable Zones		
The National Assembly for Wales - GI Services (Department of Planning & Countryside)	April 2016	
Natural Resources Wales	March 2023	Bi-Annually
Ramsar Sites		
Natural Resources Wales	March 2023	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

Data Suppliers

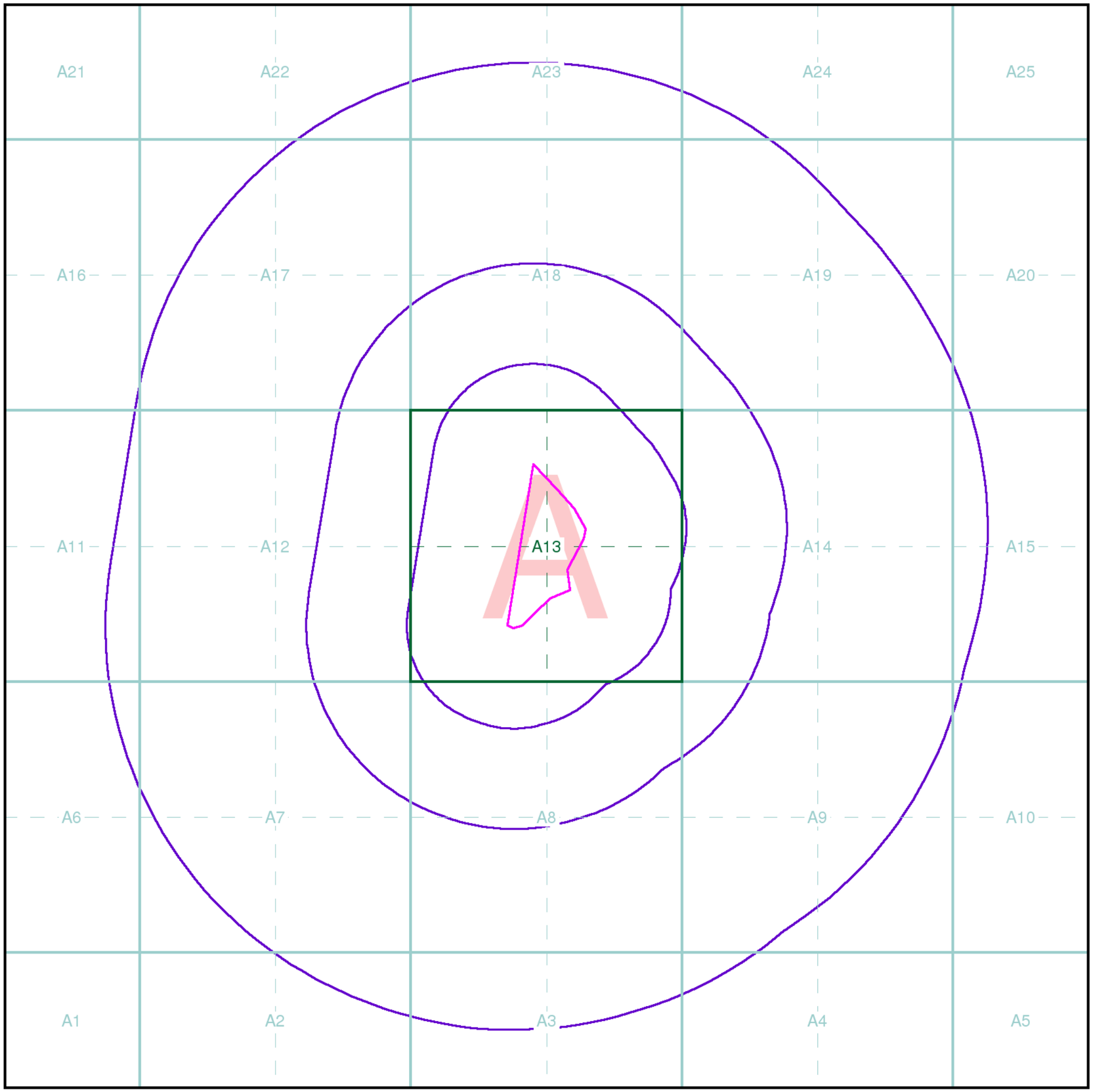
A selection of organisations who provide data within this report

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

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	**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.



Index Map

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

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

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

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

A selection of organisations who provide data within this report:

Envirocheck reports are compiled from 136 different sources of data.

Client Details

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

Order Details

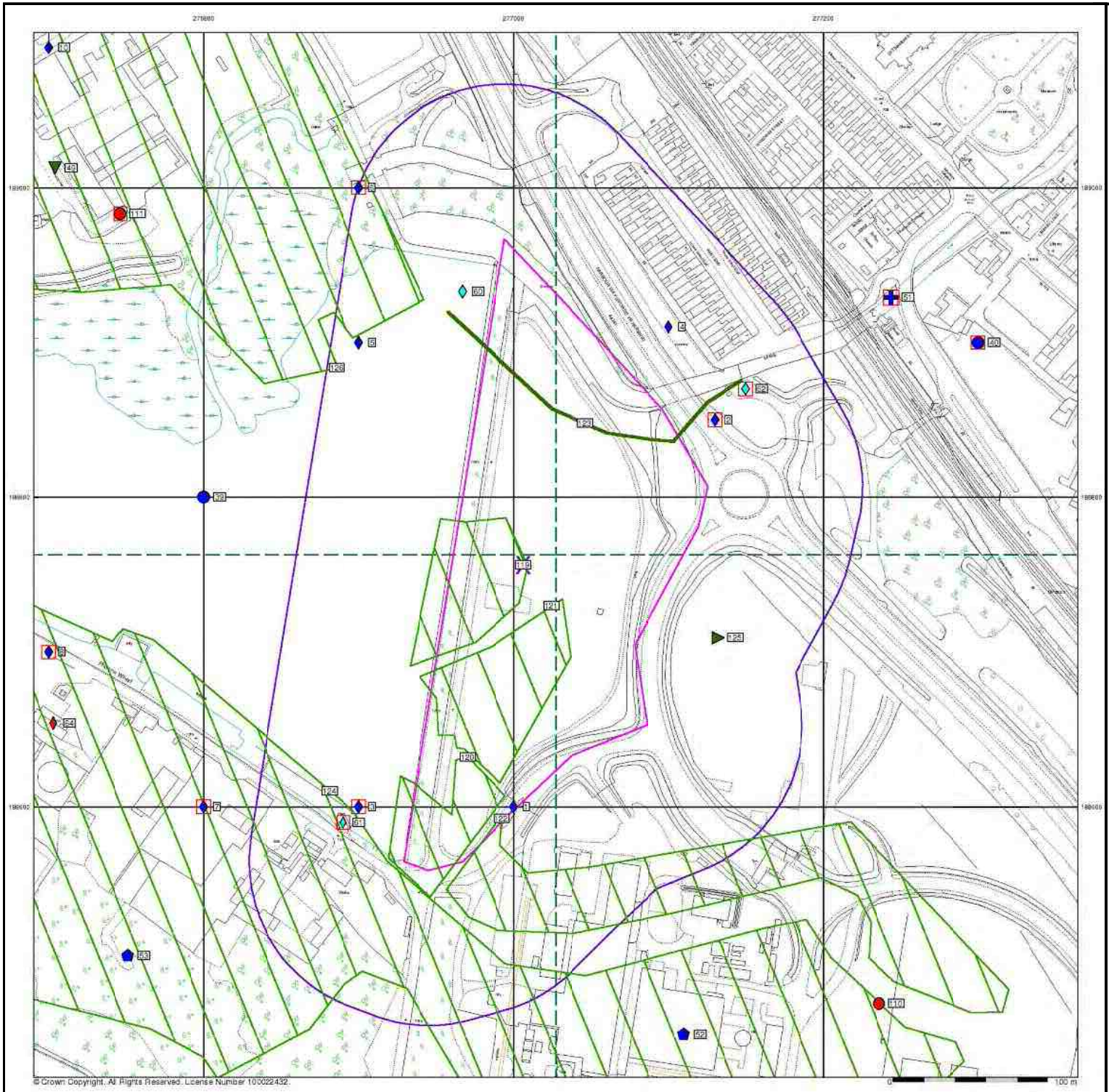
Order Number:	309341281_1_1
Customer Ref:	2111006.005
National Grid Reference:	277020, 188750
Site Area (Ha):	4.24
Search Buffer (m):	1000

Site Details

Civil & Marine Ltd, Docks Road, The Docks, PORT TALBOT, SA13 1RA

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

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



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General

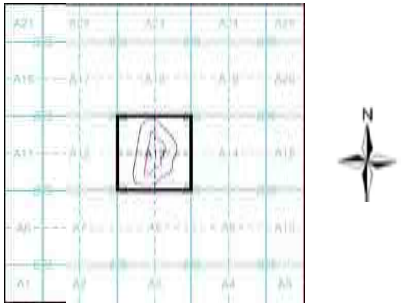
Agency and Hydrological

Waste

Hazardous Substances

Geological

Site Sensitivity Map - Segment A13



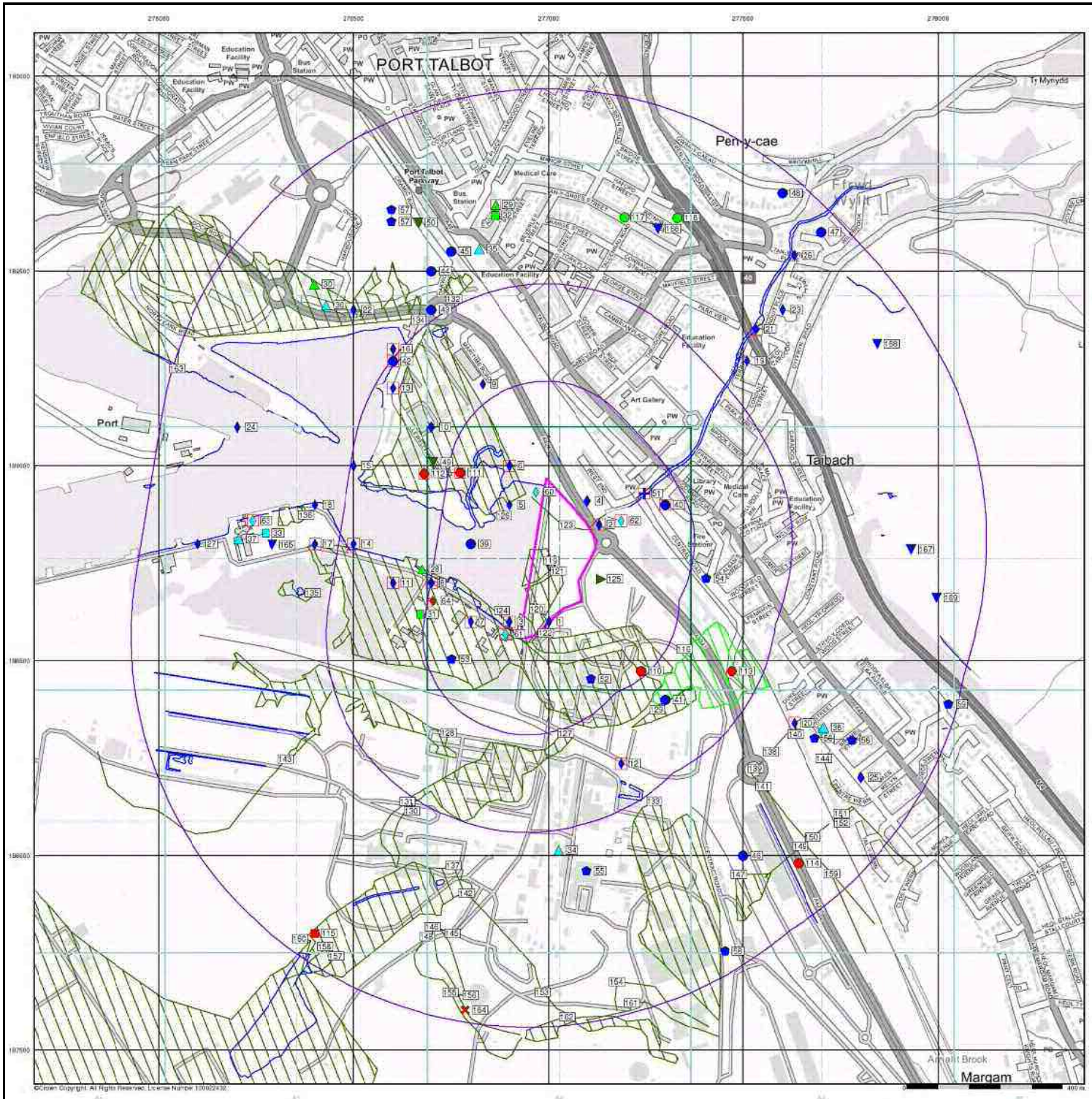
Order Details

Order Number:	309341281_1_1
Customer Ref:	2111006.005
National Grid Reference:	277010, 188760
Slice:	A
Site Area (Ha):	4.24
Plot Buffer (m):	100

Site Details

Civil & Marine Ltd, Docks Road, The Docks, PORT TALBOT, SA13 1RA

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



General

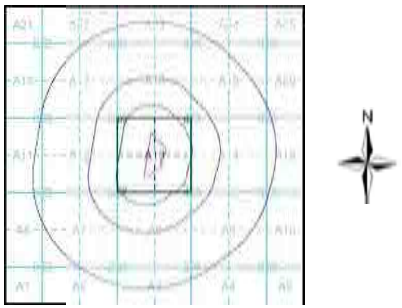
Agency and Hydrological

Waste

Hazardous Substances

Geological

Site Sensitivity Map - Slice A



Order Details

Order Number:	309341281_1_1
Customer Ref:	2111006.005
National Grid Reference:	277010, 188760
Slice:	A
Site Area (Ha):	4.24
Search Buffer (m):	1000

Site Details

Civil & Marine Ltd, Docks Road, The Docks, PORT TALBOT, SA13 1RA

Landmark

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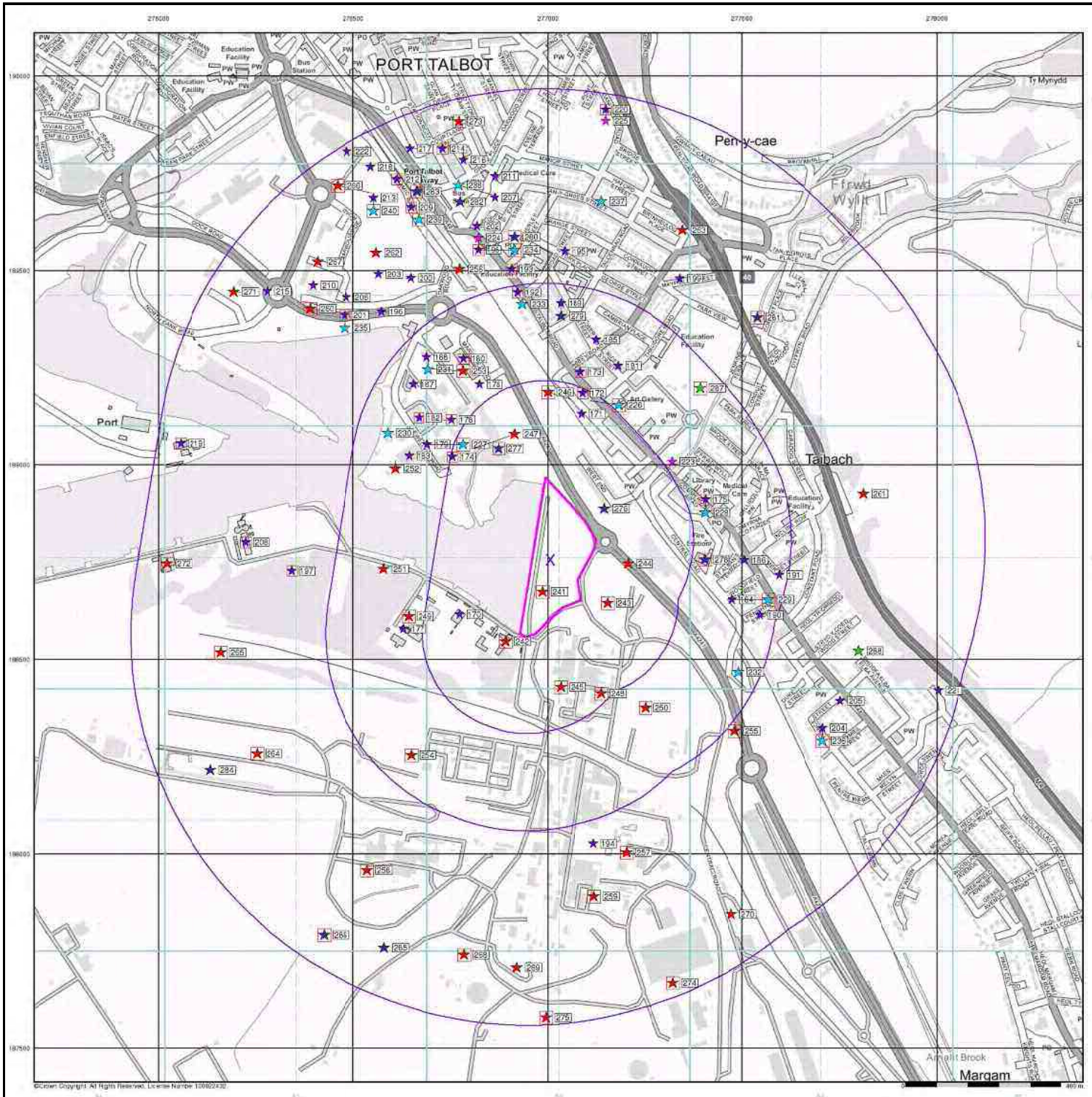


Industrial Land Use Map

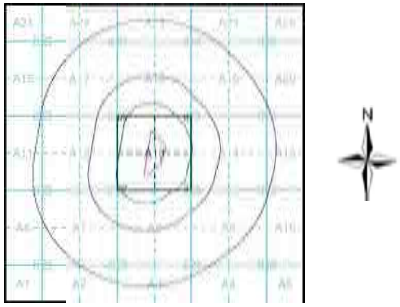
General

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:	309341281_1_1
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National Grid Reference:	277010, 188760
Slice:	A
Site Area (Ha):	4.24
Search Buffer (m):	1000

Site Details

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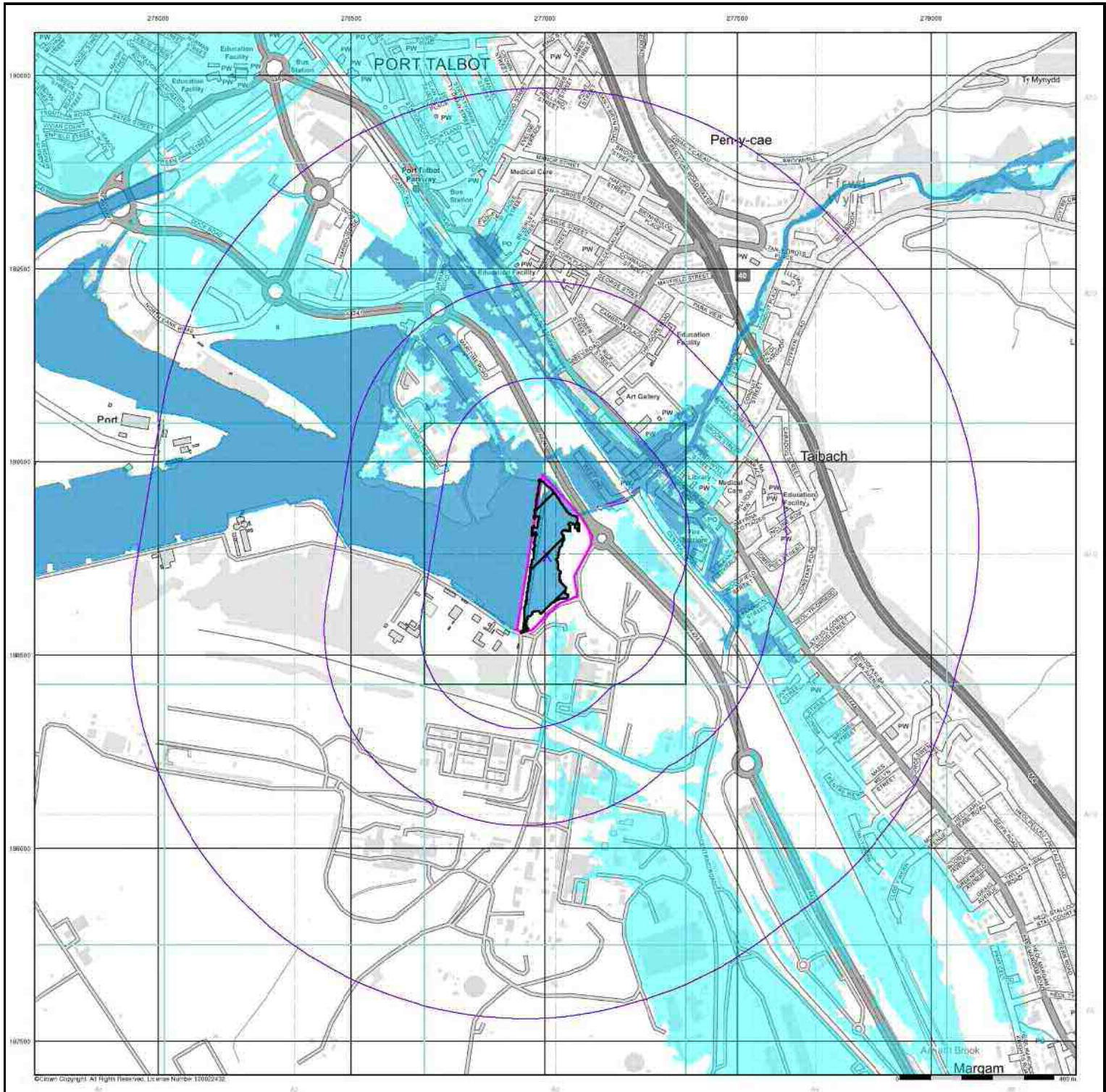


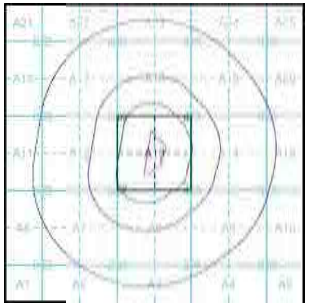
General

- Specified Site
- Specified Address(es)
- Grid 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



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National Grid Reference:	277010, 188760
Slice:	A
Site Area (Ha):	4.24
Search Buffer (m):	1000

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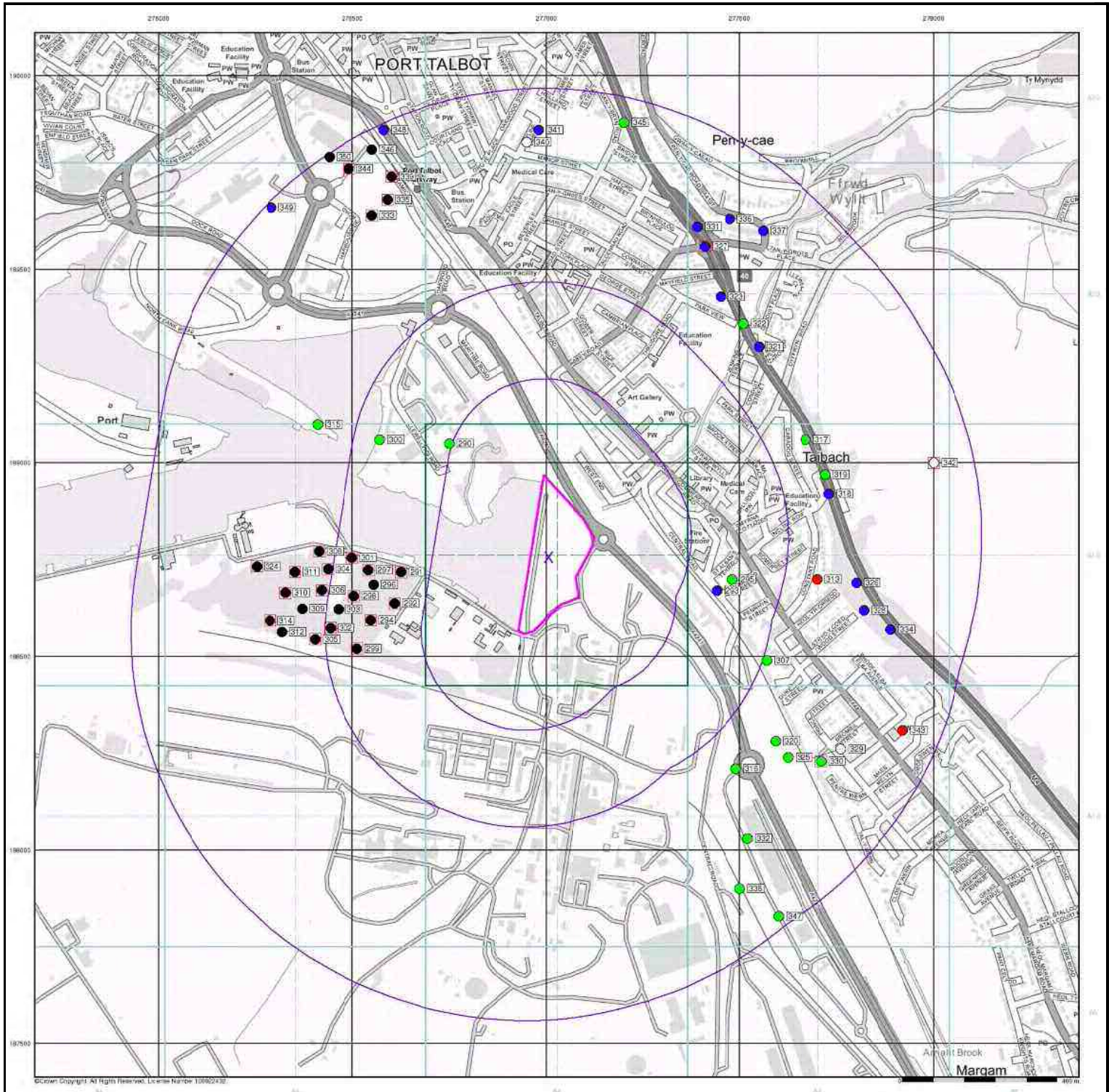


General

- Specified Site
- Specified Buffer(s)
- Drawing Reference Point
- Map ID
- Tenement of Type at Location

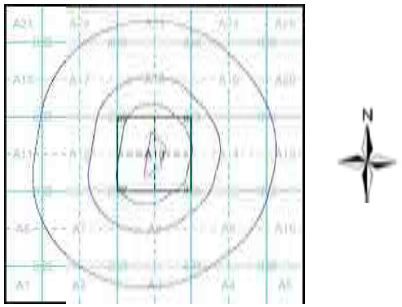
Agency and Hydrological (Boreholes)

- BGS Borehole Depth 0 - 10m
- BGS Borehole Depth 10 - 30m
- BGS Borehole Depth 30m +
- Commercial
- 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



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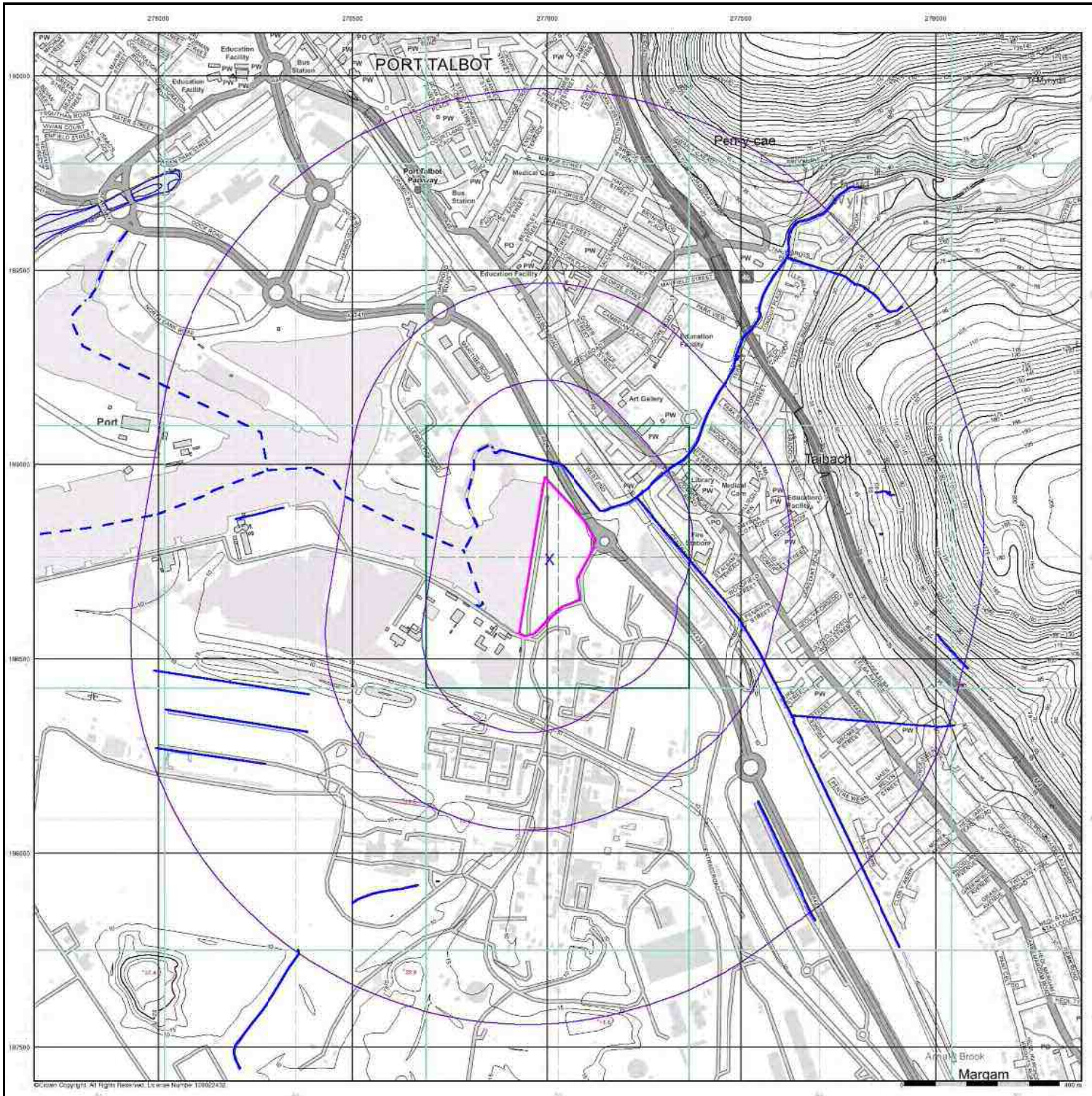


General

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

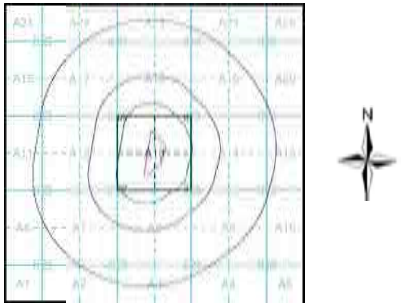
OS Water Network Data

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

Contours (height in meters)

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

OS Water Network Map - Slice A



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Customer Ref:	2111006.005
National Grid Reference:	277010, 188760
Slice:	A
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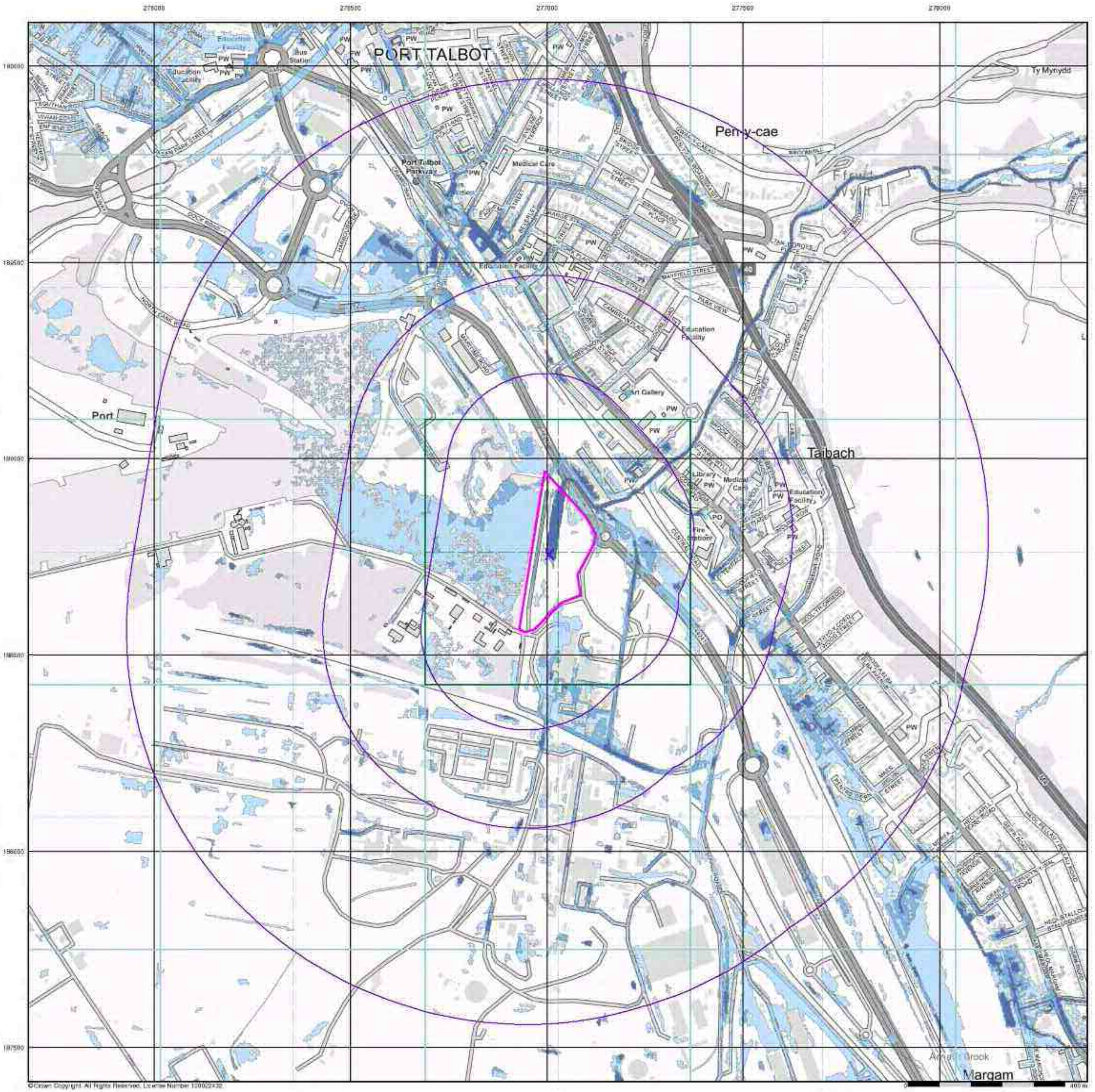

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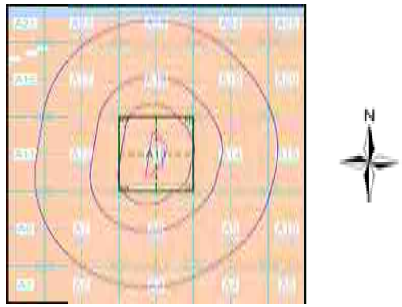
General

Risk of Flooding from Surface Water

Suitability

EA/NRW Suitability Map - Slice A



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Slice: A
Site Area (Ha): 4.24
Search Buffer (m): 1000

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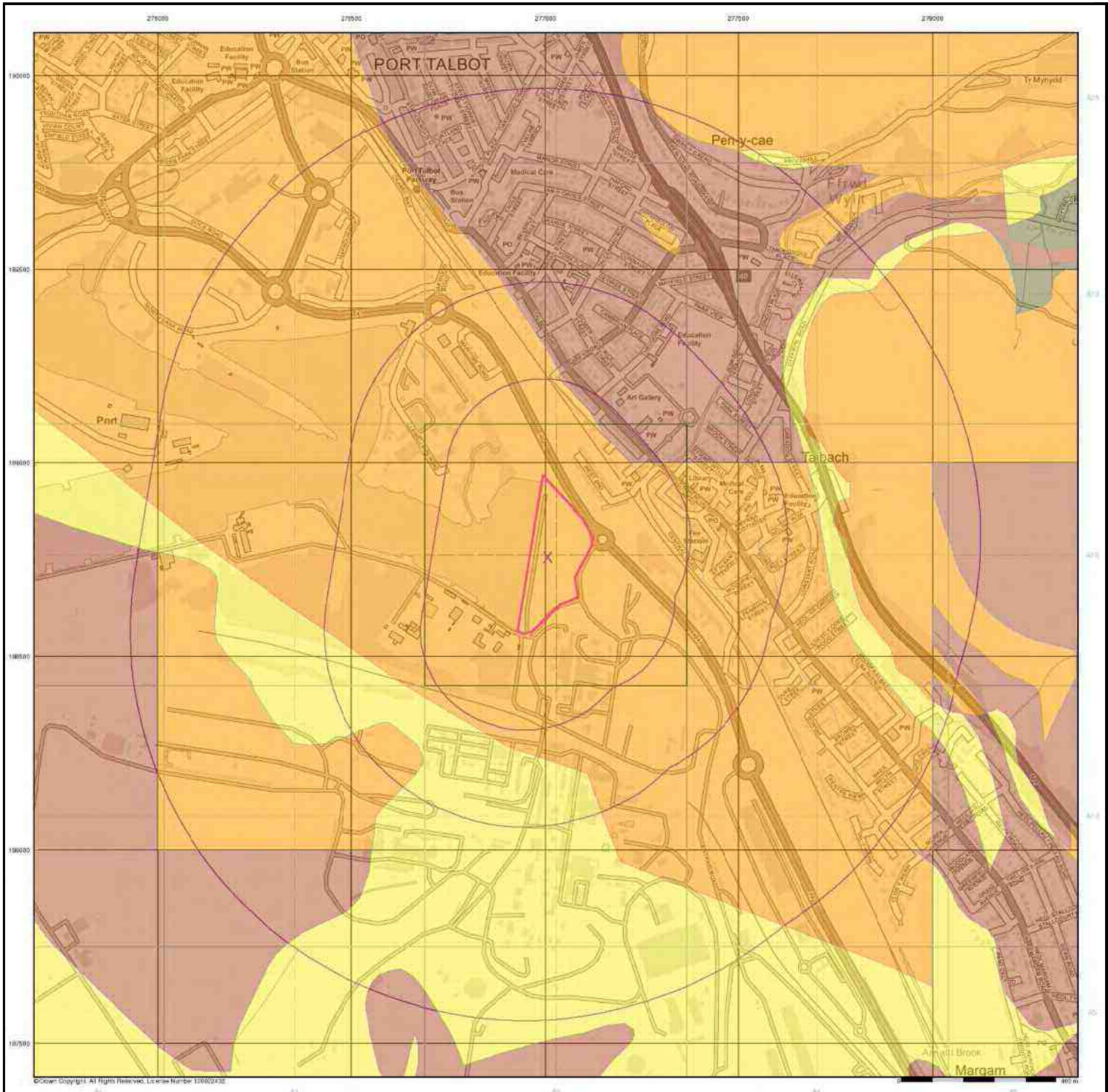


General

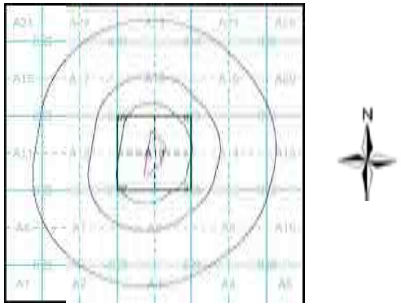
X Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg

- < 15
- 15 - 25
- 25 - 35
- 35 - 45
- 45 - 60
- 60 - 120
- > 120

Estimated Soil Chemistry Arsenic - Slice A



Order Details

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Customer Ref:	2111006.005
National Grid Reference:	277010, 188760
Slice:	A
Site Area (Ha):	4.24
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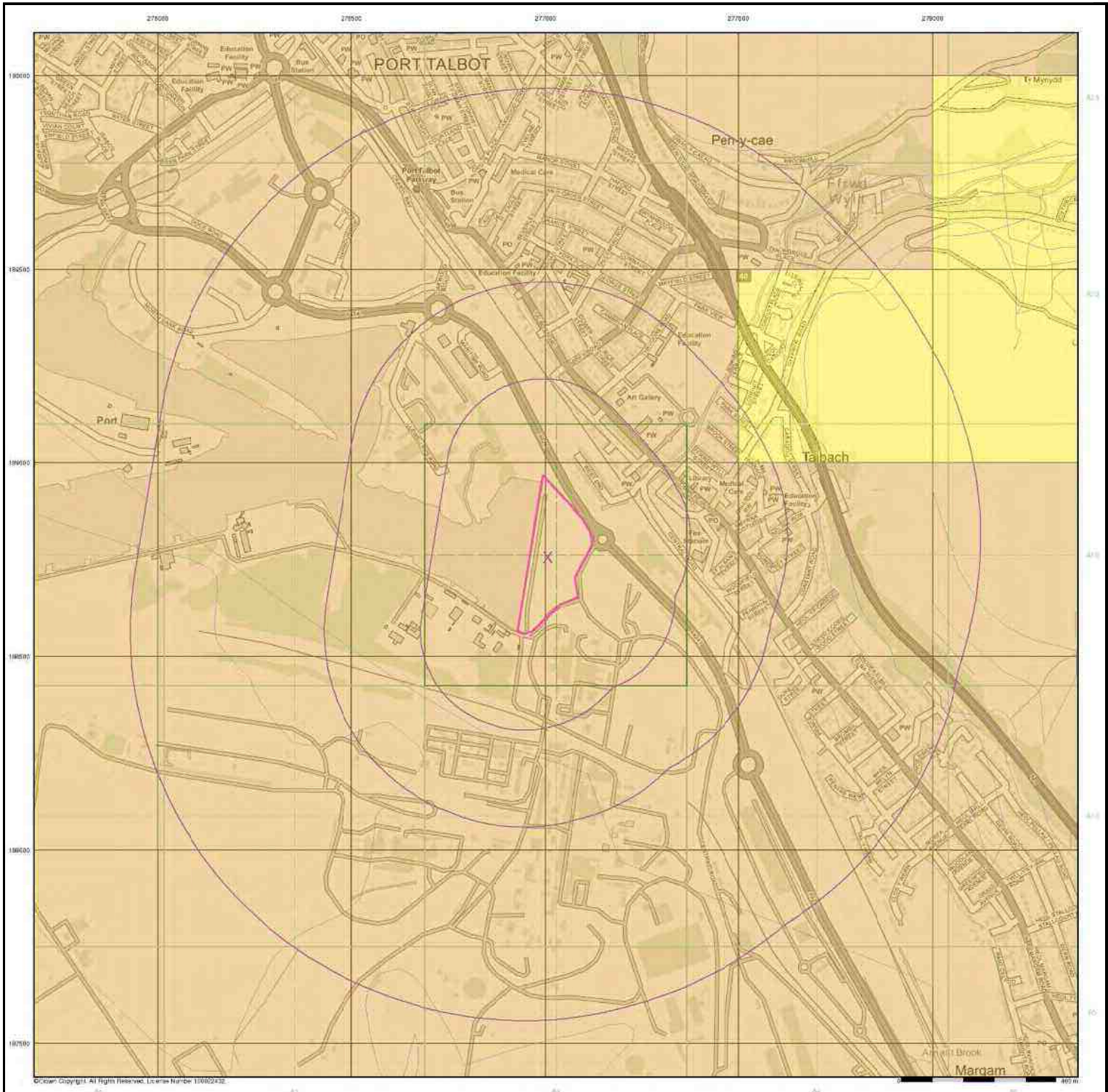


General

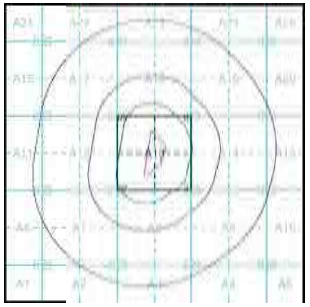
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg

- < 1.8
- 1.8 - 2.2
- 2.2 - 3.0
- > 3.0

Estimated Soil Chemistry Cadmium - Slice A



Order Details

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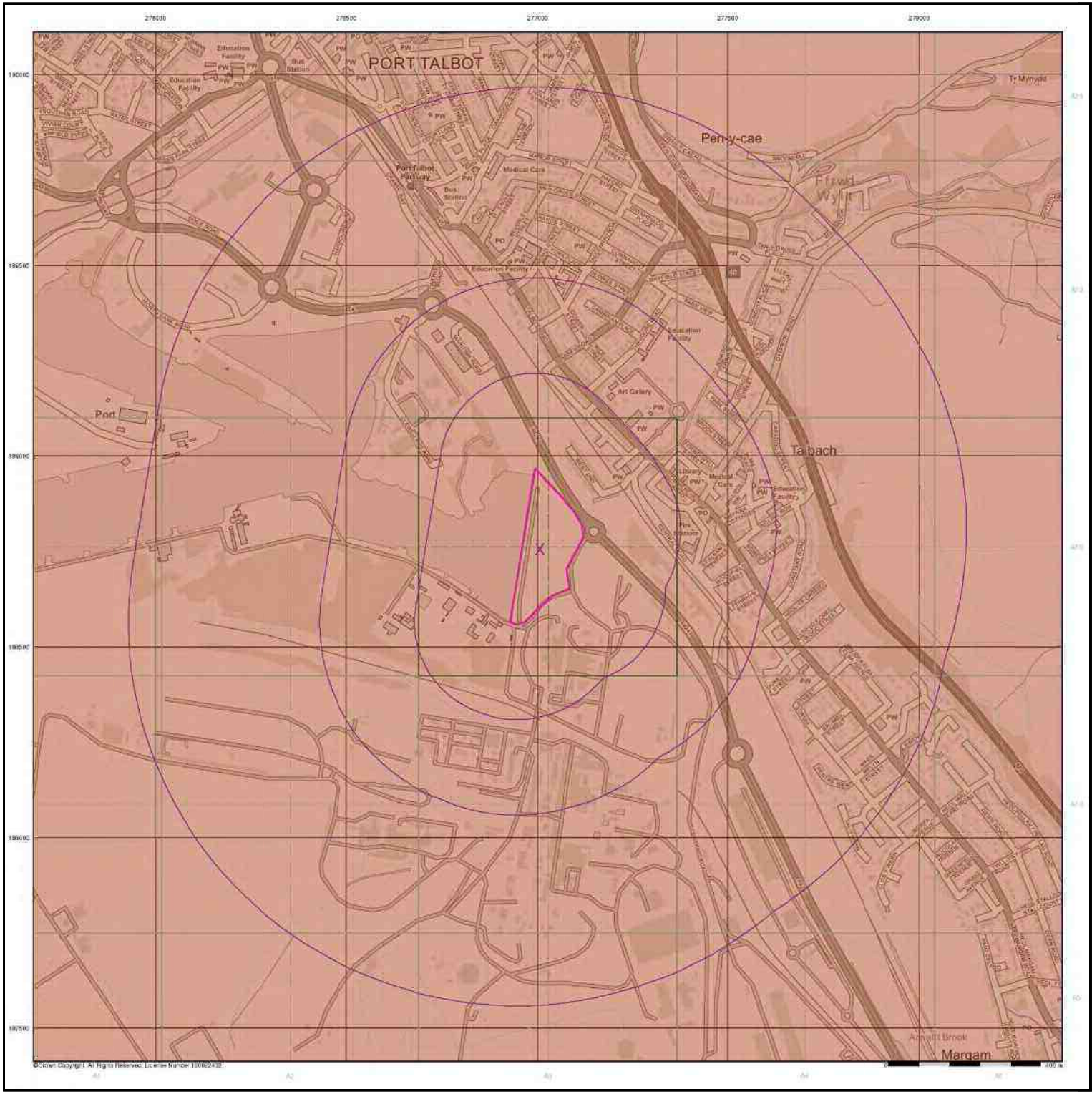


General

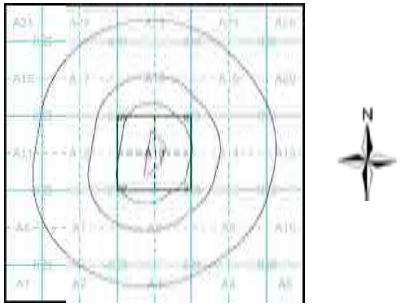
Specified Site Specified Buffer(s) X Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg

- < 20
- 20 - 40
- 40 - 60
- 60 - 90
- 90 - 120
- 120 - 180
- > 180

Estimated Soil Chemistry Chromium - Slice A



Order Details

Order Details:	309341281_1_1
Customer Ref:	2111006.005
National Grid Reference:	277010, 188760
Slice:	A
Site Area (Ha):	4.24
Search Buffer (m):	1000

Site Details

Civil & Marine Ltd, Docks Road, The Docks, PORT TALBOT, SA13 1RA

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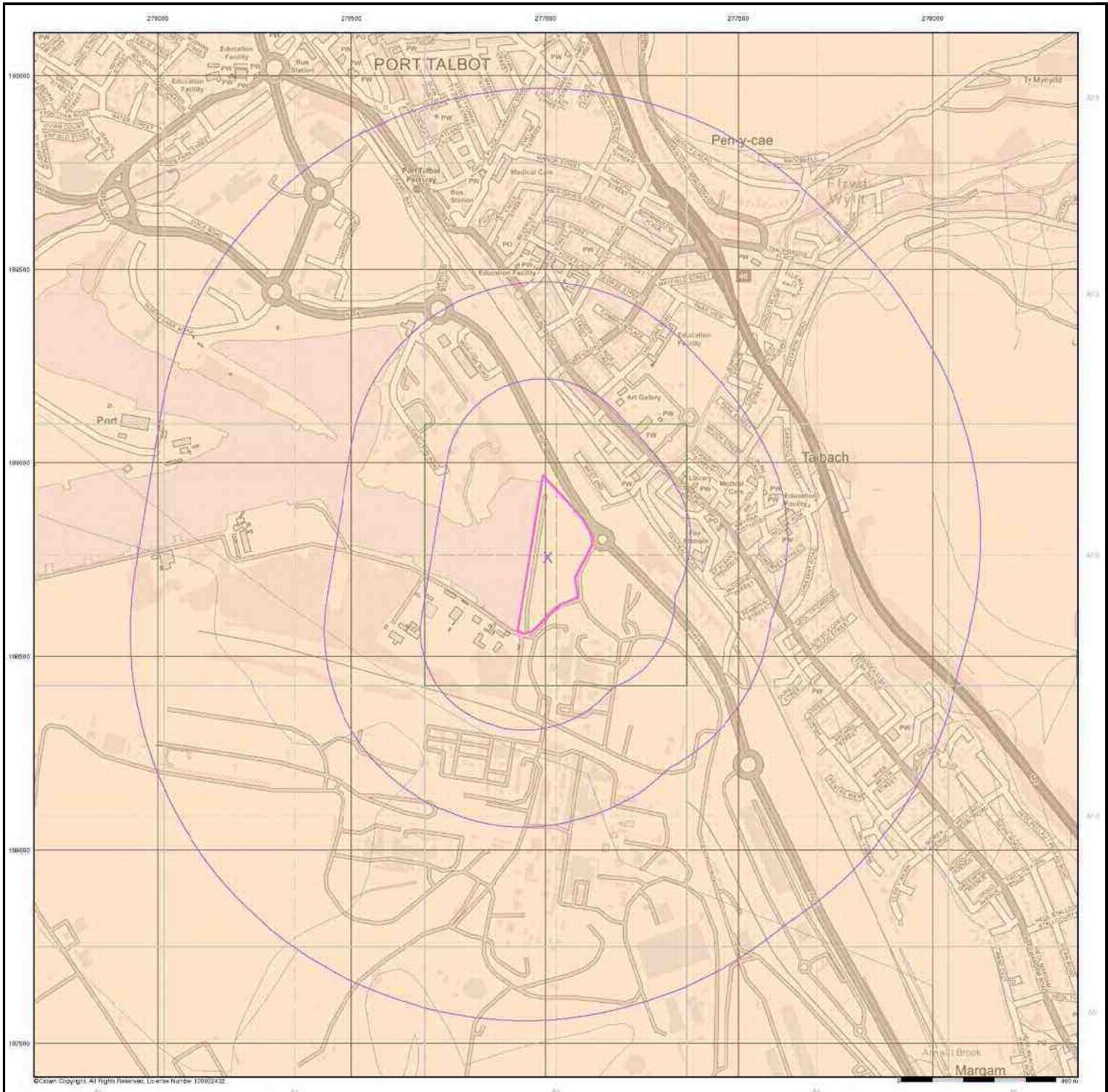


General

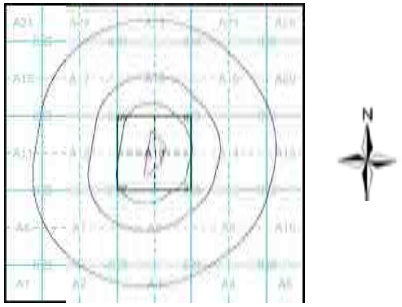
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg

- <100 mg/kg
- 100 - 200
- 200 - 300
- 300 - 600
- 600 - 1200
- >1200

Estimated Soil Chemistry Lead - Slice A

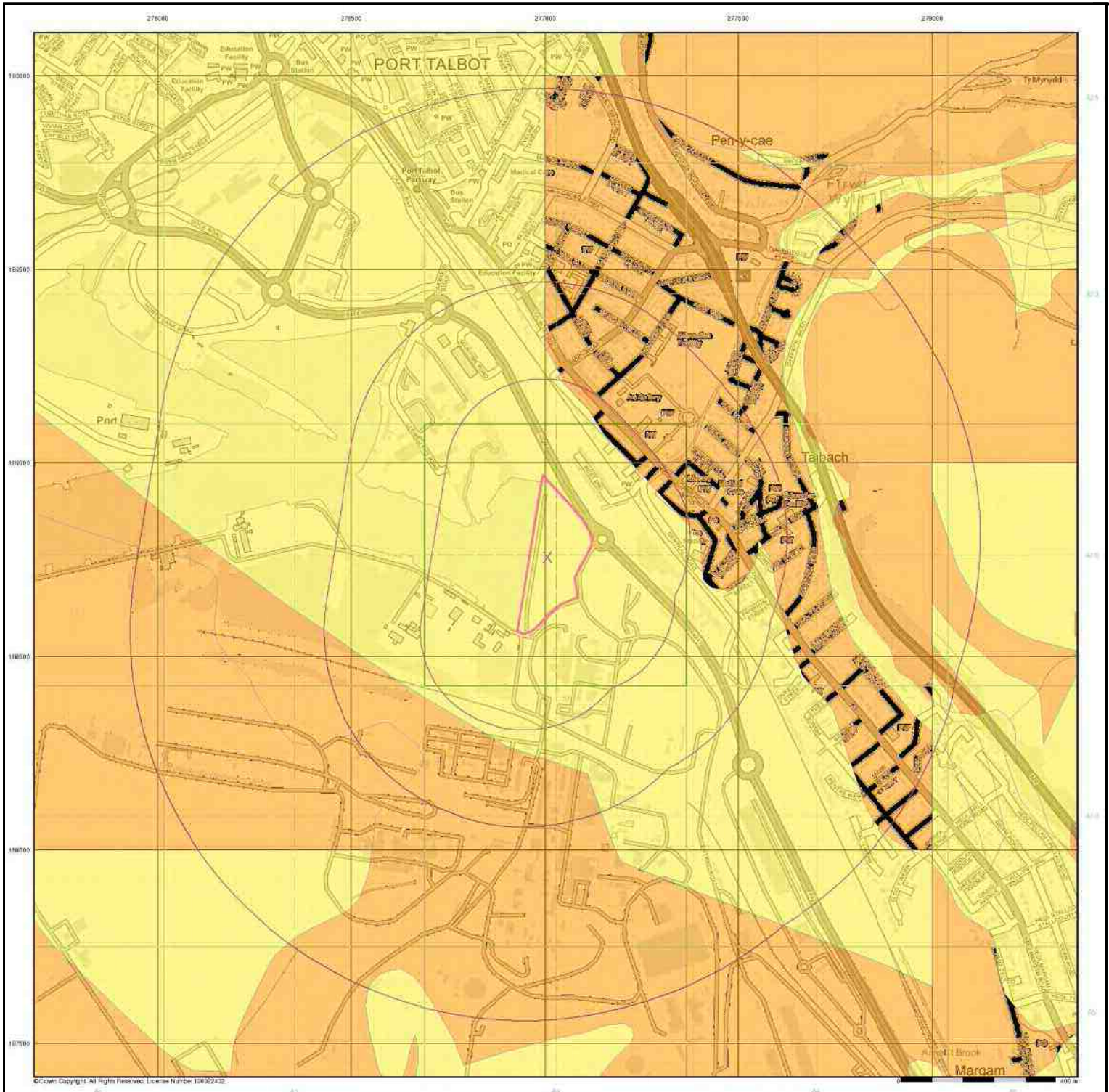


Order Details

Order Details:	309341281_1_1
Customer Ref:	2111006.005
National Grid Reference:	277010, 188760
Slice:	A
Site Area (Ha):	4.24
Search Buffer (m):	1000

Site Details

Civil & Marine Ltd, Docks Road, The Docks, PORT TALBOT, SA13 1RA



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General

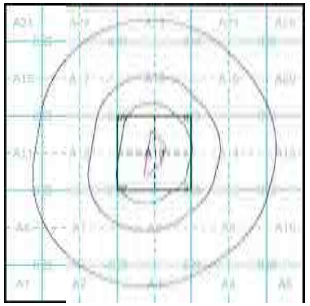
Specified Site | Specified Buffer(s) | Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg

- < 15
- 15 - 30
- 30 - 45
- 45 - 60
- 60 - 80
- 80 - 100
- > 100

Estimated Soil Chemistry Nickel - Slice A



Order Details

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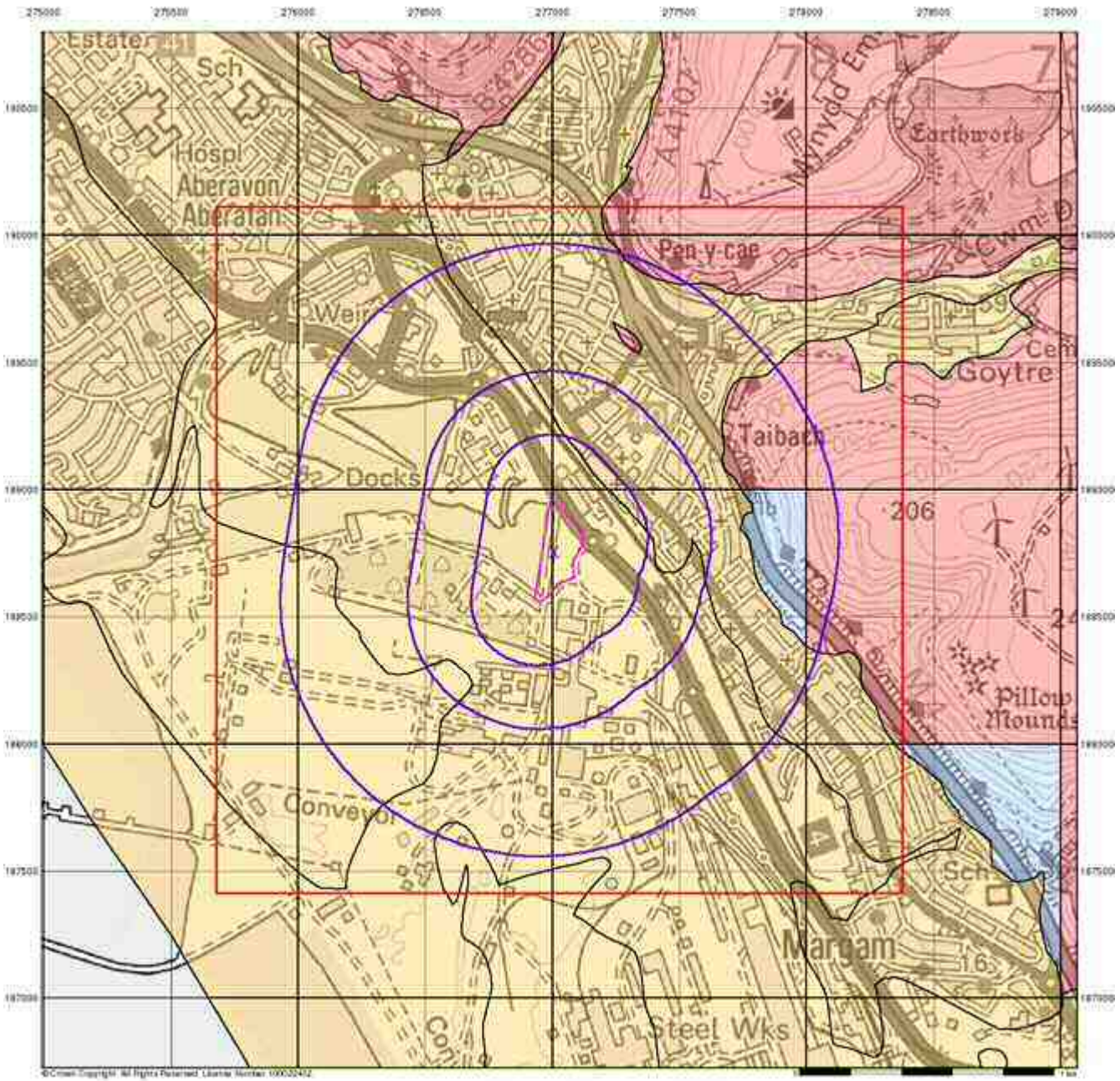


Groundwater Vulnerability

General

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

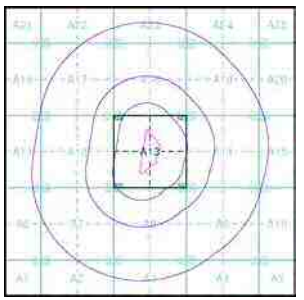
Agency and Hydrological

Bedrock Aquifers	Superficial Aquifers
High Vulnerability, Principal Aquifer	High Vulnerability, Principal Aquifer
High Vulnerability, Secondary Aquifer	High Vulnerability, Secondary Aquifer
Medium Vulnerability, Principal Aquifer	Medium Vulnerability, Principal Aquifer
Medium Vulnerability, Secondary Aquifer	Medium Vulnerability, Secondary Aquifer
Low Vulnerability, Principal Aquifer	Low Vulnerability, Principal Aquifer
Low Vulnerability, Secondary Aquifer	Low Vulnerability, Secondary Aquifer

Unproductive Aquifer

Soluble Rock

Site Sensitivity Context Map - Slice A



Order Details

Order Number:	309341281_1_1
Customer Ref:	2111006.005
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Search Buffer (m):	1000

Site Details

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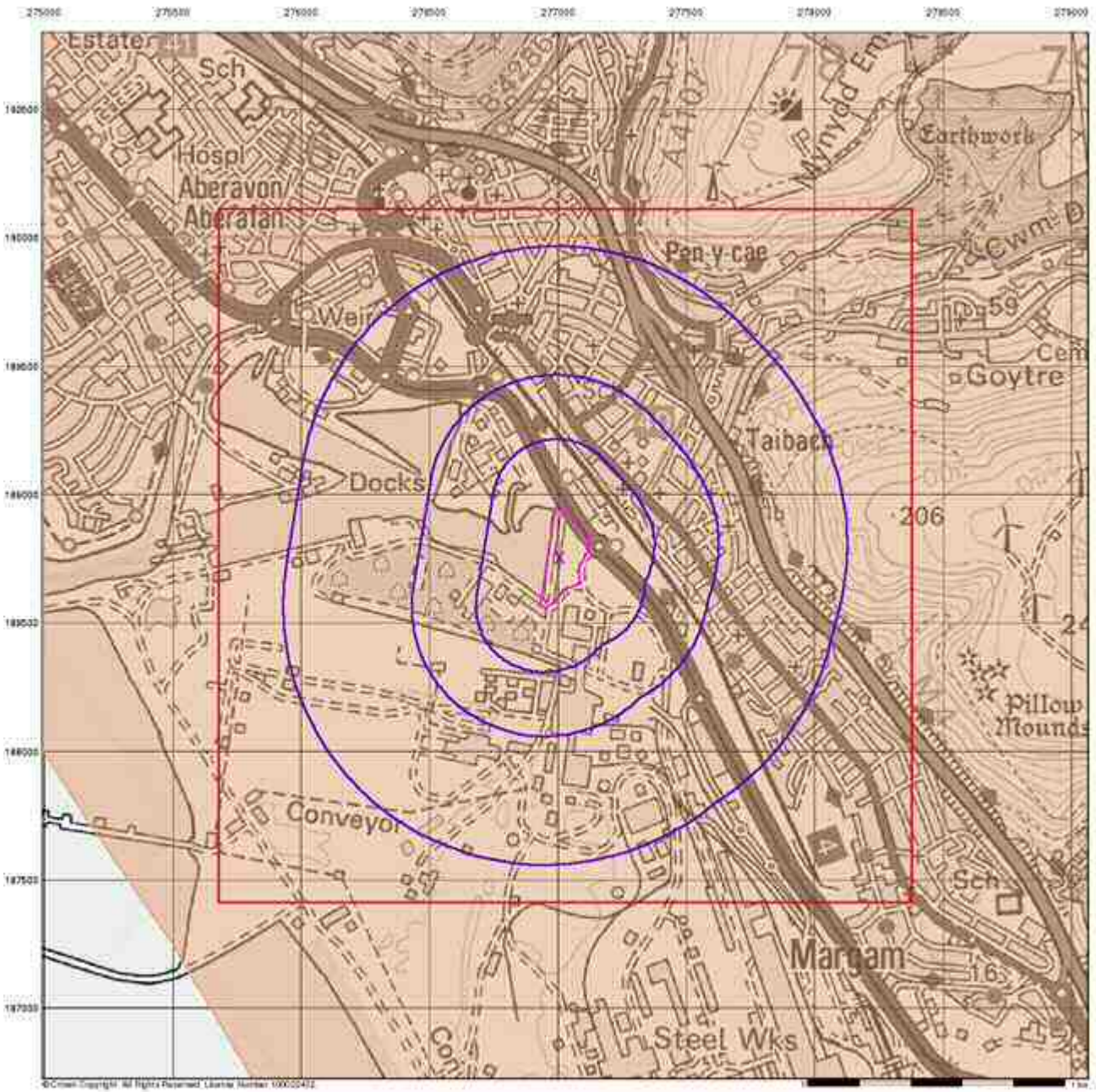


Bedrock Aquifer Designation

General

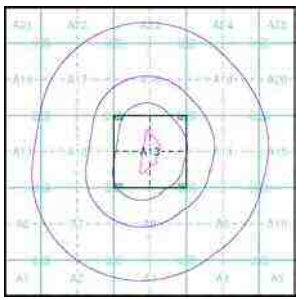
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

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



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Landmark INFORMATION GROUP
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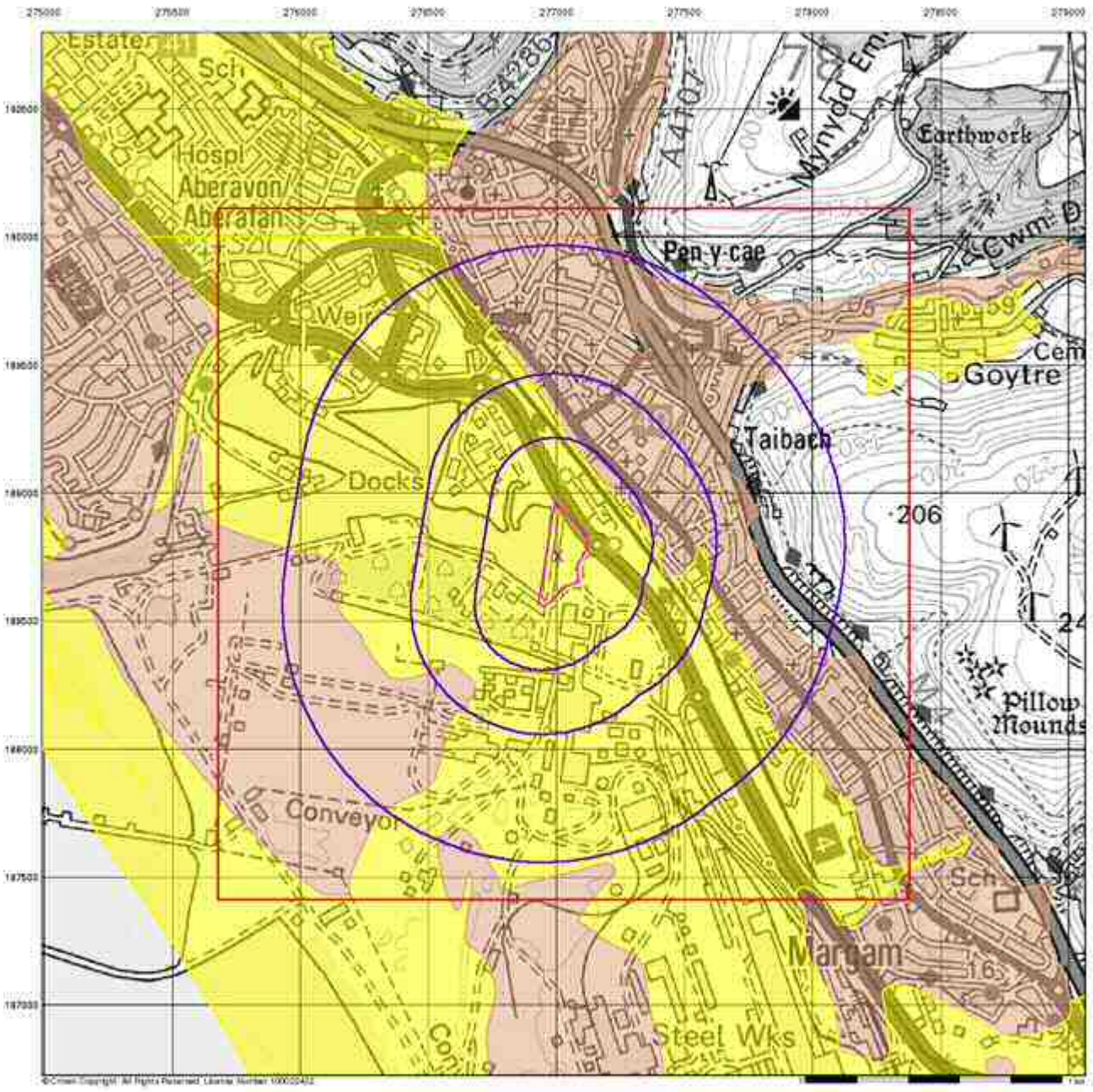


Superficial Aquifer Designation

General

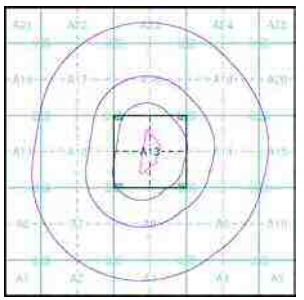
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

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



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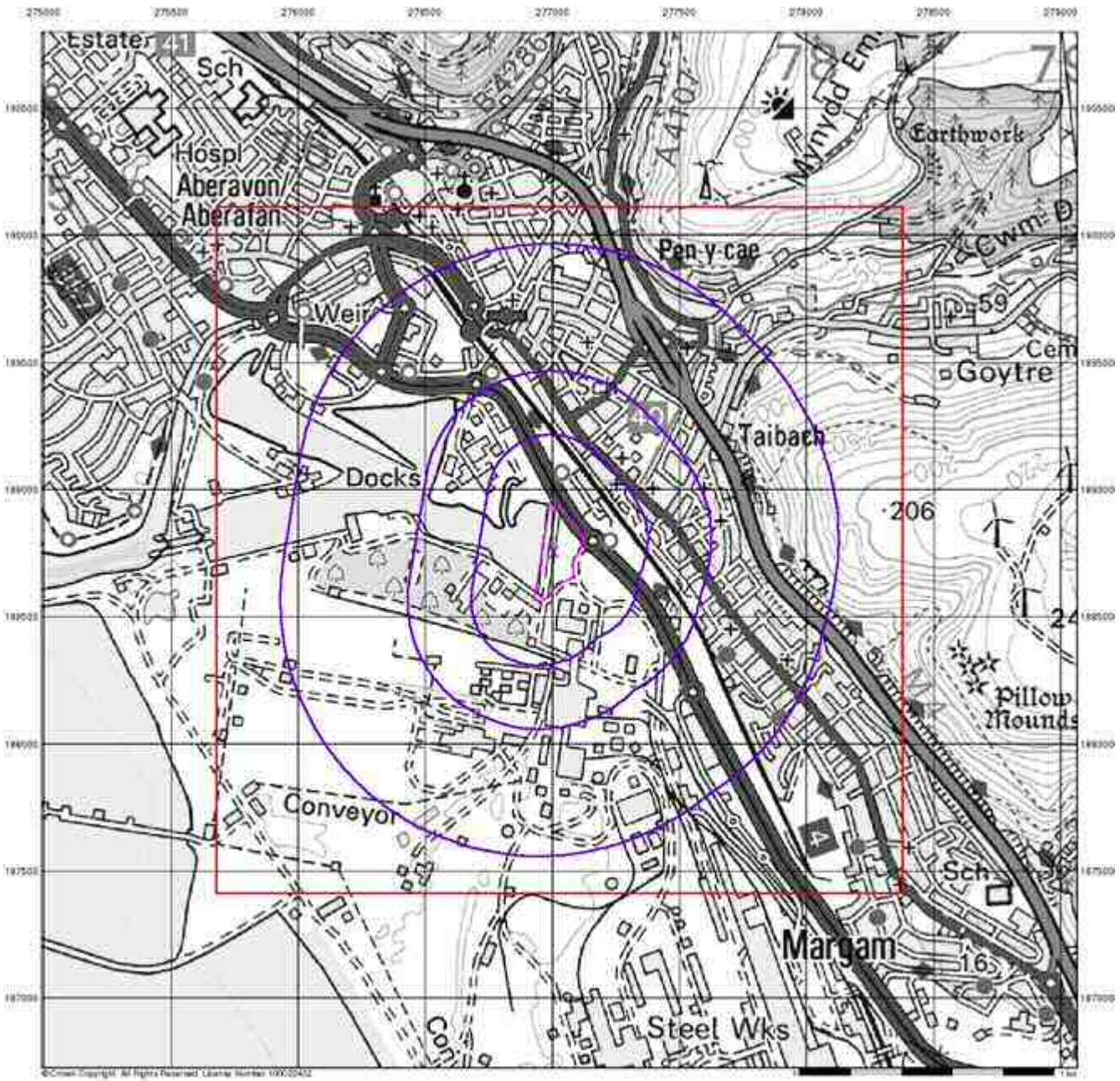


Source Protection Zones

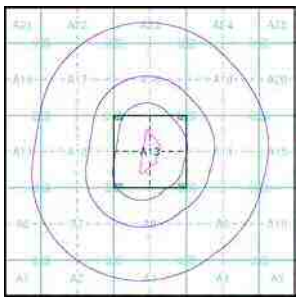
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A



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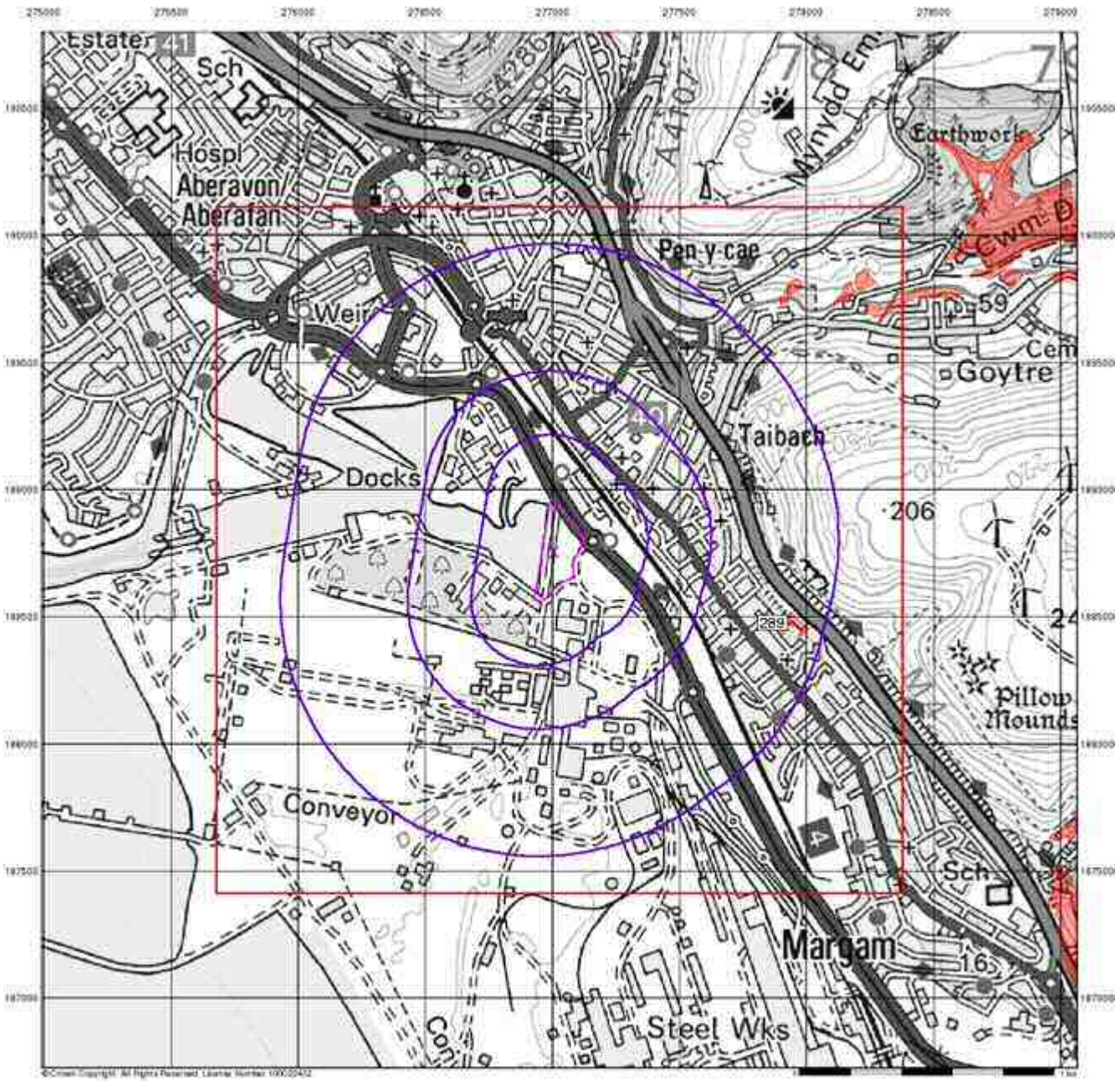


Sensitive Land Uses

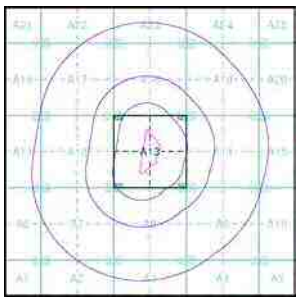
General

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

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice A



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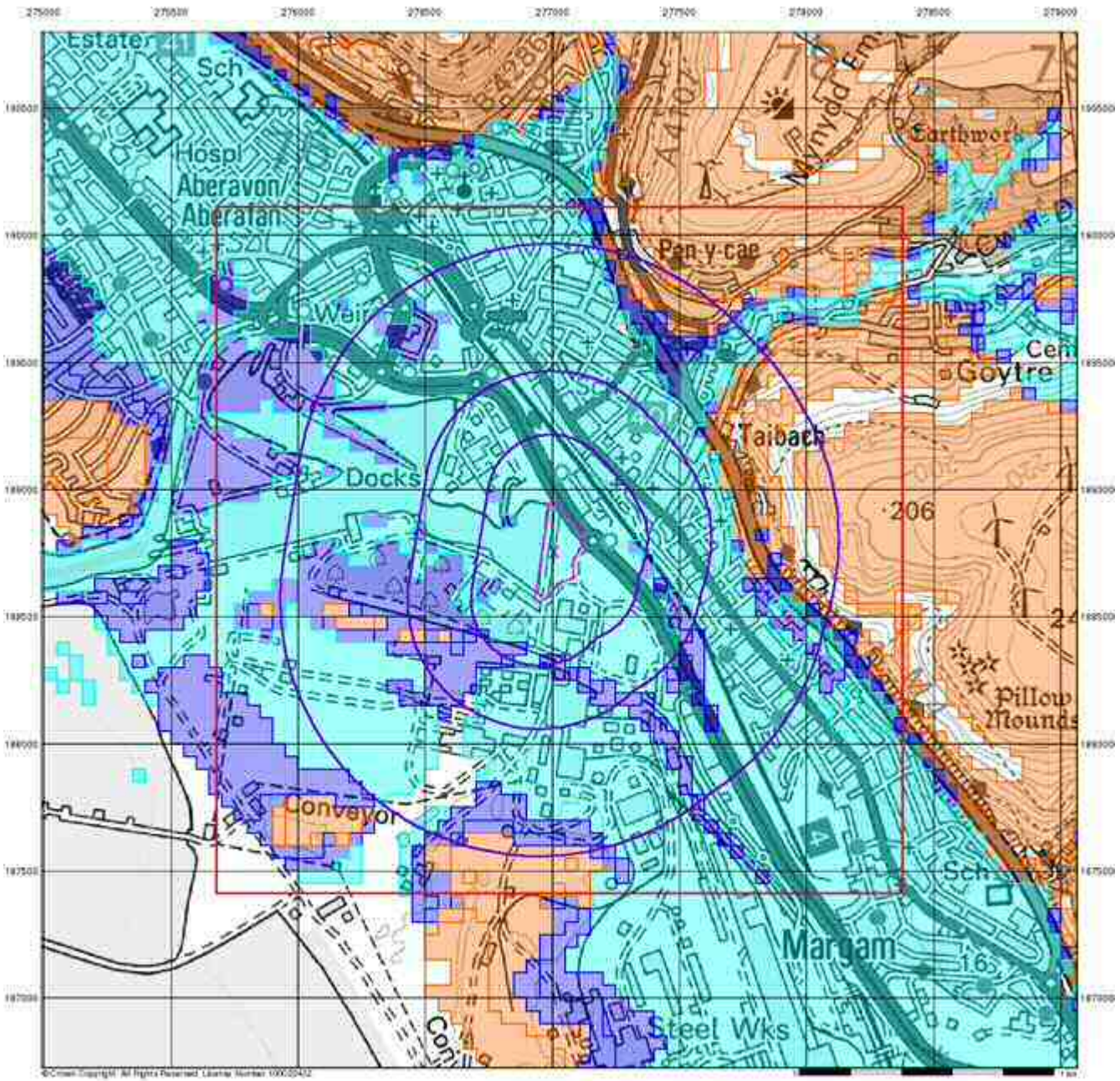


BGS Flood GFS Data

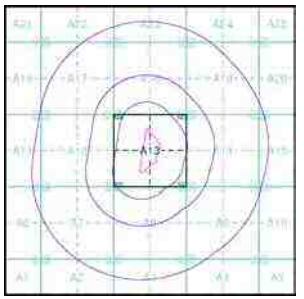
General

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:	309341281_1_1
Customer Ref:	2111006.005
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Slice:	A
Site Area (Ha):	4.24
Search Buffer (m):	1000

Site Details

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Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	LSGR	Landscaped Ground (Undivided)	Artificially Modified Ground	Not Supplied - Holocene
	WGR	Worked Ground (Undivided)	Void	Not Supplied - Holocene
	MGR	Made Ground (Undivided)	Artificial Deposit	Not Supplied - Holocene
	SLIP	Landslide Deposit	Unknown/Unclassified Entry	Not Supplied - Quaternary

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	SUPNM	Superficial Theme Not Mapped [For Digital Map Use Only]	Unknown/Unclassified Entry	Not Supplied - Not Supplied
	TFD	Tidal Flat Deposits	Clay, Silt and Sand	Not Supplied - Holocene
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	GFICD	Glaciofluvial Ice Contact Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	TILLD	Till, Devensian	Diamicton	Not Supplied - Devensian
	ALF	Alluvial Fan Deposits	Sand and Gravel	Not Supplied - Quaternary
	BSA	Blown Sand	Sand	Not Supplied - Quaternary
	STOB	Storm Beach Deposits	Gravel	Not Supplied - Quaternary
	MBD	Marine Beach Deposits	Sand and Gravel	Not Supplied - Quaternary
	HEAD	Head	Clay, Silt, Sand and Gravel	Not Supplied - Quaternary
	MBD	Marine Beach Deposits	Sand	Not Supplied - Quaternary
	RSBD	Raised Storm Beach Deposits	Sand and Gravel	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	BD	Brithdir Member	Sandstone	Not Supplied - Westphalian
	BD	Brithdir Member	Mudstone, Siltstone and	Not Supplied - Westphalian
			Sandstone	
	SWUCM	South Wales Upper Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	LLFB	Llynfi Member	Sandstone	Not Supplied - Westphalian
	LLFB	Llynfi Member	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	RA	Rhondda Member	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	RA	Rhondda Member	Sandstone	Not Supplied - Westphalian
	SWUCM	South Wales Upper Coal Measures Formation	Sandstone	Not Supplied - Westphalian
	SWMCM	South Wales Middle Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	SWLCM	South Wales Lower Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
		Faults		
		Rock Segments		

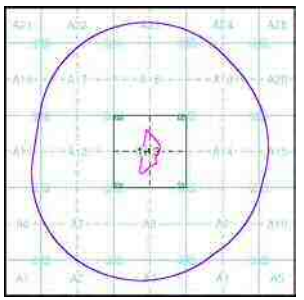
Geology 1:50,000 Maps

This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps.
The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map ID:	**1**
Map Sheet No:	**247**
Map Name:	**Swansea**
Map Date:	**2011**
Bedrock Geology:	**Available**
Superficial Geology:	**Available**
Artificial Geology:	**Available**
Faults:	**Not Supplied**
Landslip:	**Available**
Rock Segments:	**Not Supplied**

Geology 1:50,000 Maps - Slice A



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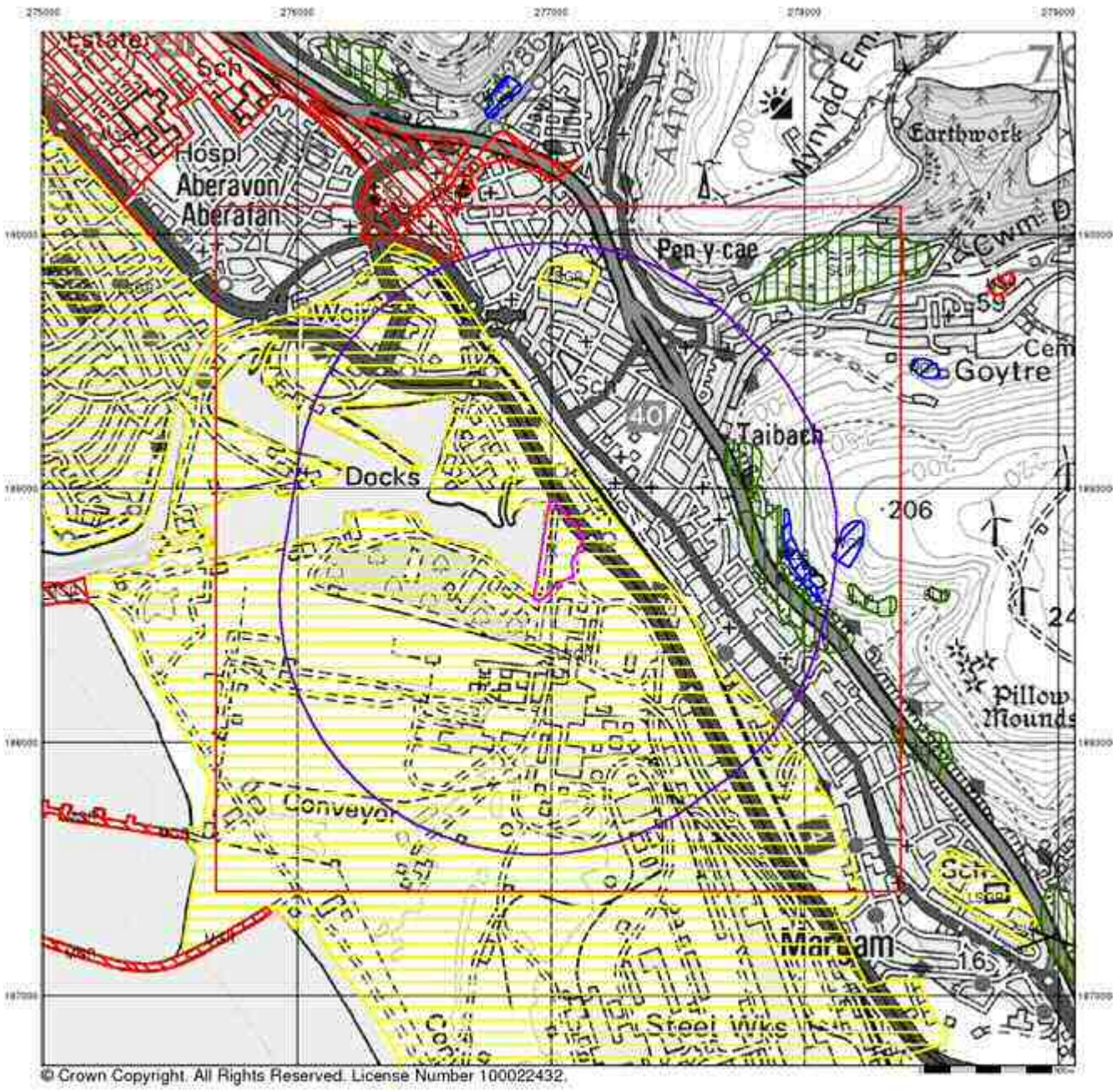


Artificial Ground and Landslip

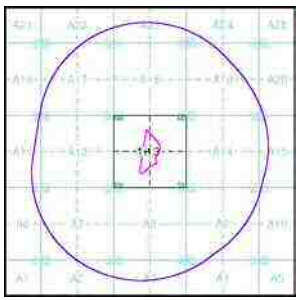
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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



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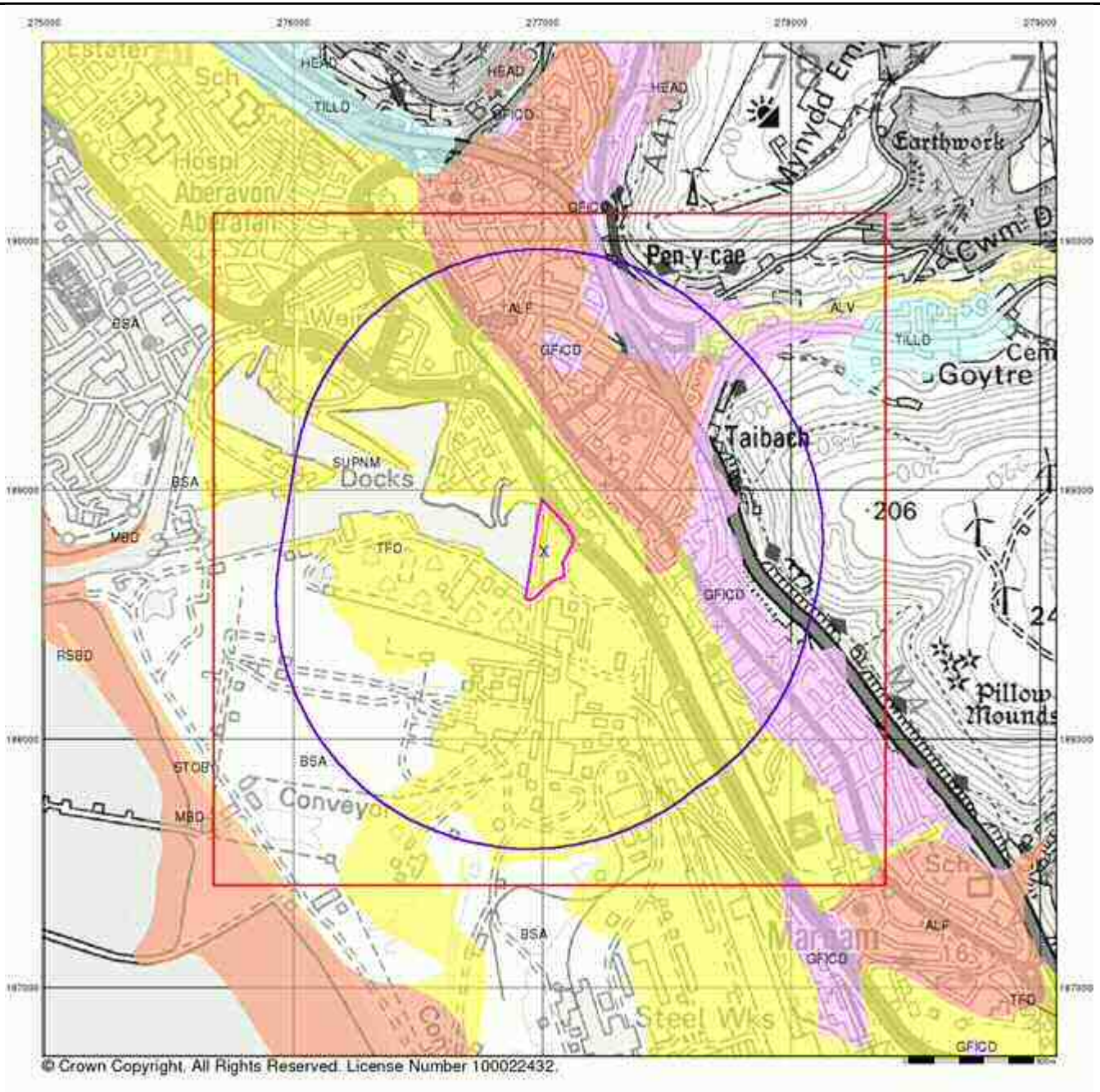


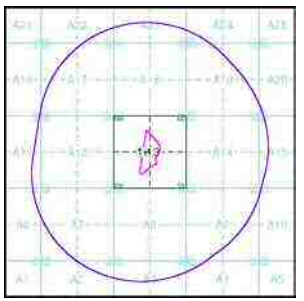
Superficial Geology

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

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

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

Superficial Geology Map - Slice A



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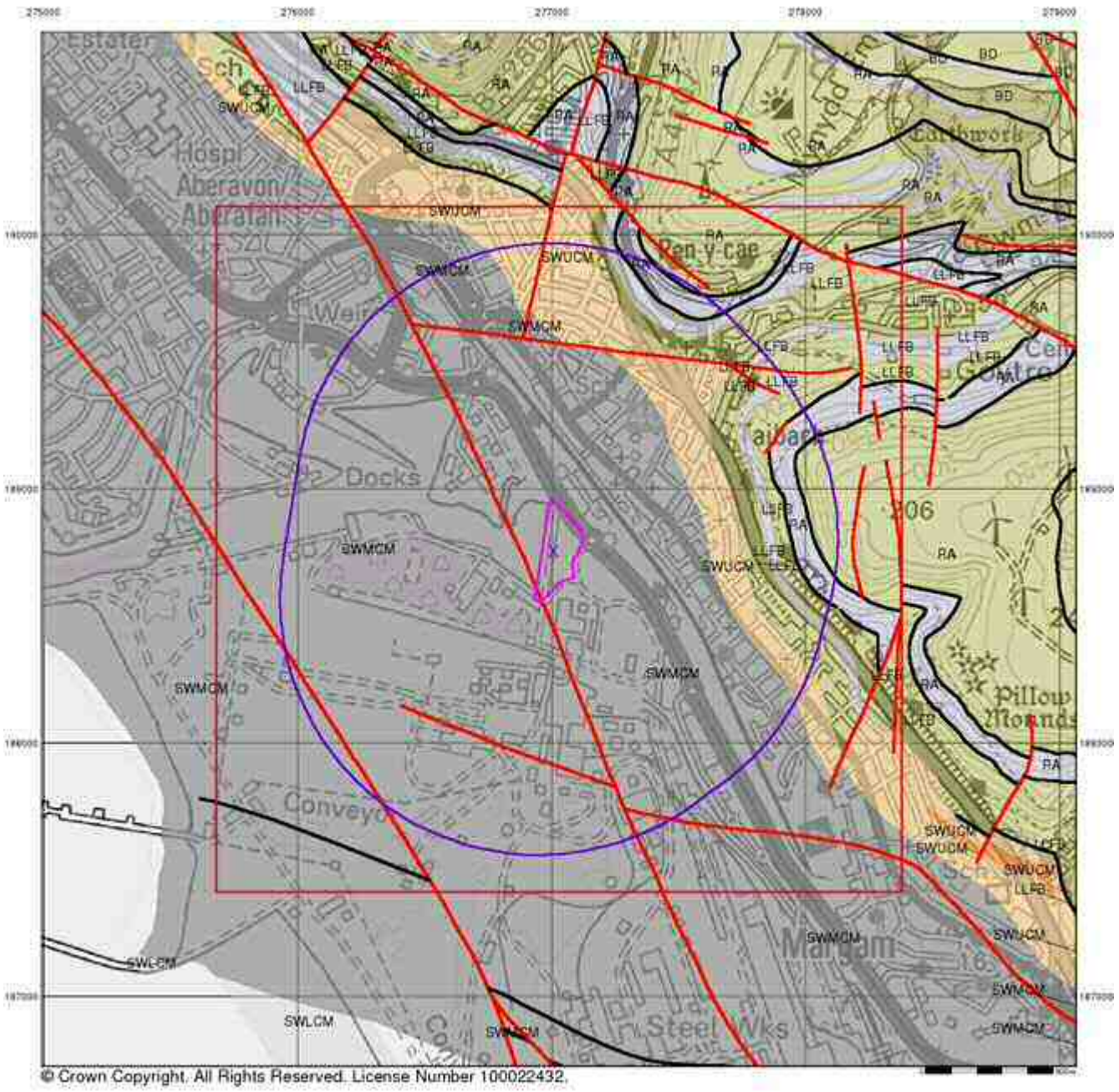

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Bedrock and Faults

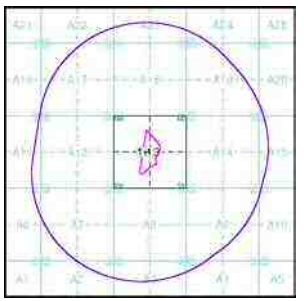
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice A



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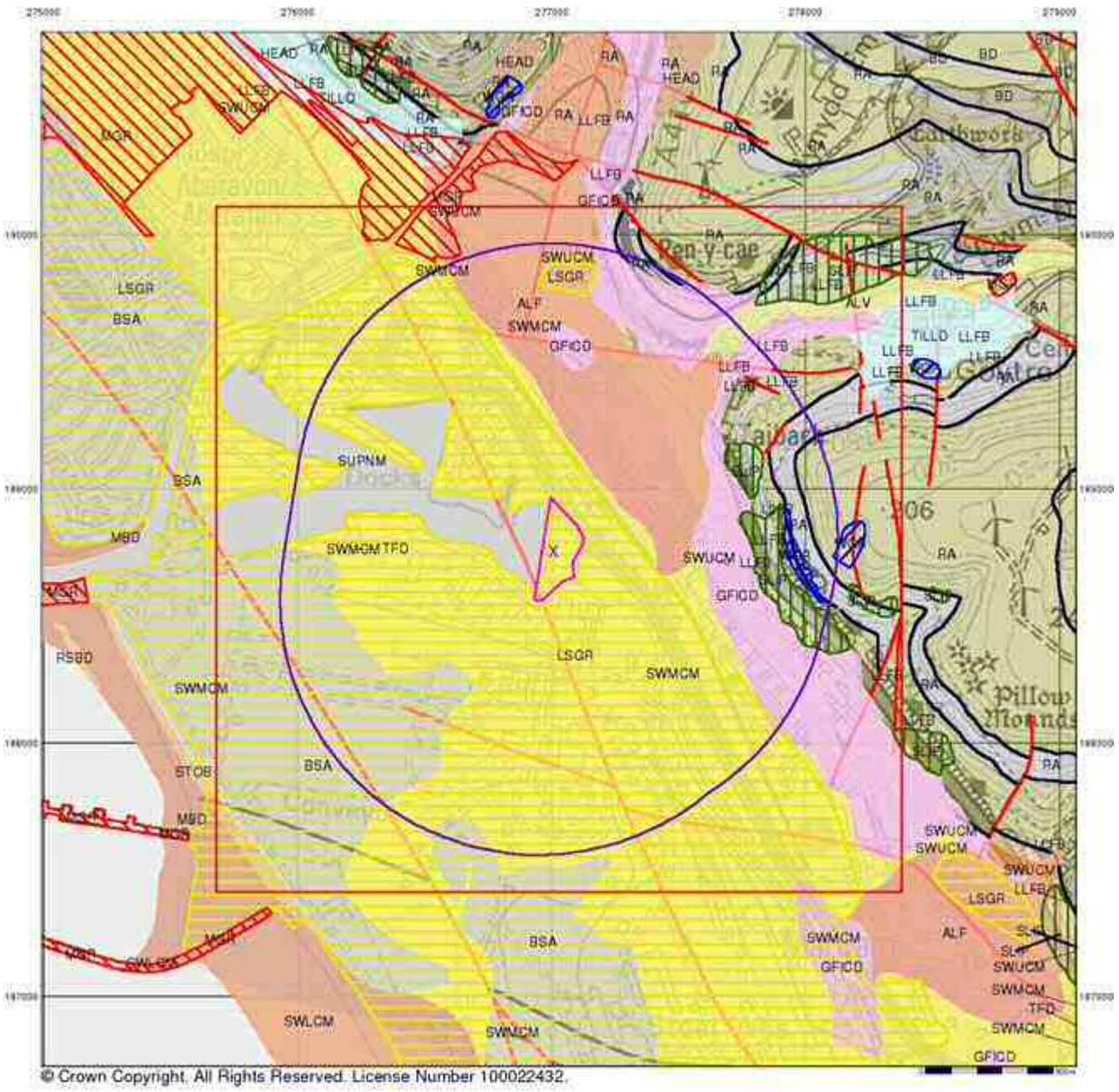

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Combined Surface Geology

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

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

Additional Information

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

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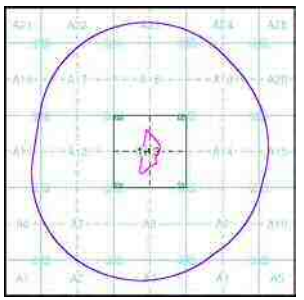
Combined Geology Map - Slice A



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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.