

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

284099786_1_1

Customer Reference:

100381175-006 SV18-01

National Grid Reference:

276120, 187380

Slice:

A

Site Area (Ha):

3.06

Search Buffer (m):

1000

Site Details:

Afan Water Treatment, Phoenix Wharf

The Docks

Port Talbot

SA13 1RA

Client Details:

Miss L Bethell

Mott Macdonald

Demeter House

Station Road

Cambridge

CB1 2RS

Prepared For:

Welsh Water

| Report Section | Page Number |
|----------------------------------|--------------------|
| Summary | - |
| Agency & Hydrological | 1 |
| Waste | 17 |
| Hazardous Substances | 19 |
| Geological | 20 |
| Industrial Land Use | 23 |
| Sensitive Land Use | - |
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Introduction

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

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Report Version v53.0

| Data Type | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---|-------------|---------|-----------|-------------|-----------------------------|
| Agency & Hydrological | | | | | |
| BGS Groundwater Flooding Susceptibility | pg 1 | Yes | Yes | Yes | n/a |
| Contaminated Land Register Entries and Notices | | | | | |
| Discharge Consents | pg 2 | | 3 | 8 | 4 |
| Prosecutions Relating to Controlled Waters | | | n/a | n/a | n/a |
| Enforcement and Prohibition Notices | | | | | |
| Integrated Pollution Controls | | | | | |
| Integrated Pollution Prevention And Control | pg 6 | 2 | | | 3 |
| Local Authority Integrated Pollution Prevention And Control | | | | | |
| Local Authority Pollution Prevention and Controls | pg 7 | | | | 1 |
| Local Authority Pollution Prevention and Control Enforcements | | | | | |
| Nearest Surface Water Feature | pg 7 | | Yes | | |
| Pollution Incidents to Controlled Waters | pg 7 | | 1 | | 1 |
| Prosecutions Relating to Authorised Processes | | | | | |
| Registered Radioactive Substances | | | | | |
| River Quality | | | | | |
| River Quality Biology Sampling Points | | | | | |
| River Quality Chemistry Sampling Points | | | | | |
| Substantiated Pollution Incident Register | | | | | |
| Water Abstractions | pg 7 | | | | (*27) |
| Water Industry Act Referrals | | | | | |
| Groundwater Vulnerability Map | pg 14 | Yes | n/a | n/a | n/a |
| Bedrock Aquifer Designations | pg 14 | Yes | n/a | n/a | n/a |
| Superficial Aquifer Designations | pg 14 | Yes | n/a | n/a | n/a |
| Source Protection Zones | | | | | |
| Extreme Flooding from Rivers or Sea without Defences | pg 15 | | Yes | n/a | n/a |
| Flooding from Rivers or Sea without Defences | pg 15 | | Yes | n/a | n/a |
| Areas Benefiting from Flood Defences | | | | n/a | n/a |
| Flood Water Storage Areas | | | | n/a | n/a |
| Flood Defences | | | | n/a | n/a |
| OS Water Network Lines | pg 15 | | 1 | | 7 |

| 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 17 | 2 | | | |
| Local Authority Landfill Coverage | pg 17 | 1 | n/a | n/a | n/a |
| Local Authority Recorded Landfill Sites | pg 17 | | | 1 | |
| Potentially Infilled Land (Non-Water) | pg 17 | | | | 1 |
| Potentially Infilled Land (Water) | pg 17 | 1 | 1 | 2 | 19 |
| 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 19 | | | | 1 |
| Planning Hazardous Substance Enforcements | | | | | |

| 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 20 | Yes | n/a | n/a | n/a |
| BGS Estimated Soil Chemistry | pg 20 | Yes | | Yes | Yes |
| BGS Recorded Mineral Sites | | | | | |
| BGS Urban Soil Chemistry | | | | | |
| BGS Urban Soil Chemistry Averages | | | | | |
| CBSCB Compensation District | | | n/a | n/a | n/a |
| Coal Mining Affected Areas | pg 21 | Yes | n/a | n/a | n/a |
| Mining Instability | pg 21 | Yes | n/a | n/a | n/a |
| Man-Made Mining Cavities | | | | | |
| Natural Cavities | | | | | |
| Non Coal Mining Areas of Great Britain | | | | n/a | n/a |
| Potential for Collapsible Ground Stability Hazards | | | | n/a | n/a |
| Potential for Compressible Ground Stability Hazards | pg 21 | | Yes | n/a | n/a |
| Potential for Ground Dissolution Stability Hazards | | | | n/a | n/a |
| Potential for Landslide Ground Stability Hazards | pg 21 | Yes | Yes | n/a | n/a |
| Potential for Running Sand Ground Stability Hazards | pg 22 | | Yes | n/a | n/a |
| Potential for Shrinking or Swelling Clay Ground Stability Hazards | pg 22 | | Yes | n/a | n/a |
| Radon Potential - Radon Affected Areas | pg 22 | Yes | n/a | n/a | n/a |
| Radon Potential - Radon Protection Measures | | | n/a | n/a | n/a |
| Industrial Land Use | | | | | |
| Contemporary Trade Directory Entries | pg 23 | | | | 1 |
| Fuel Station Entries | | | | | |
| Points of Interest - Commercial Services | | | | | |
| Points of Interest - Education and Health | | | | | |
| Points of Interest - Manufacturing and Production | pg 23 | | 7 | 13 | 35 |
| Points of Interest - Public Infrastructure | pg 27 | 3 | 5 | 2 | 2 |
| Points of Interest - Recreational and Environmental | | | | | |
| Gas Pipelines | | | | | |
| Underground Electrical Cables | | | | | |

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

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|---|--|------------------------------|---------|------------------|
| | BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13NW (N) | 0 | 1 | 276118 187500 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface | A13NW (N) | 0 | 1 | 276118 187450 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13NW (N) | 41 | 1 | 276100 187550 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur | A13NW (N) | 91 | 1 | 276100 187600 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13NW (N) | 91 | 1 | 276118 187600 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur | A13NE (N) | 98 | 1 | 276150 187600 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur | A13NW (N) | 103 | 1 | 276050 187600 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13NE (N) | 117 | 1 | 276200 187600 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur | A13NW (NW) | 158 | 1 | 275950 187600 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13NE (NE) | 187 | 1 | 276250 187650 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13NW (NW) | 190 | 1 | 275900 187600 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface | A13NE (E) | 194 | 1 | 276400 187400 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13NE (E) | 227 | 1 | 276450 187381 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A18SE (N) | 246 | 1 | 276150 187750 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A14SW (E) | 277 | 1 | 276500 187350 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur | A14SW (E) | 278 | 1 | 276500 187300 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur | A14SW (E) | 286 | 1 | 276500 187250 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A14NW (E) | 288 | 1 | 276500 187400 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface | A18SE (NE) | 297 | 1 | 276300 187750 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur | A14NW (E) | 327 | 1 | 276500 187500 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur | A14SW (E) | 327 | 1 | 276550 187350 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A14NW (NE) | 370 | 1 | 276500 187600 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|--|--|------------------------------|---------|------------------|
| | BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A14NW (E) | 378 | 1 | 276600 187381 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur | A14NW (E) | 386 | 1 | 276600 187400 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur | A14NW (E) | 446 | 1 | 276650 187450 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A14NW (NE) | 460 | 1 | 276600 187600 |
| 1 | Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewage Disposal Works - Water Company Location: Afan Wwtw Phoenix Wharf Harbour Rd, Phoenix Wharf Harbour Rd, Port Talbot Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Bp028770101 Permit Version: 1 Effective Date: 1st December 2000 Issued Date: 1st December 2000 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Controlled Sea Environment: Receiving Water: Swansea Bay Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m | A13SW (SW) | 85 | 2 | 275980 187290 |
| 1 | Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Staions Location: Afan Wwtw Phoenix Wharf Harbour Rd, Phoenix Wharf Harbour Rd, Port Talbot Authority: Natural Resources Wales Catchment Area: SWANSEA BAY Reference: Bp0287701 Permit Version: 1 Effective Date: 1st December 2000 Issued Date: 1st December 2000 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Controlled Sea Environment: Receiving Water: Swansea Bay Status: Effective Positional Accuracy: Located by supplier to within 10m | A13SW (SW) | 85 | 2 | 275980 187290 |
| 1 | Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Staions Location: Afan Wwtw Phoenix Wharf Harbour Rd, Phoenix Wharf Harbour Rd, Port Talbot Authority: Natural Resources Wales Catchment Area: SWANSEA BAY Reference: Bp0287701 Permit Version: 1 Effective Date: 1st December 2000 Issued Date: 1st December 2000 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Controlled Sea Environment: Receiving Water: Swansea Bay Status: Effective Positional Accuracy: Located by supplier to within 10m | A13SW (SW) | 85 | 2 | 275980 187290 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|---|--|------------------------------|---------|------------------|
| 2 | <p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Staions Location: Abbey Sps British Steel Site, Port Talbot Authority: Natural Resources Wales Catchment Area: SWANSEA BAY Reference: Bw0202801 Permit Version: 3 Effective Date: 1st December 2000 Issued Date: 1st December 2000 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Controlled Sea Environment: Receiving Water: Swansea Bay Status: Effective Positional Accuracy: Located by supplier to within 10m</p> | A13SW (SW) | 300 | 2 | 275850 187090 |
| 2 | <p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Station - Water Company Location: Abbey Sps British Steel Site, Port Talbot Authority: Environment Agency, Welsh Region Catchment Area: Not Supplied Reference: Bw020280102 Permit Version: 1 Effective Date: 1st December 2000 Issued Date: 1st December 2000 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Controlled Sea Environment: Receiving Water: Swansea Bay Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p> | A13SW (SW) | 300 | 3 | 275850 187090 |
| 2 | <p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Staions Location: Abbey Sps British Steel Site, Port Talbot Authority: Natural Resources Wales Catchment Area: SWANSEA BAY Reference: Bw0202801 Permit Version: 3 Effective Date: 1st December 2000 Issued Date: 1st December 2000 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Controlled Sea Environment: Receiving Water: Swansea Bay Status: Effective Positional Accuracy: Located by supplier to within 10m</p> | A13SW (SW) | 300 | 2 | 275850 187090 |
| 2 | <p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Staions Location: Abbey Sps British Steel Site, Port Talbot Authority: Natural Resources Wales Catchment Area: SWANSEA BAY Reference: Bw0202801 Permit Version: 3 Effective Date: 1st December 2000 Issued Date: 1st December 2000 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Controlled Sea Environment: Receiving Water: Swansea Bay Status: Effective Positional Accuracy: Located by supplier to within 10m</p> | A13SW (SW) | 300 | 2 | 275850 187090 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|---|--|------------------------------|---------|------------------|
| 2 | <p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Staions Location: Abbey Sps British Steel Site, Port Talbot Authority: Natural Resources Wales Catchment Area: SWANSEA BAY Reference: Bw0202801 Permit Version: 3 Effective Date: 1st December 2000 Issued Date: 1st December 2000 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Controlled Sea Environment: Receiving Water: Swansea Bay Status: Effective Positional Accuracy: Located by supplier to within 10m</p> | A13SW (SW) | 300 | 2 | 275850 187090 |
| 3 | <p>Discharge Consents</p> <p>Operator: British Steel Plc (Tinplate) Property Type: Iron & Steel Industries Location: Port Talbot Strip Product Works Mar, Strip Product Works Margam Outfa, Margam Outfall Authority: Natural Resources Wales Catchment Area: Boundary Of HA 58 & HA 59 Reference: Bp0059202 Permit Version: 3 Effective Date: 1st August 1995 Issued Date: 31st July 1995 Revocation Date: 30th August 1995 Discharge Type: Sewerage System Discharge Discharge: Not Supplied Environment: Receiving Water: Swansea Bay Status: Revoked and replaced by IPC Authorisation Positional Accuracy: Located by supplier to within 100m</p> | A12SE (SW) | 422 | 2 | 275700 187100 |
| 3 | <p>Discharge Consents</p> <p>Operator: British Steel Plc (Tinplate) Property Type: Iron & Steel Industries Location: Port Talbot Strip Product Works Mar, Strip Product Works Margam Outfa, Margam Outfall Authority: Natural Resources Wales Catchment Area: Boundary Of HA 58 & HA 59 Reference: Bp0059202 Permit Version: 2 Effective Date: 7th March 1993 Issued Date: 7th December 1992 Revocation Date: 31st July 1995 Discharge Type: Sewerage System Discharge Discharge: Not Supplied Environment: Receiving Water: Swansea Bay Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m</p> | A12SE (SW) | 422 | 2 | 275700 187100 |
| 3 | <p>Discharge Consents</p> <p>Operator: British Steel Plc (Tinplate) Property Type: Iron & Steel Industries Location: Port Talbot Strip Product Works Mar, Strip Product Works Margam Outfa, Margam Outfall Authority: Natural Resources Wales Catchment Area: Boundary Of HA 58 & HA 59 Reference: Bp0059202 Permit Version: 1 Effective Date: 16th September 1987 Issued Date: 16th September 1987 Revocation Date: 6th March 1993 Discharge Type: Sewerage System Discharge Discharge: Not Supplied Environment: Receiving Water: Swansea Bay Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m</p> | A12SE (SW) | 422 | 2 | 275700 187100 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|---|--|------------------------------|---------|------------------|
| 4 | <p>Discharge Consents</p> <p>Operator: Company Secretary And Director Wales Property Type: Iron & Steel Industries Location: Multiserv Group Limited, Central Workshop, Metal Recovery Site, Port Talbot, West Glamorgan, Sa13 1ra Authority: Natural Resources Wales Catchment Area: River Afan Reference: Npswqd002493 Permit Version: 2 Effective Date: 26th November 2012 Issued Date: 26th November 2012 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Groundwaters Via A Soakaway Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p> | A14SW (E) | 551 | 2 | 276768 187238 |
| 4 | <p>Discharge Consents</p> <p>Operator: Company Secretary And Director Wales Property Type: Not Supplied Location: Multiserv Group Limited, Central Workshop, Metal Recovery Site, Port Talbot, West Glamorgan, Sa13 1ra Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Wqd002493 Permit Version: 2 Effective Date: 26th November 2012 Issued Date: 26th November 2012 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Into Land Environment: Receiving Water: Groundwater Via Infiltration System Status: Effective Positional Accuracy: Located by supplier to within 10m</p> | A14SW (E) | 551 | 2 | 276768 187238 |
| 4 | <p>Discharge Consents</p> <p>Operator: Company Secretary And Director Wales Property Type: Iron & Steel Industries Location: Multiserv Group Limited, Central Workshop, Metal Recovery Site, Port Talbot, West Glamorgan, Sa13 1ra Authority: Natural Resources Wales Catchment Area: River Afan Reference: Npswqd002493 Permit Version: 1 Effective Date: 21st August 2008 Issued Date: 21st August 2008 Revocation Date: 25th November 2012 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Groundwaters Via A Soakaway Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p> | A14SW (E) | 551 | 2 | 276768 187238 |
| 5 | <p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Station - Water Company Location: Aberdulais Sps, Neath, Neath Port Talbot Authority: Natural Resources Wales Catchment Area: Arnallt Brook Reference: Bw0202801 Permit Version: 1 Effective Date: 1st January 1901 Issued Date: 1st January 1901 Revocation Date: 9th May 1993 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Swansea Bay Via Betsi Lagoon Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m</p> | A14NE (E) | 798 | 2 | 277000 187500 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|---|--|------------------------------|---------|------------------|
| 6 | <p>Integrated Pollution Prevention And Control</p> <p>Name: Dwr Cymru Cyfyngedig (Welsh Water) Location: Afan Wastewater Treatment Works, Afan Waste Water Treatment Works, The Docks, PORT TALBOT, West Glamorgan, SA13 1RB Authority: Environment Agency, Welsh Region Permit Reference: QP3634ZY Original Permit Ref: Zp3032kq Effective Date: 27th March 2013 Status: Effective Application Type: Variation App. Sub Type: Minor Positional Accuracy: Located by supplier to within 100m Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: Y</p> | A13NW (N) | 0 | 3 | 276120 187400 |
| 6 | <p>Integrated Pollution Prevention And Control</p> <p>Name: Dwr Cymru Cyfyngedig (Welsh Water) Location: Afan Wastewater Treatment Works Ea/Epr/Zp3032kq/A001, Afan Waste Water Treatment Works, The Docks, PORT TALBOT, West Glamorgan, SA13 1RB Authority: Natural Resources Wales Permit Reference: ZP3032KQ Original Permit Ref: Zp3032kq Effective Date: 26th May 2010 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Located by supplier to within 100m Activity Code: 1.1 A(1) (B) (I) Activity Description: Combustion; Recovered Oil Greater Or Equal To 3Mw But Less Than 50Mw Primary Activity: Y</p> | A13NW (N) | 0 | 2 | 276120 187400 |
| 7 | <p>Integrated Pollution Prevention And Control</p> <p>Name: Prenergy Power Ltd Location: Port Talbot Renewable Energy Plant, Port Talbot Renewable Energy Plant, Port Talbot Dock,, Port Talbot, SA13 1RB Authority: Natural Resources Wales Permit Reference: QP3232NY Original Permit Ref: Bp3936ls Effective Date: 1st August 2013 Status: Surrender Effective Application Type: Surrender App. Sub Type: Whole Positional Accuracy: Located by supplier to within 10m Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N</p> | A17SE (NW) | 646 | 2 | 275630 187970 |
| 7 | <p>Integrated Pollution Prevention And Control</p> <p>Name: Prenergy Power Ltd Location: Port Talbot Renewable Energy Plant, Port Talbot Renewable Energy Plant, Port Talbot Dock,, Port Talbot, SA13 1RB Authority: Natural Resources Wales Permit Reference: DP3933HA Original Permit Ref: Bp3936ls Effective Date: 23rd March 2011 Status: Superseded By Variation Application Type: Variation App. Sub Type: Standard Positional Accuracy: Located by supplier to within 100m Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Y</p> | A17SE (NW) | 646 | 2 | 275630 187970 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|---|--|------------------------------|---------|------------------|
| 7 | <p>Integrated Pollution Prevention And Control</p> <p>Name: Prenergy Power Ltd Location: Port Talbot Renewable Energy Plant, Port Talbot Renewable Energy Plant, Port Talbot Dock,, Port Talbot, SA13 1RB Authority: Natural Resources Wales Permit Reference: BP3936LS Original Permit Ref: Bp3936ls Effective Date: 29th September 2009 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Located by supplier to within 10m Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Y</p> | A17SE (NW) | 646 | 2 | 275630 187970 |
| 8 | <p>Local Authority Pollution Prevention and Controls</p> <p>Name: Tarmac Western Ltd Location: Margam Slagworks, PO Box 12, PORT TALBOT, . Authority: Neath Port Talbot County Borough Council, Environmental Health Department Permit Reference: E3/1/96 Dated: 25th October 2002 Process Type: Local Authority Air Pollution Control Description: PG3/16 Mobile screening and crushing processes Status: Authorised Positional Accuracy: Manually positioned to the address or location</p> | A9NE (SE) | 834 | 4 | 276957 186924 |
| | <p>Nearest Surface Water Feature</p> | A13NE (NE) | 40 | - | 276209 187445 |
| 9 | <p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Afan Pumping Station Authority: Environment Agency, Welsh Region Pollutant: Chemicals - Paints / Dyes Note: Coastal Discharge; Effluent Quality Incident Date: 20th February 1998 Incident Reference: 34834 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Deliberate Act Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p> | A13SW (SW) | 63 | 3 | 276000 187300 |
| 10 | <p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: PORT TALBOT Authority: Environment Agency, Welsh Region Pollutant: Farm Effluent/Slurry Note: Not Supplied Incident Date: 20th August 1991 Incident Reference: 1841 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</p> | A9SW (SE) | 849 | 3 | 276500 186500 |
| | <p>Water Abstractions</p> <p>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</p> | A24SE (NE) | 1320 | 3 | 276890 188585 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|---|--|------------------------------|---------|------------------|
| | <p>Water Abstractions</p> <p>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</p> | A24SE (NE) | 1324 | 2 | 276890 188590 |
| | <p>Water Abstractions</p> <p>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</p> | A24SE (NE) | 1324 | 2 | 276890 188590 |
| | <p>Water Abstractions</p> <p>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</p> | A24SE (NE) | 1324 | 3 | 276890 188590 |
| | <p>Water Abstractions</p> <p>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</p> | A24SE (NE) | 1324 | 2 | 276890 188590 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|--|--|------------------------------|---------|------------------|
| | <p>Water Abstractions</p> <p>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</p> | A24SE (NE) | 1324 | 2 | 276890 188590 |
| | <p>Water Abstractions</p> <p>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</p> | A23NE (N) | 1358 | 3 | 276240 188860 |
| | <p>Water Abstractions</p> <p>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</p> | A23NE (N) | 1358 | 3 | 276240 188860 |
| | <p>Water Abstractions</p> <p>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</p> | A23NE (N) | 1358 | 3 | 276240 188860 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|--|--|------------------------------|---------|------------------|
| | <p>Water Abstractions</p> <p>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</p> | A23NE (N) | 1377 | 2 | 276230 188880 |
| | <p>Water Abstractions</p> <p>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</p> | A23NE (N) | 1377 | 3 | 276230 188880 |
| | <p>Water Abstractions</p> <p>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</p> | A23NE (N) | 1377 | 3 | 276230 188880 |
| | <p>Water Abstractions</p> <p>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</p> | A23NE (N) | 1377 | 2 | 276230 188880 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|---|--|------------------------------|---------|------------------|
| | <p>Water Abstractions</p> <p>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</p> | (E) | 1636 | 3 | 277820 187673 |
| | <p>Water Abstractions</p> <p>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</p> | A24NE (NE) | 1655 | 3 | 276967 188933 |
| | <p>Water Abstractions</p> <p>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</p> | A25NW (NE) | 1699 | 3 | 277150 188865 |
| | <p>Water Abstractions</p> <p>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</p> | A25NW (NE) | 1703 | 2 | 277150 188870 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|--|--|------------------------------|---------|------------------|
| | <p>Water Abstractions</p> <p>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</p> | A25NW (NE) | 1703 | 2 | 277150 188870 |
| | <p>Water Abstractions</p> <p>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</p> | A25NW (NE) | 1703 | 3 | 277150 188870 |
| | <p>Water Abstractions</p> <p>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</p> | A25NW (NE) | 1703 | 2 | 277150 188870 |
| | <p>Water Abstractions</p> <p>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</p> | A25NW (NE) | 1703 | 2 | 277150 188870 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|--|--|------------------------------|---------|------------------|
| | <p>Water Abstractions</p> <p>Operator: Tata Steel Uk Limited Licence Number: 21/58/34/0002 Permit Version: 101 Location: Ditch Passing Through Abbey Works (Mother Ditch Point B) 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</p> | A10SE (SE) | 1735 | 2 | 277730 186460 |
| | <p>Water Abstractions</p> <p>Operator: Tata Steel Uk Limited Licence Number: 21/58/34/0002 Permit Version: 101 Location: Ditch Passing Through Abbey Works (Mother Ditch Point B) 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</p> | A10SE (SE) | 1735 | 2 | 277730 186460 |
| | <p>Water Abstractions</p> <p>Operator: Corus Uk Strip Products Licence Number: 21/58/34/0002 Permit Version: 100 Location: Ditch Passing Through Abbey Works (Mother Ditch Point B) 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: Ditch Passing Through Abbey Wks 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</p> | A10SE (SE) | 1735 | 3 | 277730 186460 |
| | <p>Water Abstractions</p> <p>Operator: Tata Steel Uk Limited Licence Number: 21/58/34/0002 Permit Version: Not Supplied Location: Land At British Steel At 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</p> | A10SE (SE) | 1735 | 2 | 277730 186460 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|--|--|------------------------------|---------|------------------|
| | <p>Water Abstractions</p> <p>Operator: Tata Steel Uk Limited Licence Number: 21/58/34/0002 Permit Version: Not Supplied Location: Land At British Steel At 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</p> | A10SE (SE) | 1735 | 2 | 277730 186460 |
| | <p>Water Abstractions</p> <p>Operator: Corus Uk Strip Products Licence Number: 21/58/34/0002 Permit Version: 100 Location: Ditch Passing Through Abbey Works (Mother Ditch Point B) 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</p> | A10SE (SE) | 1738 | 3 | 277730 186455 |
| | <p>Groundwater Vulnerability Map</p> <p>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</p> | A13NW (SE) | 0 | 2 | 276118 187381 |
| | <p>Groundwater Vulnerability Map</p> <p>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</p> | A13NW (N) | 0 | 2 | 276120 187430 |
| | <p>Bedrock Aquifer Designations</p> <p>Aquifer Designation: Secondary Aquifer - A</p> | A13NW (SE) | 0 | 2 | 276118 187381 |
| | <p>Superficial Aquifer Designations</p> <p>Aquifer Designation: Secondary Aquifer - A</p> | A13NW (N) | 0 | 2 | 276120 187430 |
| | <p>Superficial Aquifer Designations</p> <p>Aquifer Designation: Secondary Aquifer - Undifferentiated</p> | A13NW (SE) | 0 | 2 | 276118 187381 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| | Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied | A13SW (SW) | 30 | 2 | 276031 187288 |
| | 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) | 32 | 2 | 276028 187290 |
| | Areas Benefiting from Flood Defences None | | | | |
| | Flood Water Storage Areas None | | | | |
| | Flood Defences None | | | | |
| 11 | 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 | A13NE (NE) | 40 | 5 | 276209 187445 |
| 12 | 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 | A19SW (NE) | 519 | 5 | 276499 187872 |
| 13 | 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 | A19SW (NE) | 721 | 5 | 276717 187927 |
| 14 | 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 | A18NE (N) | 738 | 5 | 276244 188233 |
| 15 | 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 | A18NW (N) | 747 | 5 | 276091 188256 |
| 16 | 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 | A18NW (N) | 749 | 5 | 276081 188258 |
| 17 | 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 | A18NE (N) | 837 | 5 | 276268 188330 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|---|--|------------------------------|---------|------------------|
| 18 | 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 | A23SE (N) | 933 | 5 | 276277 188425 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|--|--|------------------------------|---------|------------------|
| 19 | <p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: ZP3032KQ Location: Afan Combined Heat And Power Facility, Afan Combined Heat And Power Facility, Phoenix Walk, Port Talbot, Neath Port Talbot, SA13 1RA Operator Name: Dwr Cymru Cyfyngedig Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Landfill Gas Engine (<3 mW) Licence Status: Effective Issued: 24th September 2018 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m</p> | A13SW (S) | 0 | 2 | 276100 187300 |
| 20 | <p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 400062 Location: Afan Waste Water Treatment Works, Harbour Road, Phoenix Walk, Port Talbot, SA13 1RA Operator Name: Dwr Cymru Cyfyngedig Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Landfill Gas Engine (<3 mW) Licence Status: Issued Issued: 27th March 2013 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m</p> | A13NW (N) | 0 | 2 | 276120 187400 |
| | <p>Local Authority Landfill Coverage</p> <p>Name: Neath Port Talbot County Borough Council - Has supplied landfill data</p> | | 0 | 4 | 276118 187381 |
| 21 | <p>Local Authority Recorded Landfill Sites</p> <p>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</p> | A18SE (NE) | 399 | 4 | 276400 187800 |
| 22 | <p>Potentially Infilled Land (Non-Water)</p> <p>Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993</p> | A18SW (NW) | 595 | - | 275804 188026 |
| 23 | <p>Potentially Infilled Land (Water)</p> <p>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965</p> | A13NW (SE) | 0 | - | 276118 187381 |
| 24 | <p>Potentially Infilled Land (Water)</p> <p>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951</p> | A13NE (NE) | 241 | - | 276312 187665 |
| 25 | <p>Potentially Infilled Land (Water)</p> <p>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921</p> | A13NE (NE) | 266 | - | 276345 187664 |
| 26 | <p>Potentially Infilled Land (Water)</p> <p>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965</p> | A13NE (NE) | 325 | - | 276391 187702 |
| 27 | <p>Potentially Infilled Land (Water)</p> <p>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965</p> | A18SW (N) | 546 | - | 276096 188055 |
| 28 | <p>Potentially Infilled Land (Water)</p> <p>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965</p> | A12SE (SW) | 559 | - | 275526 187131 |
| 29 | <p>Potentially Infilled Land (Water)</p> <p>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951</p> | A14NW (NE) | 564 | - | 276663 187708 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|--|--|------------------------------|---------|------------------|
| 30 | Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951 | A14NW (NE) | 615 | - | 276748 187648 |
| 31 | Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921 | A19SW (NE) | 620 | - | 276717 187725 |
| 32 | Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921 | A14NW (E) | 630 | - | 276768 187642 |
| 33 | Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900 | A14NW (E) | 649 | - | 276784 187653 |
| 34 | Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951 | A19SW (NE) | 665 | - | 276608 187970 |
| 35 | Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921 | A19SW (NE) | 666 | - | 276610 187969 |
| 36 | Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951 | A14NE (E) | 750 | - | 276943 187530 |
| 37 | Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965 | A18NE (N) | 764 | - | 276325 188243 |
| 38 | Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885 | A19SW (NE) | 768 | - | 276789 187903 |
| 39 | Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951 | A19NW (NE) | 805 | - | 276637 188132 |
| 40 | Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885 | A14NE (E) | 830 | - | 276985 187649 |
| 41 | Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885 | A14NE (E) | 913 | - | 277099 187576 |
| 42 | Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900 | A15SW (E) | 988 | - | 277203 187193 |
| 43 | Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951 | A15SW (E) | 990 | - | 277212 187369 |
| 44 | Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900 | A15NW (E) | 994 | - | 277176 187602 |
| 45 | Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900 | A15SW (E) | 995 | - | 277214 187232 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|---|--|------------------------------|---------|------------------|
| 46 | <p>Planning Hazardous Substance Consents</p> <p>Name: British Oxygen Location: Bos Recovery Plant, Corus, Port Talbot Authority: Neath Port Talbot County Borough Council, Planning Department Application Ref: 08/786 Hazardous Substance: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not) Maximum Quantity: 0 Application date: Not Supplied Decision: Unknown at time of report Positional Accuracy: Manually positioned within the geographical locality</p> | A14NW (E) | 629 | 6 | 276785 187604 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|--|--|------------------------------|---------|---------------|
| | BGS 1:625,000 Solid Geology Description: Pennine Middle Coal Measures Formation And South Wales Middle Coal Measures Formation (Undifferentiated) | A13NW (SE) | 0 | 1 | 276118 187381 |
| | 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 | A13NW (N) | 0 | 1 | 276120 187430 |
| | 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 | A13NW (SE) | 0 | 1 | 276118 187381 |
| | 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 | A14NW (E) | 364 | 1 | 276555 187490 |
| | 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 | A18SW (N) | 491 | 1 | 276118 188000 |
| | 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 | A18SW (N) | 501 | 1 | 276000 188000 |
| | BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: no data Cadmium Concentration: <1.8 mg/kg Chromium Concentration: no data Lead Concentration: <100 mg/kg Nickel Concentration: no data | A12SE (SW) | 519 | 1 | 275598 187082 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|--|--|------------------------------|---------|------------------|
| | BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: no data Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: no data Nickel: 30 - 45 mg/kg Concentration: | A8SW (S) | 752 | 1 | 276118 186500 |
| | BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 35 - 45 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration: | A17SW (NW) | 768 | 1 | 275385 187876 |
| | BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 25 - 35 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration: | A9NW (SE) | 784 | 1 | 276732 186723 |
| | BGS Measured Urban Soil Chemistry No data available | | | | |
| | BGS Urban Soil Chemistry Averages No data available | | | | |
| | 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. | A13NW (SE) | 0 | 7 | 276118 187381 |
| | Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied | A13NW (SE) | 0 | - | 276118 187381 |
| | 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 | A13NW (SE) | 0 | 1 | 276118 187381 |
| | Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service | A13NW (SE) | 0 | 1 | 276118 187381 |
| | Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service | A13SW (W) | 141 | 1 | 275894 187329 |
| | Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service | A13NW (SE) | 0 | 1 | 276118 187381 |
| | Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service | A13NW (SE) | 0 | 1 | 276118 187381 |
| | Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service | A13NE (NE) | 131 | 1 | 276230 187592 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|--|--|------------------------------|---------|------------------|
| | Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service | A13NE (NE) | 192 | 1 | 276262 187646 |
| | Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service | A13SE (SE) | 234 | 1 | 276443 187241 |
| | Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service | A13NW (SE) | 0 | 1 | 276118 187381 |
| | Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service | A13SW (SW) | 12 | 1 | 276041 187319 |
| | Potential for Running Sand Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service | A13SW (SW) | 29 | 1 | 276028 187278 |
| | Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service | A13SW (W) | 141 | 1 | 275894 187329 |
| | Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service | A13NW (SE) | 0 | 1 | 276118 187381 |
| | Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service | A13NE (E) | 13 | 1 | 276196 187413 |
| | Radon Potential - Radon Affected Areas Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service | A13NW (SE) | 0 | 1 | 276118 187381 |
| | 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 (S) | 0 | 1 | 276118 187351 |
| | 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 | A13NW (SE) | 0 | 1 | 276118 187381 |
| | 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 (S) | 0 | 1 | 276118 187351 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|--|--|------------------------------|---------|------------------|
| 47 | <p>Contemporary Trade Directory Entries</p> <p>Name: Cambrian Stone Location: Slag Granulation Plant, Port Talbot Steelworks, Grange Road, Margam, SA13 2NG Classification: Sand, Gravel & Other Aggregates Status: Active Positional Accuracy: Automatically positioned to the address</p> | A9NE (SE) | 772 | - | 276886 186925 |
| 48 | <p>Points of Interest - Manufacturing and Production</p> <p>Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location</p> | A13SW (SW) | 22 | 8 | 276026 187337 |
| 48 | <p>Points of Interest - Manufacturing and Production</p> <p>Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location</p> | A13SW (W) | 70 | 8 | 275965 187346 |
| 49 | <p>Points of Interest - Manufacturing and Production</p> <p>Name: Works Location: SA13 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location</p> | A13SE (E) | 150 | 8 | 276373 187330 |
| 49 | <p>Points of Interest - Manufacturing and Production</p> <p>Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location</p> | A13SE (E) | 150 | 8 | 276373 187329 |
| 50 | <p>Points of Interest - Manufacturing and Production</p> <p>Name: Tanks Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location</p> | A13NE (E) | 216 | 8 | 276388 187479 |
| 50 | <p>Points of Interest - Manufacturing and Production</p> <p>Name: Works Location: SA13 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location</p> | A13NE (E) | 221 | 8 | 276390 187485 |
| 50 | <p>Points of Interest - Manufacturing and Production</p> <p>Name: Tanks Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location</p> | A13NE (E) | 227 | 8 | 276421 187432 |
| 51 | <p>Points of Interest - Manufacturing and Production</p> <p>Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location</p> | A18SE (N) | 272 | 8 | 276232 187757 |
| 52 | <p>Points of Interest - Manufacturing and Production</p> <p>Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location</p> | A18SW (NW) | 335 | 8 | 275820 187724 |
| 52 | <p>Points of Interest - Manufacturing and Production</p> <p>Name: Tanks Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location</p> | A18SW (NW) | 337 | 8 | 275824 187730 |
| 52 | <p>Points of Interest - Manufacturing and Production</p> <p>Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location</p> | A18SW (NW) | 339 | 8 | 275818 187727 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|--|--|------------------------------|---------|------------------|
| 52 | 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) | 353 | 8 | 275760 187688 |
| 52 | 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 | A18SW (NW) | 361 | 8 | 275836 187768 |
| 52 | 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 | A18SW (NW) | 367 | 8 | 275825 187768 |
| 53 | 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 | A17SE (NW) | 434 | 8 | 275776 187815 |
| 53 | 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) | 440 | 8 | 275802 187840 |
| 53 | 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) | 442 | 8 | 275806 187845 |
| 53 | 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) | 447 | 8 | 275798 187845 |
| 54 | 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 | A14SW (E) | 496 | 8 | 276714 187249 |
| 54 | 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 | A14SW (E) | 496 | 8 | 276714 187248 |
| 55 | 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) | 514 | 8 | 276439 186851 |
| 56 | 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 | A19SW (NE) | 606 | 8 | 276535 187958 |
| 56 | Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location | A19SW (NE) | 610 | 8 | 276544 187955 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|--|--|------------------------------|---------|------------------|
| 56 | Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location | A19SW (NE) | 614 | 8 | 276545 187959 |
| 56 | Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location | A19SW (NE) | 617 | 8 | 276547 187962 |
| 56 | 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 | A19SW (NE) | 625 | 8 | 276522 187993 |
| 56 | 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 | A19SW (NE) | 649 | 8 | 276580 187975 |
| 57 | 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 | A19SW (NE) | 687 | 8 | 276784 187741 |
| 57 | 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 | A19SW (NE) | 688 | 8 | 276784 187742 |
| 58 | 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 | A18NE (N) | 761 | 8 | 276252 188255 |
| 58 | 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 | A18NE (N) | 763 | 8 | 276252 188257 |
| 59 | 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 | A9NW (SE) | 785 | 8 | 276761 186749 |
| 59 | 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 | A9NW (SE) | 786 | 8 | 276761 186747 |
| 60 | 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) | 795 | 8 | 276920 187707 |
| 61 | Points of Interest - Manufacturing and Production Name: Tanks Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location | A14NE (E) | 814 | 8 | 276995 187579 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|--|--|------------------------------|---------|------------------|
| 61 | Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location | A14NE (E) | 818 | 8 | 276997 187585 |
| 61 | Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location | A14NE (E) | 818 | 8 | 276997 187583 |
| 62 | 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 | A17NE (NW) | 832 | 8 | 275716 188248 |
| 62 | 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 | A17NE (NW) | 832 | 8 | 275716 188248 |
| 63 | Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location | A9NE (SE) | 868 | 8 | 277029 186998 |
| 64 | Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location | A9NE (SE) | 868 | 8 | 277026 186991 |
| 64 | Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location | A9NE (SE) | 886 | 8 | 277040 186977 |
| 64 | Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location | A9NE (SE) | 910 | 8 | 277064 186972 |
| 64 | Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location | A9NE (E) | 920 | 8 | 277079 186984 |
| 64 | Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location | A9NE (SE) | 933 | 8 | 277080 186951 |
| 64 | Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location | A9NE (SE) | 947 | 8 | 277083 186925 |
| 64 | Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location | A9NE (SE) | 967 | 8 | 277069 186853 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|--|--|------------------------------|---------|------------------|
| 64 | Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location | A9NE (SE) | 974 | 8 | 277079 186856 |
| 64 | 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 | A9NE (SE) | 975 | 8 | 277077 186850 |
| 64 | Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location | A9NE (SE) | 977 | 8 | 277084 186858 |
| 65 | 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 | A19NW (NE) | 906 | 8 | 276643 188253 |
| 65 | 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 | A19NW (NE) | 910 | 8 | 276648 188254 |
| 66 | 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 (N) | 947 | 8 | 275751 188390 |
| 66 | Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location | A22SE (N) | 952 | 8 | 275752 188396 |
| 66 | Points of Interest - Manufacturing and Production Name: Tank Location: SA13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location | A22SE (N) | 953 | 8 | 275749 188395 |
| 67 | Points of Interest - Public Infrastructure Name: Sewage Works Location: SA13 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location | A13SW (W) | 0 | 8 | 276094 187375 |
| 67 | Points of Interest - Public Infrastructure Name: Sewage Works Location: SA13 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location | A13SW (SW) | 0 | 8 | 276087 187334 |
| 67 | Points of Interest - Public Infrastructure Name: Sewage Works Location: SA13 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location | A13SE (SE) | 0 | 8 | 276127 187368 |
| 68 | 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 | A13NE (NE) | 76 | 8 | 276238 187467 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|--|--|------------------------------|---------|------------------|
| 69 | <p>Points of Interest - Public Infrastructure</p> <p>Name: Outfall Location: SA13 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location</p> | A13SW (SW) | 85 | 8 | 275978 187294 |
| 69 | <p>Points of Interest - Public Infrastructure</p> <p>Name: Outfall Location: SA13 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location</p> | A13SW (SW) | 87 | 8 | 275977 187292 |
| 69 | <p>Points of Interest - Public Infrastructure</p> <p>Name: Outfall Location: SA13 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location</p> | A13SW (W) | 104 | 8 | 275938 187325 |
| 70 | <p>Points of Interest - Public Infrastructure</p> <p>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</p> | A13NE (NE) | 248 | 8 | 276356 187613 |
| 71 | <p>Points of Interest - Public Infrastructure</p> <p>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</p> | A13NE (NE) | 370 | 8 | 276446 187701 |
| 71 | <p>Points of Interest - Public Infrastructure</p> <p>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</p> | A18SE (NE) | 409 | 8 | 276425 187791 |
| 72 | <p>Points of Interest - Public Infrastructure</p> <p>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</p> | A19SW (NE) | 513 | 8 | 276579 187758 |
| 73 | <p>Points of Interest - Public Infrastructure</p> <p>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</p> | A18NE (N) | 708 | 8 | 276133 188216 |

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

| Agency & Hydrological | Version | Update Cycle |
|---|----------------|-----------------------|
| Source Protection Zones Natural Resources Wales | July 2017 | Annual Rolling Update |
| Extreme Flooding from Rivers or Sea without Defences Natural Resources Wales | September 2020 | Quarterly |
| Flooding from Rivers or Sea without Defences Natural Resources Wales | September 2020 | Quarterly |
| 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 | July 2021 | 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 | Annually |

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

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

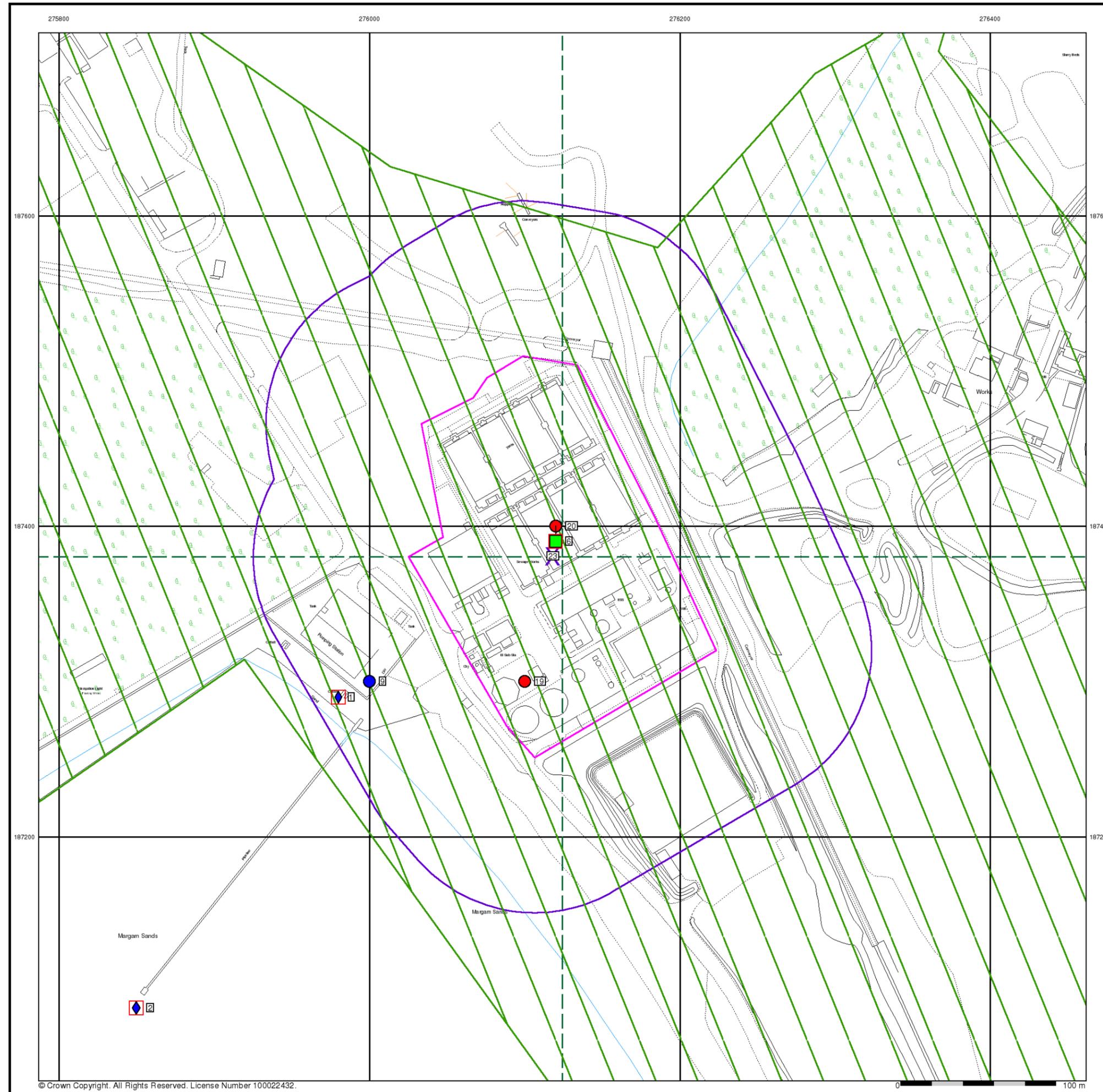
| Sensitive Land Use | Version | Update Cycle |
|--|------------------------------|----------------------------|
| Ancient Woodland Natural Resources Wales | September 2018 | Bi-Annually |
| Areas of Adopted Green Belt Bridgend County Borough Council Neath Port Talbot County Borough Council - Planning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

A selection of organisations who provide data within this report

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

| Contact | Name and Address | Contact Details |
|---------|---|---|
| 1 | British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG | Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk |
| 2 | Natural Resources Wales Ty Cambria, 29 Newport Road, Cardiff, CF24 0TP | Telephone: 0300 065 3000 Email: enquiries@naturalresourceswales.gov.uk |
| 3 | Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY | Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk |
| 4 | Neath Port Talbot County Borough Council - Environmental Health Department Room 322, Neath Civic Centre, Neath, West Glamorgan, SA11 3QZ | Telephone: 01639 763333 Fax: 01693 763444 Website: www.neath-porttalbot.gov.uk |
| 5 | Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS | Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk |
| 6 | Neath Port Talbot County Borough Council - Planning Department Port Talbot Civic Centre, Port Talbot, SA13 1PJ | Telephone: 01639 763333 Fax: 01639 763444 Website: www.neath-porttalbot.gov.uk |
| 7 | The Coal Authority - Property Searches 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG | Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website: www2.groundstability.com |
| 8 | PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY | Website: www.pointx.co.uk |
| - | Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ | Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org |
| - | Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD | Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk |

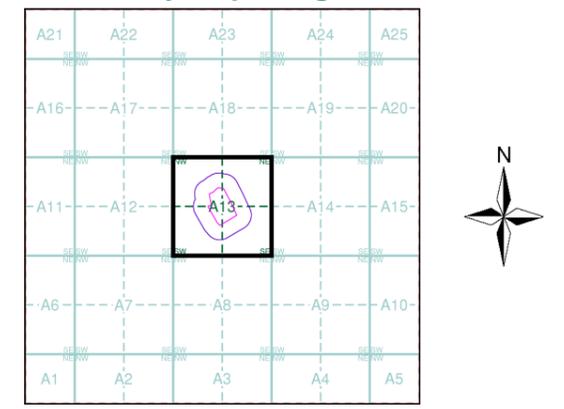
Please note that the Environment Agency / Natural Resources Wales / SEPA have a charging policy in place for enquiries.



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

Site Sensitivity Map - Segment A13



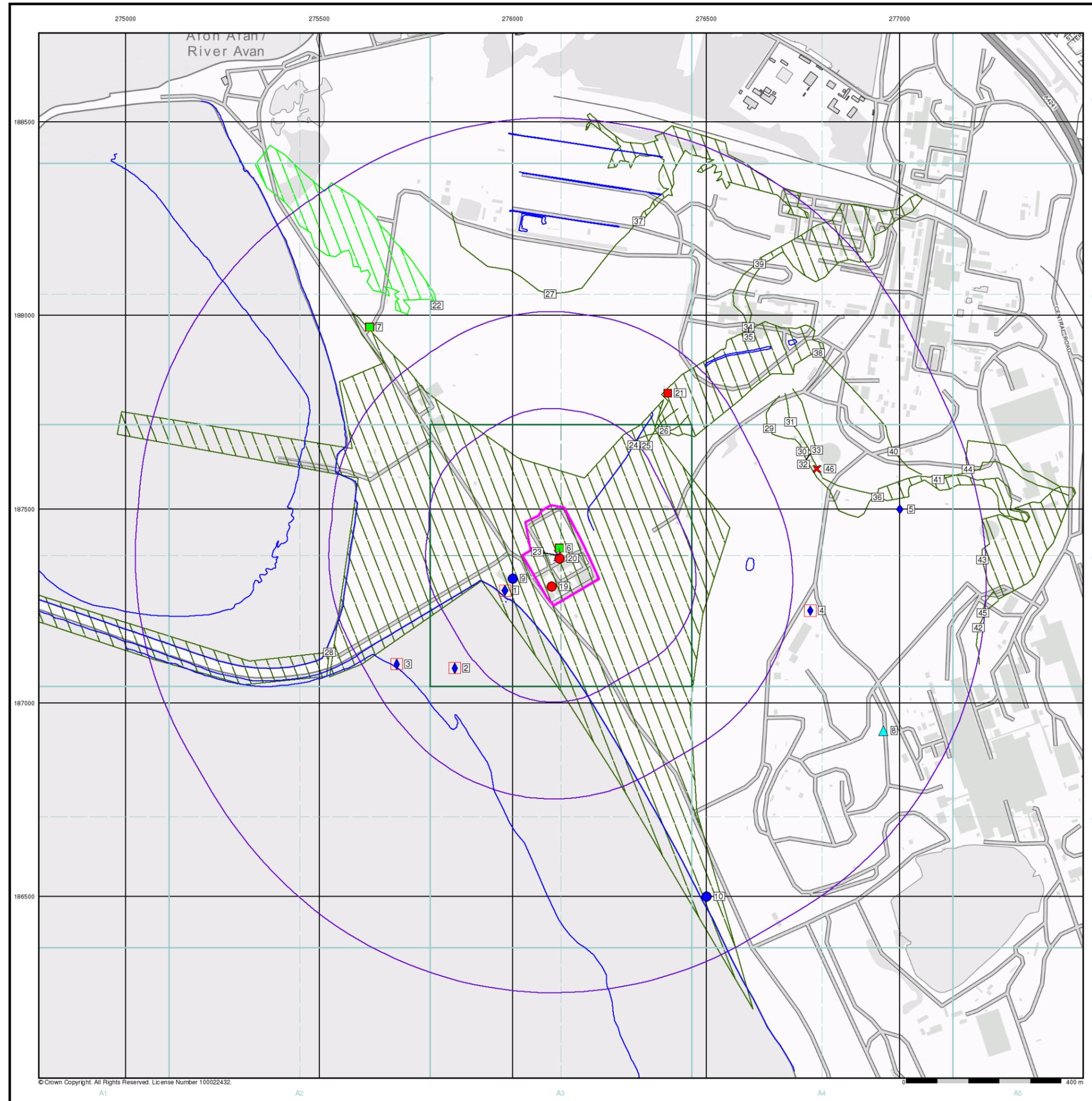
Order Details

Order Number: 284099786_1_1
 Customer Ref: 100381175-006 SV18-01
 National Grid Reference: 276120, 187380
 Slice: A
 Site Area (Ha): 3.06
 Plot Buffer (m): 100

Site Details
 Afan Water Treatment, Phoenix Wharf, The Docks, Port Talbot, SA13 1RA

Landmark
 INFORMATION GROUP

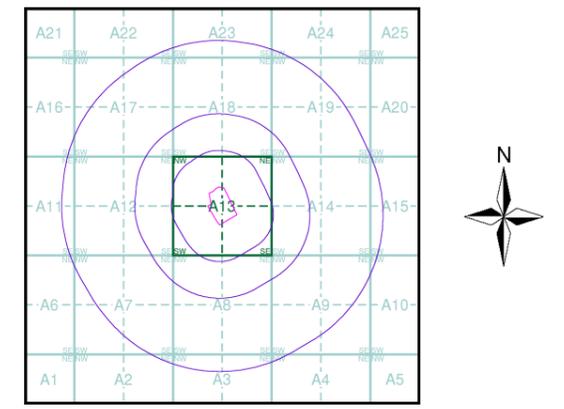
Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk



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MACDONALD

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

Site Sensitivity Map - Slice A



Order Details

Order Number: 284099786_1_1
 Customer Ref: 100381175-006 SV18-01
 National Grid Reference: 276120, 187380
 Slice: A
 Site Area (Ha): 3.06
 Search Buffer (m): 1000

Site Details
 Afan Water Treatment, Phoenix Wharf, The Docks, Port Talbot, SA13 1RA

Landmark
 INFORMATION GROUP

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

275000 275500 276000 276500 277000

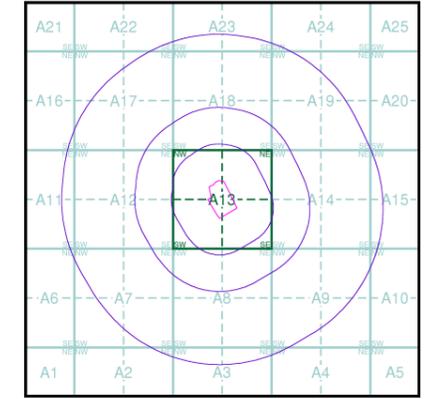


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MOTT MACDONALD Industrial Land Use Map

- 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: 284099786_1_1
 Customer Ref: 100381175-006 SV18-01
 National Grid Reference: 276120, 187380
 Slice: A
 Site Area (Ha): 3.06
 Search Buffer (m): 1000

Site Details
 Afan Water Treatment, Phoenix Wharf, The Docks, Port Talbot, SA13 1RA

Landmark
 INFORMATION GROUP

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

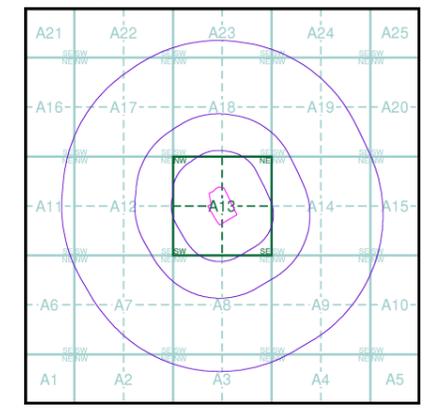


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- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point

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

Flood Map - Slice A



Order Details

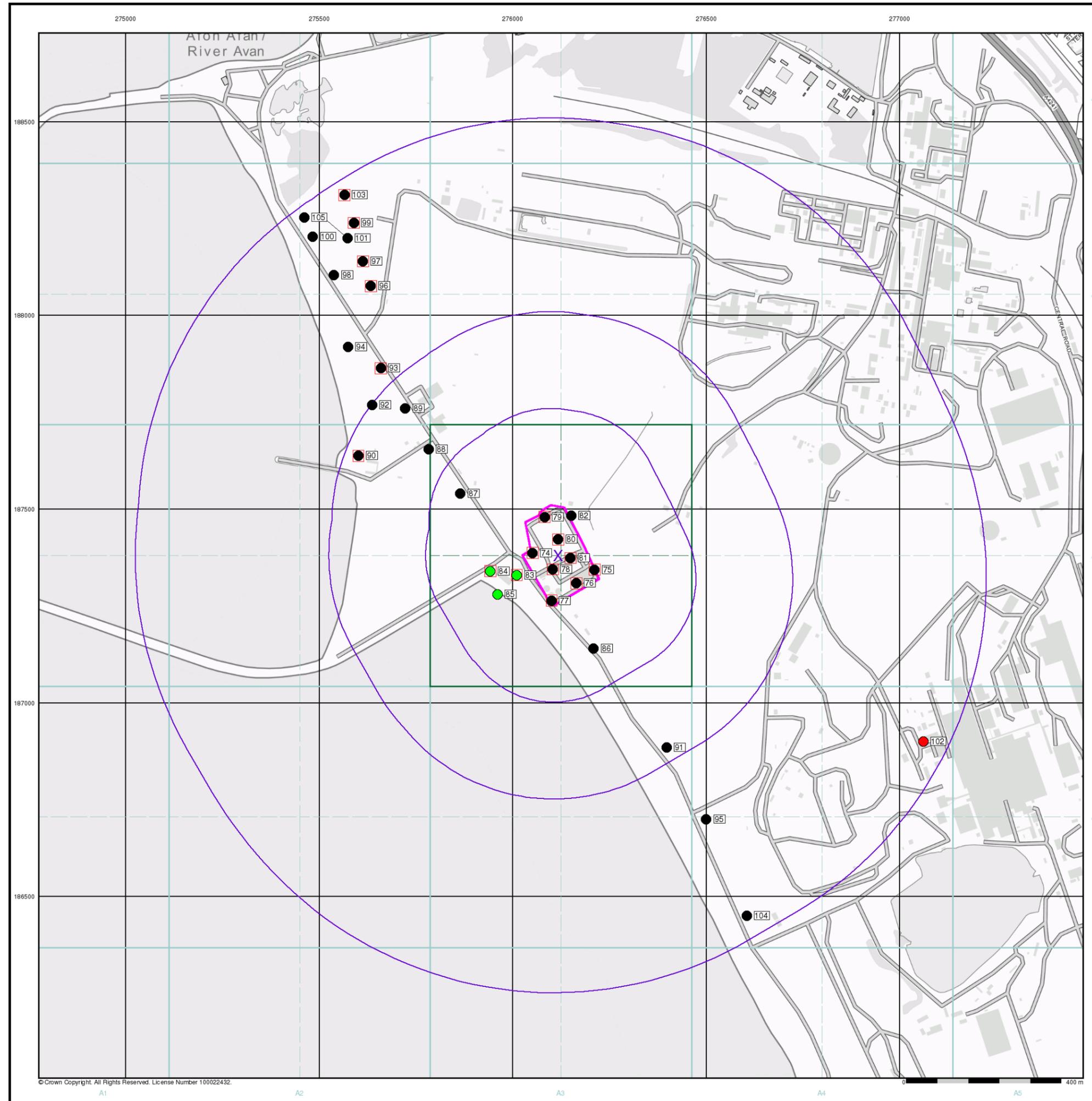
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 Customer Ref: 100381175-006 SV18-01
 National Grid Reference: 276120, 187380
 Slice: A
 Site Area (Ha): 3.06
 Search Buffer (m): 1000

Site Details

Afan Water Treatment, Phoenix Wharf, The Docks, Port Talbot, SA13 1RA

Landmark
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Tel: 0844 844 9952
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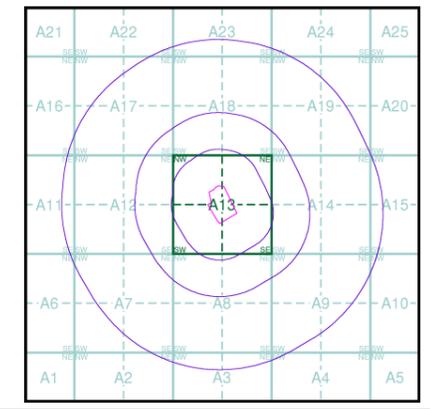
- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location

- Agency and Hydrological (Boreholes)**
- BGS Borehole Depth 0 - 10m
 - BGS Borehole Depth 10 - 30m
 - BGS Borehole Depth 30m +
 - Confidential
 - Other

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

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

Borehole Map - Slice A



Order Details

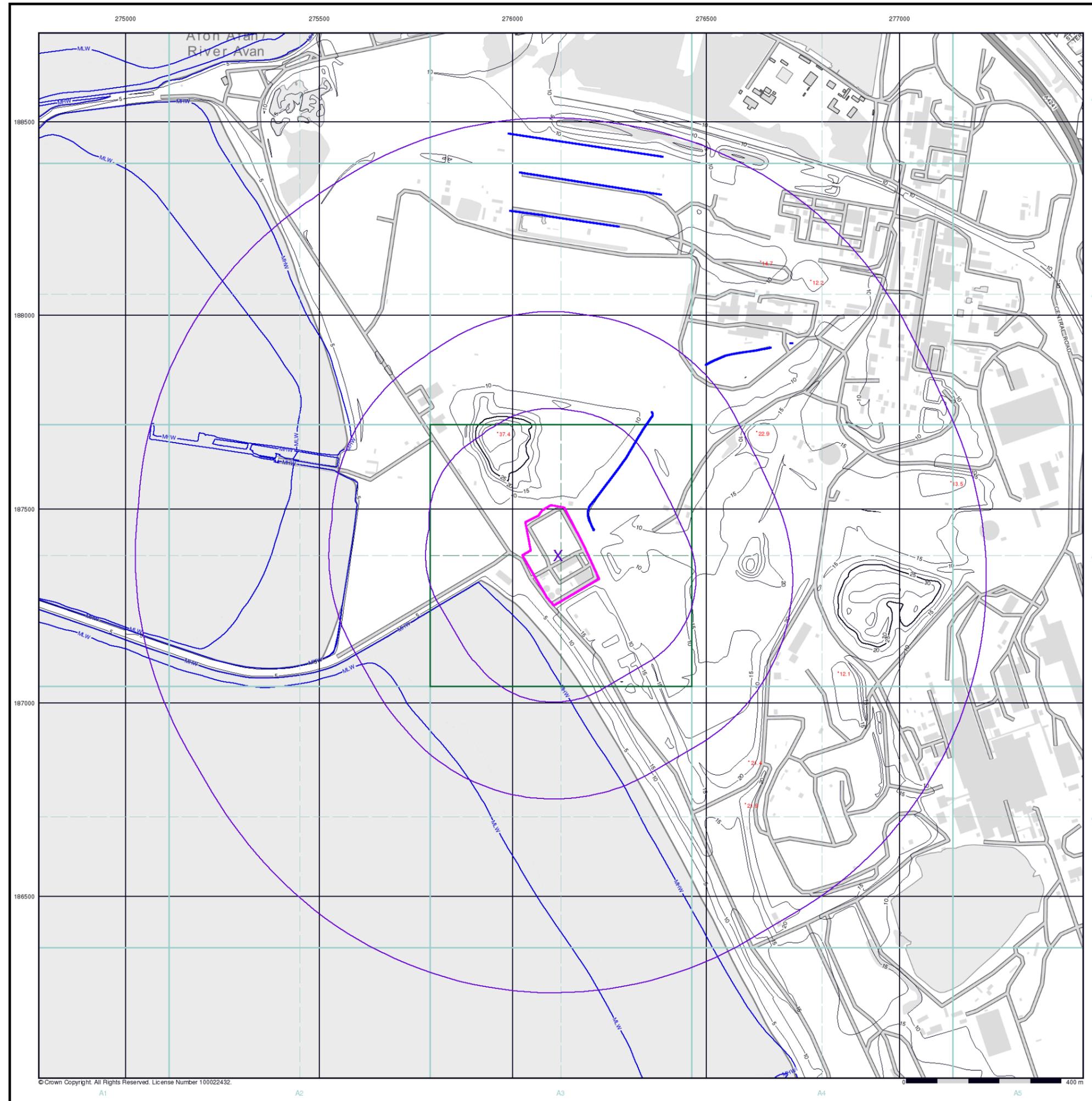
Order Number: 284099786_1_1
 Customer Ref: 100381175-006 SV18-01
 National Grid Reference: 276120, 187380
 Slice: A
 Site Area (Ha): 3.06
 Search Buffer (m): 1000

Site Details

Afan Water Treatment, Phoenix Wharf, The Docks, Port Talbot, SA13 1RA

Landmark
 INFORMATION GROUP

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



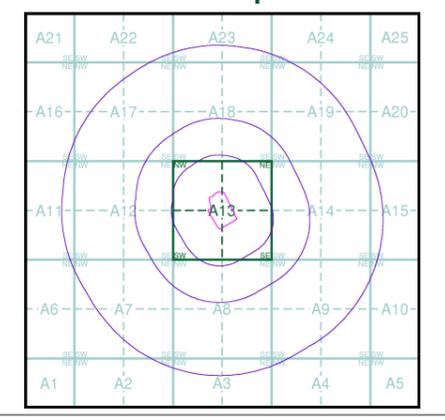
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- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point

- OS Water Network Data**
- | | |
|--------------|-------------------------|
| Canal | Drain |
| Reservoir | Other |
| Foreshore | Lake |
| Marsh | Transfer |
| Tidal River | Lock Or Flight Of Locks |
| Inland River | Sea |

- Contours (height in meters)**
- Standard Contour
- Master Contour
- Spot Height
- Mean Low Water
- Mean High Water

OS Water Network Map - Slice A



Order Details

Order Number: 284099786_1_1
 Customer Ref: 100381175-006 SV18-01
 National Grid Reference: 276120, 187380
 Slice: A
 Site Area (Ha): 3.06
 Search Buffer (m): 1000

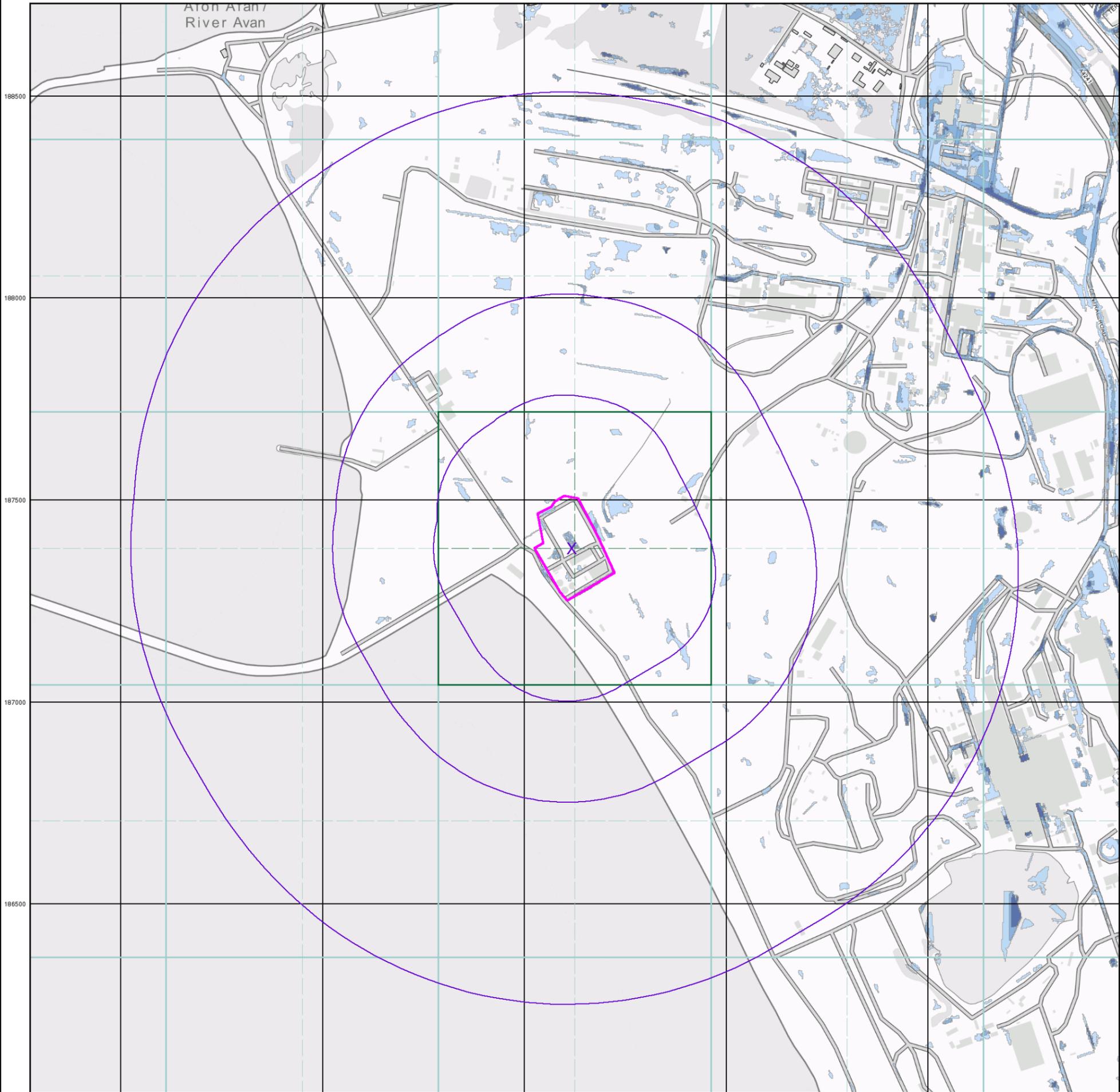
Site Details

Afan Water Treatment, Phoenix Wharf, 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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General

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

Risk of Flooding from Surface Water

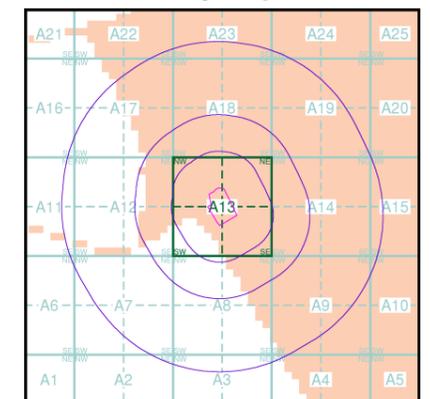
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

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

EANRW Suitability Map - Slice A



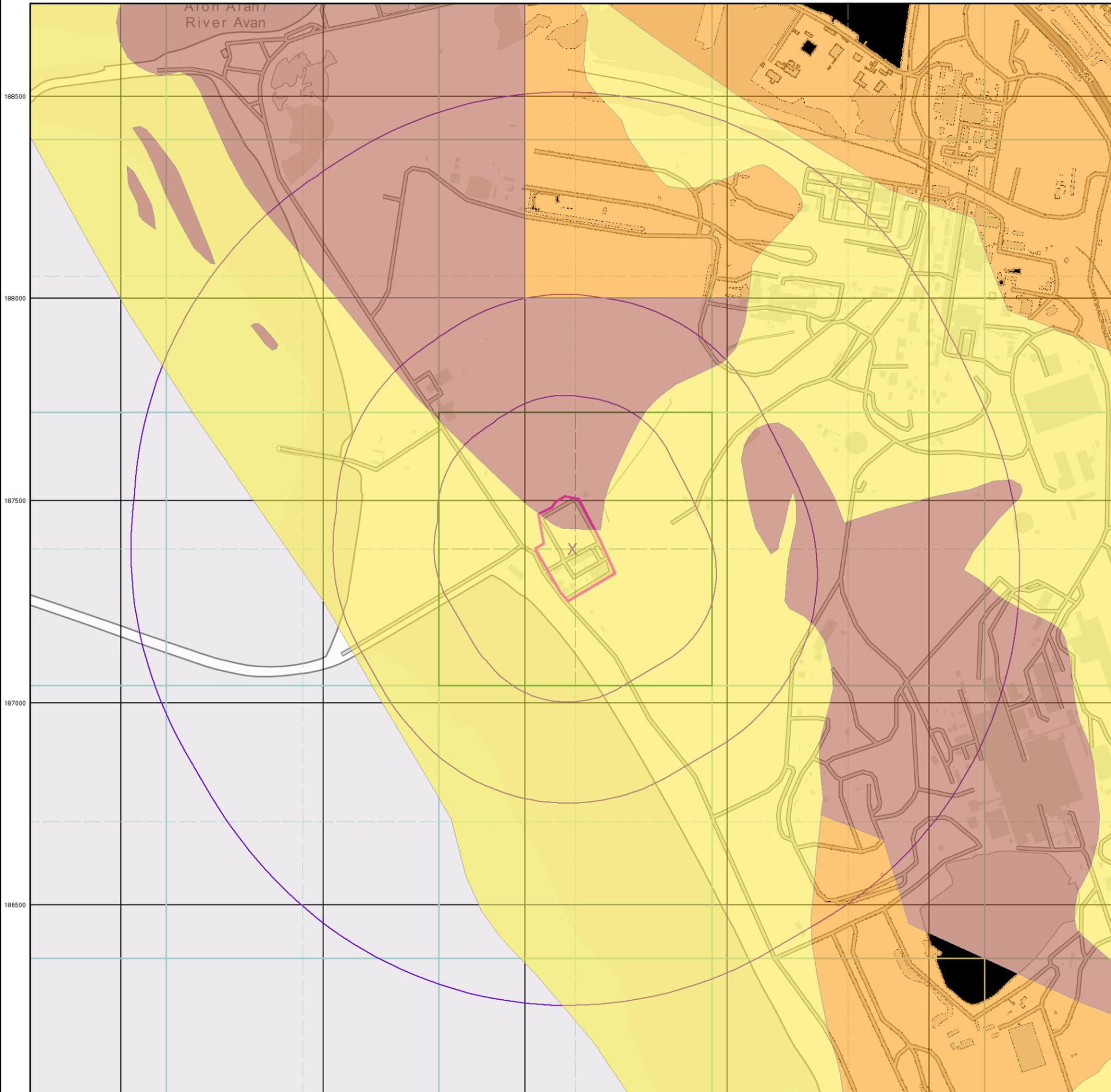
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 Customer Ref: 100381175-006 SV18-01
 National Grid Reference: 276120, 187380
 Slice: A
 Site Area (Ha): 3.06
 Search Buffer (m): 1000

Site Details

Afan Water Treatment, Phoenix Wharf, The Docks, Port Talbot, SA13 1RA

275000 275500 276000 276500 277000



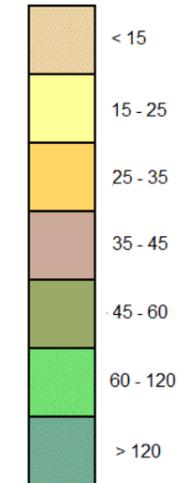
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General

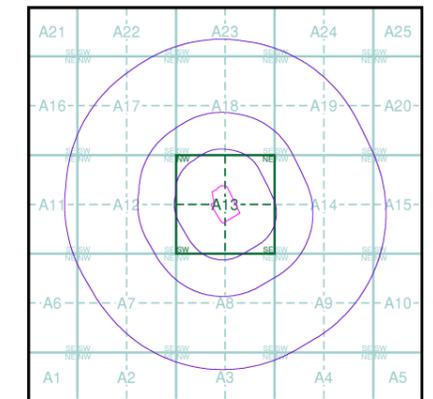
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A



Order Details

Order Details: 284099786_1_1
Customer Ref: 100381175-006 SV18-01
National Grid Reference: 276120, 187380
Slice: A
Site Area (Ha): 3.06
Search Buffer (m): 1000

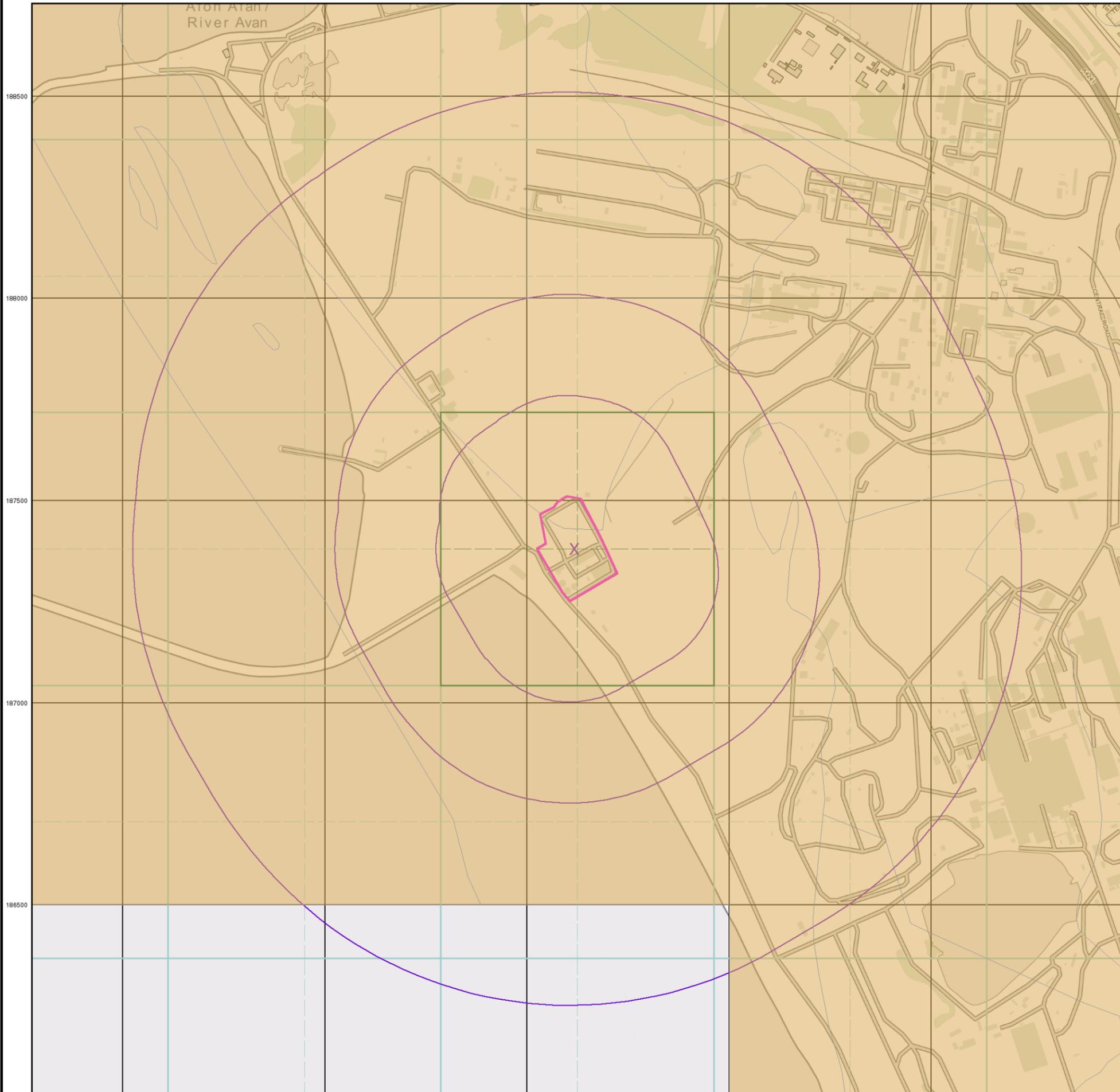
Site Details

Afan Water Treatment, Phoenix Wharf, The Docks, Port Talbot, SA13 1RA

Landmark
INFORMATION GROUP

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

275000 275500 276000 276500 277000



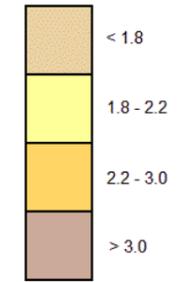
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General

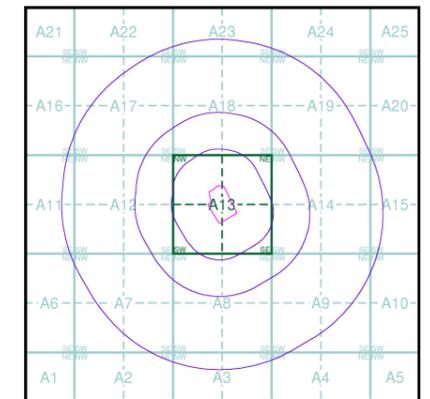
📍 Specified Site 📏 Specified Buffer(s) ✕ Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A



Order Details

Order Details: 284099786_1_1
 Customer Ref: 100381175-006 SV18-01
 National Grid Reference: 276120, 187380
 Slice: A
 Site Area (Ha): 3.06
 Search Buffer (m): 1000

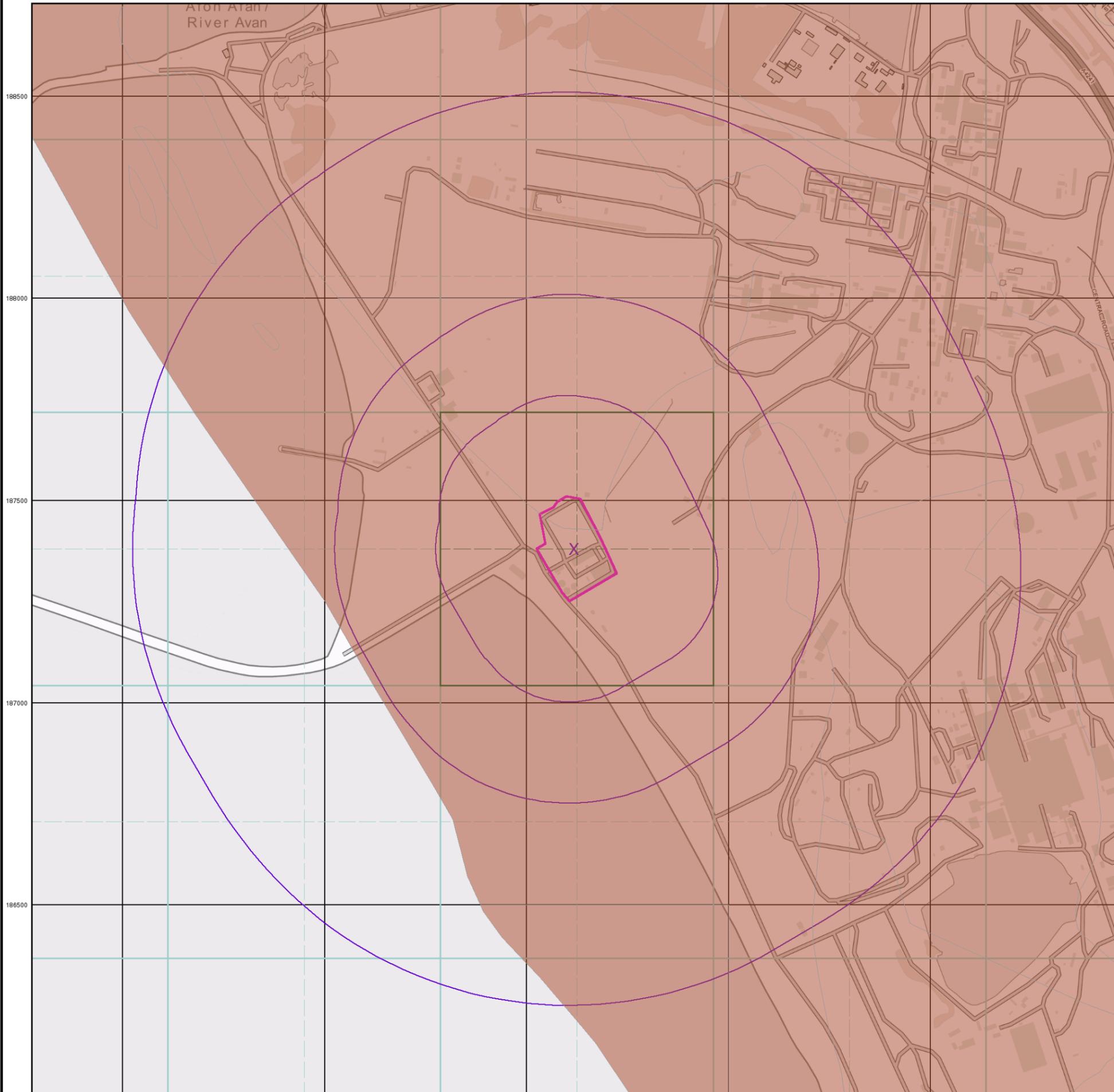
Site Details

Afan Water Treatment, Phoenix Wharf, The Docks, Port Talbot, SA13 1RA

Landmark
INFORMATION GROUP

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

275000 275500 276000 276500 277000



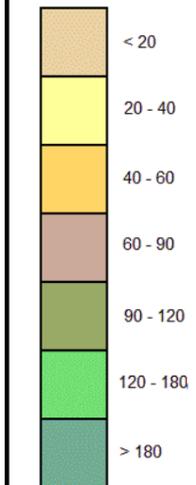
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General

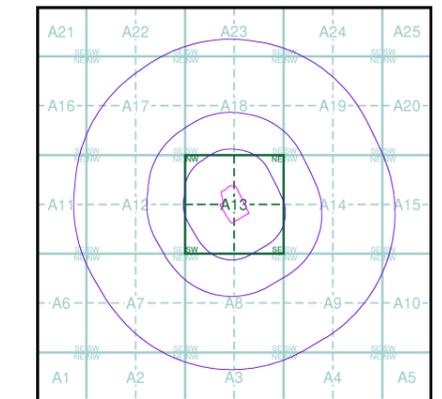
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A



Order Details

Order Details: 284099786_1_1
Customer Ref: 100381175-006 SV18-01
National Grid Reference: 276120, 187380
Slice: A
Site Area (Ha): 3.06
Search Buffer (m): 1000

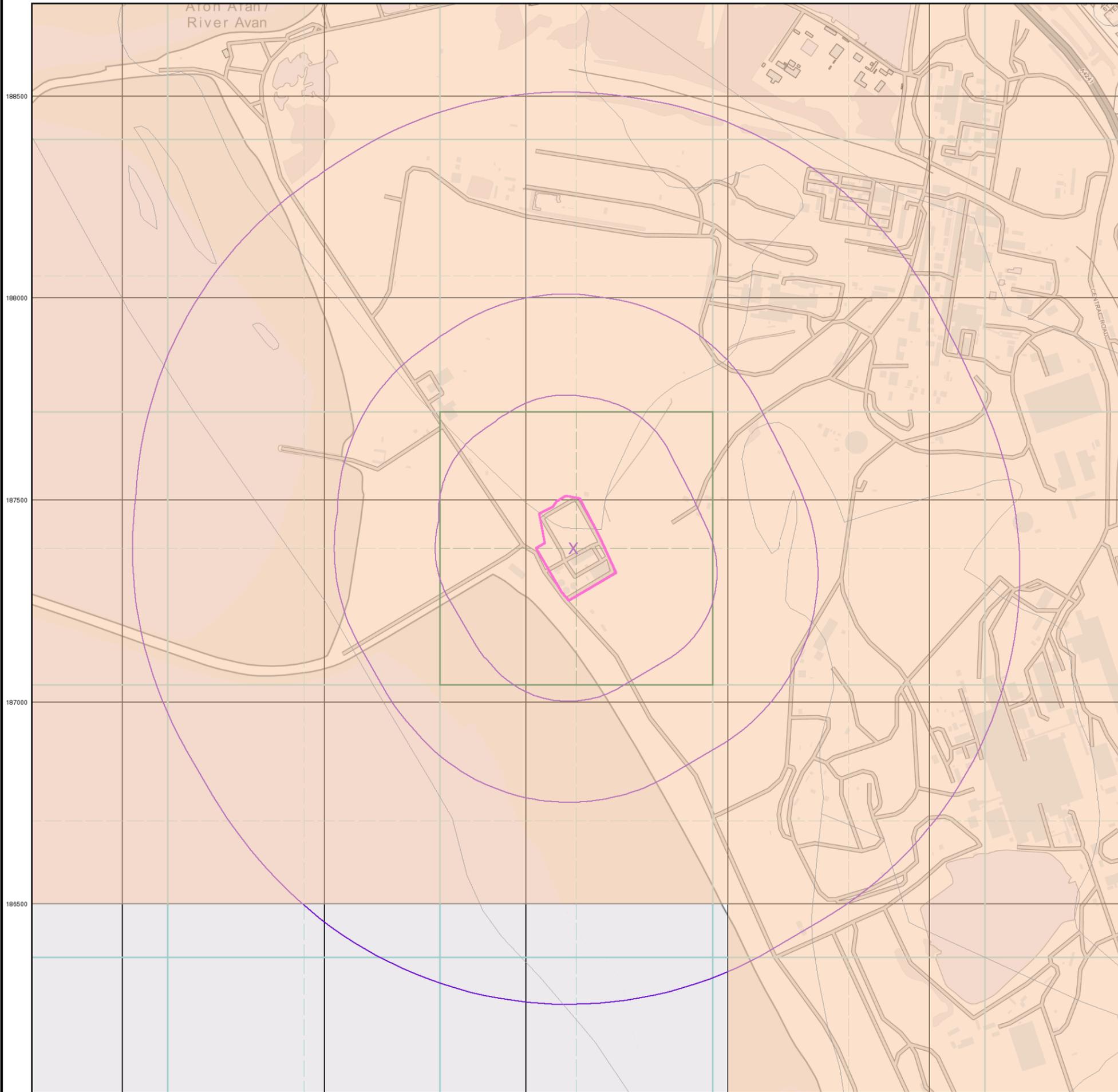
Site Details

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INFORMATION GROUP

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

275000 275500 276000 276500 277000



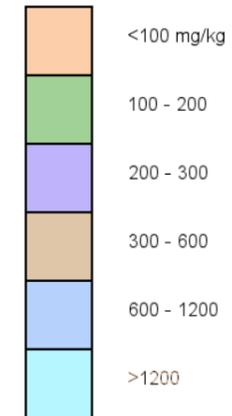
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General

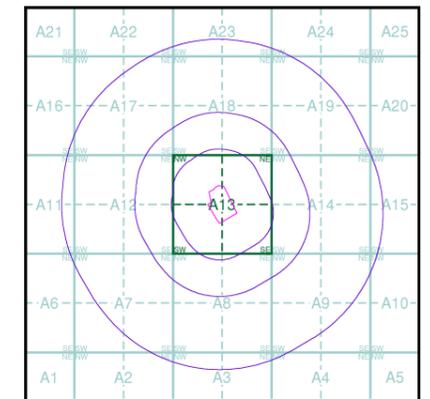
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A



Order Details

Order Details: 284099786_1_1
 Customer Ref: 100381175-006 SV18-01
 National Grid Reference: 276120, 187380
 Slice: A
 Site Area (Ha): 3.06
 Search Buffer (m): 1000

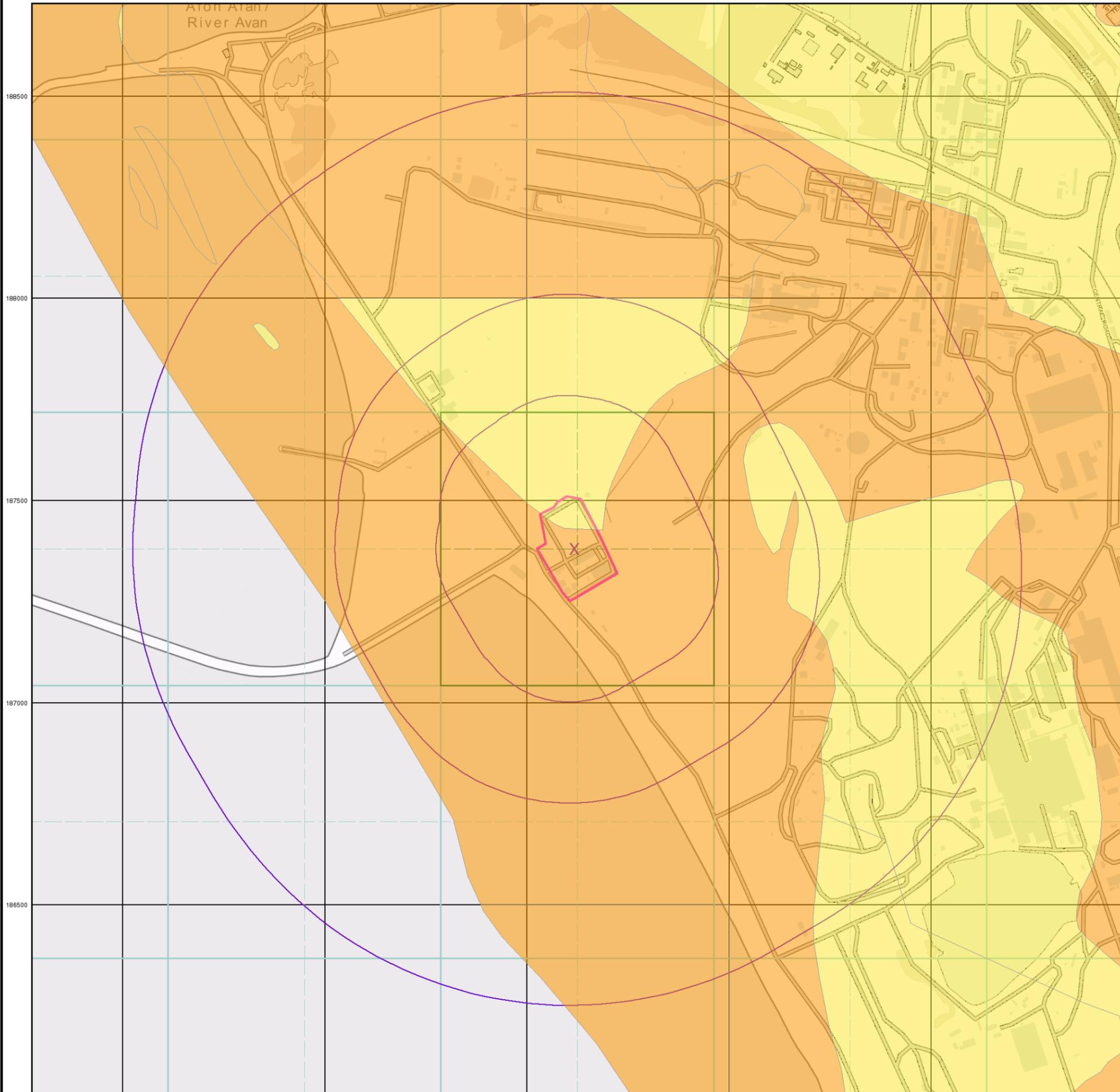
Site Details

Afan Water Treatment, Phoenix Wharf, The Docks, Port Talbot, SA13 1RA

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275000 275500 276000 276500 277000



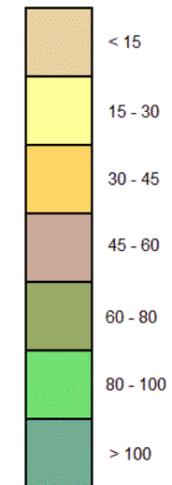
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General

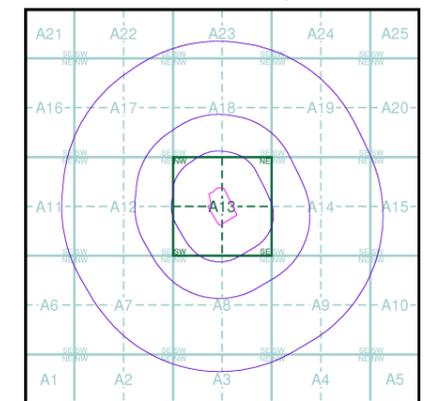
- ⬡ Specified Site
- ⬡ Specified Buffer(s)
- X Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

Order Details: 284099786_1_1
 Customer Ref: 100381175-006 SV18-01
 National Grid Reference: 276120, 187380
 Slice: A
 Site Area (Ha): 3.06
 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 |
| | MGR | Made Ground (Undivided) | Artificial Deposit | Not Supplied - Holocene |
| | WGR | Worked Ground (Undivided) | Void | 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 |
| | GFICD | Glaciofluvial Ice Contact Deposits, Devensian | Sand and Gravel | Not Supplied - Devensian |
| | 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 |
| | RSBD | Raised Storm Beach Deposits | Sand and Gravel | Not Supplied - Quaternary |
| | MBD | Marine Beach Deposits | Sand | Not Supplied - Quaternary |
| | ALF | Alluvial Fan Deposits | Sand and Gravel | Not Supplied - Quaternary |

Bedrock and Faults

| Map Colour | Lex Code | Rock Name | Rock Type | Min and Max Age |
|------------|----------|---|-----------------------------------|----------------------------|
| | SWUCM | South Wales Upper Coal Measures Formation | Mudstone, Siltstone and Sandstone | 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 |

| Map Colour | Lex Code | Rock Name | Rock Type | Min and Max Age |
|------------|----------|--|-----------------------------------|----------------------------|
| | | | Sandstone | |
| | RA | Rhondda Member | 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 |
| | | Rock Segments | | |
| | | Faults | | |

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Geology 1:50,000 Maps

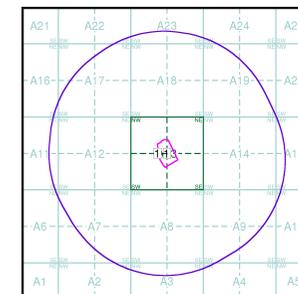
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published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



Order Details:

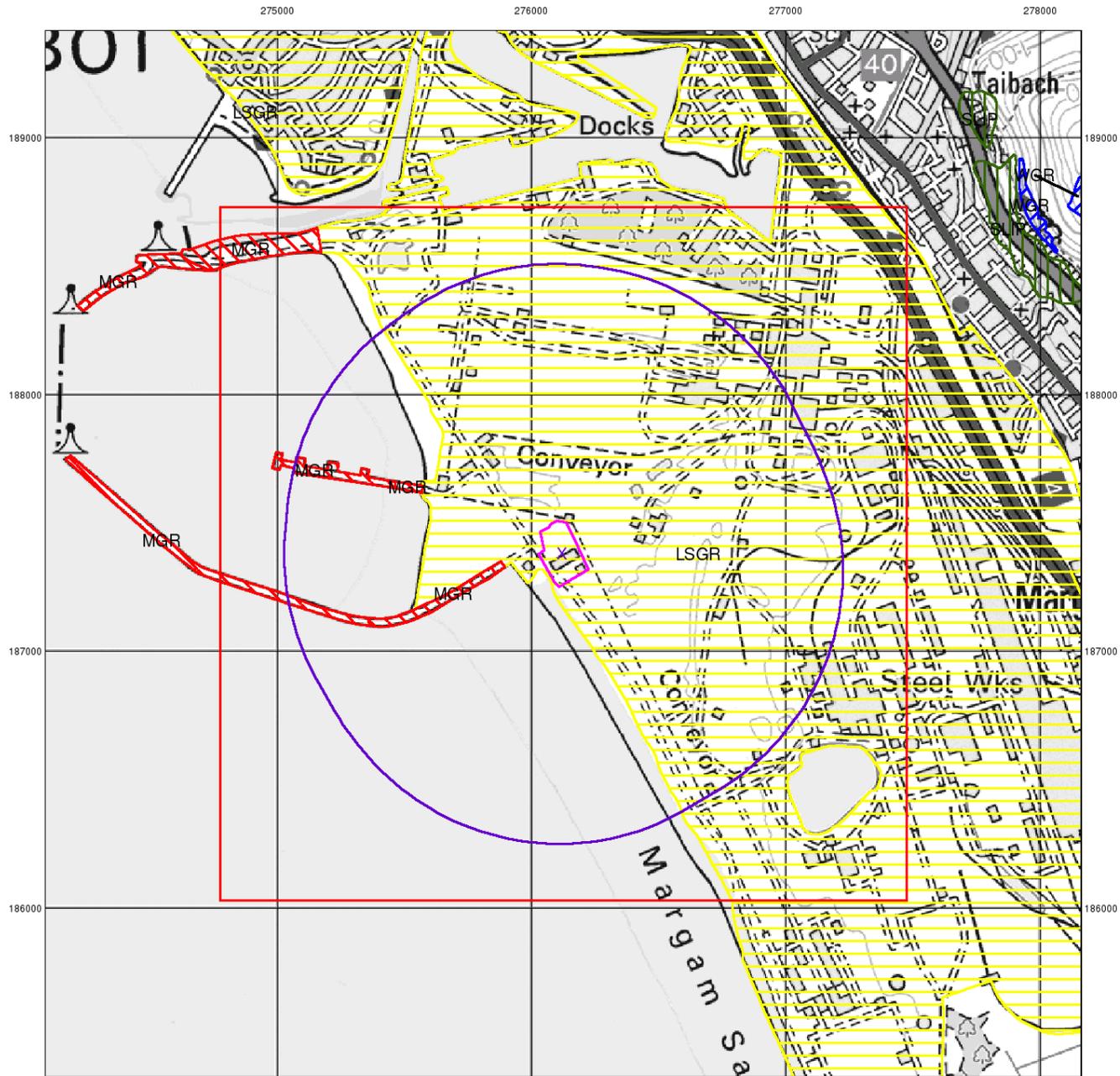
Order Number: 284099786_1_1
Customer Reference: 100381175-006 SV18-01
National Grid Reference: 276120, 187380
Slice: A
Site Area (Ha): 3.06
Search Buffer (m): 1000

Site Details:

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Artificial Ground and Landslip

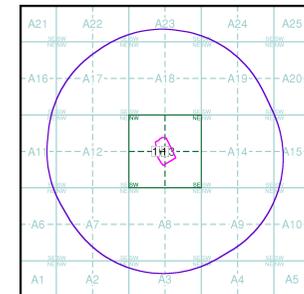
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice A



Order Details:

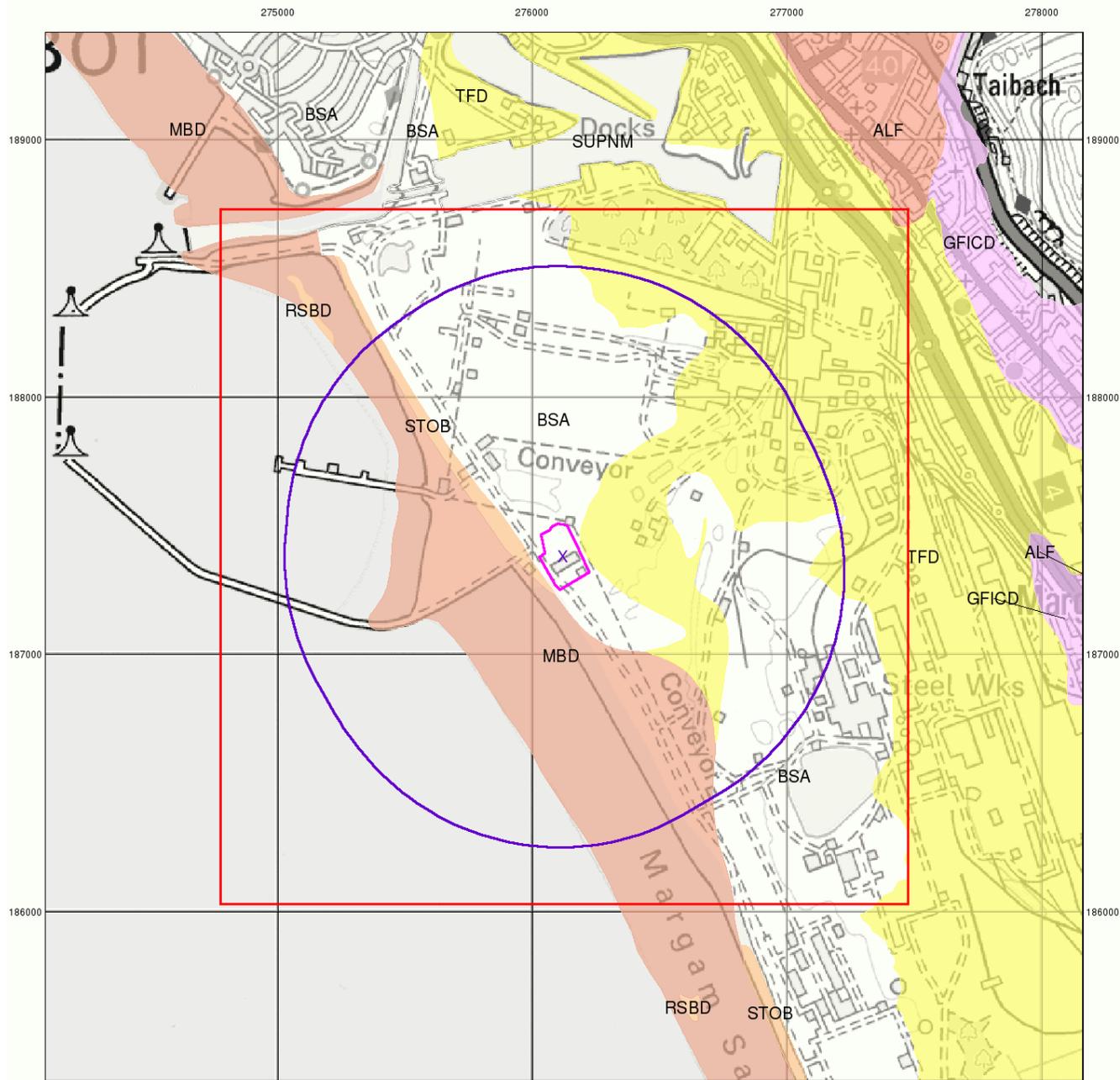
Order Number: 284099786_1_1
 Customer Reference: 100381175-006 SV18-01
 National Grid Reference: 276120, 187380
 Slice: A
 Site Area (Ha): 3.06
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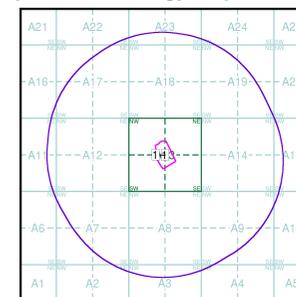
Superficial Geology

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

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

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

Superficial Geology Map - Slice A



Order Details:

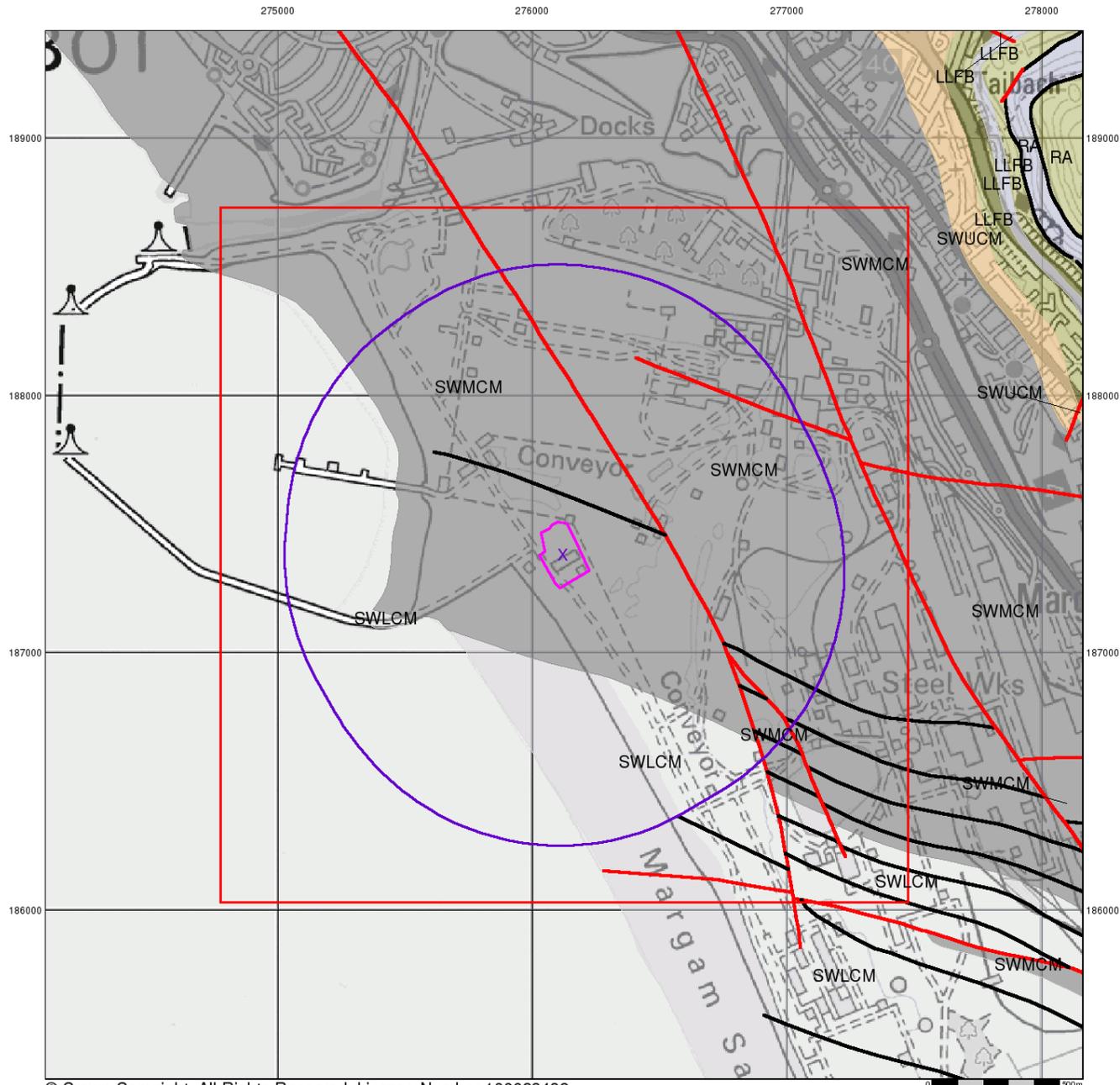
Order Number: 284099786_1_1
 Customer Reference: 100381175-006 SV18-01
 National Grid Reference: 276120, 187380
 Slice: A
 Site Area (Ha): 3.06
 Search Buffer (m): 1000

Site Details:

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Bedrock and Faults

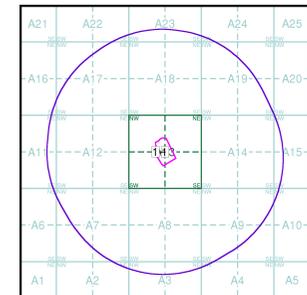
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice A



Order Details:

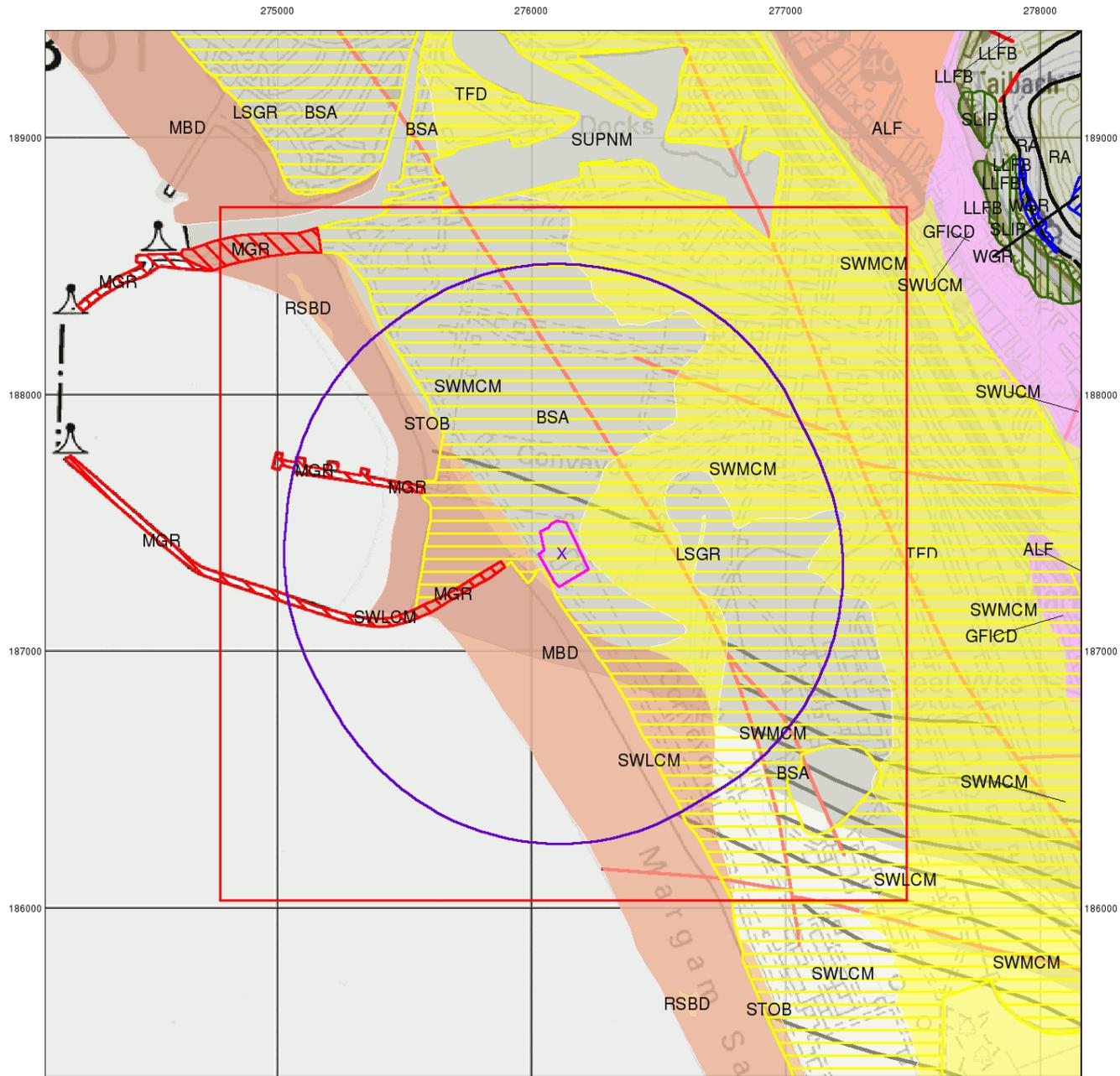
Order Number: 284099786_1_1
 Customer Reference: 100381175-006 SV18-01
 National Grid Reference: 276120, 187380
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Combined Surface Geology

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

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

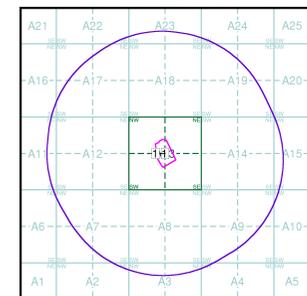
Additional Information

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

Contact

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

Combined Geology Map - Slice A



Order Details:

Order Number: 284099786_1_1
 Customer Reference: 100381175-006 SV18-01
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Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Co. Boro. Bdy.
Co. Burgh Bdy.
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **Sl** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P** Pillar, Pole or Post
BP, BS Boundary Post or Stone **PO** Post Office
Cn, C Capstan, Crane **PC** Public Convenience
Chy Chimney **PH** Public House
D Fn Drinking Fountain **Pp** Pump
EI P Electricity Pillar or Post **SB, S Br** Signal Box or Bridge
FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

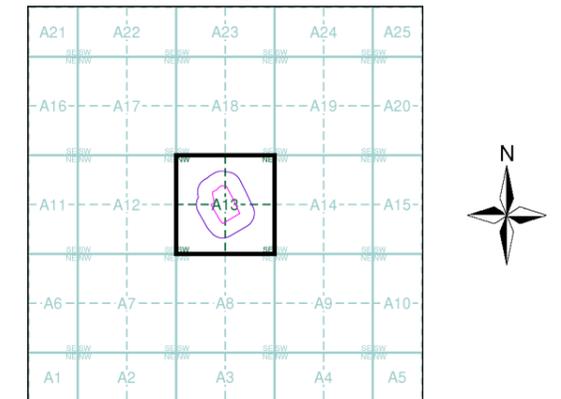
Large-Scale National Grid Data 1:2,500 and 1:1,250

Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well

M M MOTT MACDONALD Historical Mapping & Photography included:

| Mapping Type | Scale | Date | Pg |
|--------------------------------|---------|-------------|----|
| Glamorganshire | 1:2,500 | 1877 | 2 |
| Glamorganshire | 1:2,500 | 1899 | 3 |
| Glamorganshire | 1:2,500 | 1919 | 4 |
| Glamorganshire | 1:2,500 | 1940 | 5 |
| Ordnance Survey Plan | 1:2,500 | 1964 | 6 |
| Ordnance Survey Plan | 1:1,250 | 1978 - 1979 | 7 |
| Ordnance Survey Plan | 1:2,500 | 1981 | 8 |
| Large-Scale National Grid Data | 1:1,250 | 1993 | 9 |
| Historical Aerial Photography | 1:2,500 | 2001 | 10 |

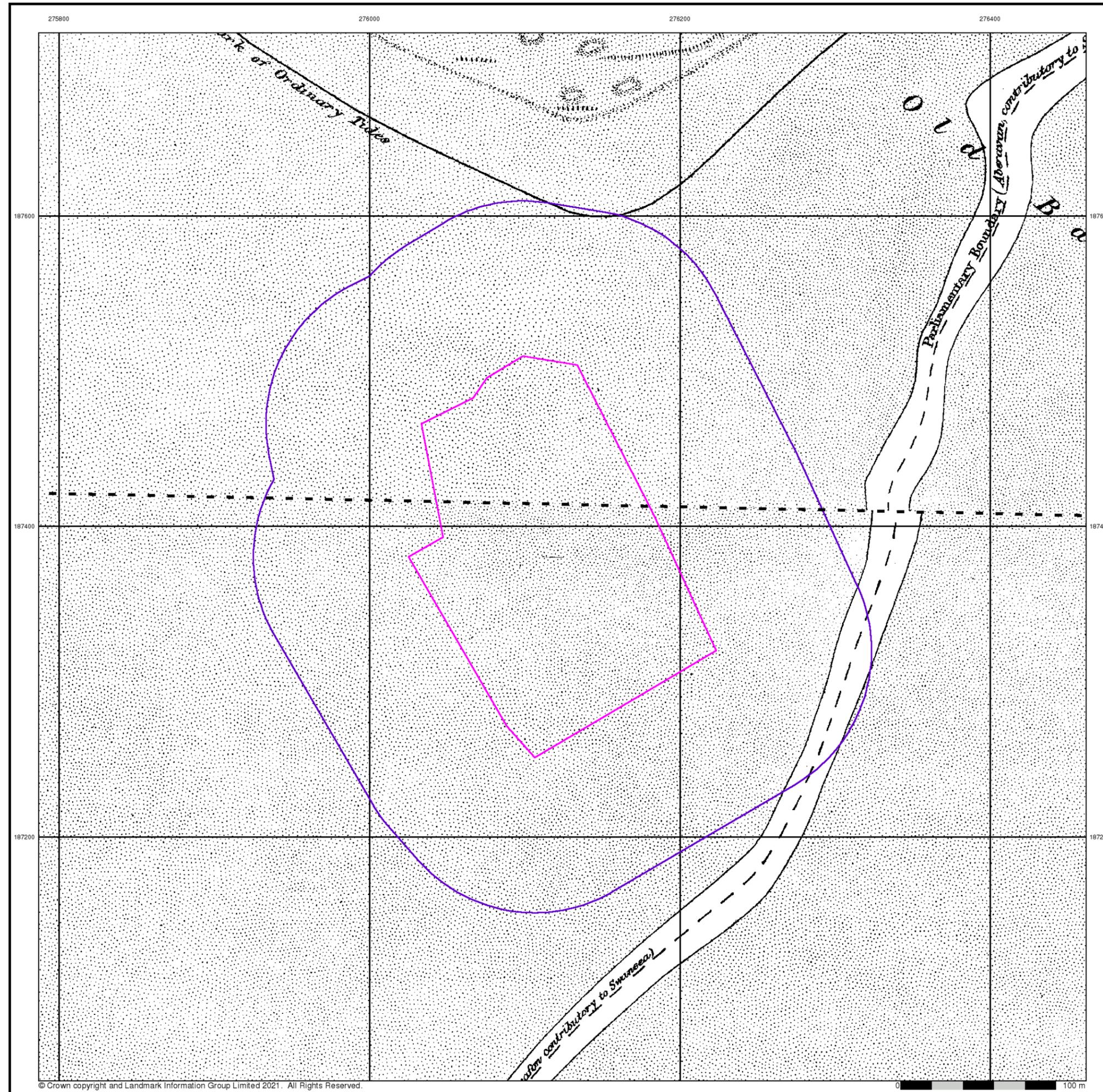
Historical Map - Segment A13



Order Details
 Order Number: 284099786_1_1
 Customer Ref: 100381175-006 SV18-01
 National Grid Reference: 276120, 187380
 Slice: A
 Site Area (Ha): 3.06
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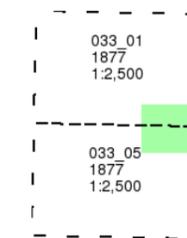
Glamorganshire

Published 1877

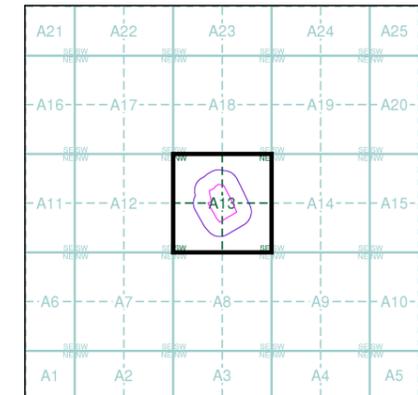
Source map scale - 1:2,500

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)



Historical Map - Segment A13



Order Details

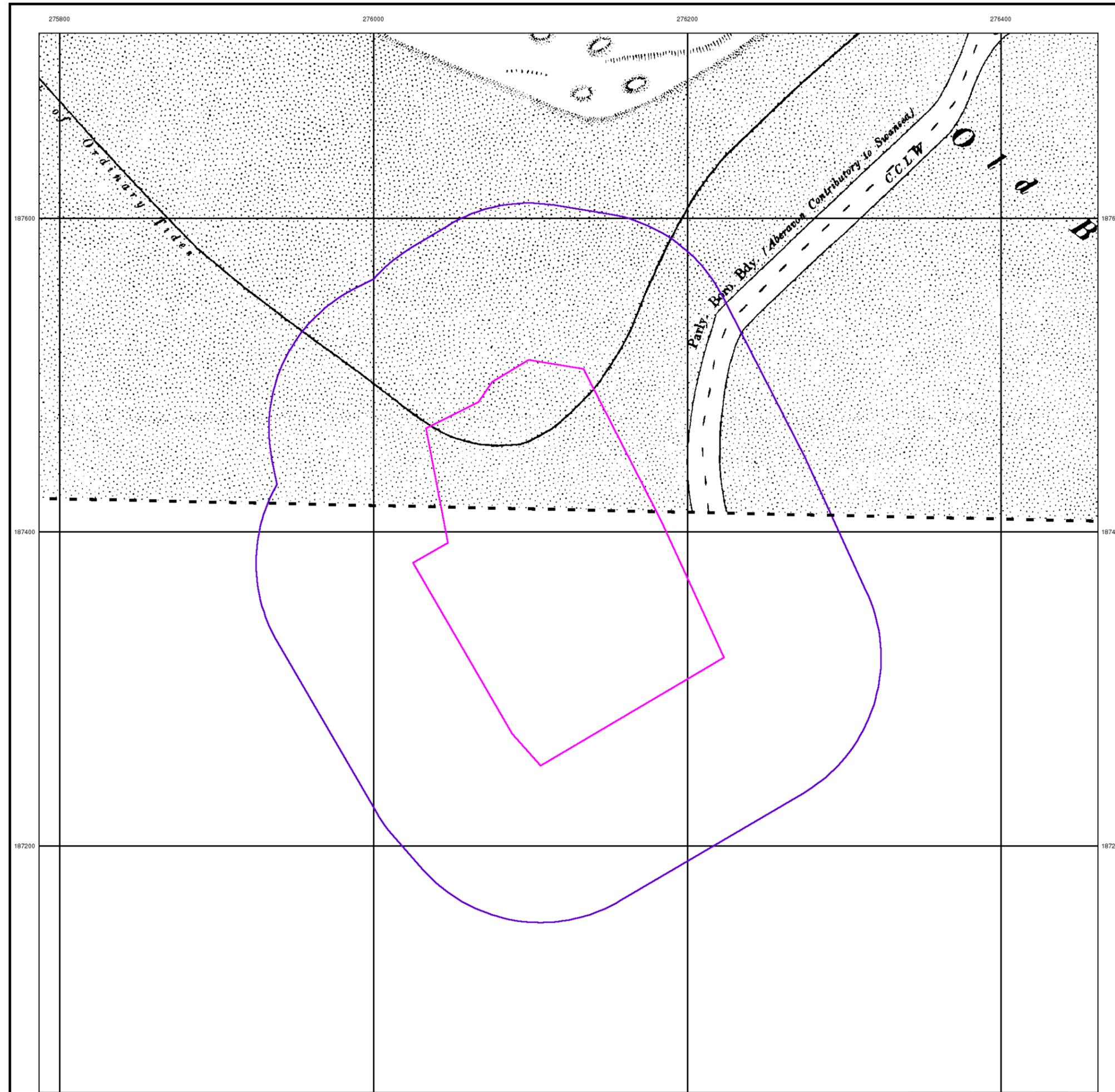
Order Number: 284099786_1_1
 Customer Ref: 100381175-006 SV18-01
 National Grid Reference: 276120, 187380
 Slice: A
 Site Area (Ha): 3.06
 Search Buffer (m): 100

Site Details

Afan Water Treatment, Phoenix Wharf, 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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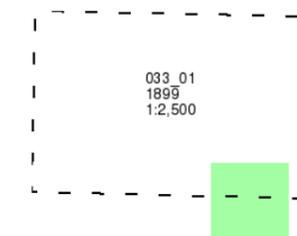
Glamorganshire

Published 1899

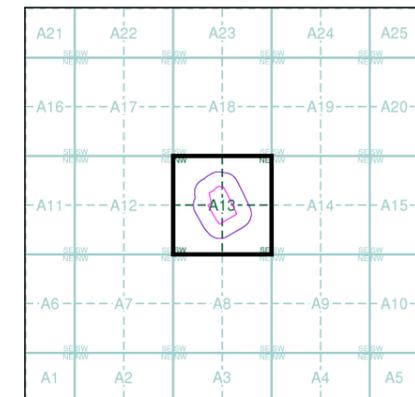
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

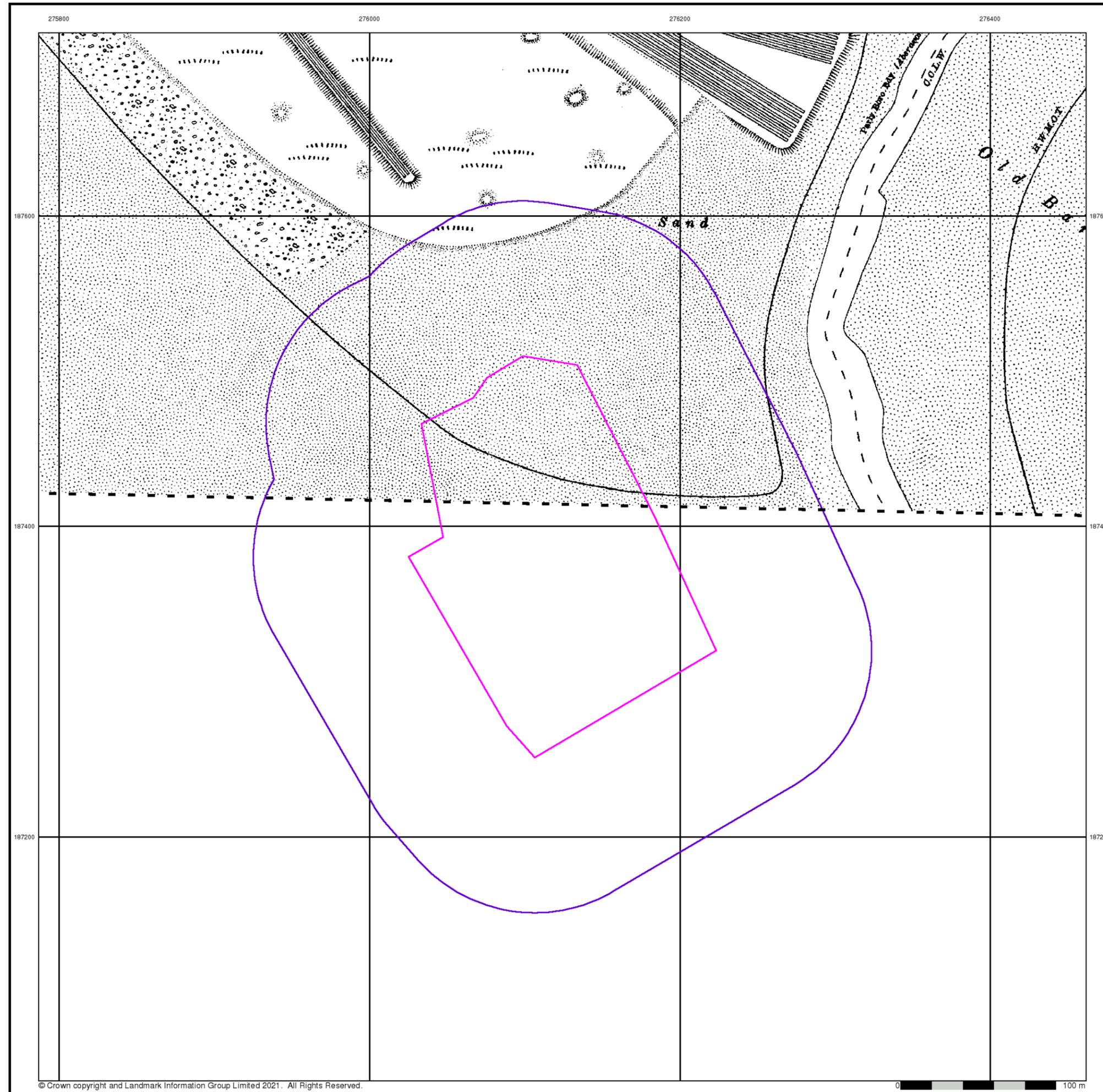
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 Customer Ref: 100381175-006 SV18-01
 National Grid Reference: 276120, 187380
 Slice: A
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Site Details

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Landmark
INFORMATION GROUP

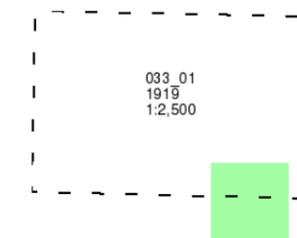
Tel: 0844 844 9952
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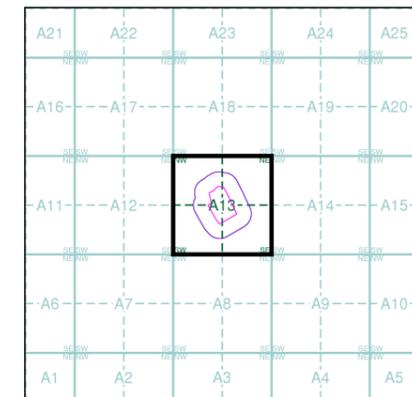
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MACDONALD
Glamorganshire
Published 1919
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

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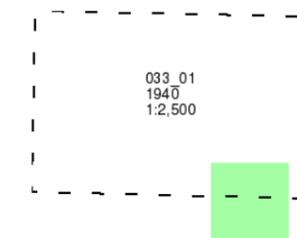
Glamorganshire

Published 1940

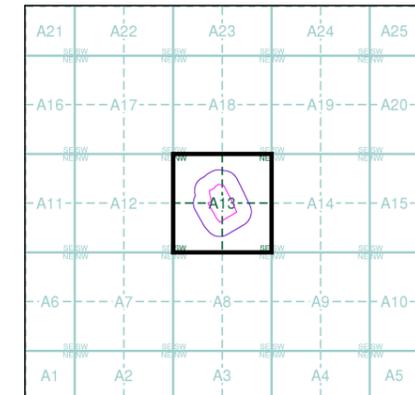
Source map scale - 1:2,500

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

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275800

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276400

187600

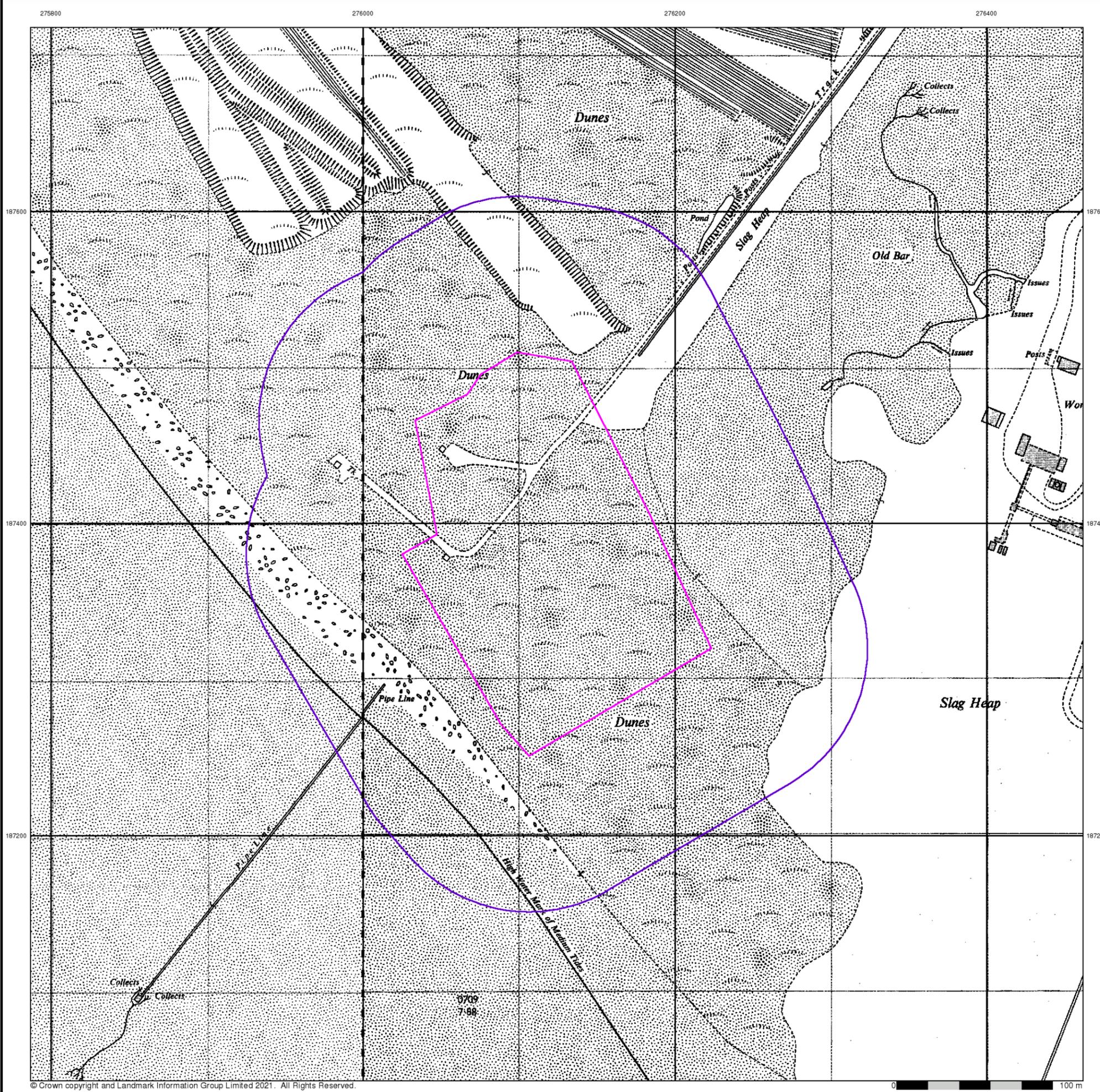
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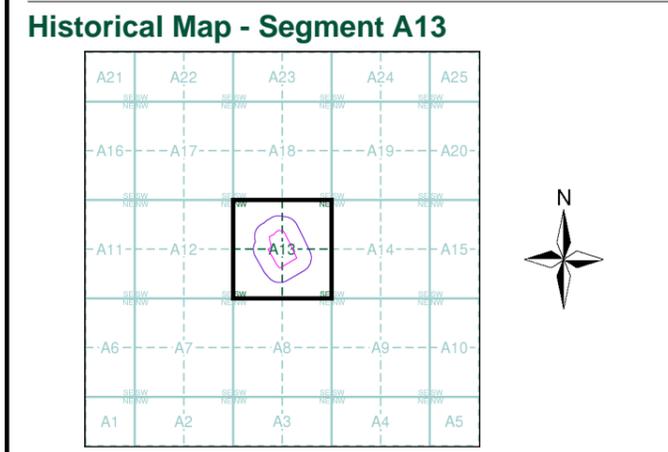
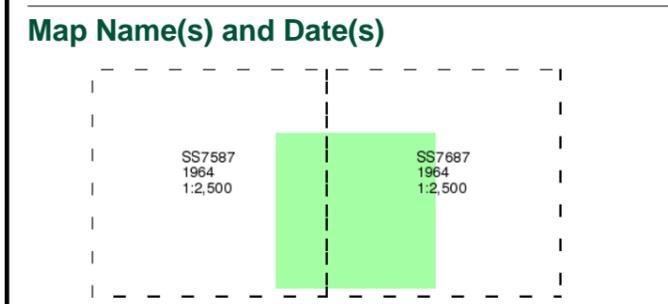
187200

187200



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Ordnance Survey Plan
Published 1964
Source map scale - 1:2,500

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



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Ordnance Survey Plan

Published 1978 - 1979

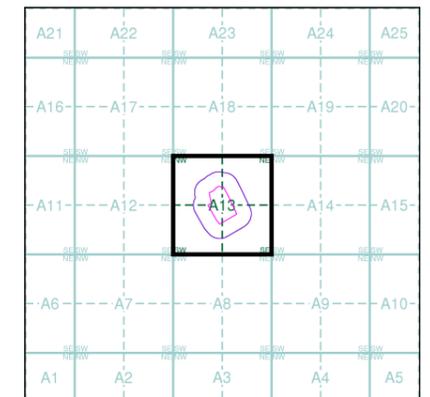
Source map scale - 1:1,250

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)

| | |
|-----------------------------|-----------------------------|
| SS7587NE 1979 1:1,250 | SS7687NW 1978 1:1,250 |
| SS7587SE 1979 1:1,250 | SS7687SW 1978 1:1,250 |

Historical Map - Segment A13



Order Details

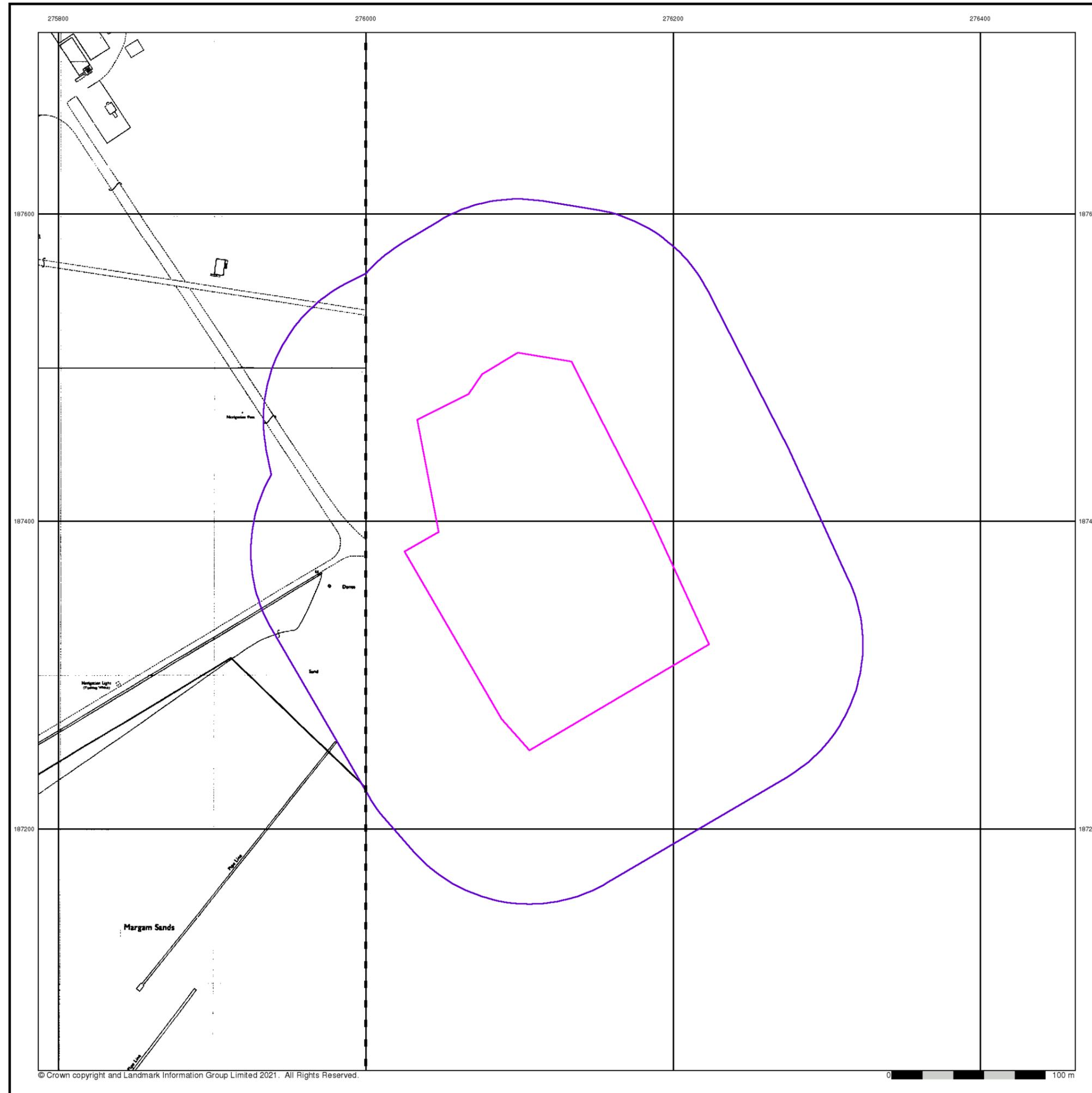
Order Number: 284099786_1_1
 Customer Ref: 100381175-006 SV18-01
 National Grid Reference: 276120, 187380
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 Site Area (Ha): 3.06
 Search Buffer (m): 100

Site Details

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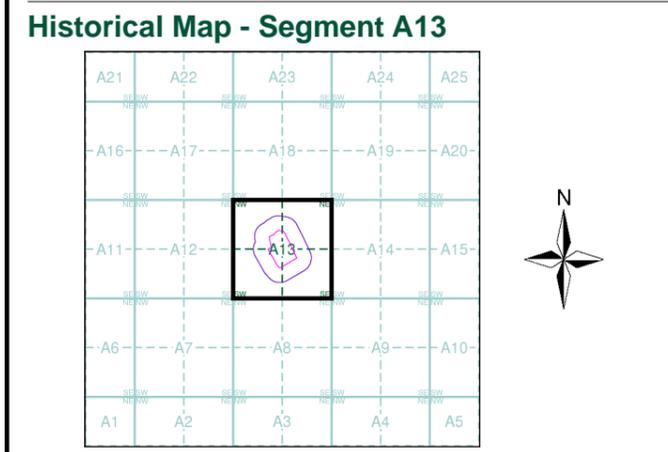
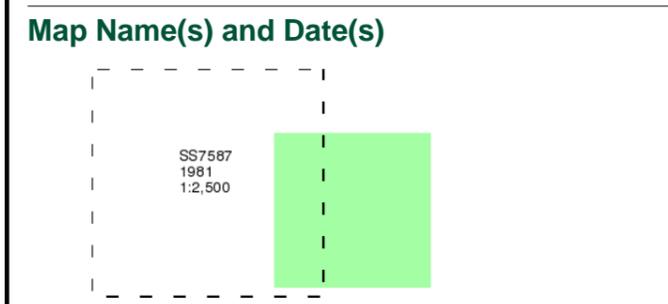
Landmark
 INFORMATION GROUP

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Ordnance Survey Plan
Published 1981
Source map scale - 1:2,500

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Order Details

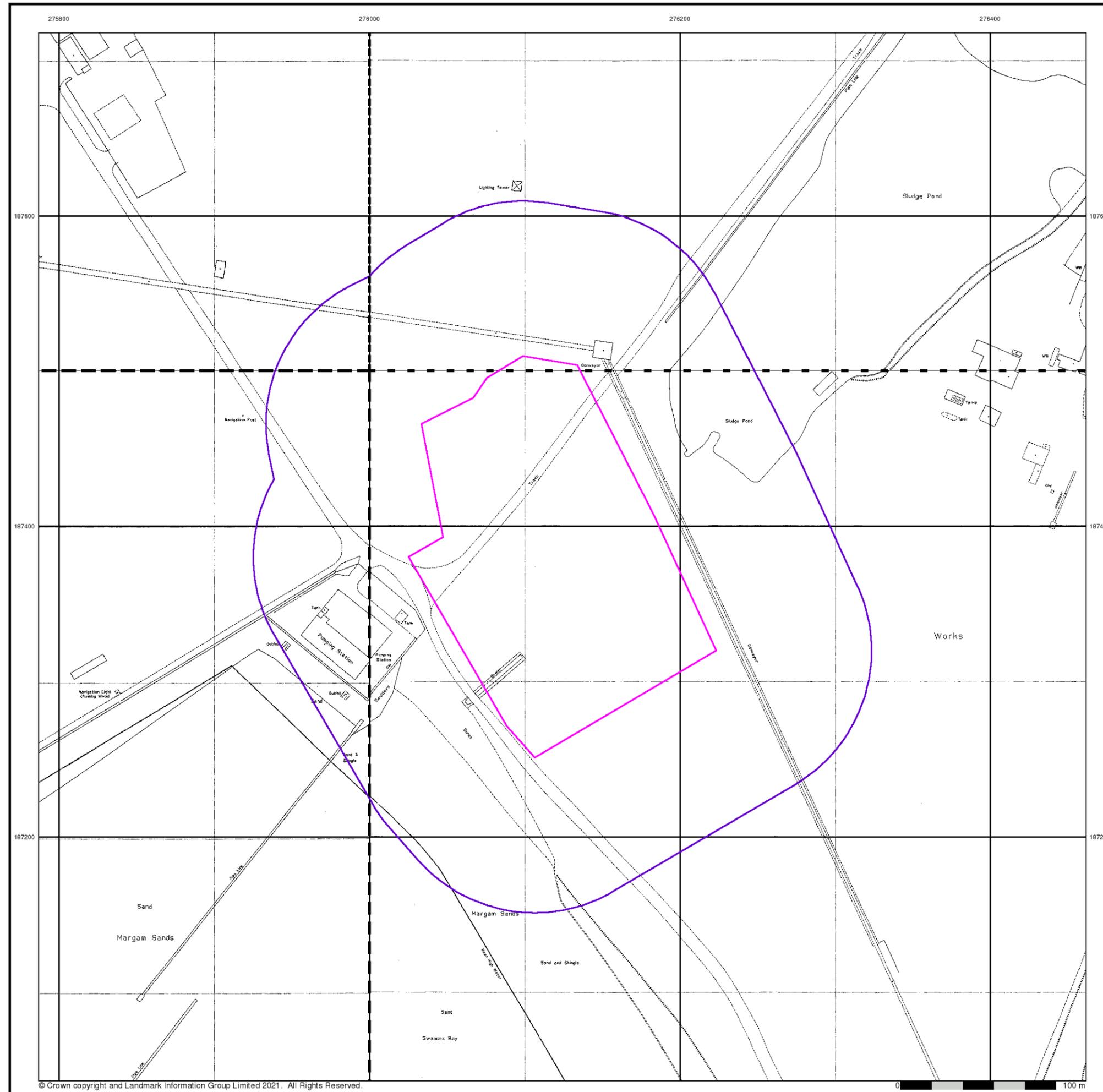
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 Customer Ref: 100381175-006 SV18-01
 National Grid Reference: 276120, 187380
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Large-Scale National Grid Data

Published 1993

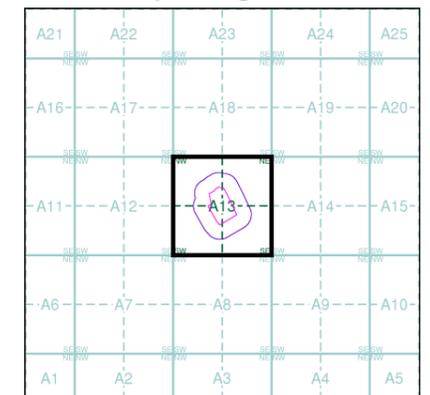
Source map scale - 1:1,250

'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)

| | |
|-----------------------------|-----------------------------|
| SS7587NE 1993 1:1,250 | SS7687NW 1993 1:1,250 |
| SS7587SE 1993 1:1,250 | SS7687SW 1993 1:1,250 |

Historical Map - Segment A13



Order Details

Order Number: 284099786_1_1
 Customer Ref: 100381175-006 SV18-01
 National Grid Reference: 276120, 187380
 Slice: A
 Site Area (Ha): 3.06
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Site Details

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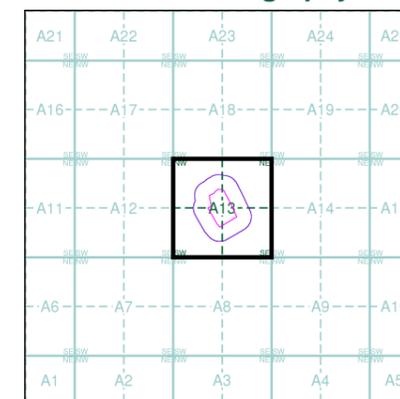
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Historical Aerial Photography

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 | | Minor Roads | | |
| | Sunken Road | | Raised Road | | |
| | Road over Railway | | Railway over River | | |
| | Railway over Road | | Level Crossing | | |
| | Road over River or Canal | | Road over Stream | | |
| | Road over Stream | | | | |
| | County Boundary (Geographical) | | | | |
| | County & Civil Parish Boundary | | | | |
| | Administrative County & Civil Parish Boundary | | | | |
| | County Borough Boundary (England) | | | | |
| | County Burgh Boundary (Scotland) | | | | |
| | Rural District Boundary | | | | |
| | Civil Parish Boundary | | | | |

Ordnance Survey Plan 1:10,000

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

1:10,000 Raster Mapping

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

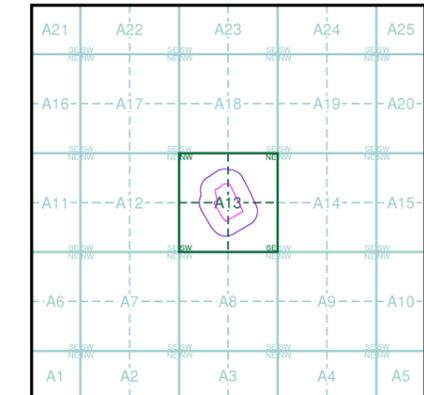
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Historical Mapping & Photography included:

| Mapping Type | Scale | Date | Pg |
|-------------------------------|----------|------|----|
| Glamorganshire | 1:10,560 | 1885 | 2 |
| Glamorganshire | 1:10,560 | 1900 | 3 |
| Glamorganshire | 1:10,560 | 1921 | 4 |
| Glamorganshire | 1:10,560 | 1938 | 5 |
| Historical Aerial Photography | 1:10,560 | 1949 | 6 |
| Glamorganshire | 1:10,560 | 1951 | 7 |
| Ordnance Survey Plan | 1:10,000 | 1965 | 8 |
| Ordnance Survey Plan | 1:10,000 | 1982 | 9 |
| Ordnance Survey Plan | 1:10,000 | 1993 | 10 |
| 10K Raster Mapping | 1:10,000 | 1999 | 11 |
| 10K Raster Mapping | 1:10,000 | 2006 | 12 |
| VectorMap Local | 1:10,000 | 2021 | 13 |

Historical Map - Slice A



Order Details

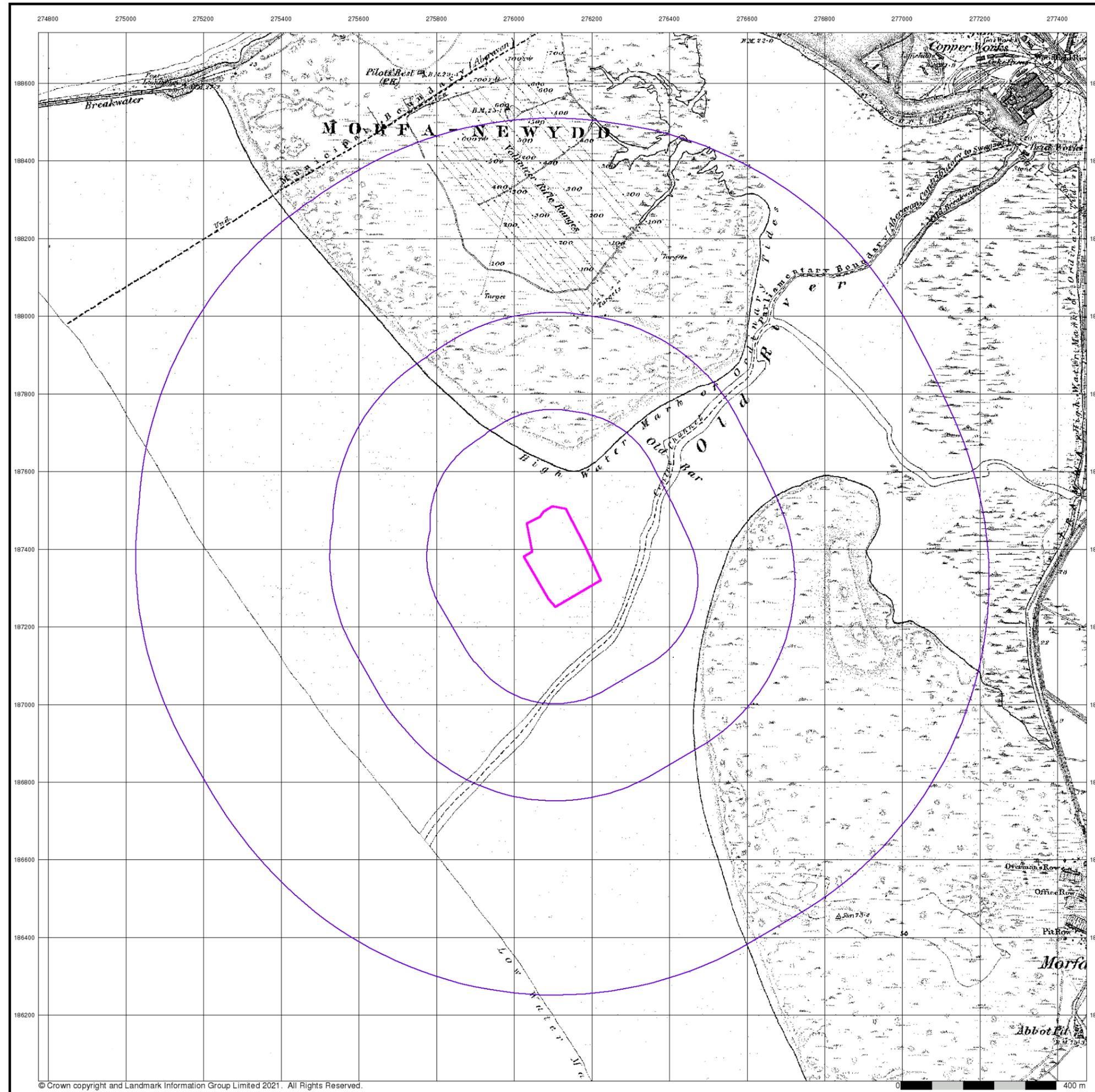
Order Number: 284099786_1_1
 Customer Ref: 100381175-006 SV18-01
 National Grid Reference: 276120, 187380
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 Search Buffer (m): 1000

Site Details

Afan Water Treatment, Phoenix Wharf, The Docks, Port Talbot, SA13 1RA

Landmark
 INFORMATION GROUP

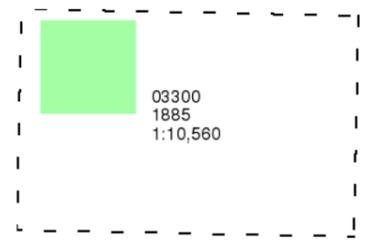
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 Web: www.envirocheck.co.uk



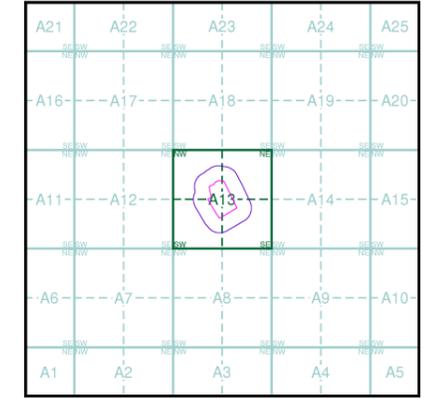
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Glamorganshire
Published 1885
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

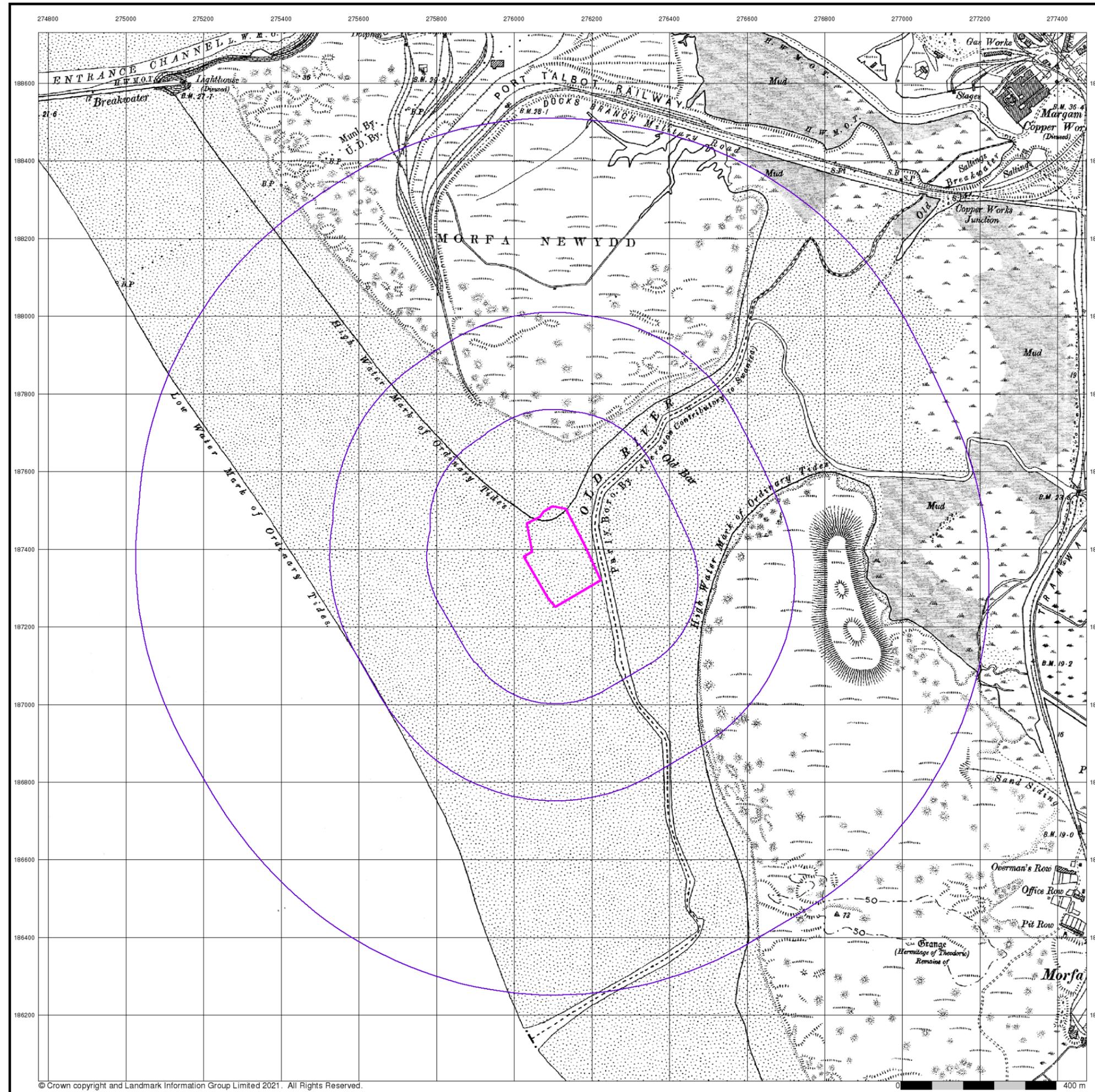
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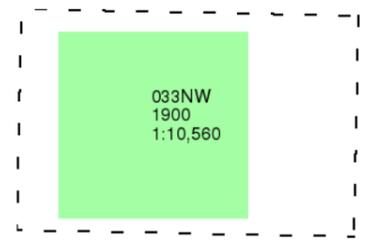
Glamorganshire

Published 1900

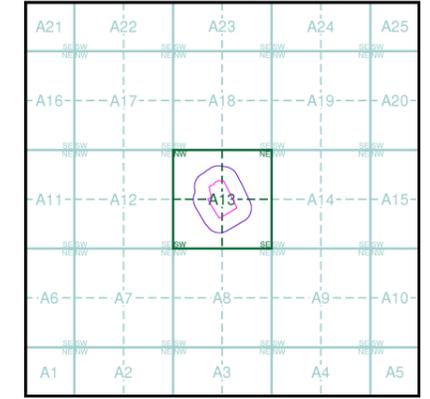
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

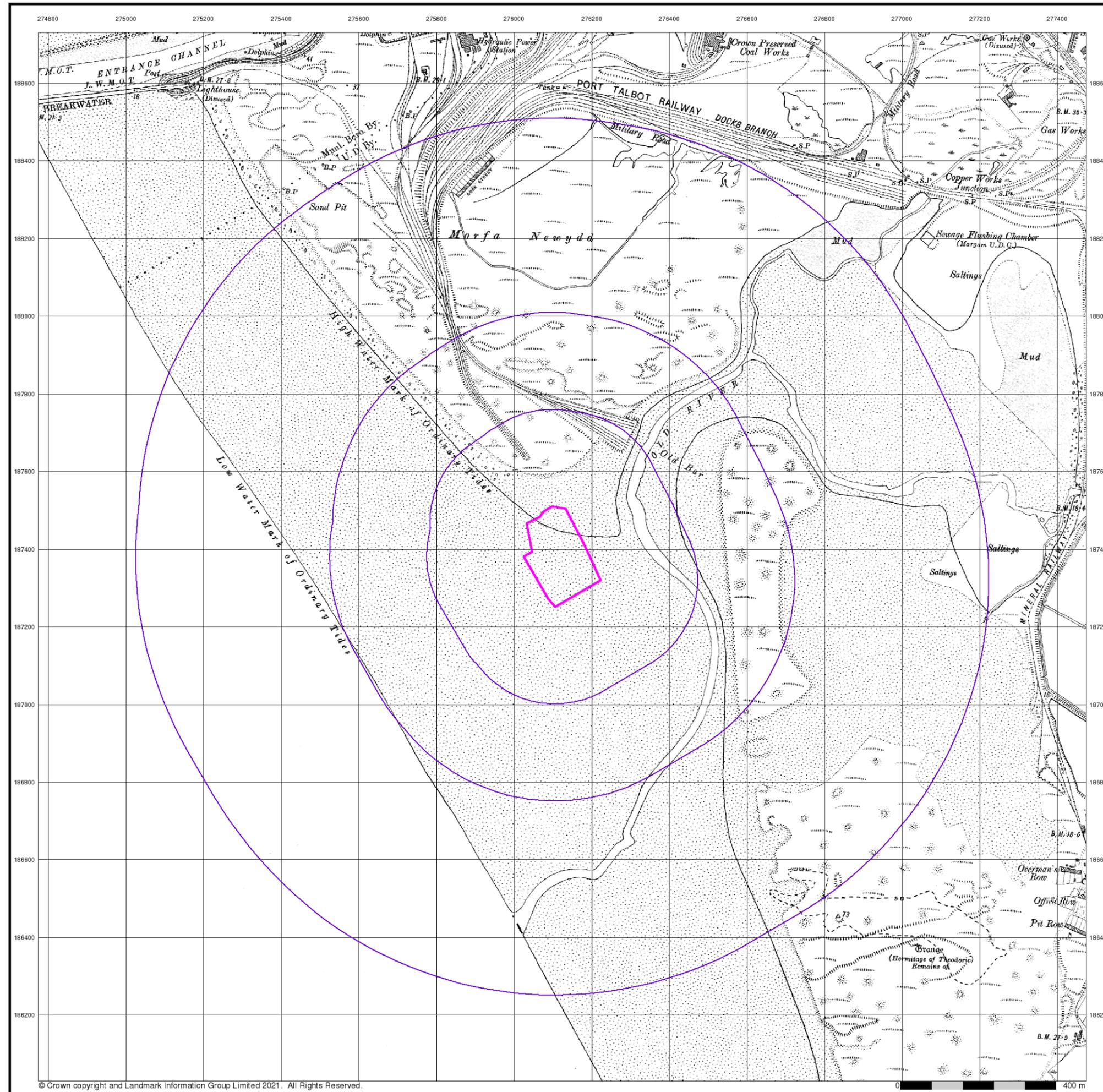
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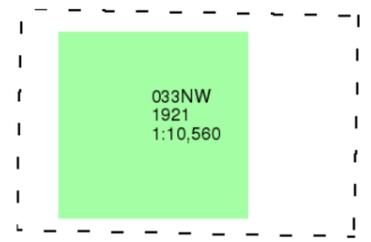
Glamorganshire

Published 1921

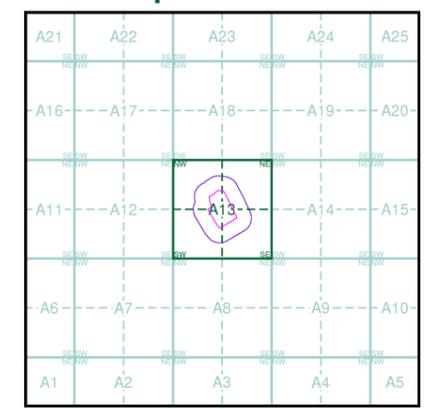
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

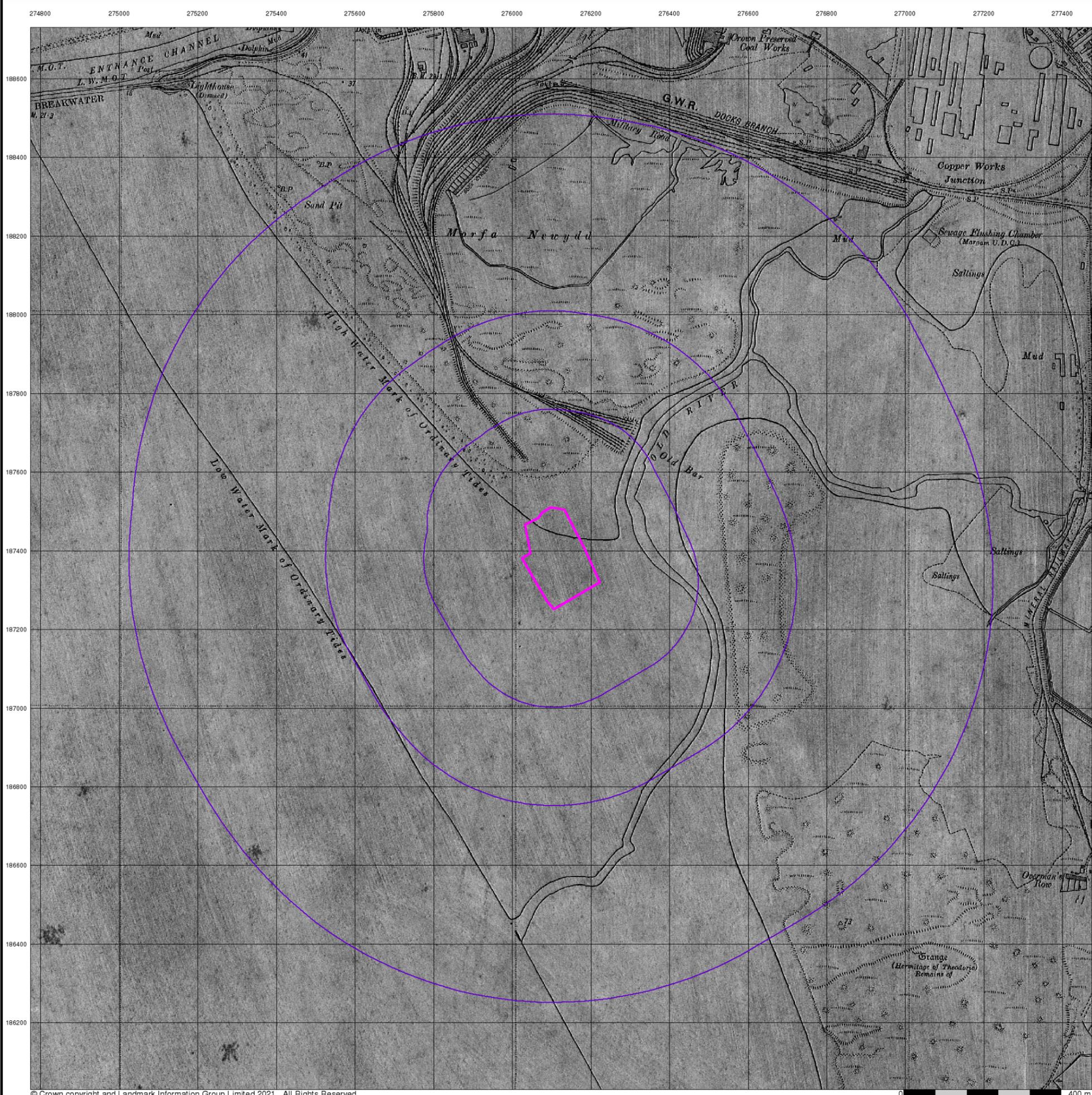
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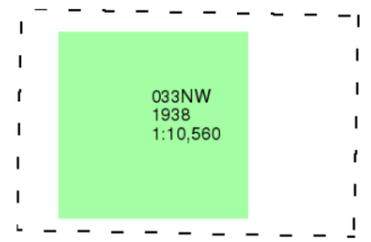
Glamorganshire

Published 1938

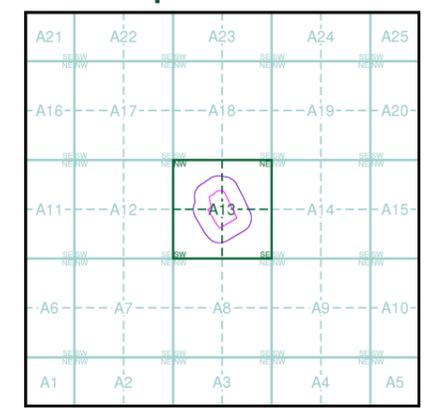
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 284099786_1_1
 Customer Ref: 100381175-006 SV18-01
 National Grid Reference: 276120, 187380
 Slice: A
 Site Area (Ha): 3.06
 Search Buffer (m): 1000

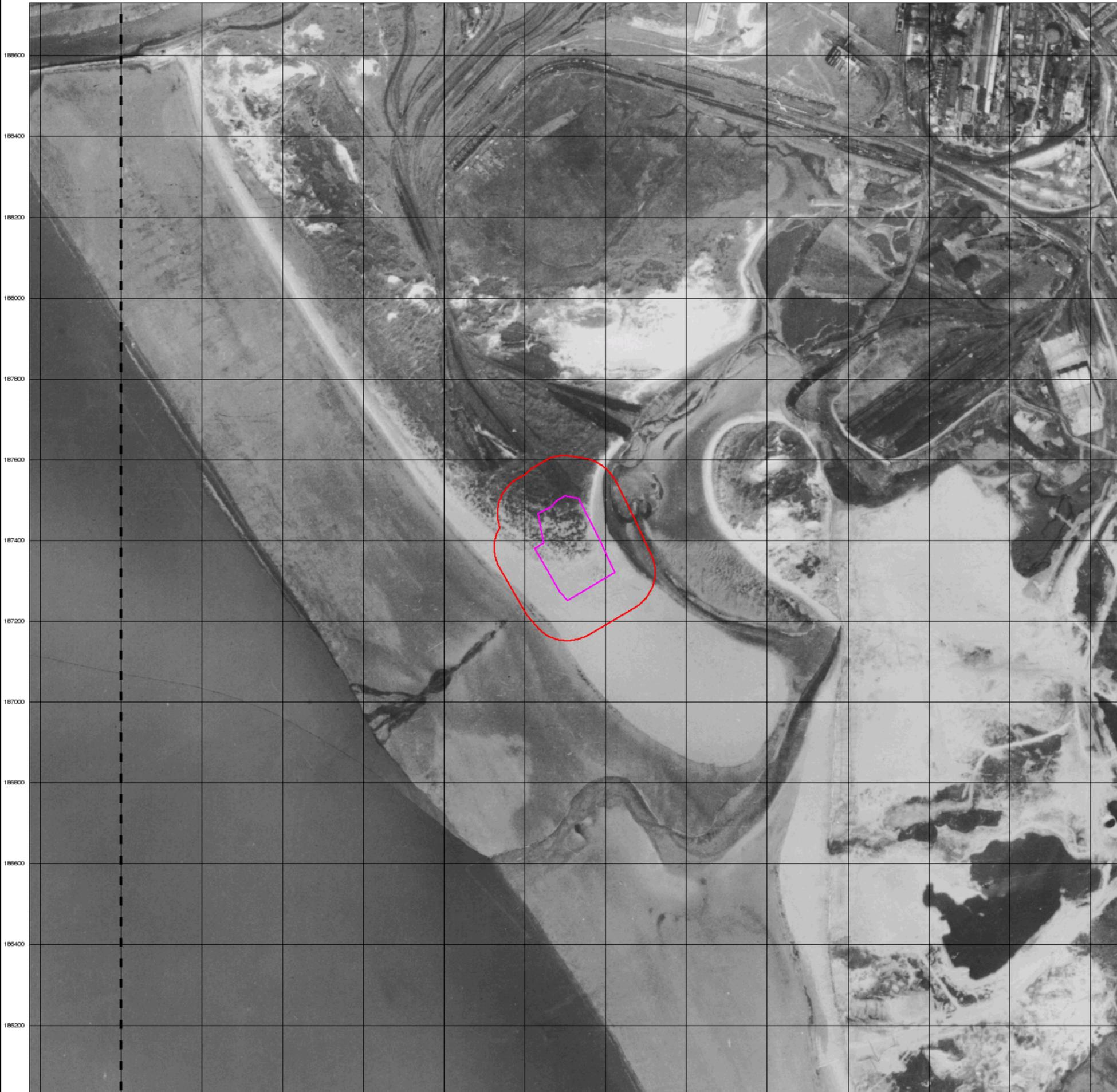
Site Details

Afan Water Treatment, Phoenix Wharf, The Docks, Port Talbot, SA13 1RA

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274800 275000 275200 275400 275600 275800 276000 276200 276400 276600 276800 277000 277200 277400



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Historical Aerial Photography

Published 1949

Source map scale - 1:10,560

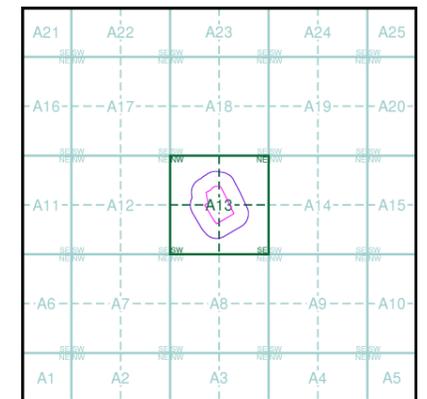
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the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

| | |
|----------------------------|----------------------------|
| SS78NW 1949 1:10,560 | SS78NE 1949 1:10,560 |
|----------------------------|----------------------------|

Historical Aerial Photography - Slice A



Order Details

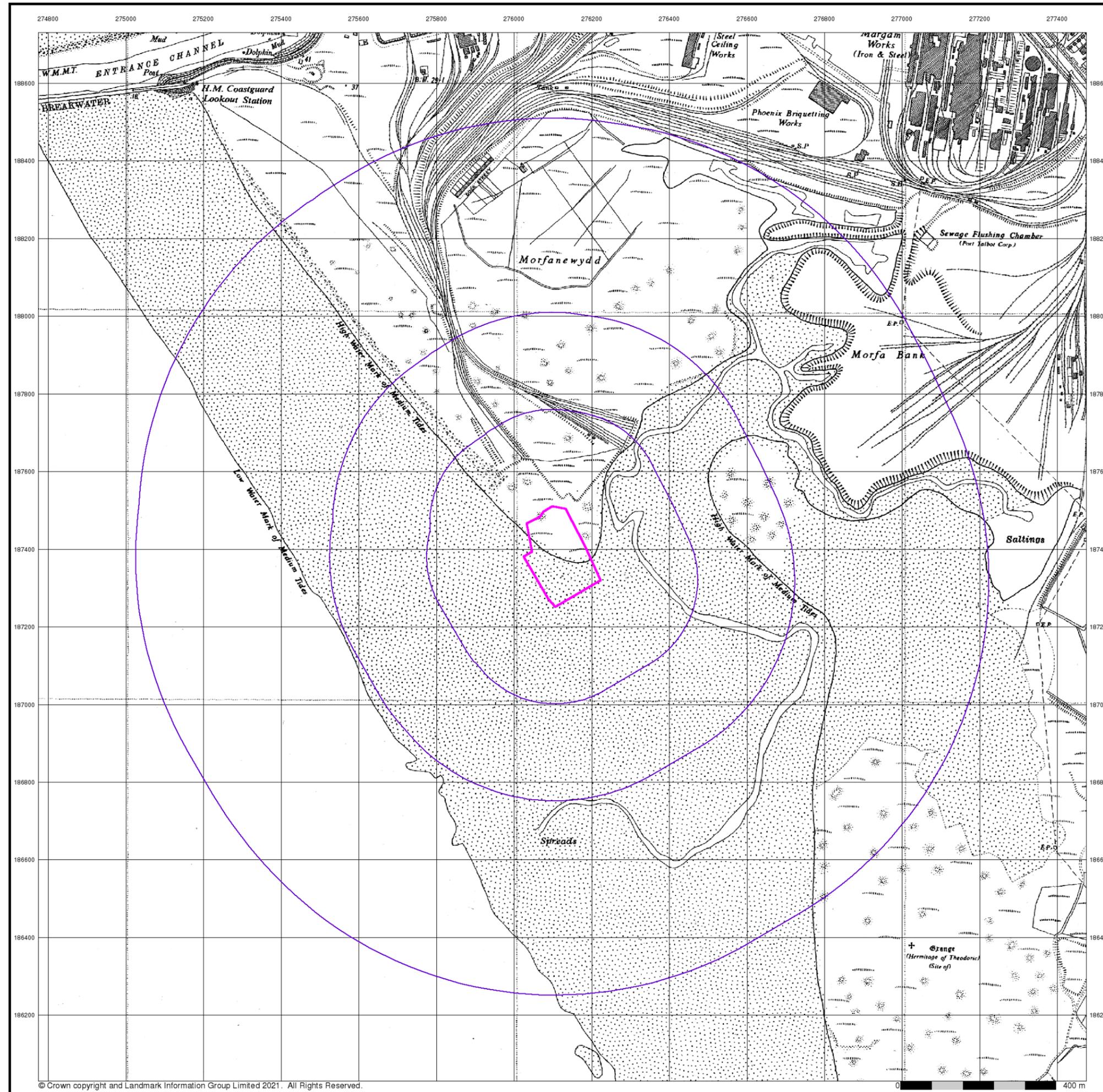
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 Customer Ref: 100381175-006 SV18-01
 National Grid Reference: 276120, 187380
 Slice: A
 Site Area (Ha): 3.06
 Search Buffer (m): 1000

Site Details

Afan Water Treatment, Phoenix Wharf, The Docks, Port Talbot, SA13 1RA

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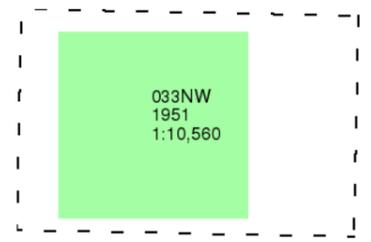
M M
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Glamorganshire
Published 1951

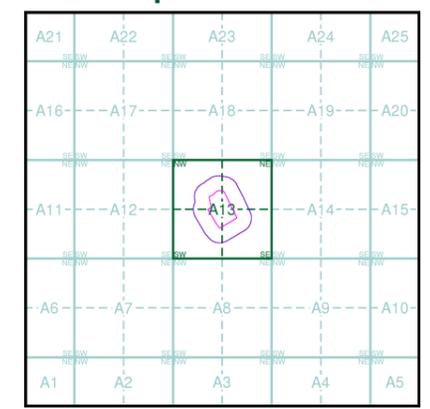
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

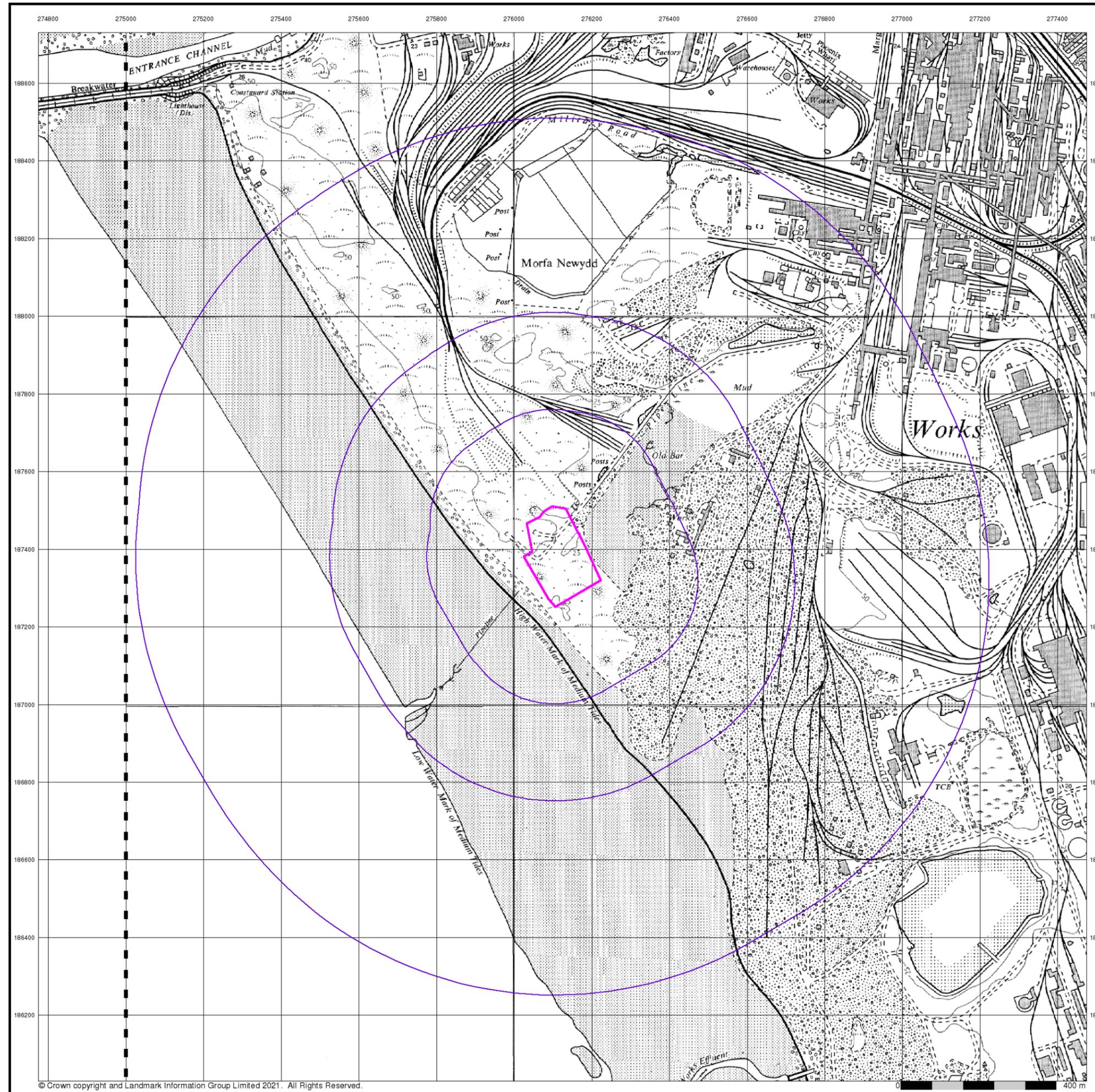
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Site Details

Afan Water Treatment, Phoenix Wharf, The Docks, Port Talbot, SA13 1RA

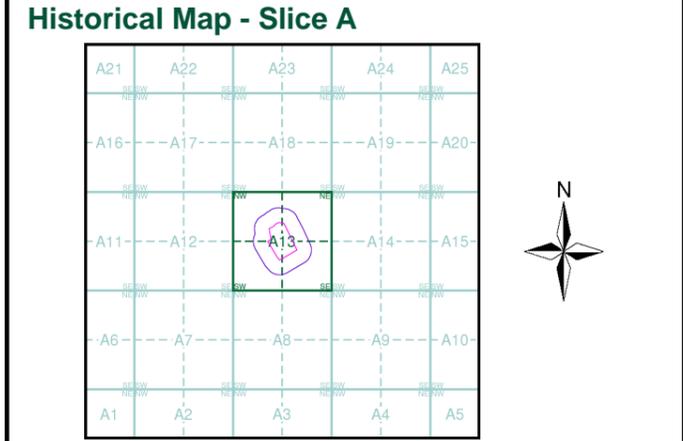
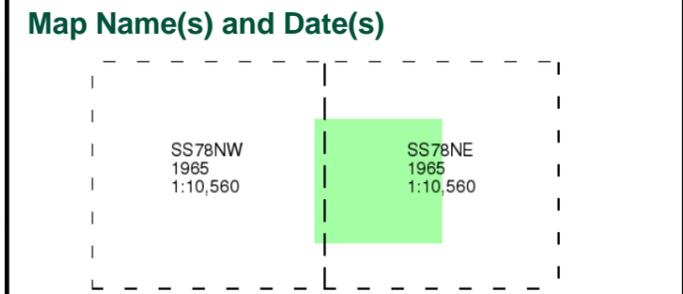
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Ordnance Survey Plan
Published 1965
Source map scale - 1:10,000

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



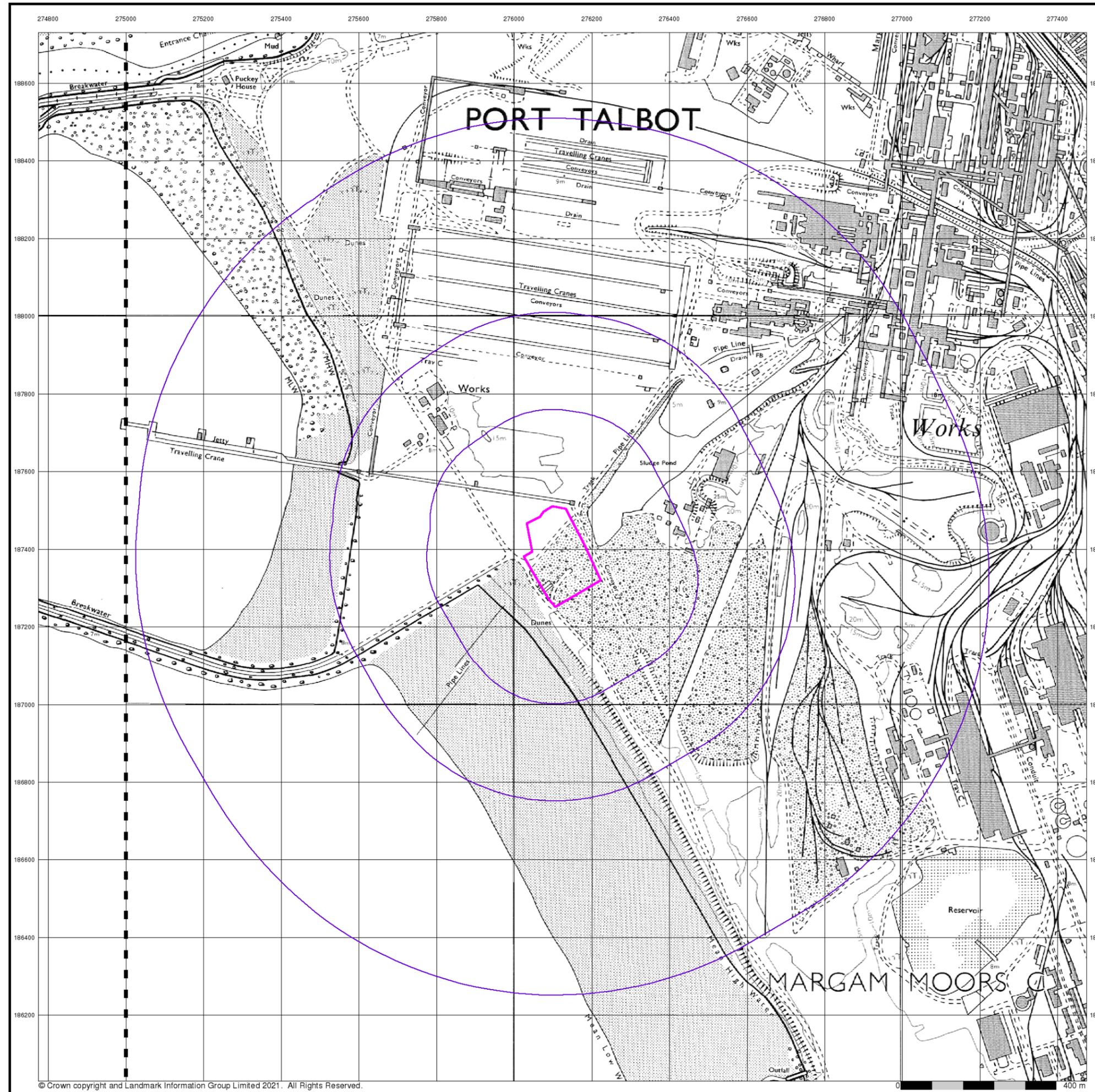
Order Details

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Site Details
 Afan Water Treatment, Phoenix Wharf, The Docks, Port Talbot, SA13 1RA

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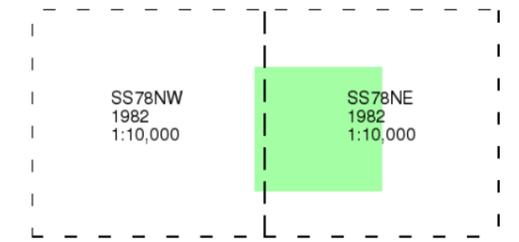
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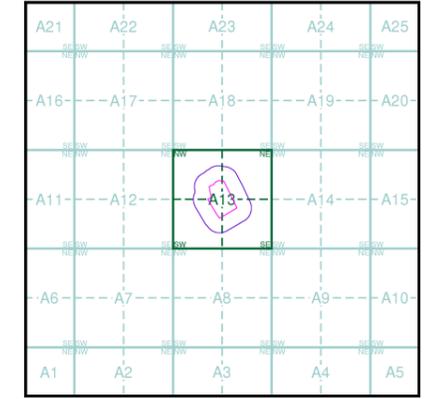
M M
MOTT MACDONALD
Ordnance Survey Plan
Published 1982
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



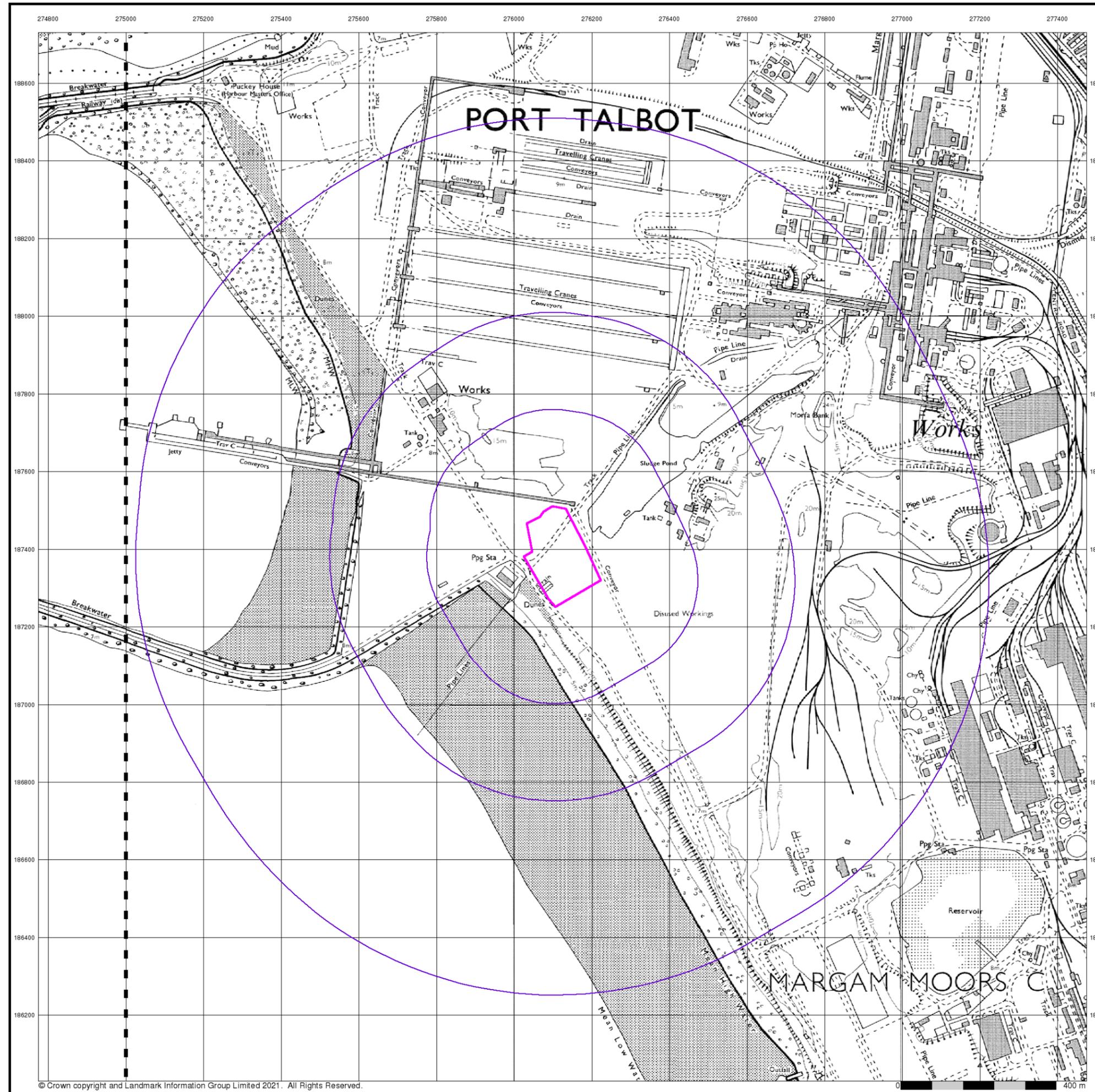
Historical Map - Slice A



Order Details
 Order Number: 284099786_1_1
 Customer Ref: 100381175-006 SV18-01
 National Grid Reference: 276120, 187380
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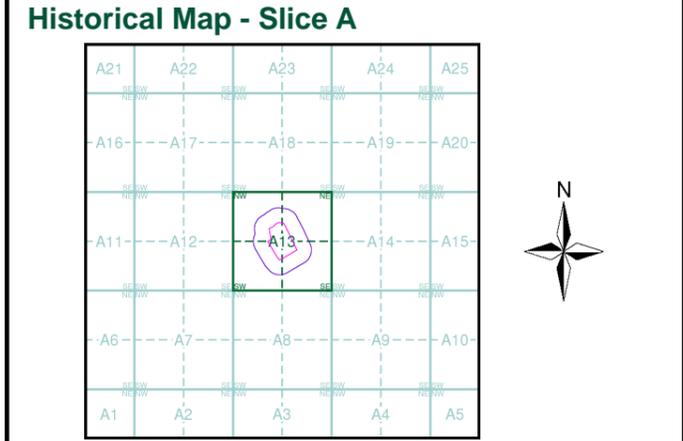
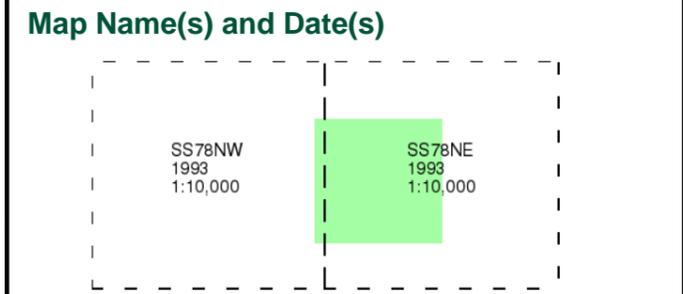
Site Details
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Ordnance Survey Plan
Published 1993
Source map scale - 1:10,000

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.



Order Details

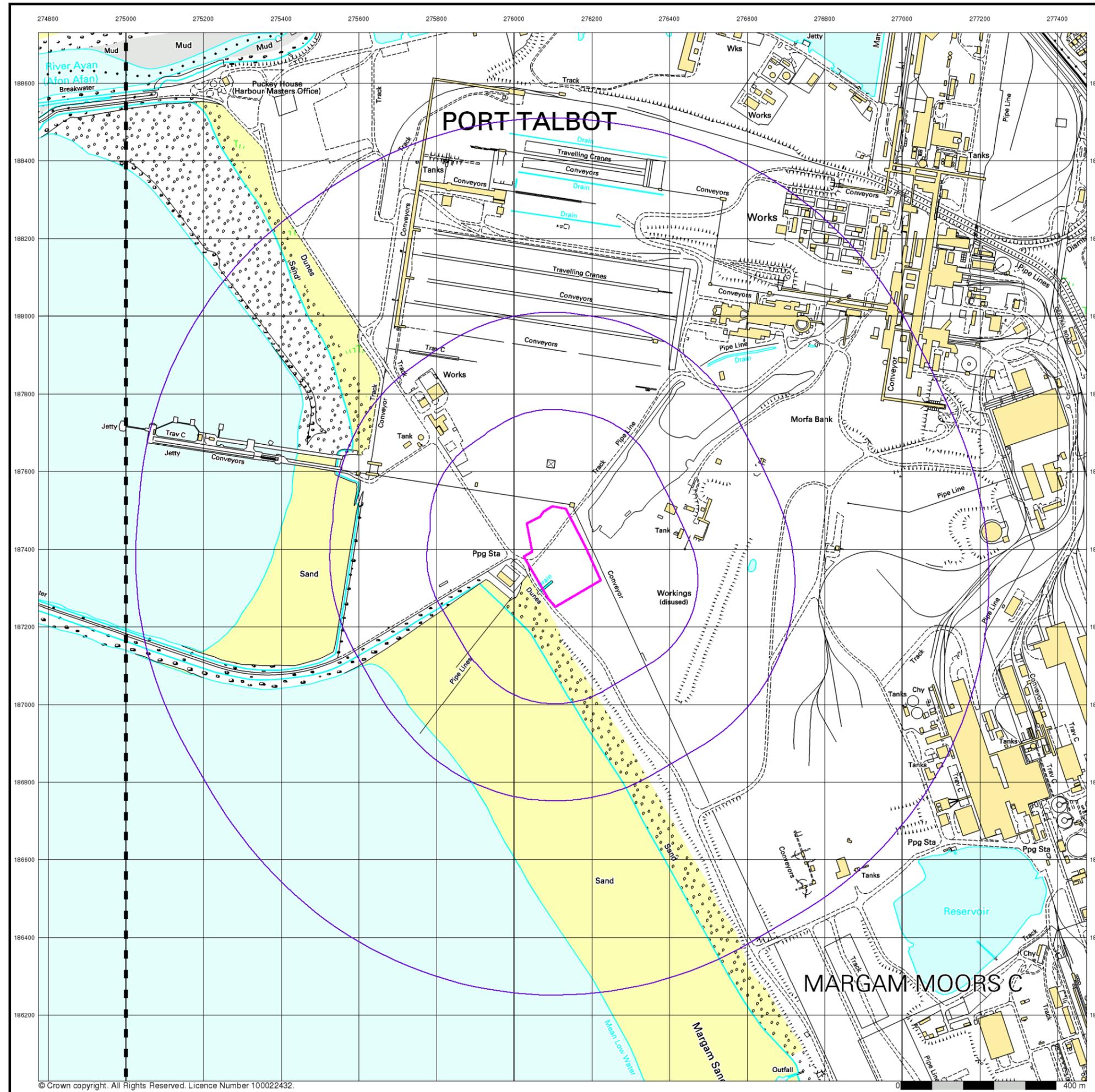
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Site Details

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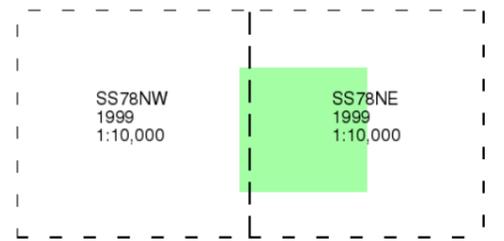
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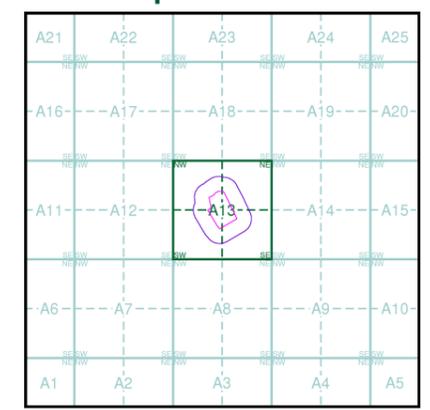
M M
MOTT MACDONALD
10k Raster Mapping
Published 1999
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



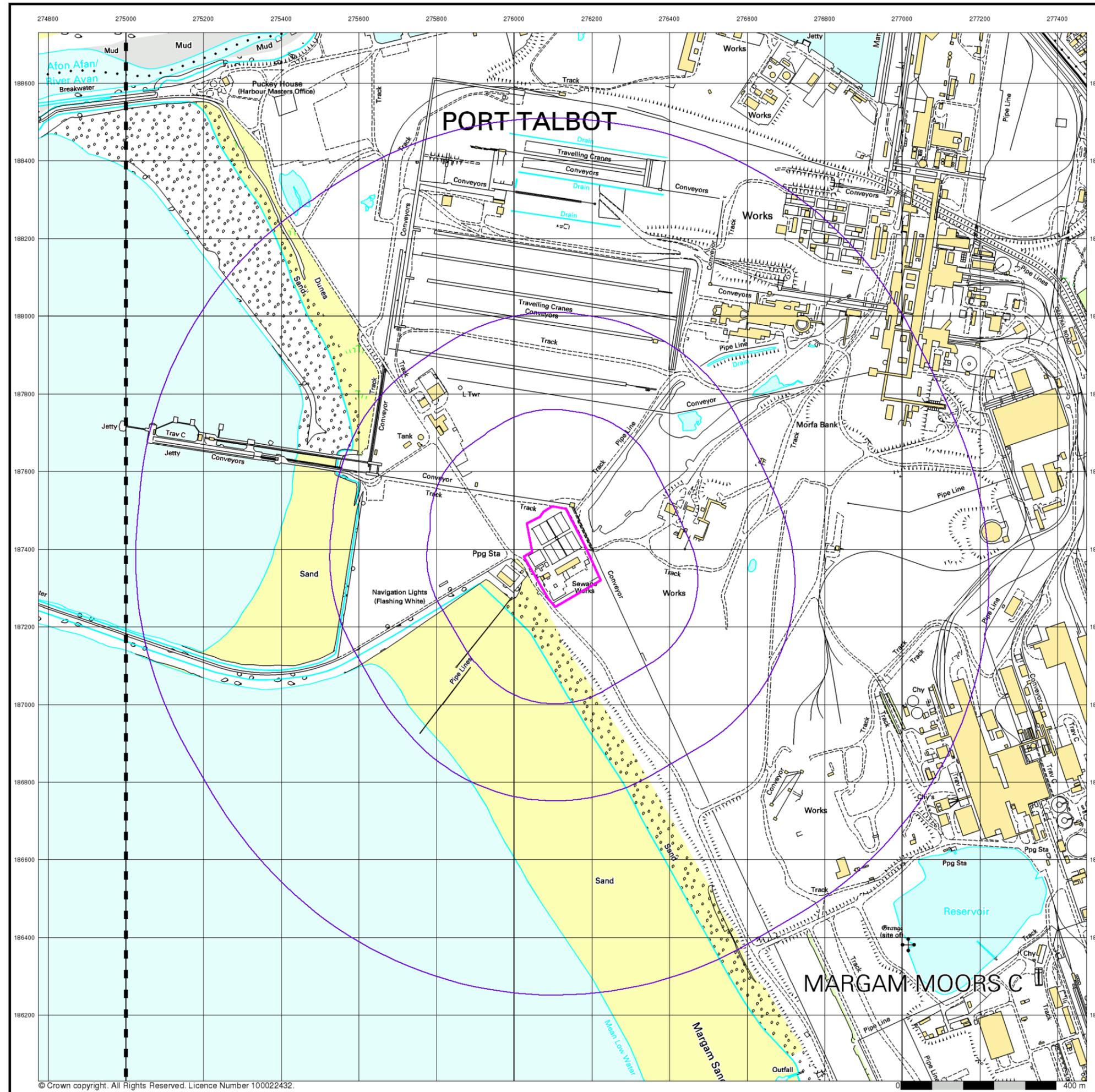
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Site Details

Afan Water Treatment, Phoenix Wharf, The Docks, Port Talbot, SA13 1RA

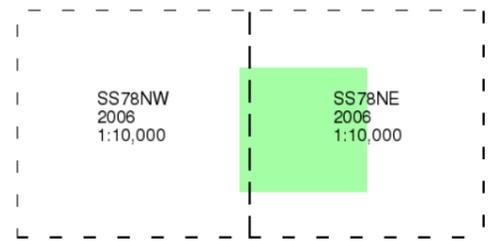
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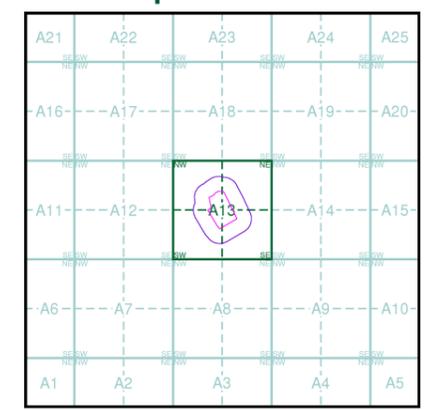
M M
MOTT MACDONALD
10k Raster Mapping
Published 2006
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

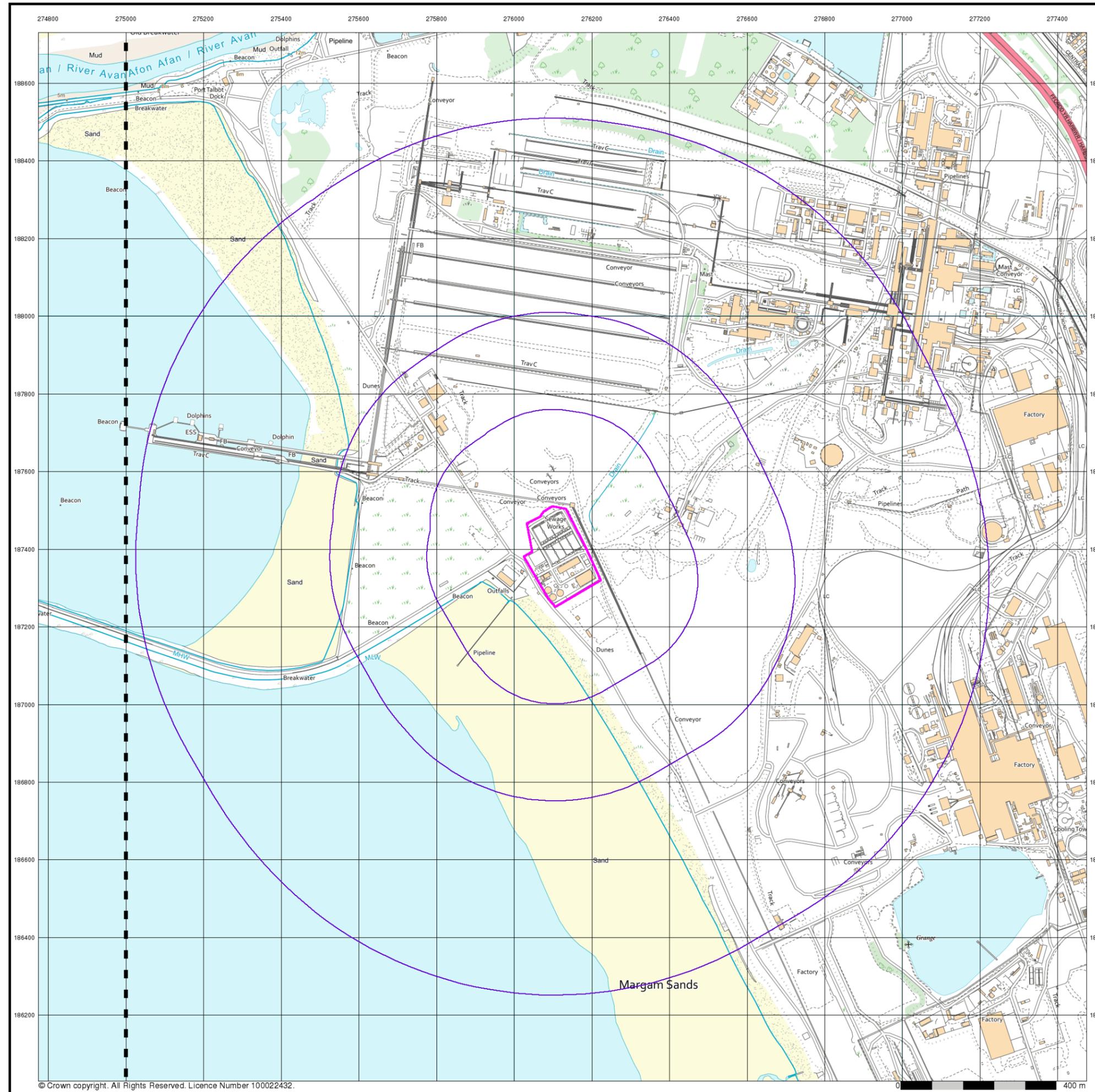
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Site Details

Afan Water Treatment, Phoenix Wharf, The Docks, Port Talbot, SA13 1RA



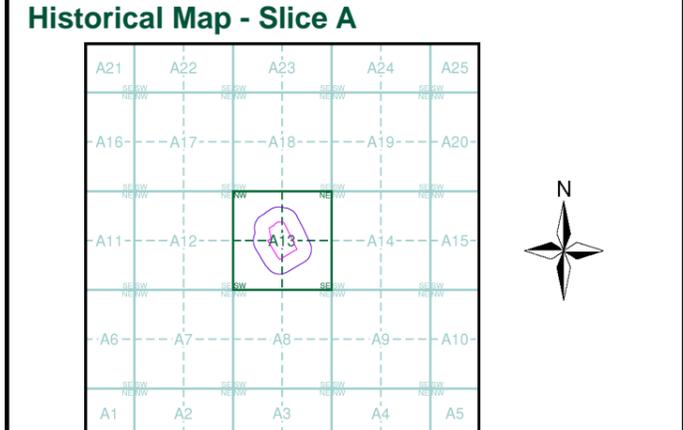
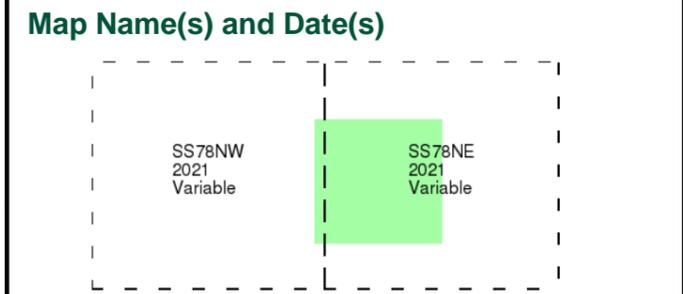
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VectorMap Local
Published 2021
Source map scale - 1:10,000

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



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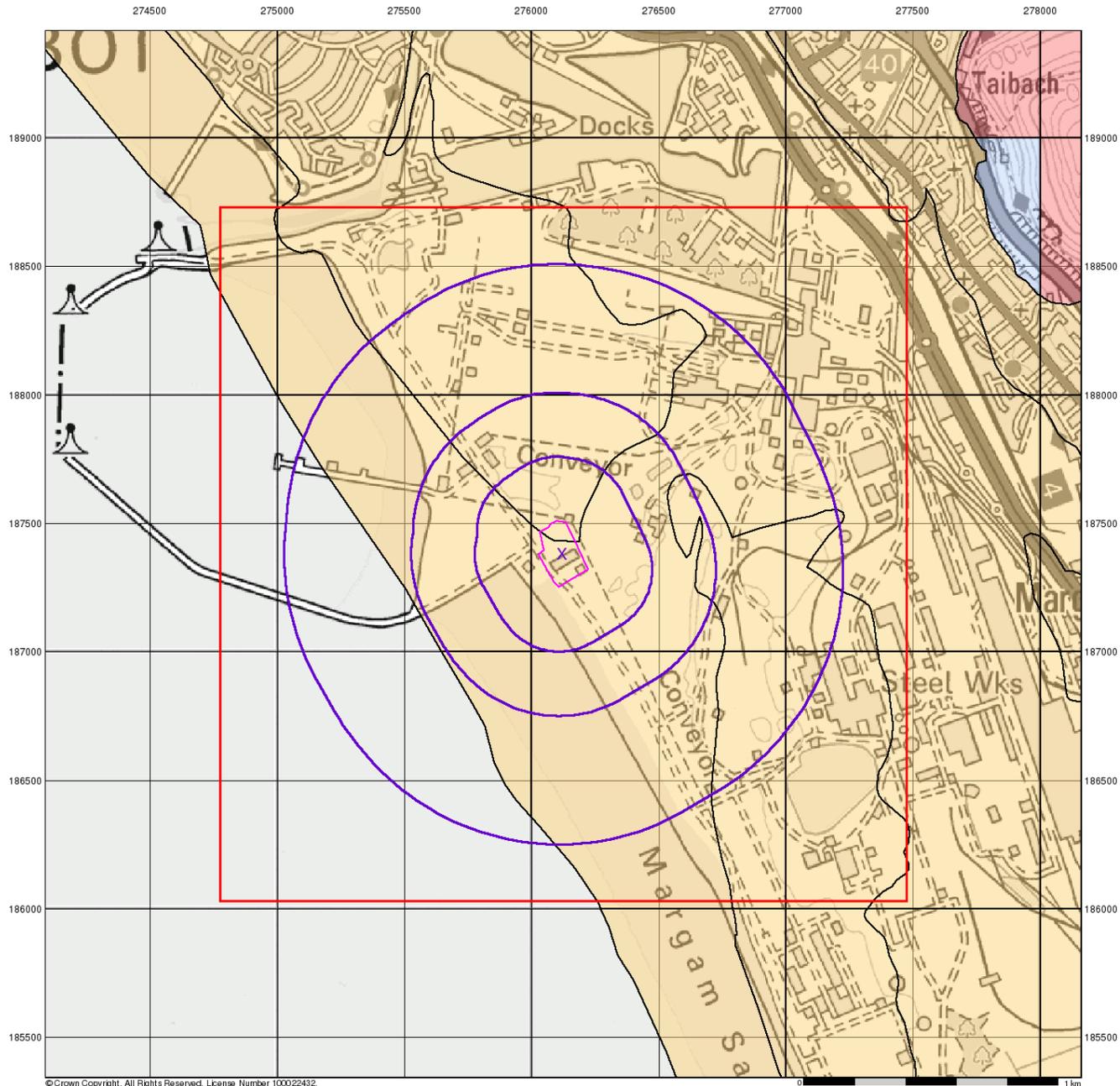
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Groundwater Vulnerability

General

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

Agency and Hydrological

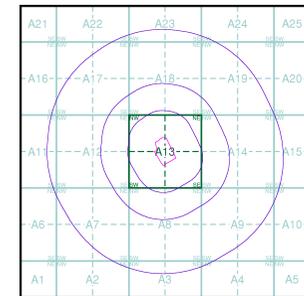
Bedrock Aquifers

- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer
- Unproductive Aquifer
- Soluble Rock

Superficial Aquifers

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

Site Sensitivity Context Map - Slice A



Order Details

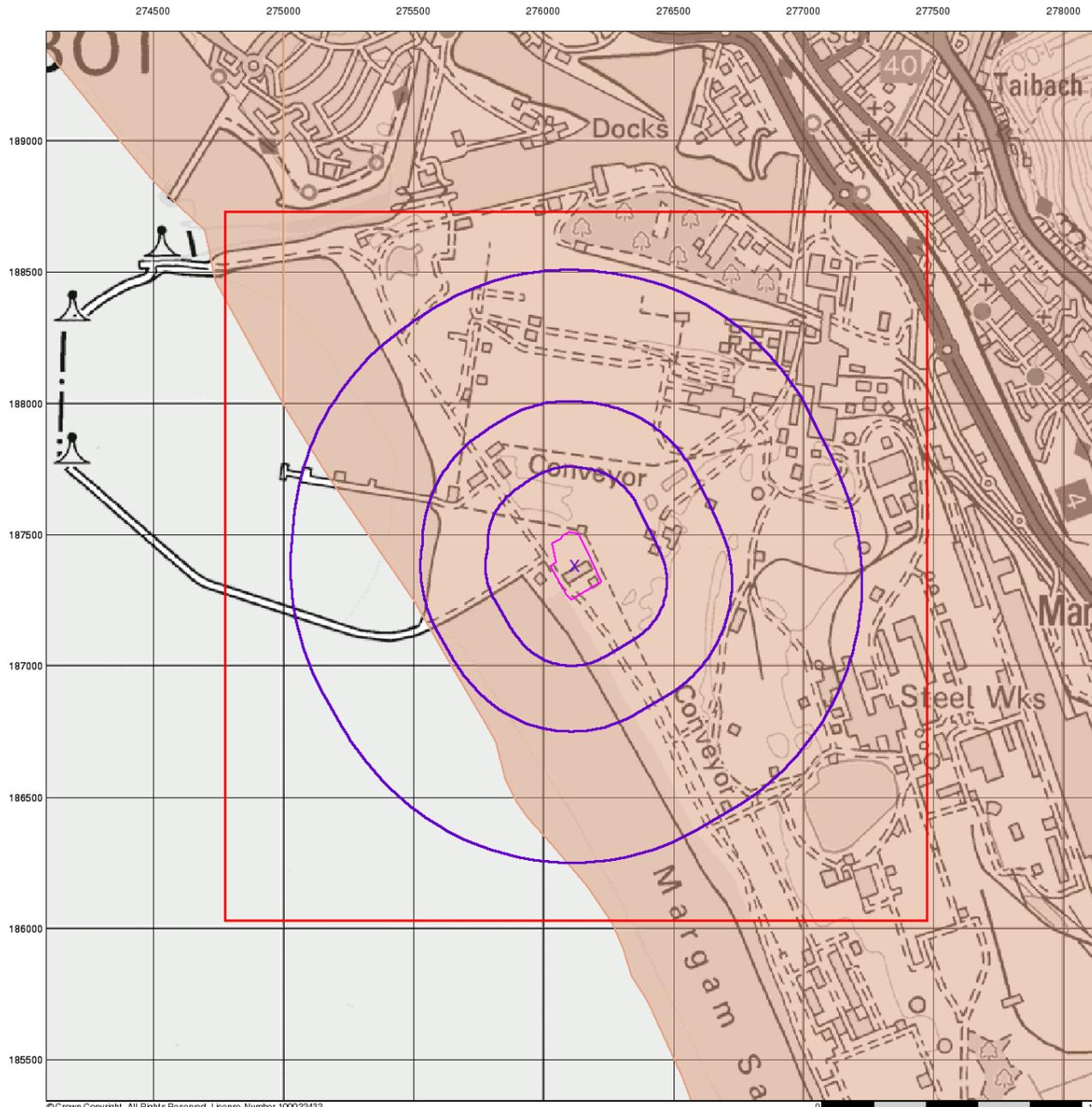
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Bedrock Aquifer Designation

General

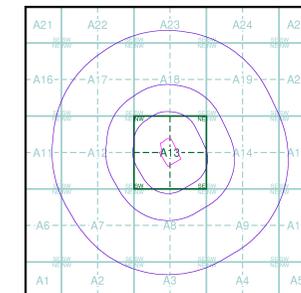
- ▭ Specified Site
- Specified Buffer(s)
- ✕ Bearing Reference Point
- ▭ Slice
- B Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

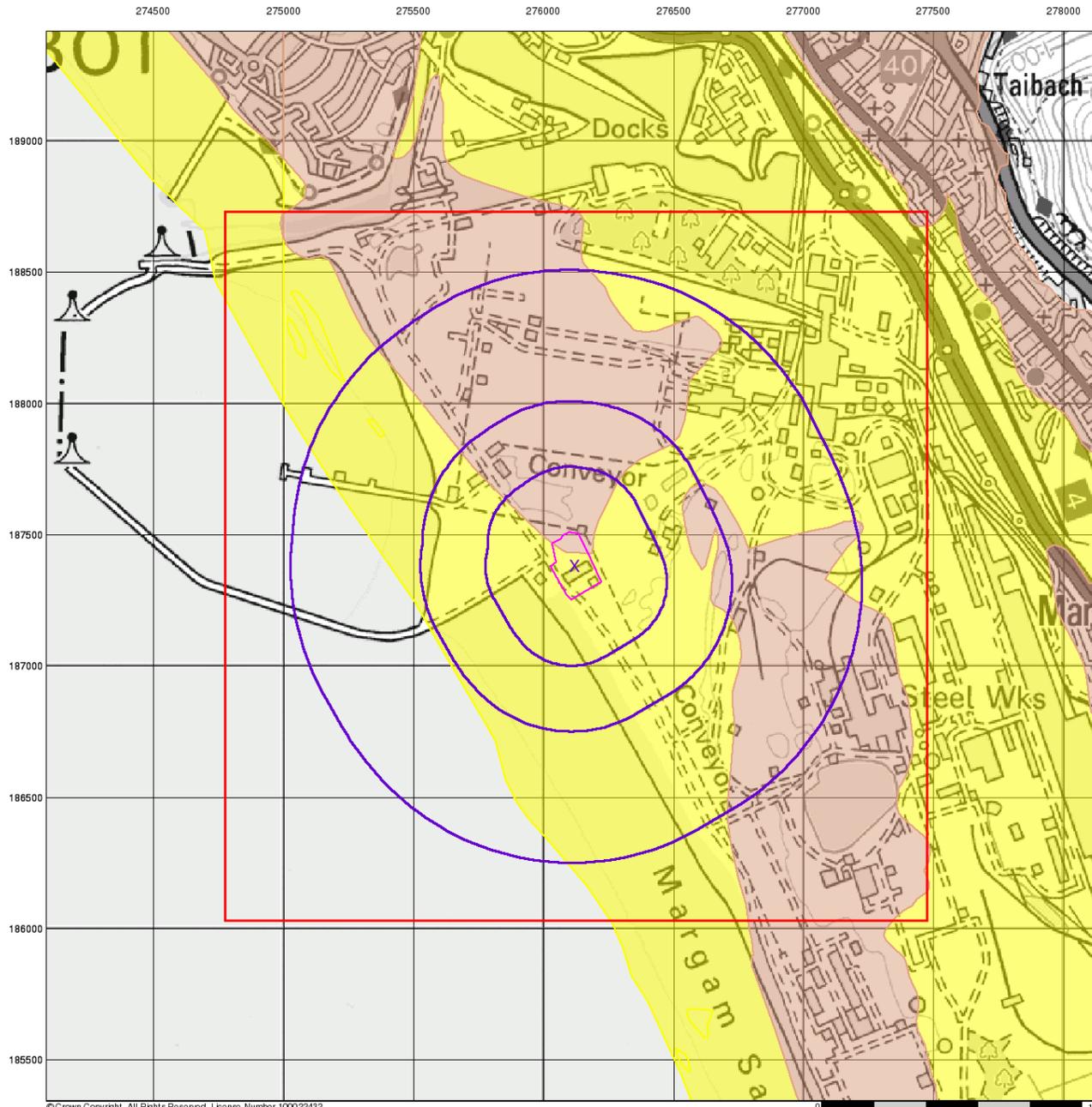
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Superficial Aquifer Designation

General

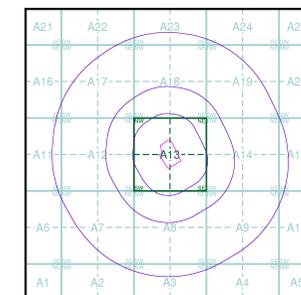
- ▭ Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- ▭ Slice
- B Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

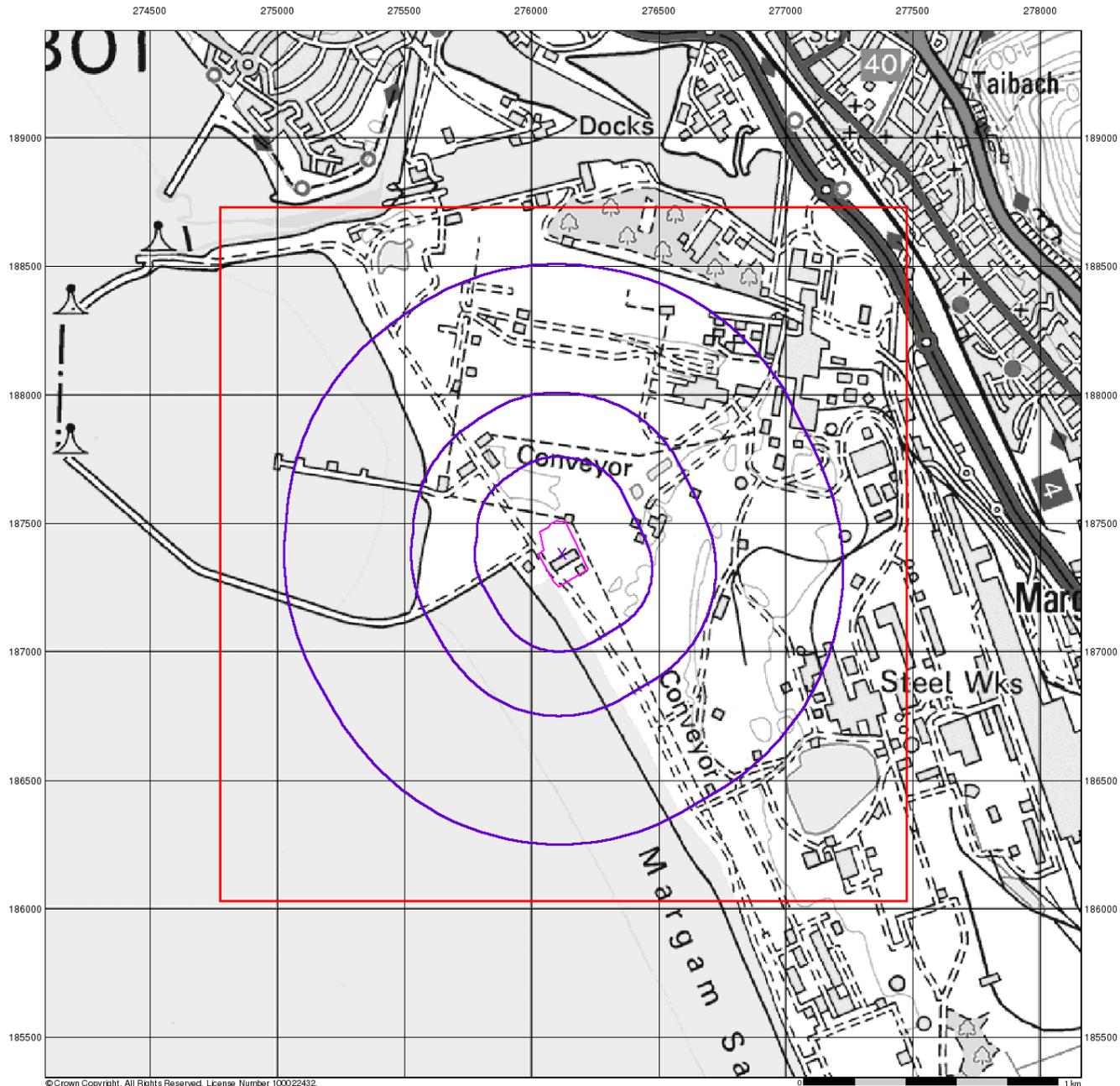
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 Search Buffer (m): 1000

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Source Protection Zones

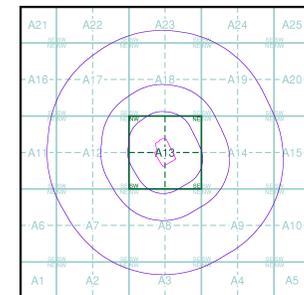
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A



Order Details

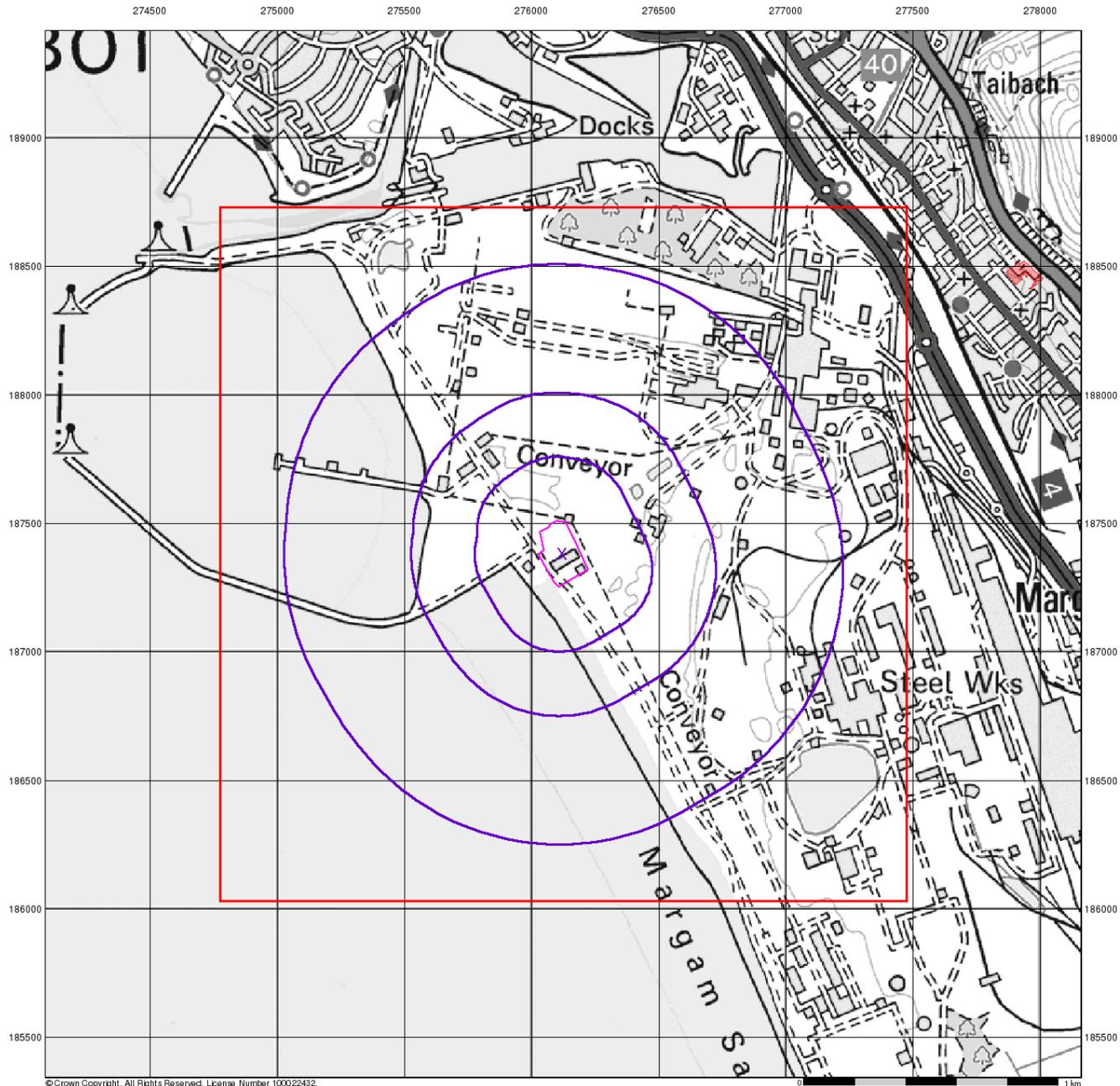
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Sensitive Land Uses

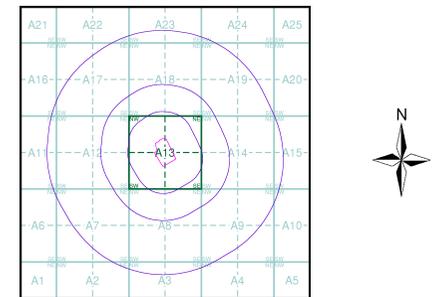
General

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

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice A



Order Details

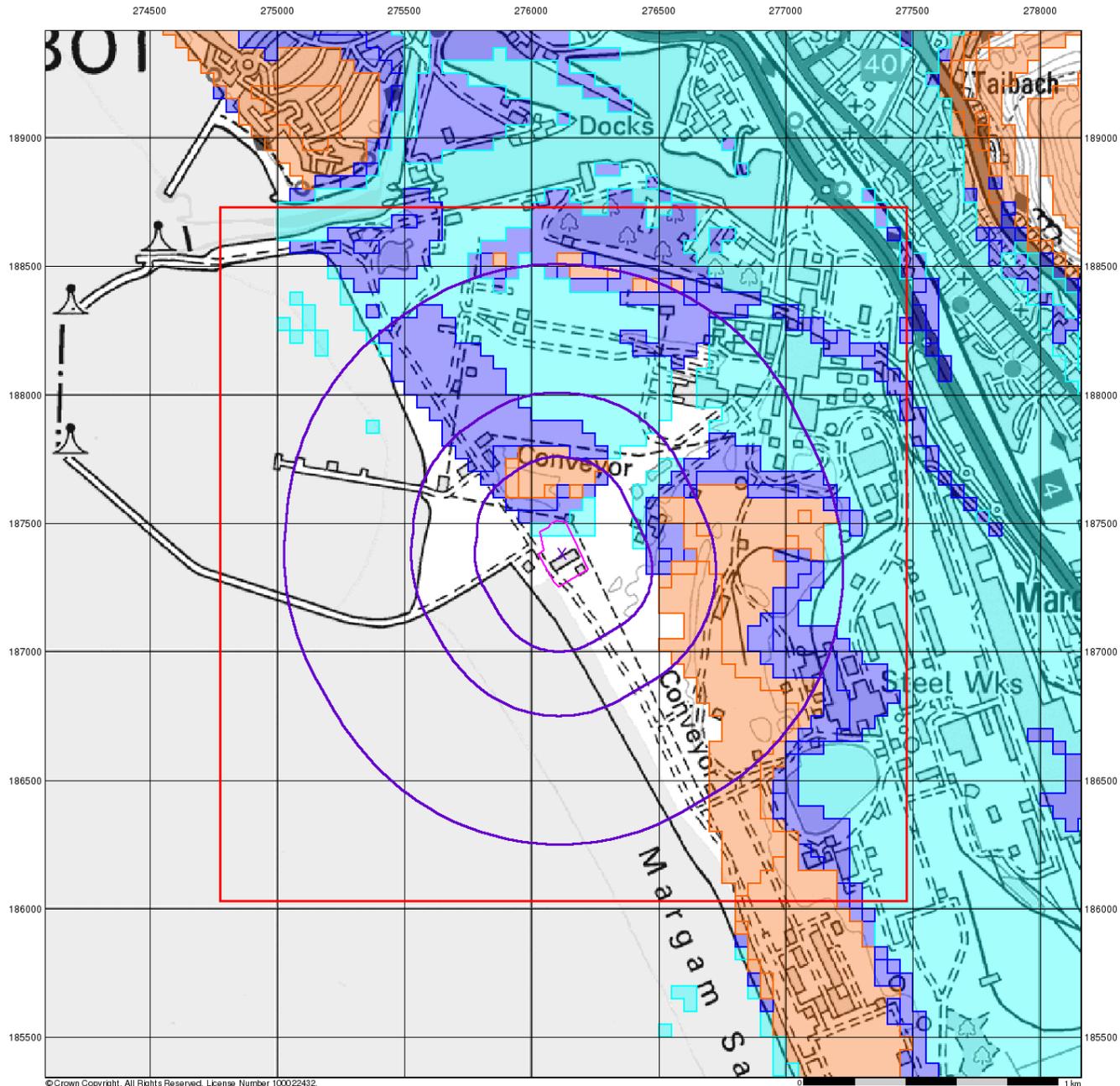
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BGS Flood GFS Data

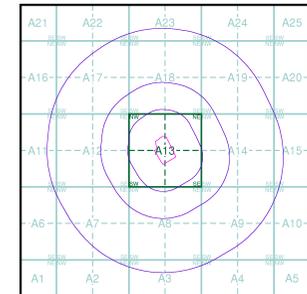
General

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

Agency and Hydrological (Flood)

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

Site Sensitivity Context Map - Slice A



Order Details

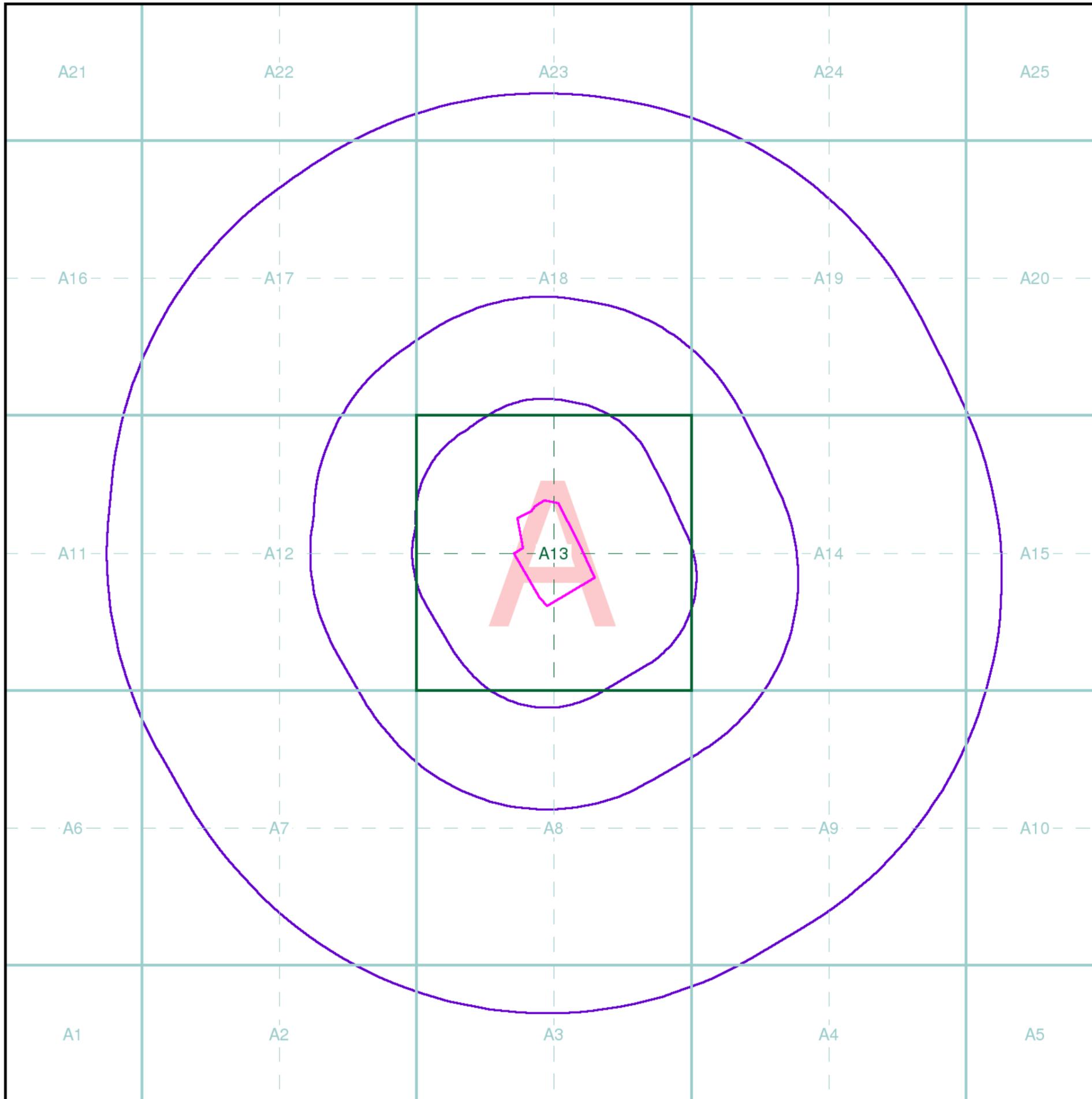
Order Number: 284099786_1_1
 Customer Ref: 100381175-006 SV18-01
 National Grid Reference: 276120, 187380
 Slice: A
 Site Area (Ha): 3.06
 Search Buffer (m): 1000

Site Details

Afan Water Treatment, Phoenix Wharf, 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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MOTT MACDONALD

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.

Prepared For
Welsh Water

Client Details
Miss L Bethell, Mott Macdonald, Demeter House, Station Road, Cambridge, CB1 2RS

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