

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
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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	Discharge Consents 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	A13SW (SW)	300	2	275850 187090
2	Discharge Consents 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	A13SW (SW)	300	3	275850 187090
2	Discharge Consents 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	A13SW (SW)	300	2	275850 187090
2	Discharge Consents 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	A13SW (SW)	300	2	275850 187090

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents 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	A13SW (SW)	300	2	275850 187090
3	Discharge Consents 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	A12SE (SW)	422	2	275700 187100
3	Discharge Consents 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	A12SE (SW)	422	2	275700 187100
3	Discharge Consents 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	A12SE (SW)	422	2	275700 187100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Discharge Consents 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	A14SW (E)	551	2	276768 187238
4	Discharge Consents 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	A14SW (E)	551	2	276768 187238
4	Discharge Consents 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	A14SW (E)	551	2	276768 187238
5	Discharge Consents 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	A14NE (E)	798	2	277000 187500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	Integrated Pollution Prevention And Control 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	A13NW (N)	0	3	276120 187400
6	Integrated Pollution Prevention And Control 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	A13NW (N)	0	2	276120 187400
7	Integrated Pollution Prevention And Control Name: Prenergy Power Ltd Location: Port Talbot Renewable Energy Plant, Port Talbot Renewable Energy Plant, Port Talbot Dock,, Port Talbot, SA13 1RB Authority: Natural Resources Wales Permit Reference: QP3232NY Original Permit Ref: Bp3936ls Effective Date: 1st August 2013 Status: Surrender Effective Application Type: Surrender App. Sub Type: Whole Positional Accuracy: Located by supplier to within 10m Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N	A17SE (NW)	646	2	275630 187970
7	Integrated Pollution Prevention And Control Name: Prenergy Power Ltd Location: Port Talbot Renewable Energy Plant, Port Talbot Renewable Energy Plant, Port Talbot Dock,, Port Talbot, SA13 1RB Authority: Natural Resources Wales Permit Reference: DP3933HA Original Permit Ref: Bp3936ls Effective Date: 23rd March 2011 Status: Superseded By Variation Application Type: Variation App. Sub Type: Standard Positional Accuracy: Located by supplier to within 100m Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Y	A17SE (NW)	646	2	275630 187970

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	Integrated Pollution Prevention And Control Name: Prenergy Power Ltd Location: Port Talbot Renewable Energy Plant, Port Talbot Renewable Energy Plant, Port Talbot Dock,, Port Talbot, SA13 1RB Authority: Natural Resources Wales Permit Reference: BP3936LS Original Permit Ref: Bp3936ls Effective Date: 29th September 2009 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Located by supplier to within 10m Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Y	A17SE (NW)	646	2	275630 187970
8	Local Authority Pollution Prevention and Controls 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	A9NE (SE)	834	4	276957 186924
	Nearest Surface Water Feature	A13NE (NE)	40	-	276209 187445
9	Pollution Incidents to Controlled Waters 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	A13SW (SW)	63	3	276000 187300
10	Pollution Incidents to Controlled Waters 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	A9SW (SE)	849	3	276500 186500
	Water Abstractions Operator: Corus Uk Strip Products Licence Number: 21/58/61/0012 Permit Version: 100 Location: Port Talbot Docks Authority: Environment Agency, Welsh Region Abstraction: Metal: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Licenced from 01-Jan to 31-Dec Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A24SE (NE)	1320	3	276890 188585

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Tata Steel Uk Limited Licence Number: 21/58/61/0012 Permit Version: 101 Location: Port Talbot Docks Authority: Natural Resources Wales Abstraction: Metal: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 12th November 2010 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A24SE (NE)	1324	2	276890 188590
	Water Abstractions Operator: Tata Steel Uk Limited Licence Number: 21/58/61/0012 Permit Version: 101 Location: Port Talbot Docks Authority: Natural Resources Wales Abstraction: Metal: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 12th November 2010 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A24SE (NE)	1324	2	276890 188590
	Water Abstractions Operator: Corus Uk Strip Products Licence Number: 21/58/61/0012 Permit Version: 100 Location: Port Talbot Docks Authority: Environment Agency, Welsh Region Abstraction: Metal: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Port Talbot Docks Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A24SE (NE)	1324	3	276890 188590
	Water Abstractions Operator: Tata Steel Uk Limited Licence Number: 21/58/61/0012 Permit Version: Not Supplied Location: Land At British Steel Authority: Natural Resources Wales Abstraction: Metal: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from any point within an area Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A24SE (NE)	1324	2	276890 188590

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Tata Steel Uk Limited Licence Number: 21/58/61/0012 Permit Version: Not Supplied Location: Land At British Steel Authority: Natural Resources Wales Abstraction: Metal: Process Water Abstraction Type: Water may be abstracted from any point within an area Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A24SE (NE)	1324	2	276890 188590
	Water Abstractions Operator: Civil And Marine Ltd Licence Number: 21/58/61/0042 Permit Version: 3 Location: Civil & Marine Slag Cement Ltd Quay At Port Talbot Docks Authority: Environment Agency, Welsh Region Abstraction: Other Industrial/Commercial/Public Services: Dust Suppression Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Civil & Marine Slag Cement Ltd Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 12th September 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A23NE (N)	1358	3	276240 188860
	Water Abstractions Operator: Civil And Marine Ltd Licence Number: 21/58/61/0042 Permit Version: 2 Location: Civil & Marine Slag Cement Ltd Quay At Port Talbot Docks Authority: Environment Agency, Welsh Region Abstraction: Other Industrial/Commercial/Public Services: Dust Suppression Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Civil & Marine Slag Cement Ltd Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th October 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A23NE (N)	1358	3	276240 188860
	Water Abstractions Operator: Civil & Marine Slag Cement Ltd Licence Number: 21/58/61/0042 Permit Version: 1 Location: Civil & Marine Slag Cement Ltd Quay At Port Talbot Docks Authority: Environment Agency, Welsh Region Abstraction: Other Industrial/Commercial/Public Services: Dust Suppression Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Civil & Marine Slag Cement Ltd Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A23NE (N)	1358	3	276240 188860

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Civil And Marine Ltd Licence Number: 21/58/61/0042 Permit Version: 5 Location: Port Talbot Docks Port Talbot Authority: Natural Resources Wales Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Port Talbot Docks, Port Talbot Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st May 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A23NE (N)	1377	2	276230 188880
	Water Abstractions Operator: Civil And Marine Ltd Licence Number: 21/58/61/0042 Permit Version: 4 Location: Port Talbot Docks Port Talbot Authority: Environment Agency, Welsh Region Abstraction: Other Industrial/Commercial/Public Services: Dust Suppression Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Port Talbot Docks, Port Talbot Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 21st May 2010 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A23NE (N)	1377	3	276230 188880
	Water Abstractions Operator: Civil And Marine Ltd Licence Number: 21/58/61/0042 Permit Version: 4 Location: Port Talbot Docks Port Talbot Authority: Environment Agency, Welsh Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Port Talbot Docks, Port Talbot Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 21st May 2010 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A23NE (N)	1377	3	276230 188880
	Water Abstractions Operator: Civil And Marine Ltd Licence Number: 21/58/61/0042 Permit Version: Not Supplied Location: Abstraction From Port Tallbot Dock Authority: Natural Resources Wales Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A23NE (N)	1377	2	276230 188880

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Costain Limited Licence Number: Wa/058/0034/001 Permit Version: 1 Location: Arnallt Culvert-Brook Port Talbot Authority: Environment Agency, Welsh Region Abstraction: Construction: Dust Suppression Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Margam Moors, Port Talbot, West Glamorgan Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 5th August 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1636	3	277820 187673
	Water Abstractions Operator: Costain Limited Licence Number: Wa/058/0061/004 Permit Version: 1 Location: Port Talbot Dock At Margam Moors Authority: Environment Agency, Welsh Region Abstraction: Construction: Dust Suppression Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Margam Moors - Port Talbot Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 5th August 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A24NE (NE)	1655	3	276967 188933
	Water Abstractions Operator: Corus Uk Strip Products Licence Number: 21/58/61/0024 Permit Version: 100 Location: River Ffrwdwyllt Authority: Environment Agency, Welsh Region Abstraction: Metal: Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Licenced from 01-Jan to 31-Dec Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A25NW (NE)	1699	3	277150 188865
	Water Abstractions Operator: Tata Steel Uk Limited Licence Number: 21/58/61/0024 Permit Version: 101 Location: River Ffrwdwyllt Authority: Natural Resources Wales Abstraction: Metal: Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 12th November 2010 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A25NW (NE)	1703	2	277150 188870

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Tata Steel Uk Limited Licence Number: 21/58/61/0024 Permit Version: 101 Location: River Ffrwdwyllt Authority: Natural Resources Wales Abstraction: Metal: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 12th November 2010 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A25NW (NE)	1703	2	277150 188870
	Water Abstractions Operator: Corus Uk Strip Products Licence Number: 21/58/61/0024 Permit Version: 100 Location: River Ffrwdwyllt Authority: Environment Agency, Welsh Region Abstraction: Metal: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: River Ffrwdwyllt Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A25NW (NE)	1703	3	277150 188870
	Water Abstractions Operator: Tata Steel Uk Limited Licence Number: 21/58/61/0024 Permit Version: Not Supplied Location: Land At British Steel, Port Talbot Authority: Natural Resources Wales Abstraction: Metal: Evaporative Cooling Abstraction Type: Water may be abstracted from any point within an area Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A25NW (NE)	1703	2	277150 188870
	Water Abstractions Operator: Tata Steel Uk Limited Licence Number: 21/58/61/0024 Permit Version: Not Supplied Location: Land At British Steel, Port Talbot Authority: Natural Resources Wales Abstraction: Metal: Process Water Abstraction Type: Water may be abstracted from any point within an area Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A25NW (NE)	1703	2	277150 188870

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions 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	A10SE (SE)	1735	2	277730 186460
	Water Abstractions 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	A10SE (SE)	1735	2	277730 186460
	Water Abstractions 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	A10SE (SE)	1735	3	277730 186460
	Water Abstractions 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	A10SE (SE)	1735	2	277730 186460

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions 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	A10SE (SE)	1735	2	277730 186460
	Water Abstractions 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	A10SE (SE)	1738	3	277730 186455
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: High	A13NW (SE)	0	2	276118 187381
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: High	A13NW (N)	0	2	276120 187430
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NW (SE)	0	2	276118 187381
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NW (N)	0	2	276120 187430
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13NW (SE)	0	2	276118 187381

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13SW (SW)	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	Licensed Waste Management Facilities (Locations) 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	A13SW (S)	0	2	276100 187300
20	Licensed Waste Management Facilities (Locations) 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	A13NW (N)	0	2	276120 187400
	Local Authority Landfill Coverage Name: Neath Port Talbot County Borough Council - Has supplied landfill data		0	4	276118 187381
21	Local Authority Recorded Landfill Sites Location: Morfa Newydd Refuse Tips Reference: Not Supplied Authority: Neath Port Talbot County Borough Council, Environmental Health Department Last Reported Status: Not Supplied Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Located by supplier to within 100m Boundary Quality: Not Applicable	A18SE (NE)	399	4	276400 187800
22	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A18SW (NW)	595	-	275804 188026
23	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A13NW (SE)	0	-	276118 187381
24	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A13NE (NE)	241	-	276312 187665
25	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A13NE (NE)	266	-	276345 187664
26	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A13NE (NE)	325	-	276391 187702
27	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A18SW (N)	546	-	276096 188055
28	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A12SE (SW)	559	-	275526 187131
29	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	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	Planning Hazardous Substance Consents Name: British Oxygen Location: Bos Recovery Plant, Corus, Port Talbot Authority: Neath Port Talbot County Borough Council, Planning Department Application Ref: 08/786 Hazardous Substance: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not) Maximum Quantity: 0 Application date: Not Supplied Decision: Unknown at time of report Positional Accuracy: Manually positioned within the geographical locality	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: 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:	A13NW (N)	0	1	276120 187430
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A13NW (SE)	0	1	276118 187381
	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:	A14NW (E)	364	1	276555 187490
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 25 - 35 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A18SW (N)	491	1	276118 188000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 35 - 45 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A18SW (N)	501	1	276000 188000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: no data Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: no data Concentration: Lead Concentration: <100 mg/kg Nickel: no data Concentration:	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	Contemporary Trade Directory Entries 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	A9NE (SE)	772	-	276886 186925
48	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	A13SW (SW)	22	8	276026 187337
48	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	A13SW (W)	70	8	275965 187346
49	Points of Interest - Manufacturing and Production Name: Works Location: SA13 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SE (E)	150	8	276373 187330
49	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SE (E)	150	8	276373 187329
50	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	A13NE (E)	216	8	276388 187479
50	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	A13NE (E)	221	8	276390 187485
50	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	A13NE (E)	227	8	276421 187432
51	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	272	8	276232 187757
52	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)	335	8	275820 187724
52	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)	337	8	275824 187730
52	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)	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	Points of Interest - Public Infrastructure Name: Outfall Location: SA13 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	85	8	275978 187294
69	Points of Interest - Public Infrastructure Name: Outfall Location: SA13 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	87	8	275977 187292
69	Points of Interest - Public Infrastructure Name: Outfall Location: SA13 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A13SW (W)	104	8	275938 187325
70	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)	248	8	276356 187613
71	Points of Interest - Public Infrastructure Name: Slurry Beds Location: SA13 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A13NE (NE)	370	8	276446 187701
71	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	A18SE (NE)	409	8	276425 187791
72	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	A19SW (NE)	513	8	276579 187758
73	Points of Interest - Public Infrastructure Name: Slurry Bed Location: SA13 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	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
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	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

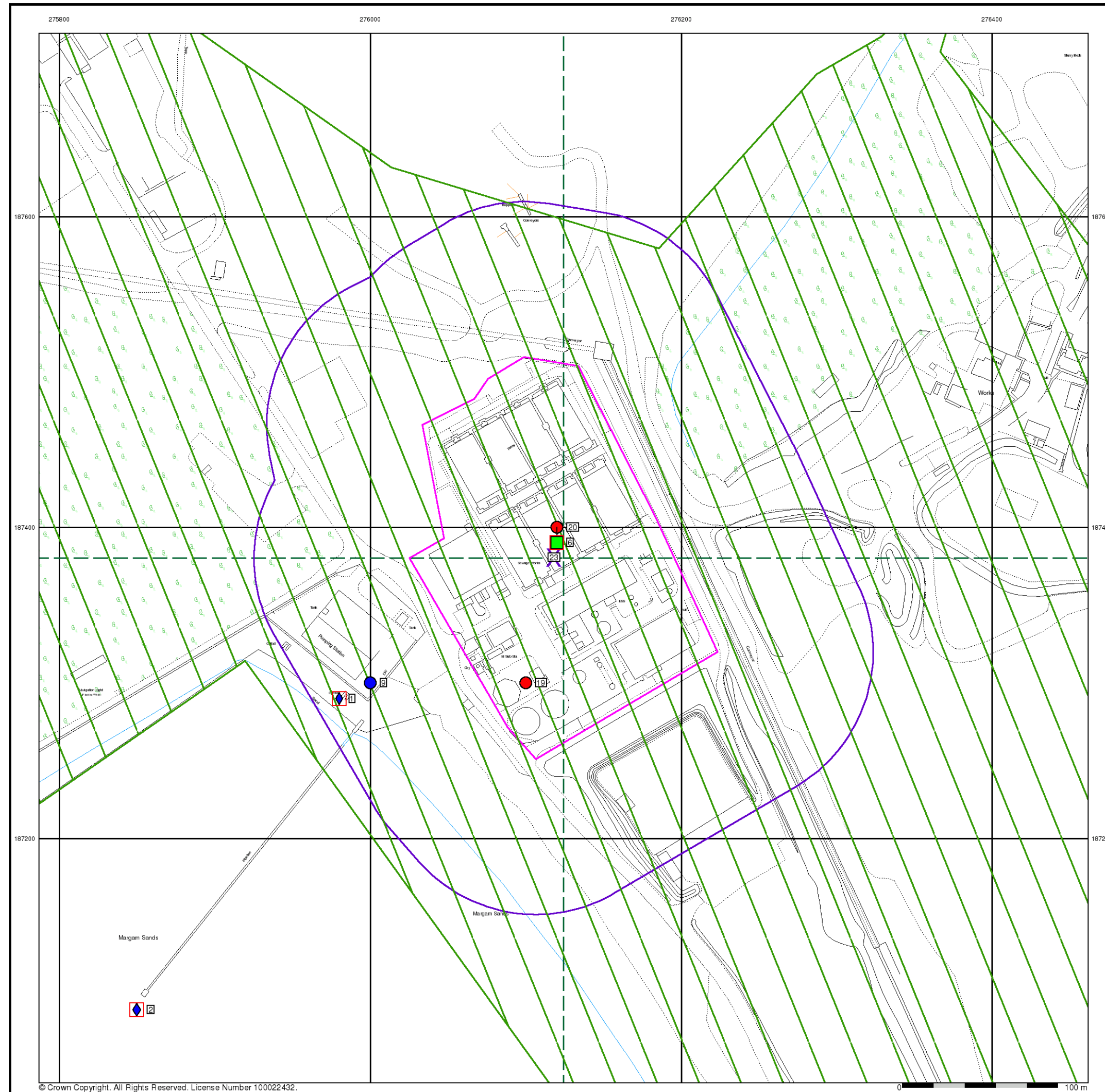
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural Resources Wales	September 2018	Bi-Annually
Areas of Adopted Green Belt Bridgend County Borough Council Neath Port Talbot County Borough Council - Planning Services	October 2020 October 2020	Quarterly Quarterly
Areas of Unadopted Green Belt 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 NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	 Centre for Ecology and Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Stantec UK Ltd	

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

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

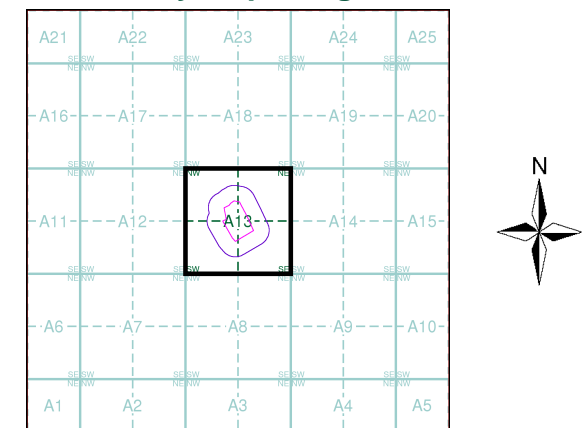


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General

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

Site Sensitivity Map - Segment A13

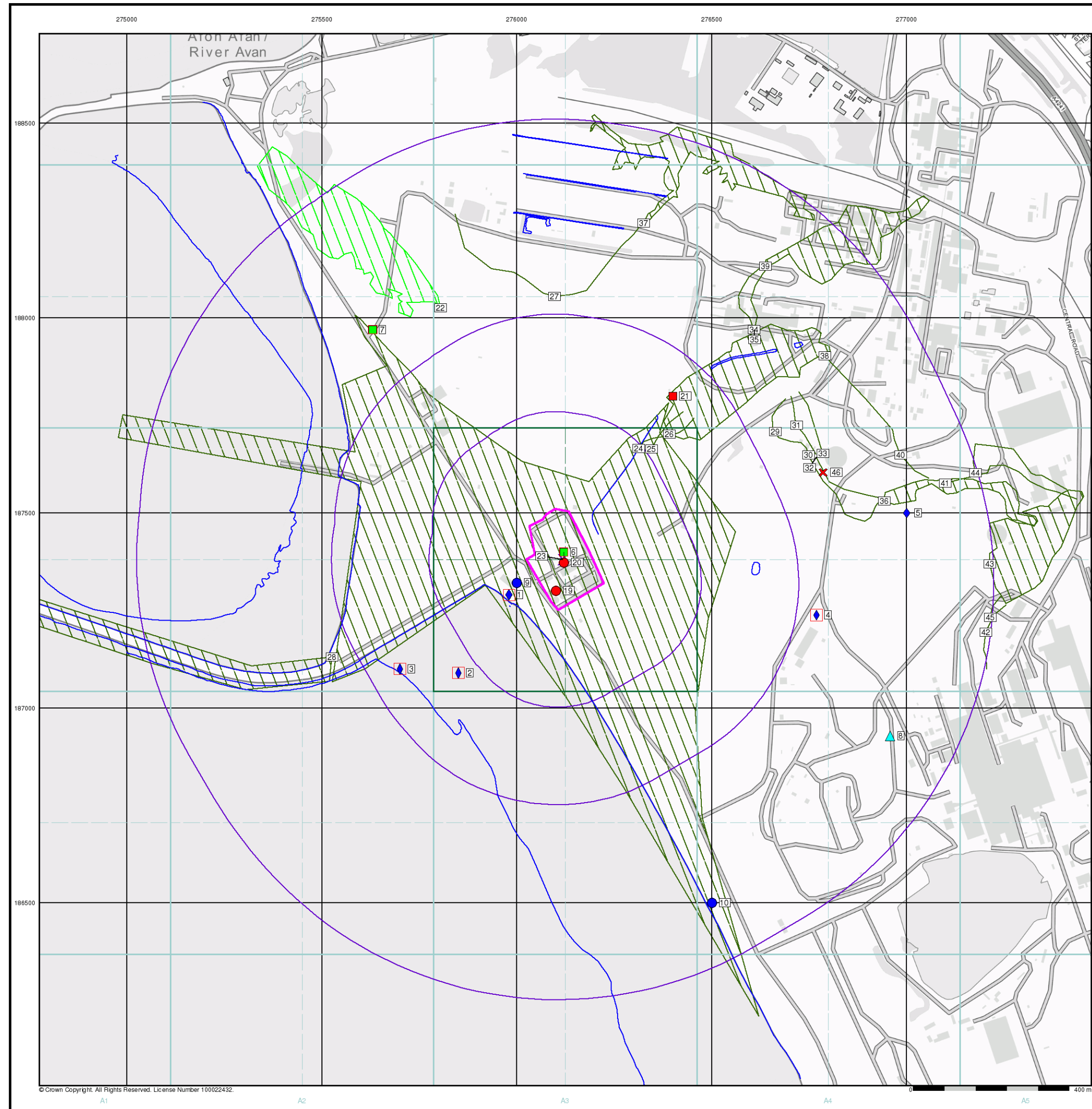


Order Details

Order Number: 284099786_1_1
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National Grid Reference: 276120, 187380
Slice: A
Site Area (Ha): 3.06
Plot Buffer (m): 100

Site Details

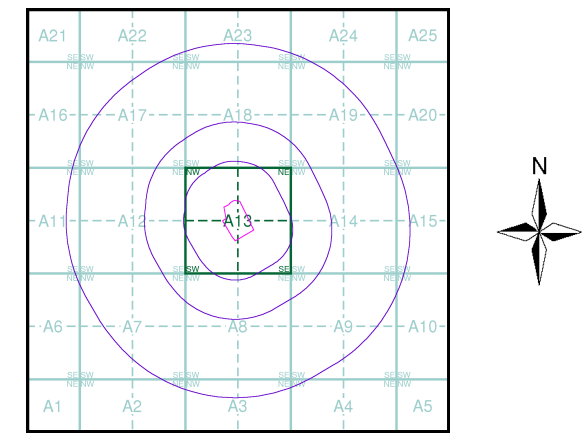
Afan Water Treatment, Phoenix Wharf, The Docks, Port Talbot, SA13 1RA



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- 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)
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 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Slice A

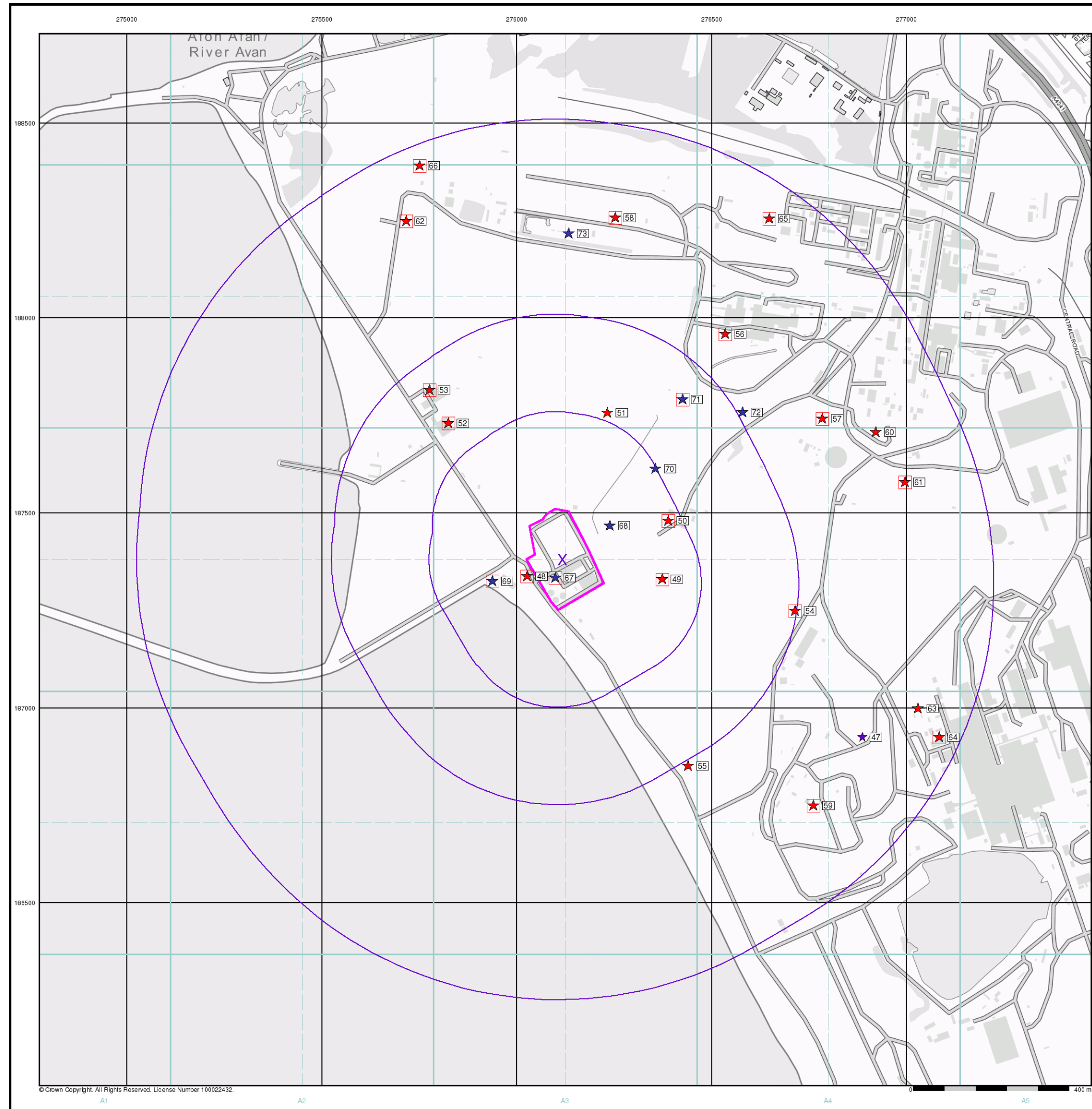


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Customer Ref: 100381175-006 SV18-01
National Grid Reference: 276120, 187380
Slice: A
Site Area (Ha): 3.06
Search Buffer (m): 1000

Site Details

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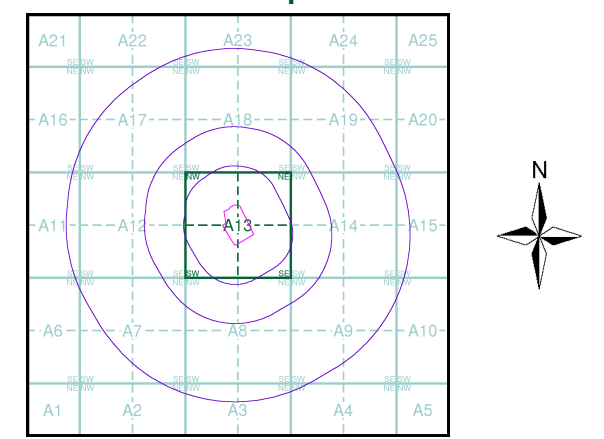
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MOTT MACDONALD Industrial Land Use Map

- 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

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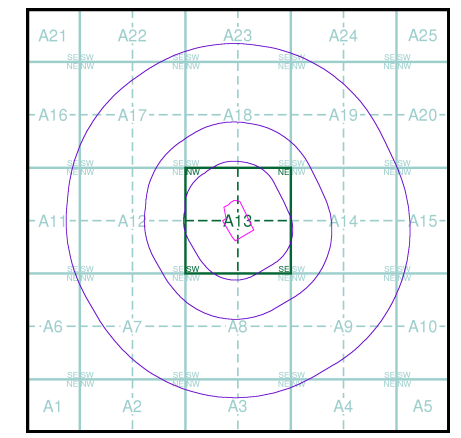
General

- 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

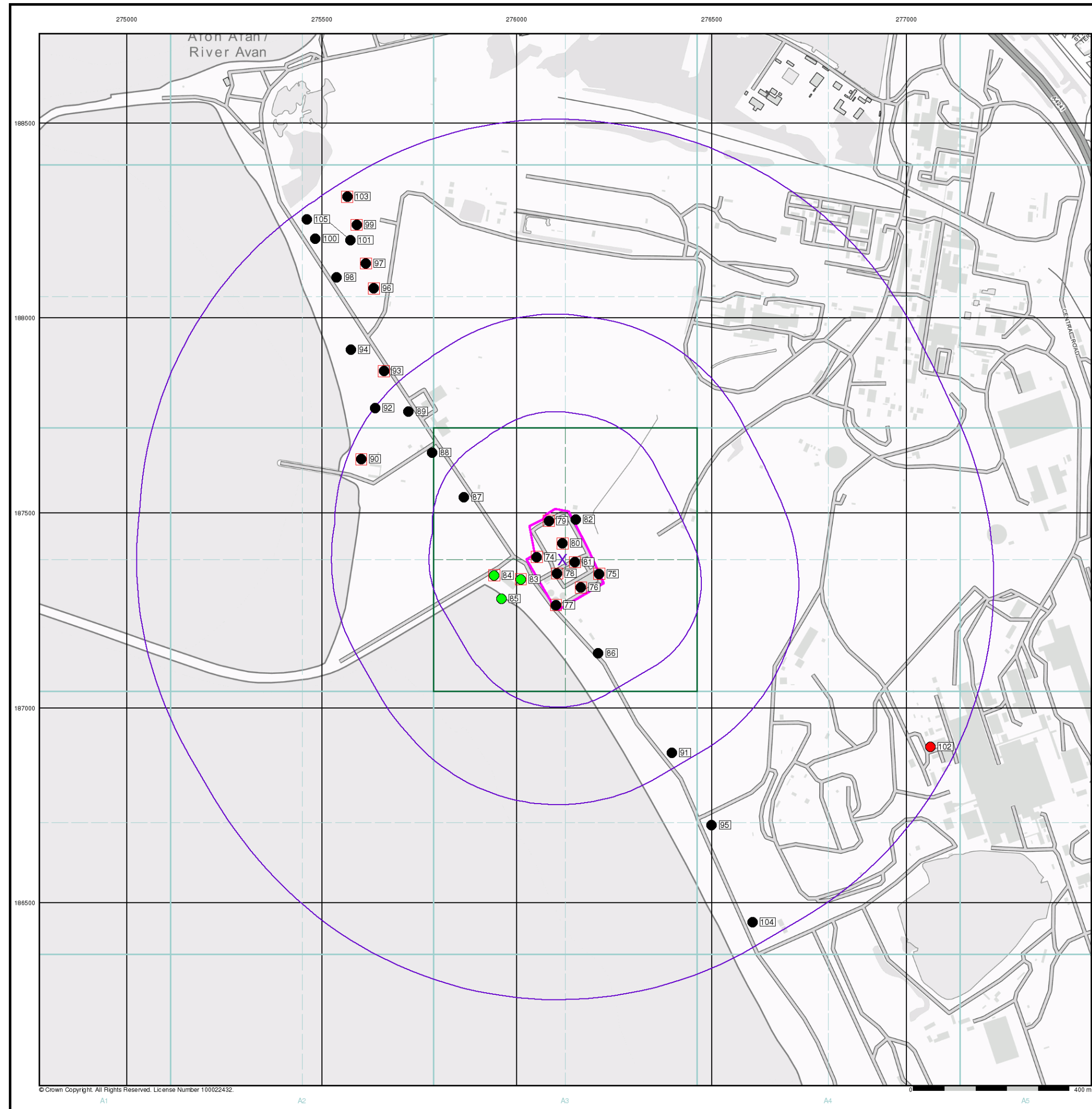
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Customer Ref: 100381175-006 SV18-01
National Grid Reference: 276120, 187380
Slice: A
Site Area (Ha): 3.06
Search Buffer (m): 1000

Site Details

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

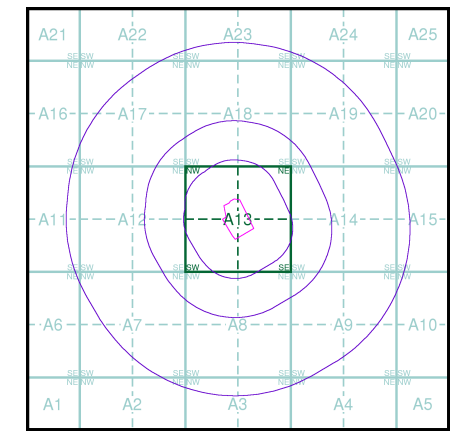
Agency and Hydrological (Boreholes)

- 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

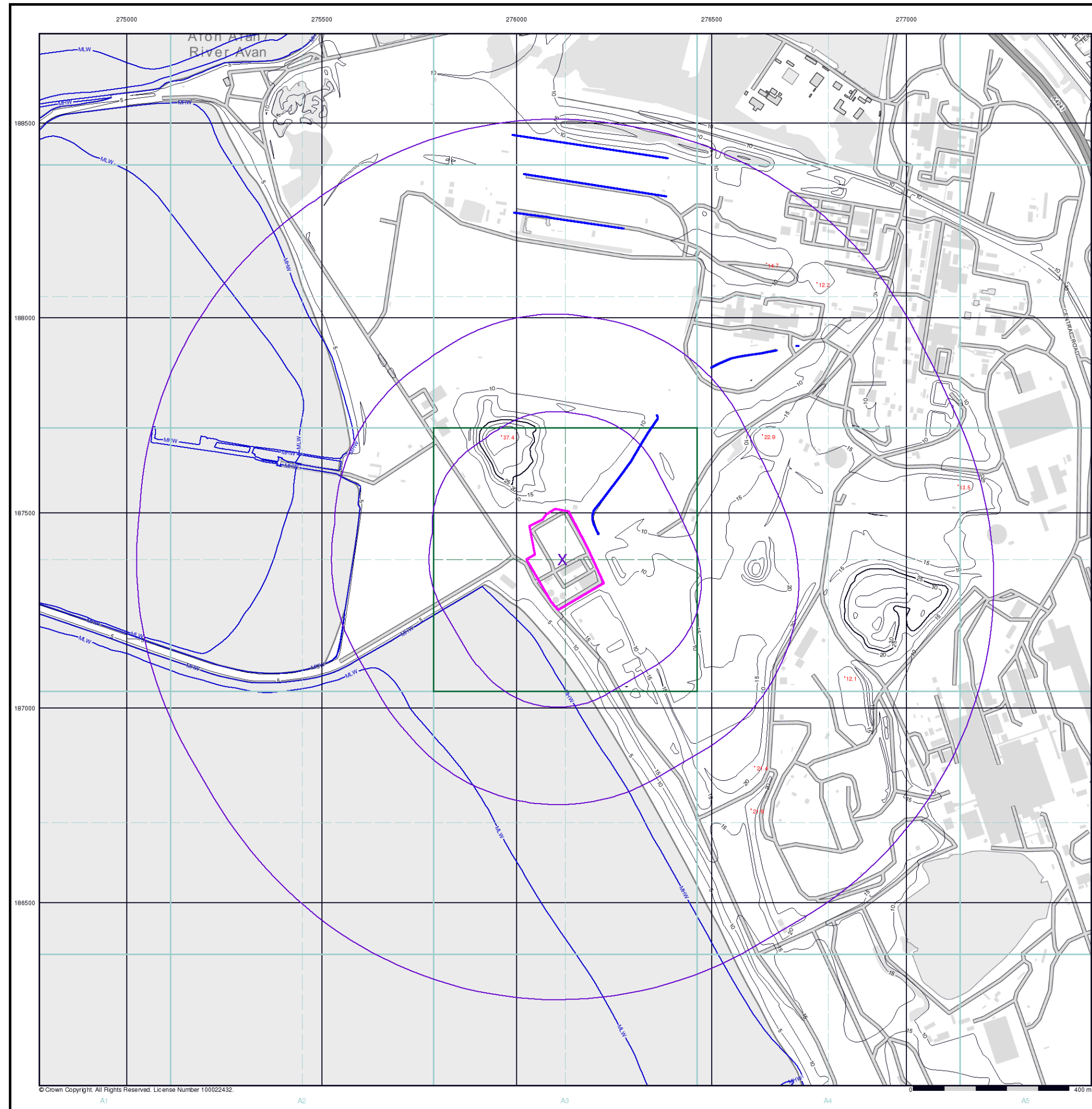
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Customer Ref: 100381175-006 SV18-01
National Grid Reference: 276120, 187380
Slice: A
Site Area (Ha): 3.06
Search Buffer (m): 1000

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- Bearing Reference Point

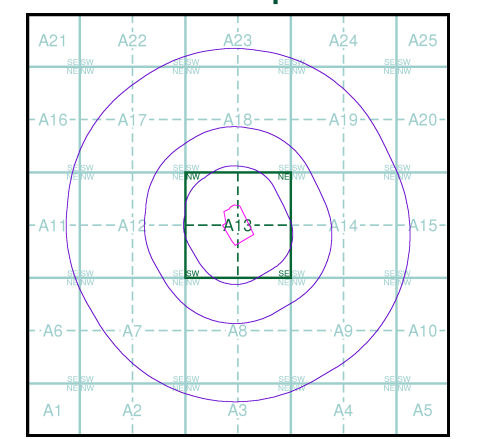
OS Water Network Data

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

Contours (height in meters)

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

OS Water Network Map - Slice A



Order Details

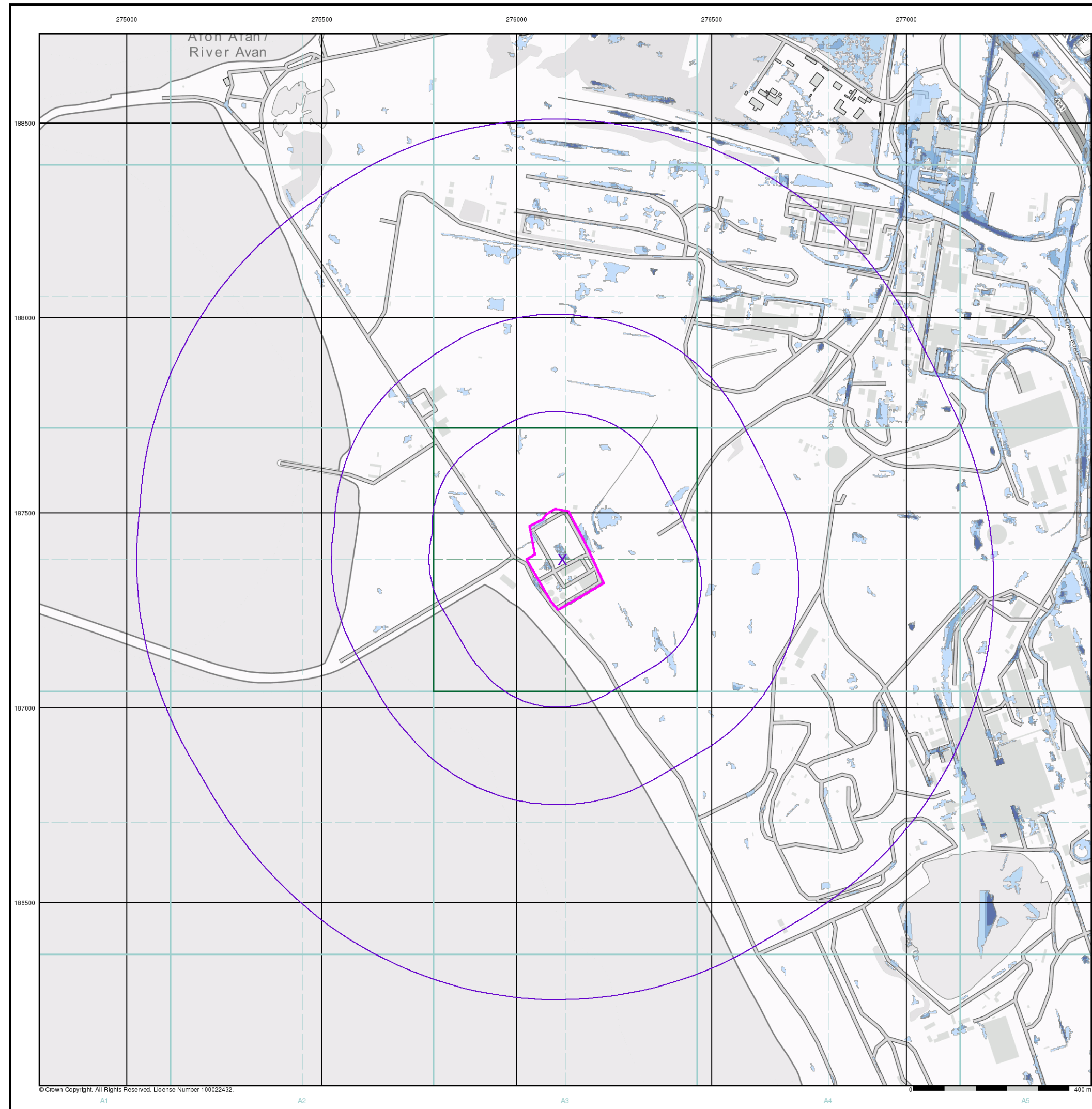
Order Number: 284099786_1_1
Customer Ref: 100381175-006 SV18-01
National Grid Reference: 276120, 187380
Slice: A
Site Area (Ha): 3.06
Search Buffer (m): 1000

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- Specified Buffer(s)
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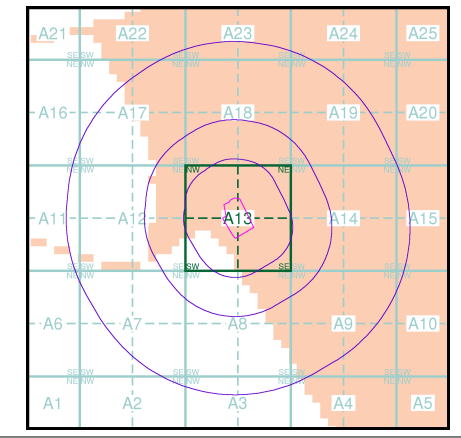
Risk of Flooding from Surface Water

- 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



Order Details

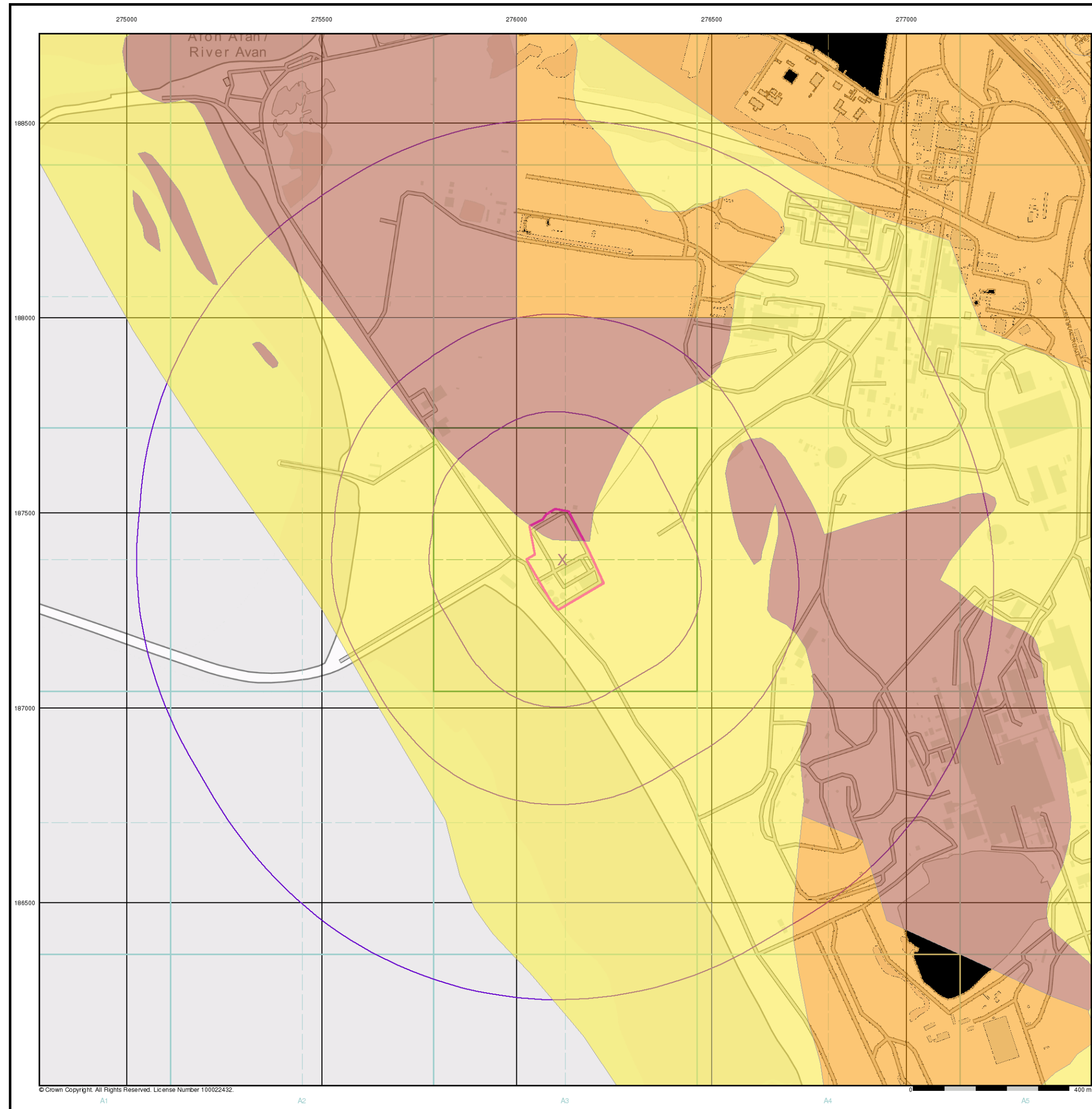
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Customer Ref: 100381175-006 SV18-01
National Grid Reference: 276120, 187380
Slice: A
Site Area (Ha): 3.06
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Site Details

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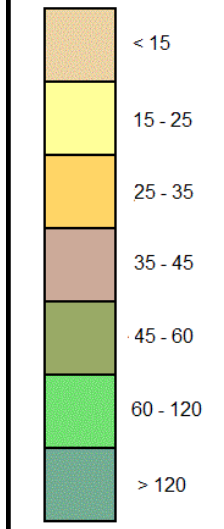
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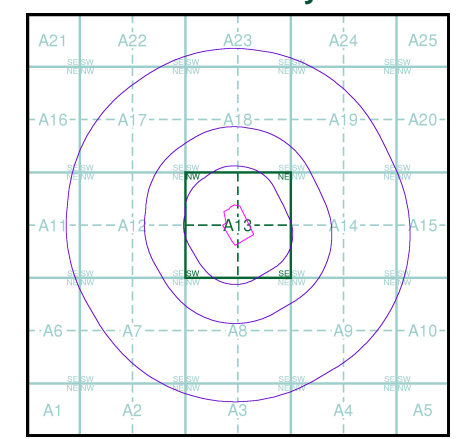
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A



Order Details

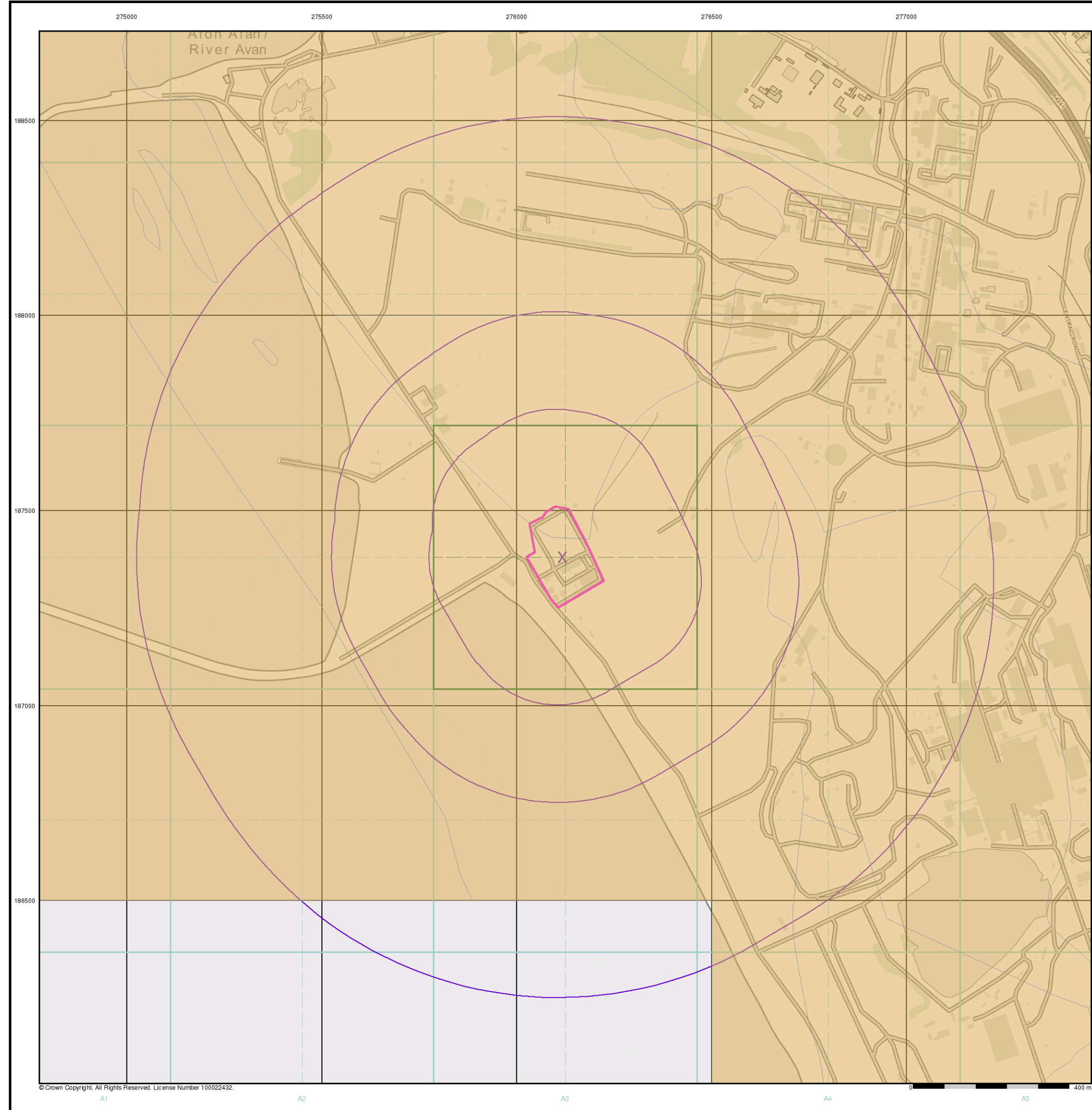
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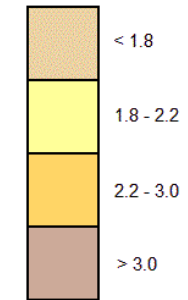
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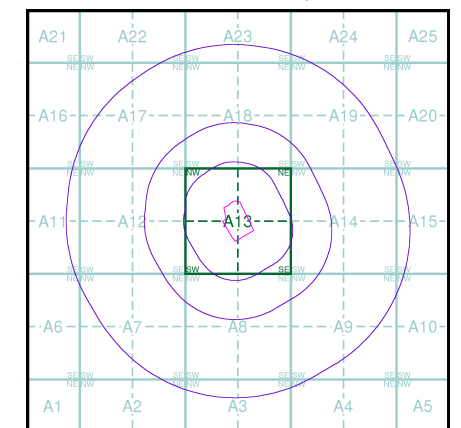
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A



Order Details

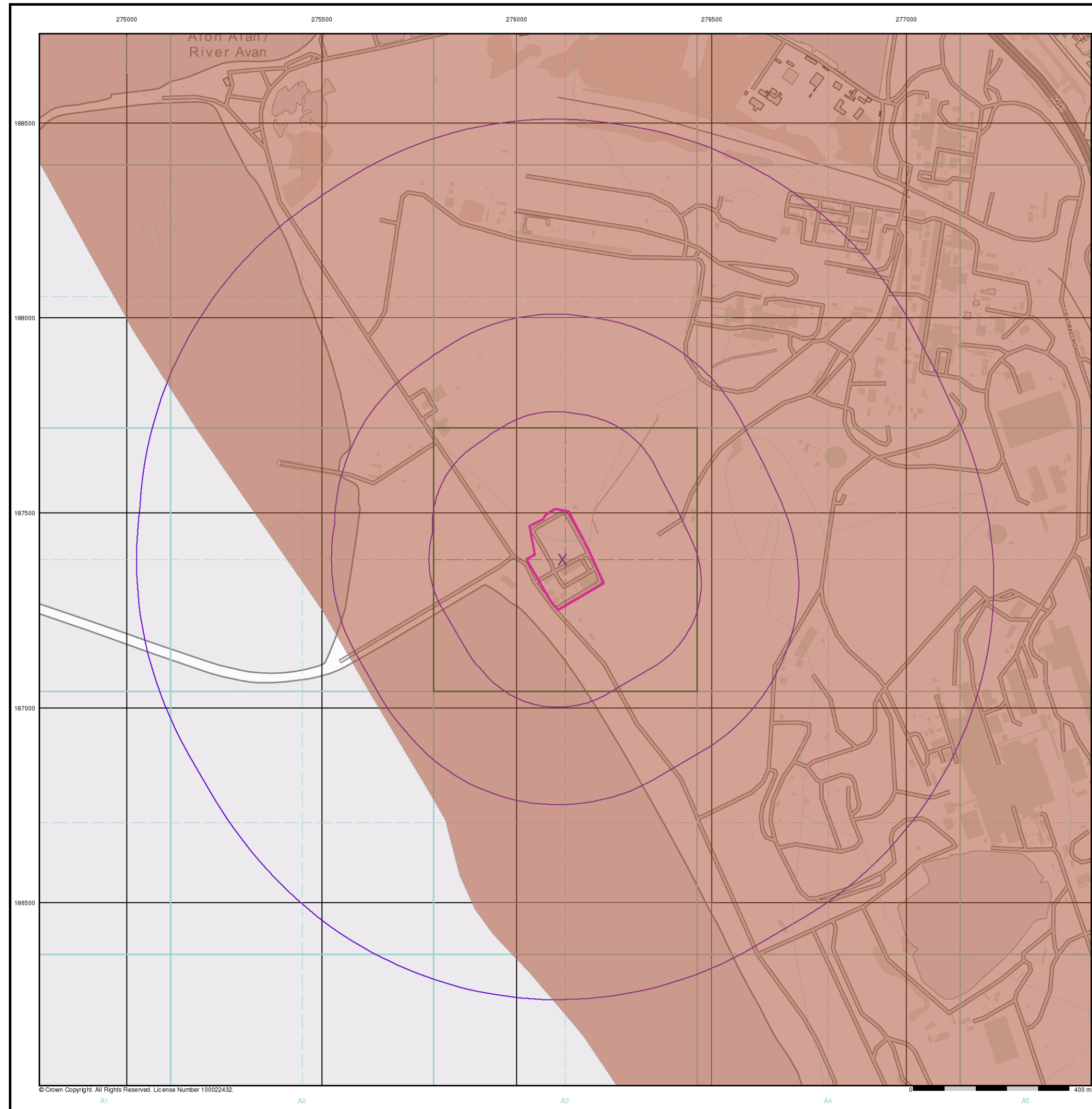
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Customer Ref: 100381175-006 SV18-01
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Search Buffer (m): 1000

Site Details

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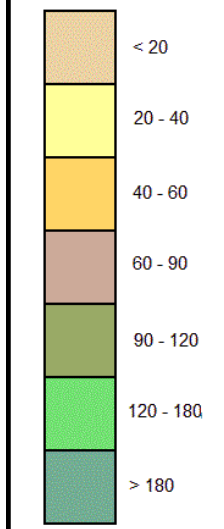
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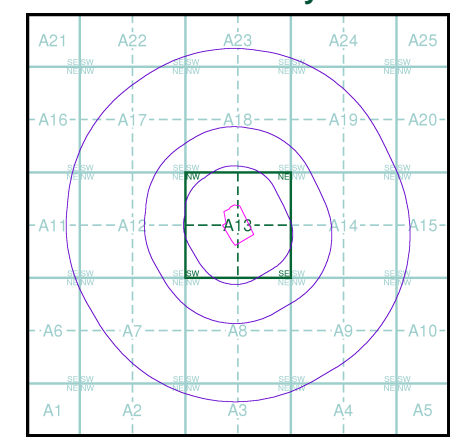
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A



Order Details

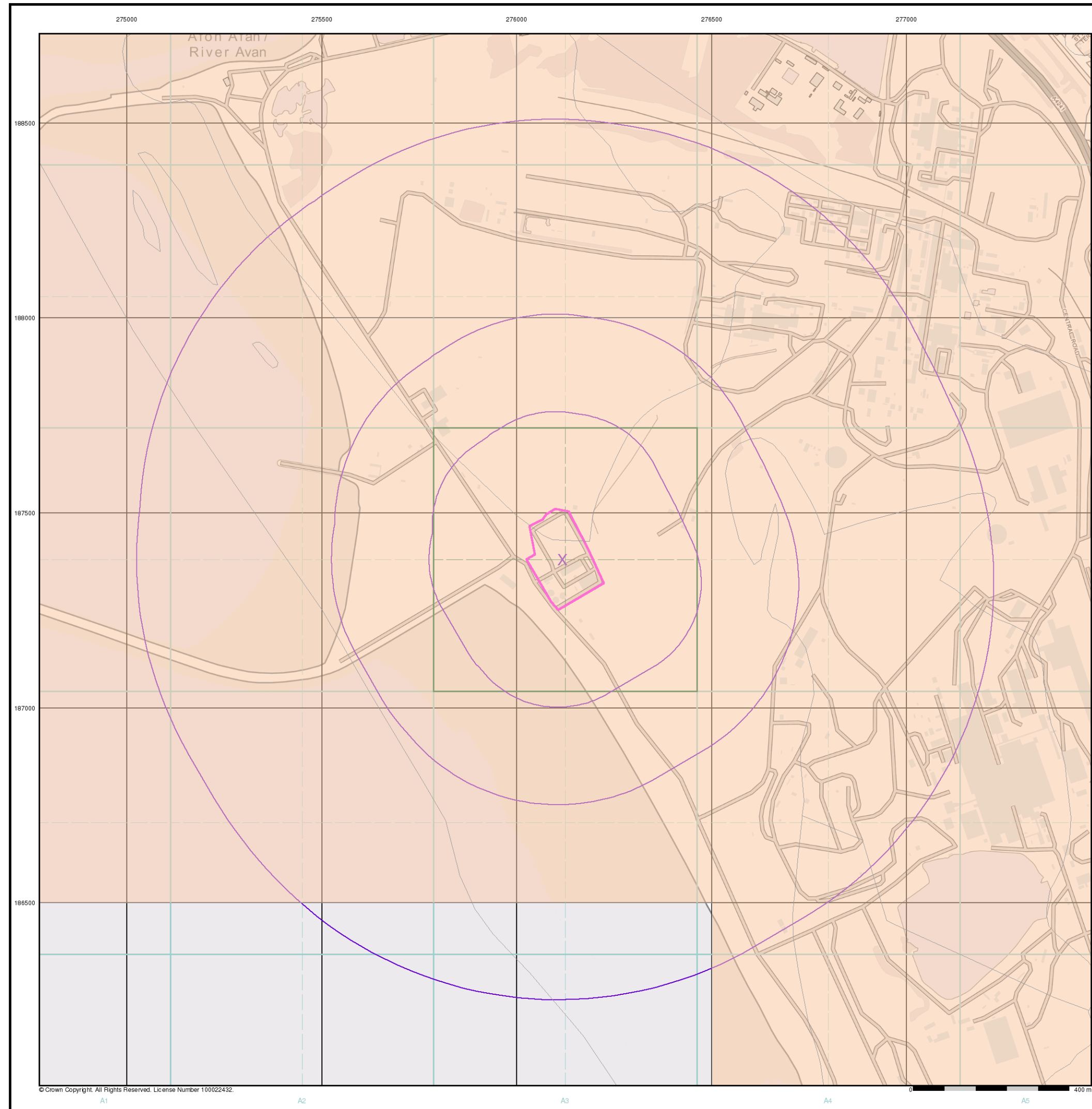
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Customer Ref: 100381175-006 SV18-01
National Grid Reference: 276120, 187380
Slice: A
Site Area (Ha): 3.06
Search Buffer (m): 1000

Site Details

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Web: www.envirocheck.co.uk



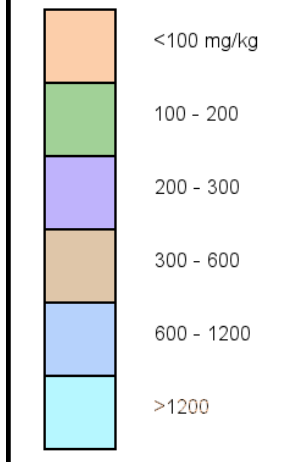
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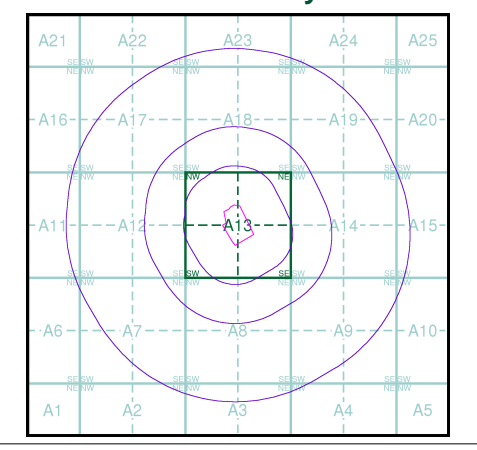
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A



Order Details

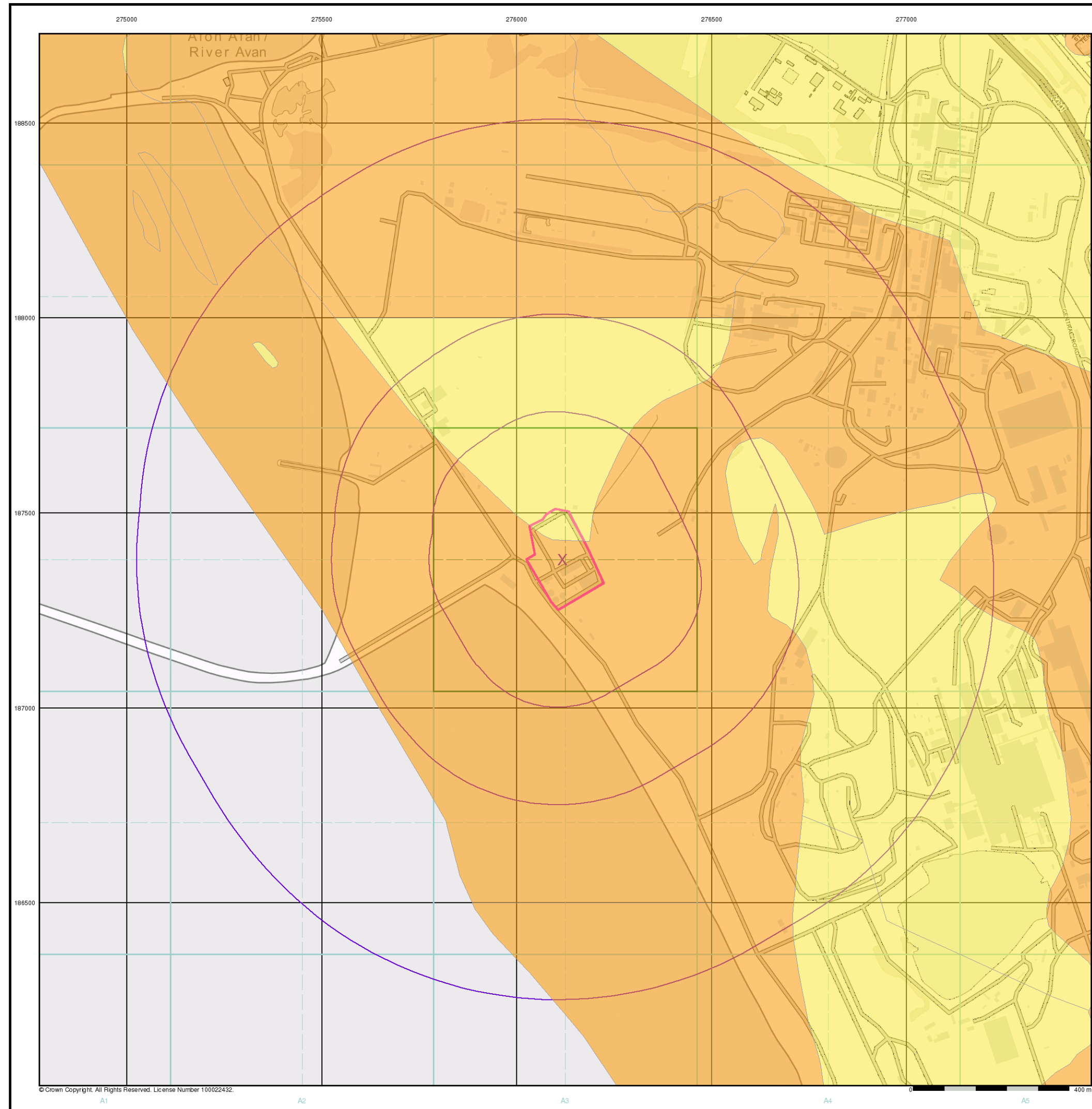
Order Details: 284099786_1_1
Customer Ref: 100381175-006 SV18-01
National Grid Reference: 276120, 187380
Slice: A
Site Area (Ha): 3.06
Search Buffer (m): 1000

Site Details

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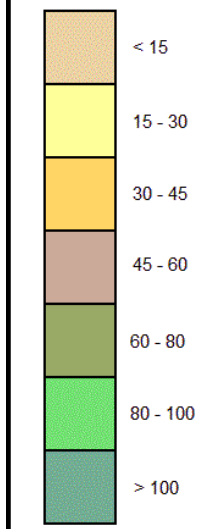
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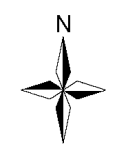
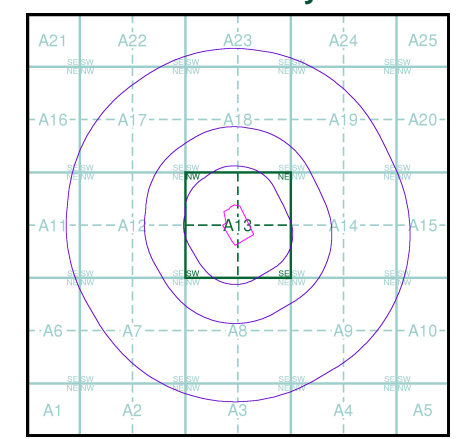
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

Order Details: 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

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
	GFCD	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

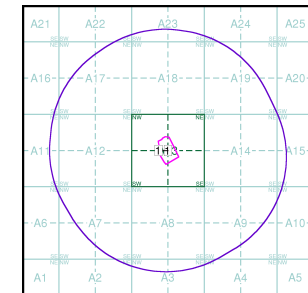
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published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

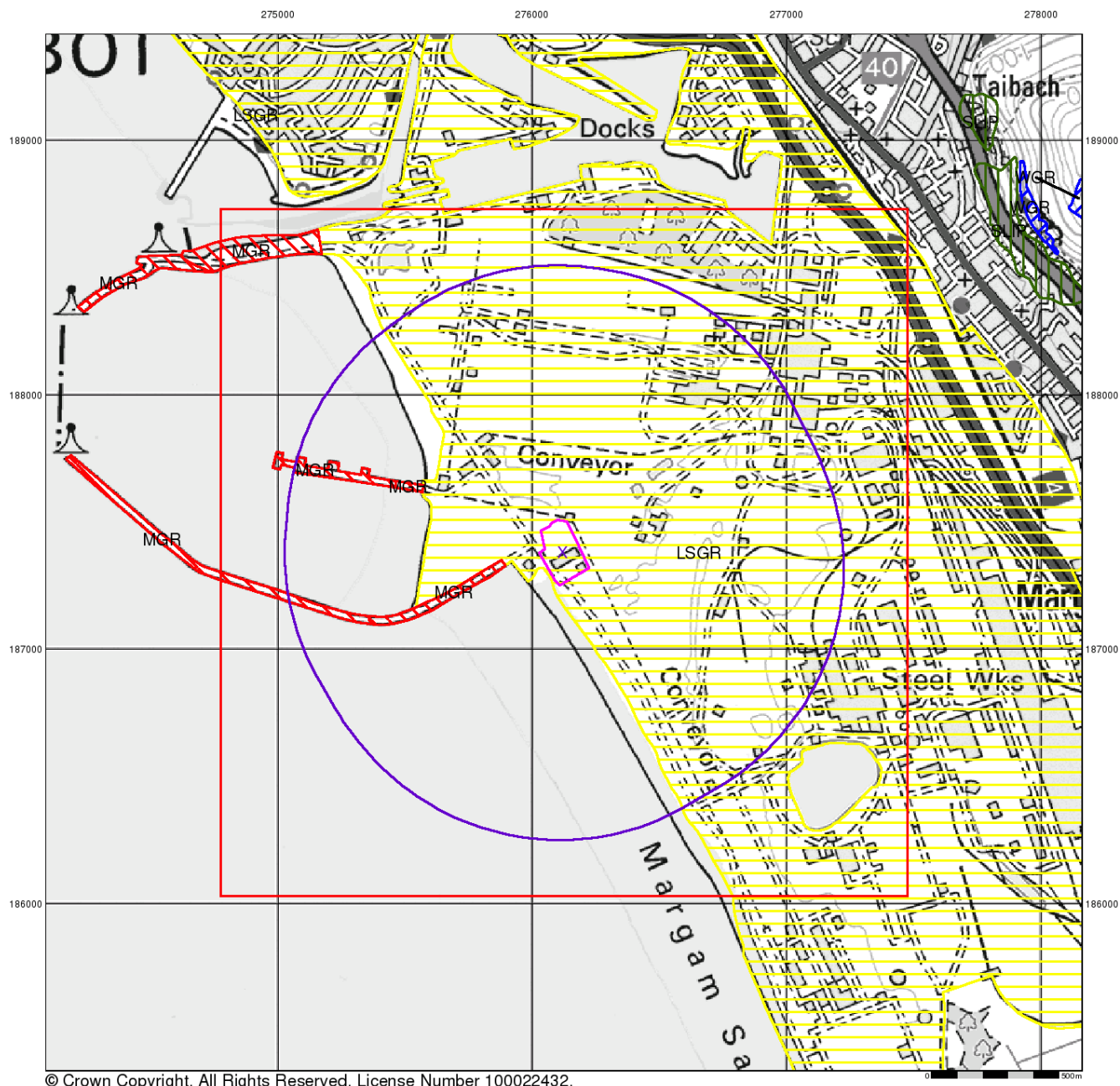
Order Number: 284099786_1_1
Customer Reference: 100381175-006 SV18-01
National Grid Reference: 276120, 187380
Slice: A
Site Area (Ha): 3.06
Search Buffer (m): 1000

Site Details:

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

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Artificial Ground and Landslip

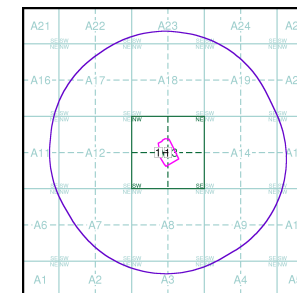
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions 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
Search Buffer (m): 1000

Site Details:

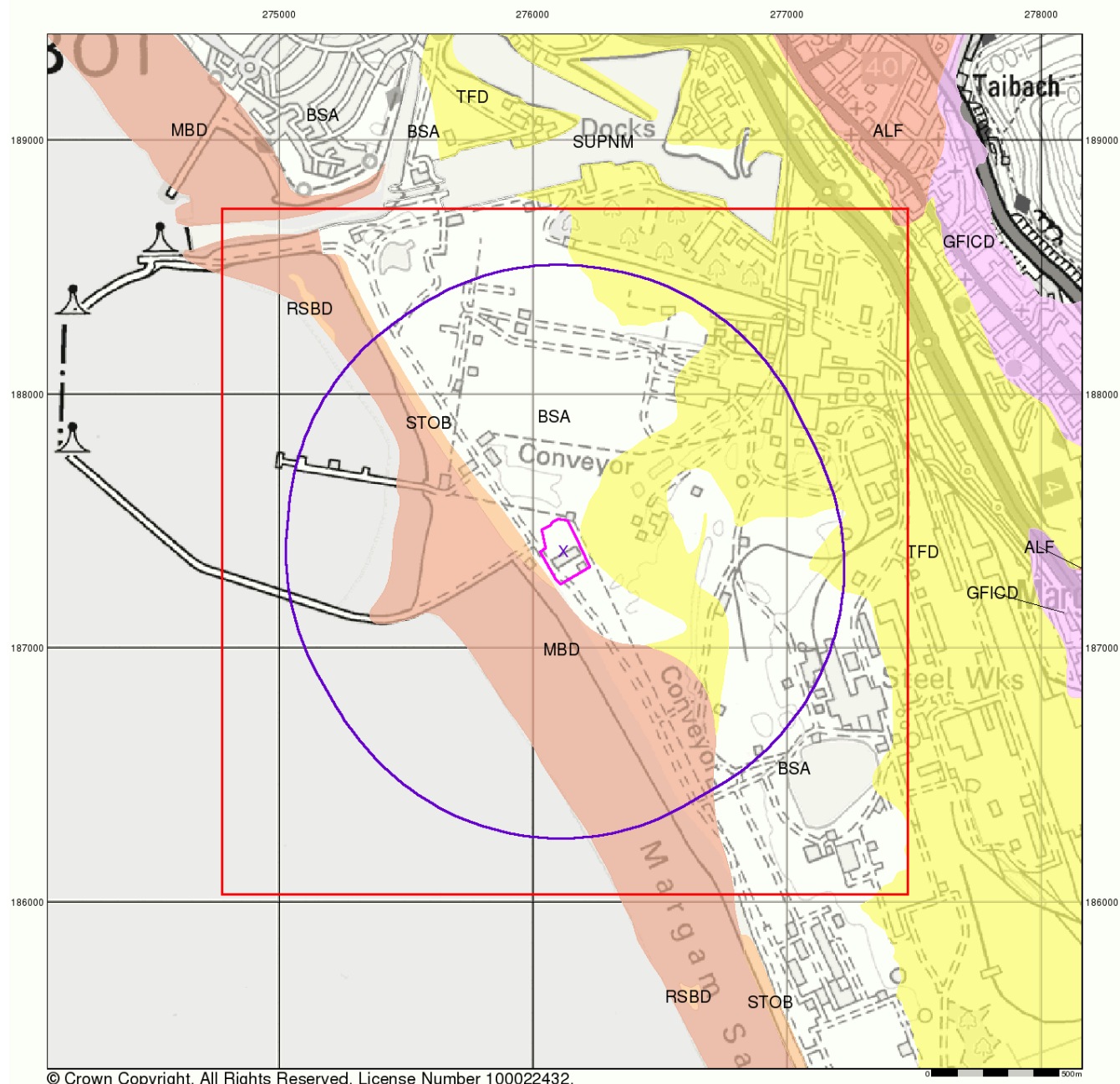
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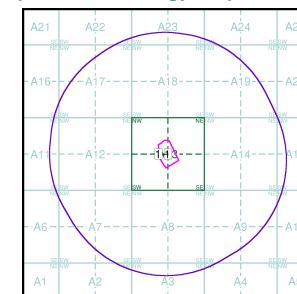
Superficial Geology

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:

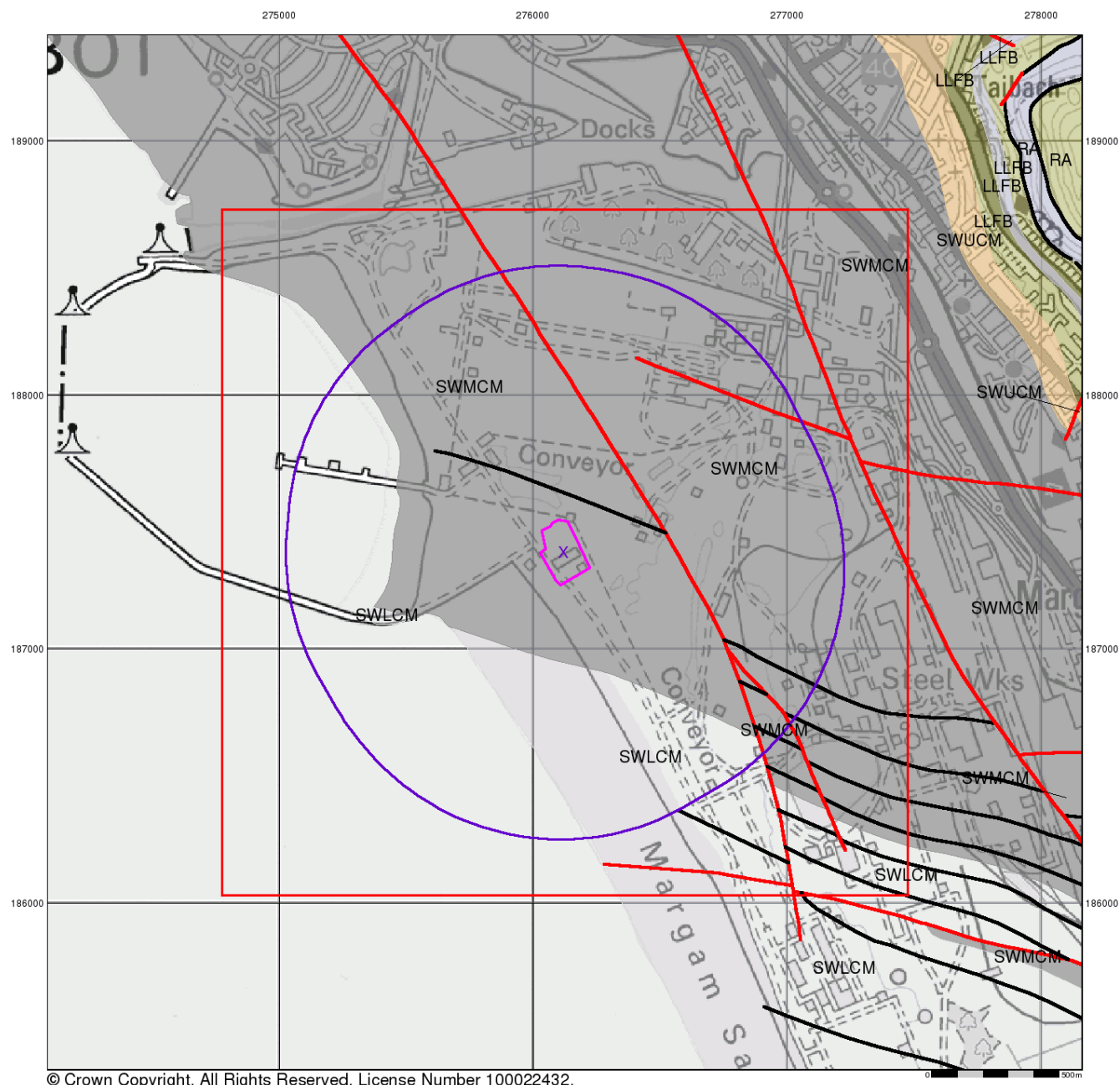
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Bedrock and Faults

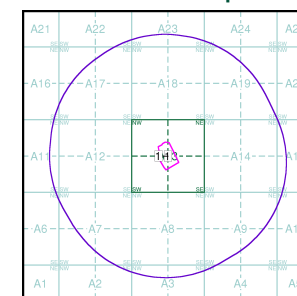
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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
Slice: A
Site Area (Ha): 3.06
Search Buffer (m): 1000

Site Details:

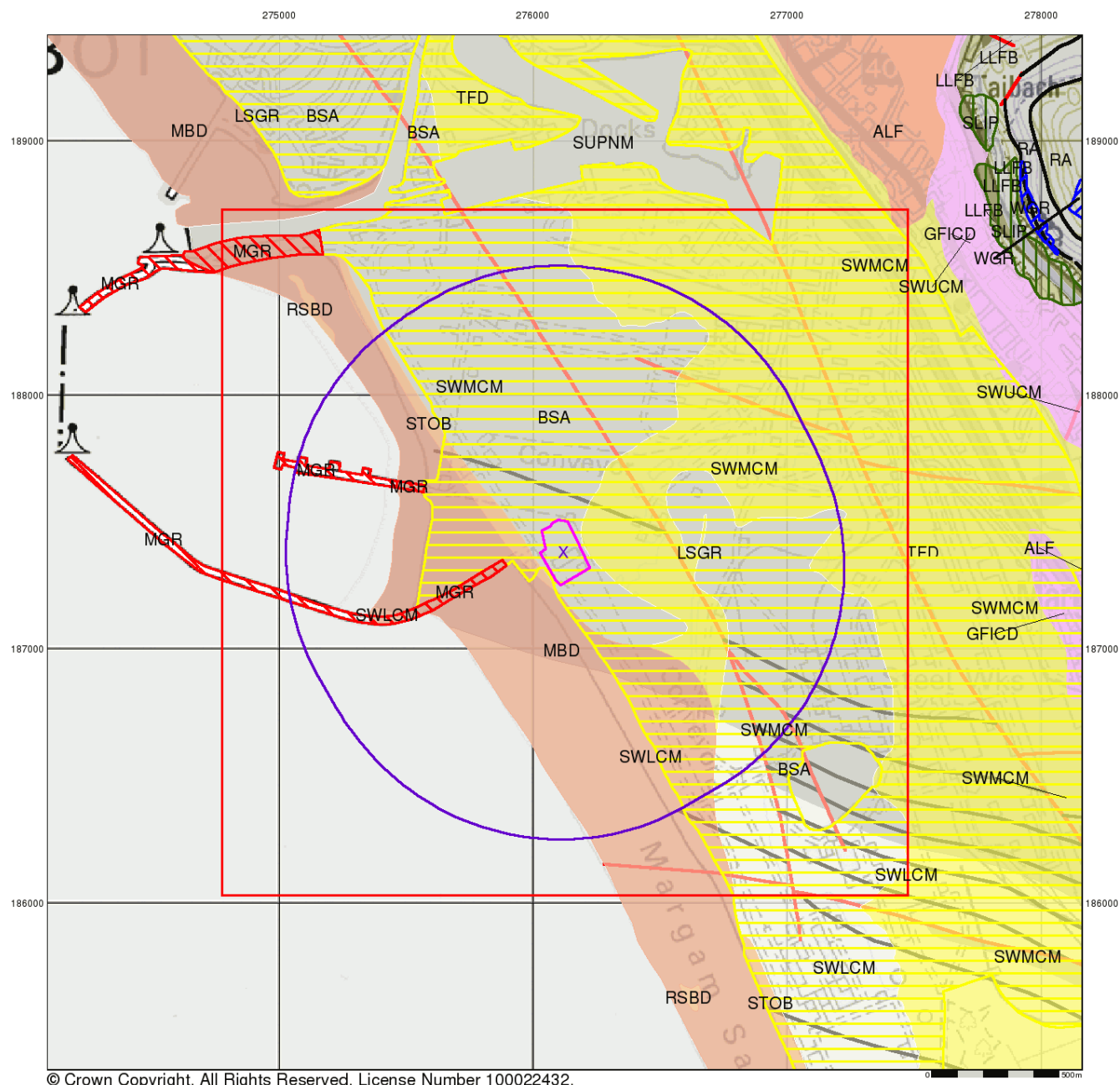
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Combined Surface Geology

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.

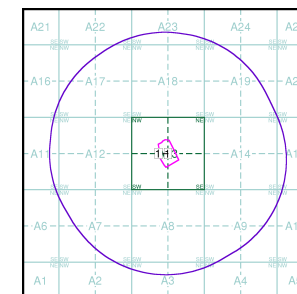
Additional Information

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
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National Grid Reference: 276120, 187380
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Historical Mapping Legends

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



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



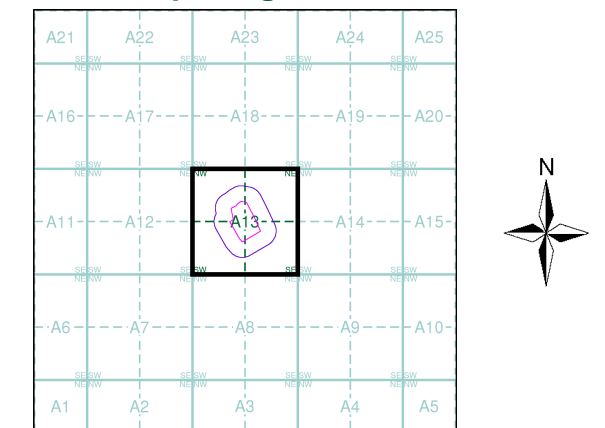
Large-Scale National Grid Data 1:2,500 and 1:1,250



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
Search Buffer (m): 100

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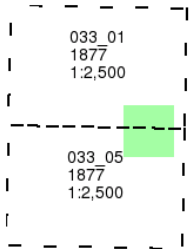
Glamorganshire

Published 1877

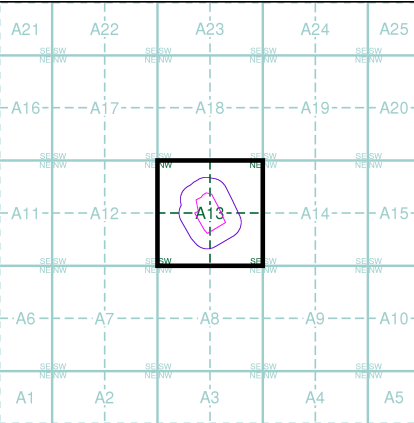
Source map scale - 1:2,500

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

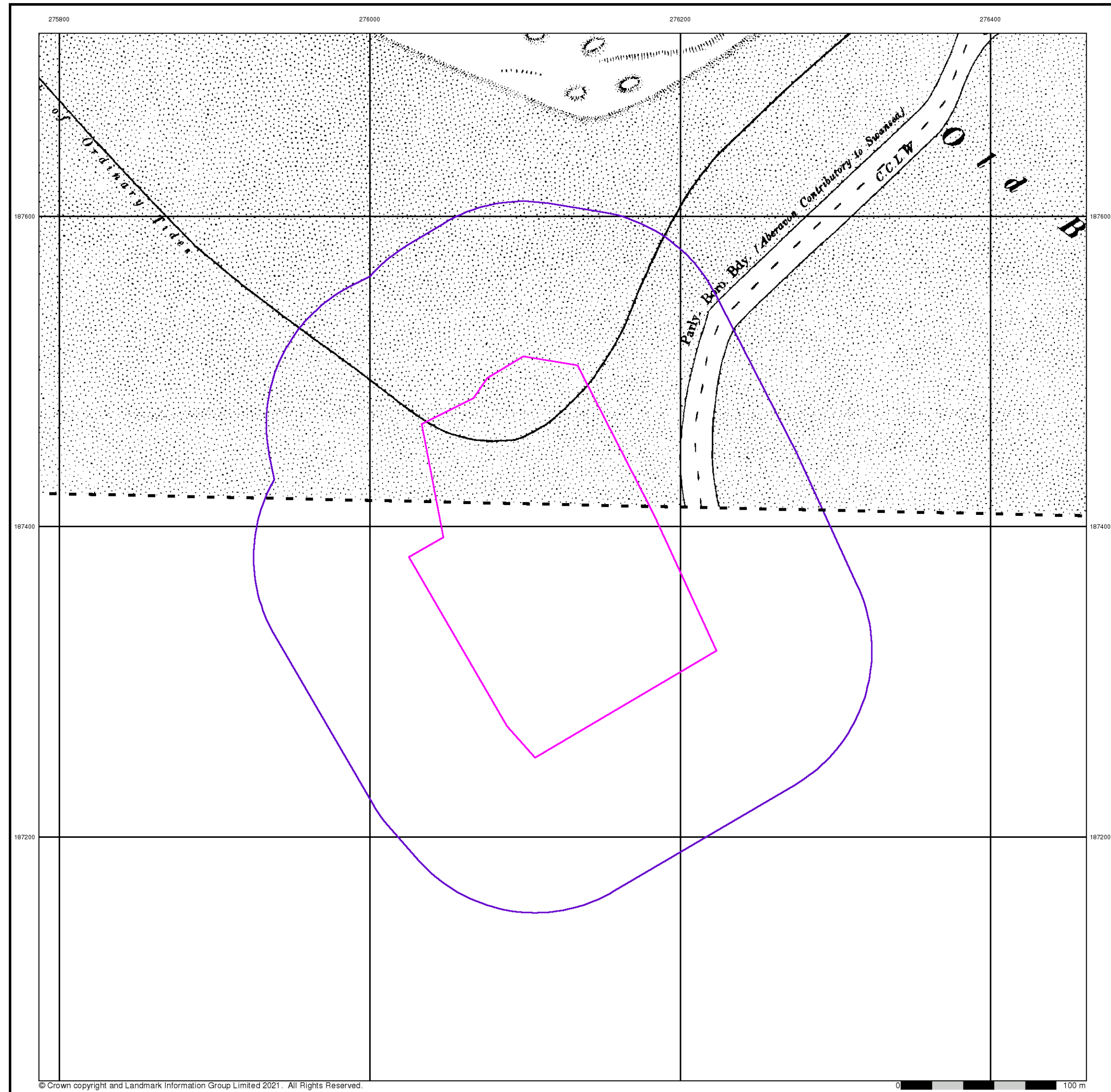
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Customer Ref: 100381175-006 SV18-01
National Grid Reference: 276120, 187380
Slice: A
Site Area (Ha): 3.06
Search Buffer (m): 100

Site Details

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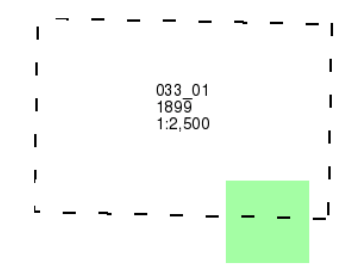
Glamorganshire

Published 1899

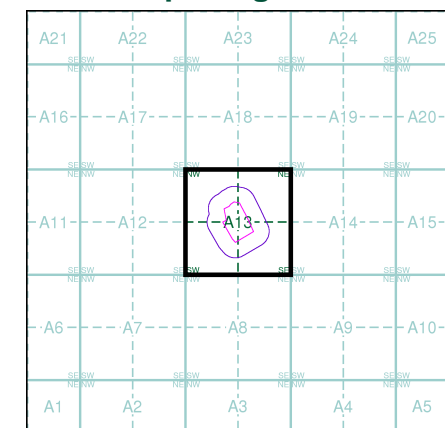
Source map scale - 1:2,500

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

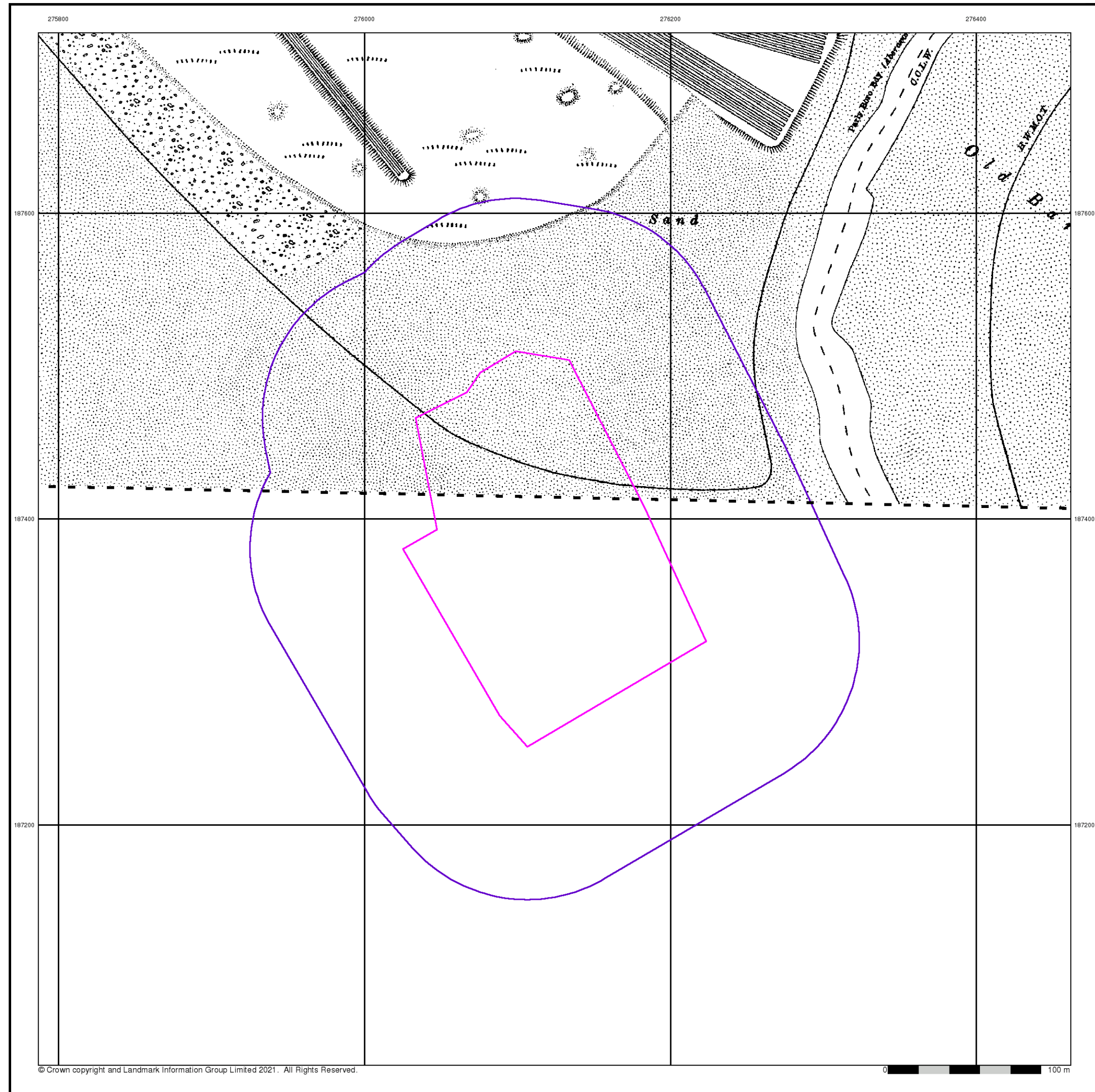
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Customer Ref: 100381175-006 SV18-01
National Grid Reference: 276120, 187380
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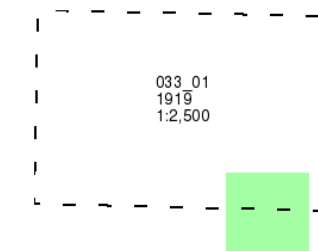
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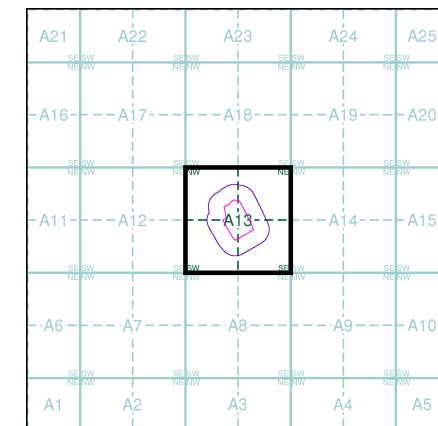
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Glamorganshire
Published 1919
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

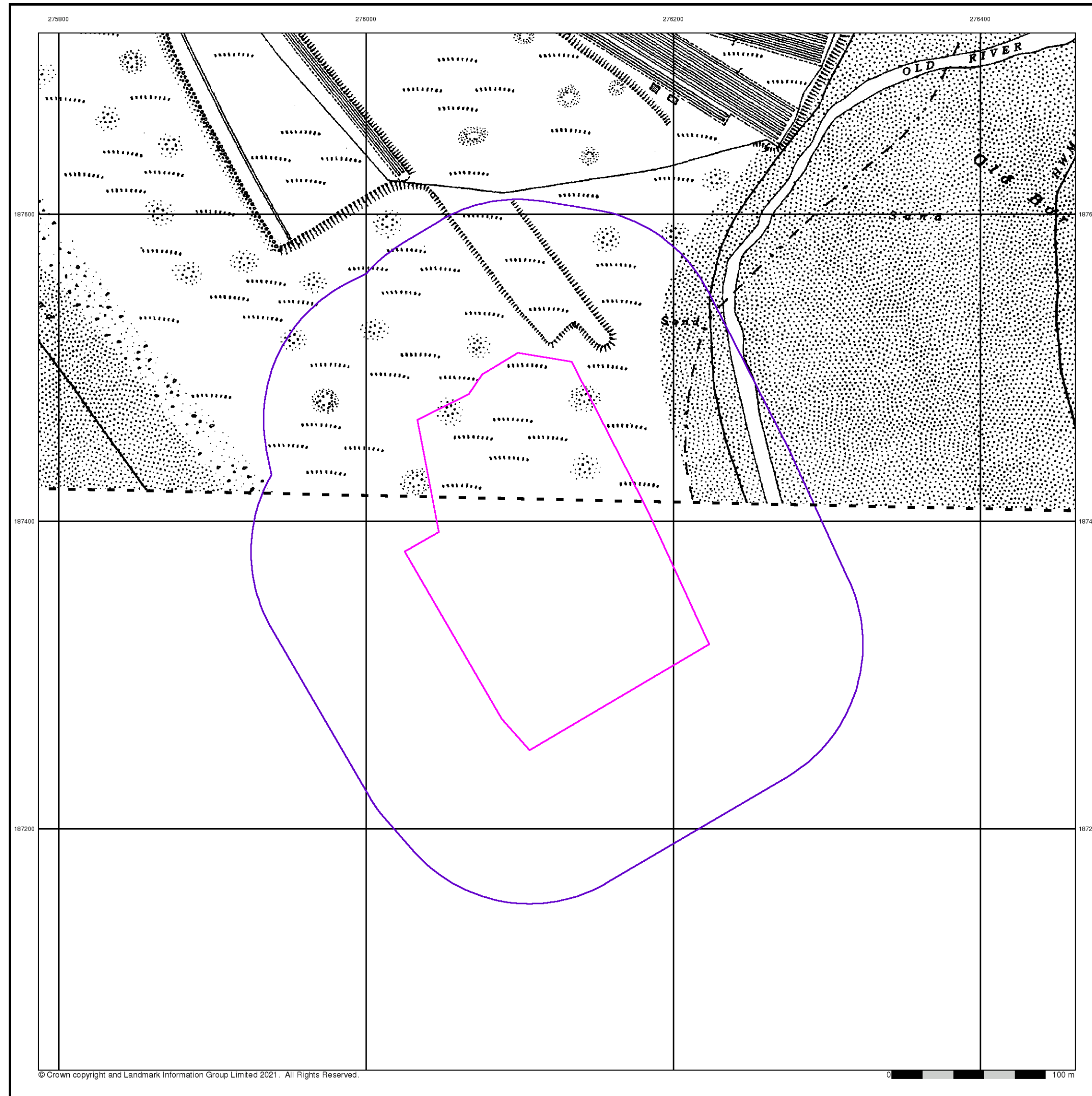
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Customer Ref: 100381175-006 SV18-01
National Grid Reference: 276120, 187380
Slice: A
Site Area (Ha): 3.06
Search Buffer (m): 100

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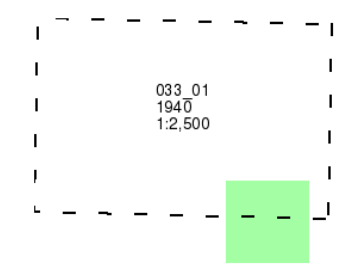
Glamorganshire

Published 1940

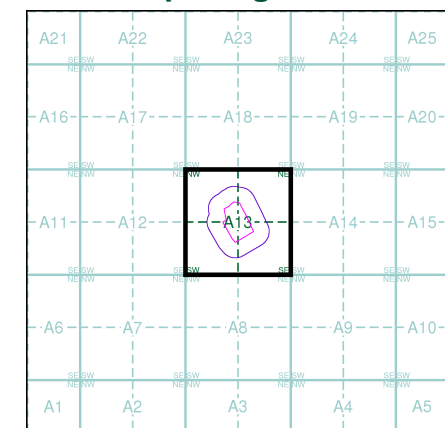
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered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

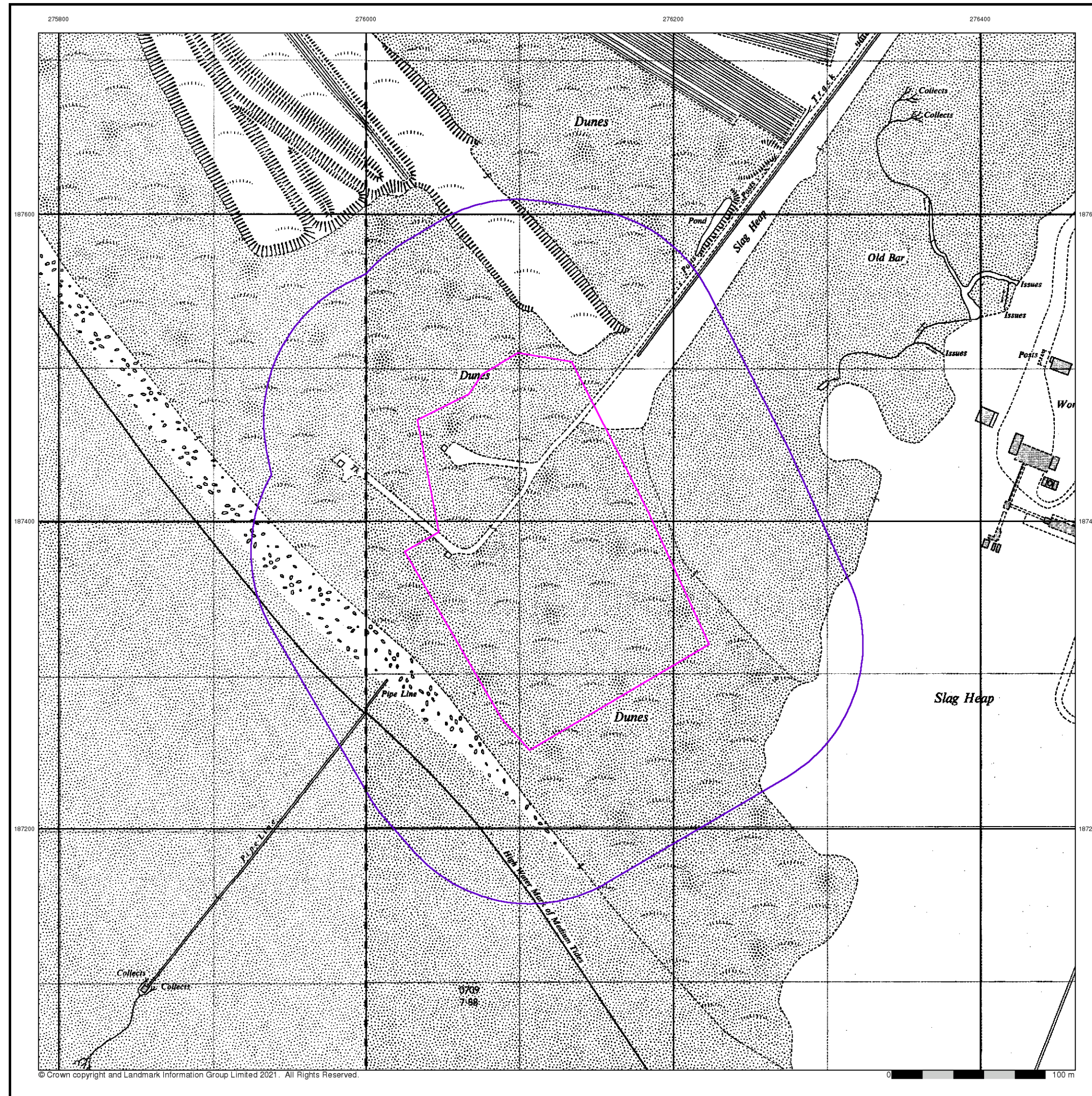


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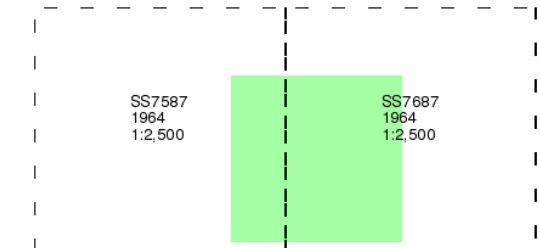


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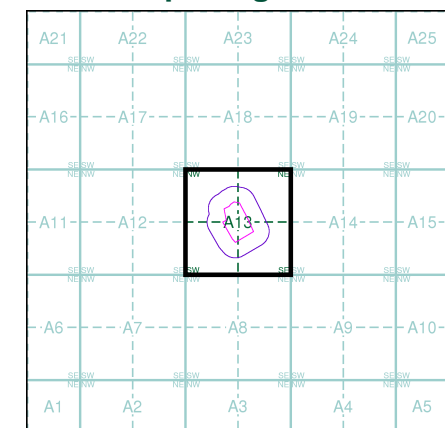
Ordnance Survey Plan
Published 1964
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

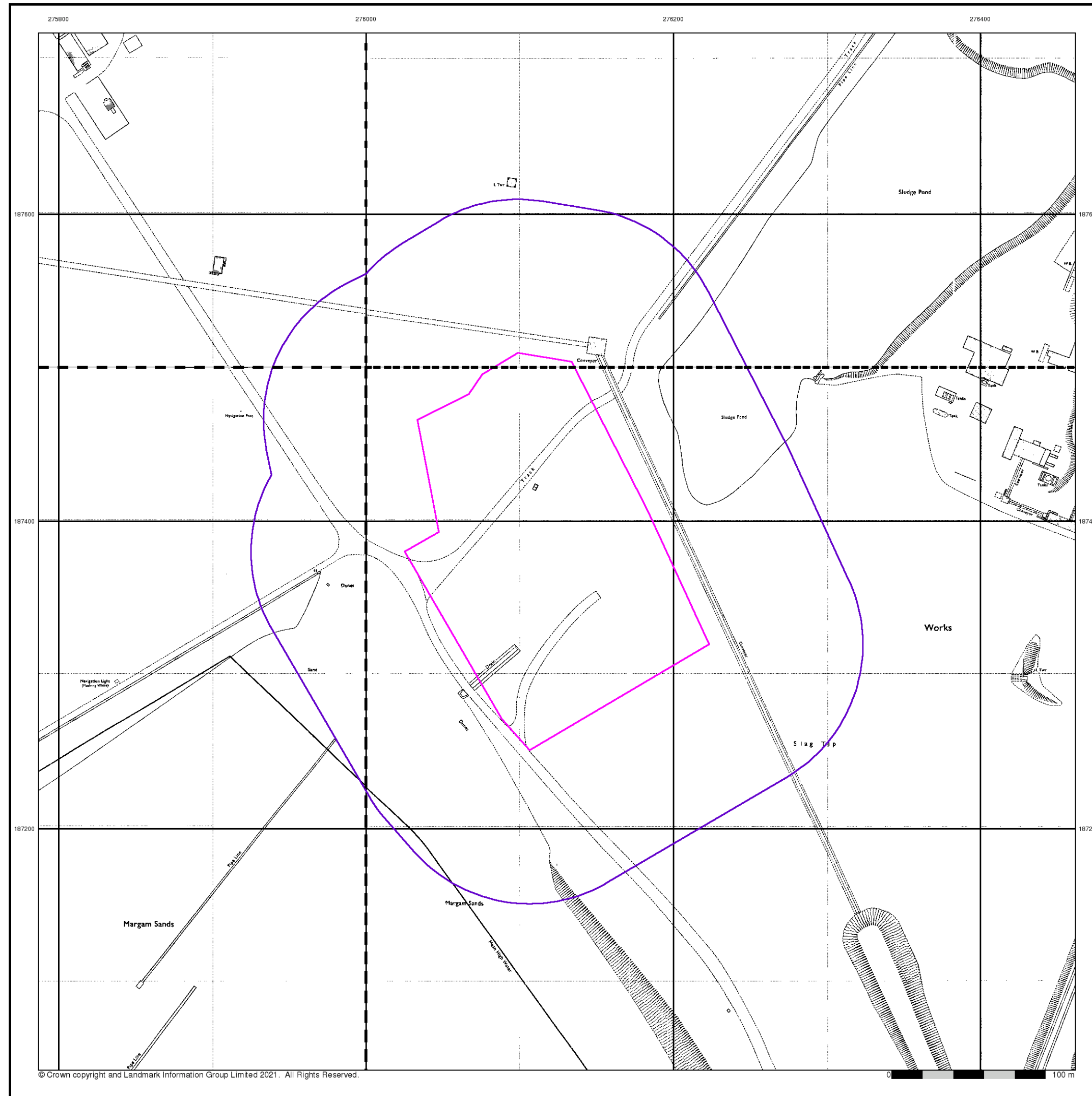
Order Number: 284099786_1_1
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National Grid Reference: 276120, 187380
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Ordnance Survey Plan

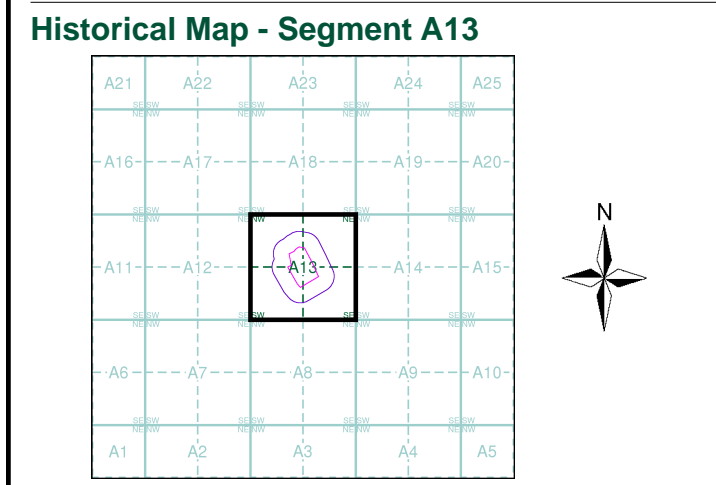
Published 1978 - 1979

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



Order Details

Order Number: 284099786_1_1
Customer Ref: 100381175-006 SV18-01
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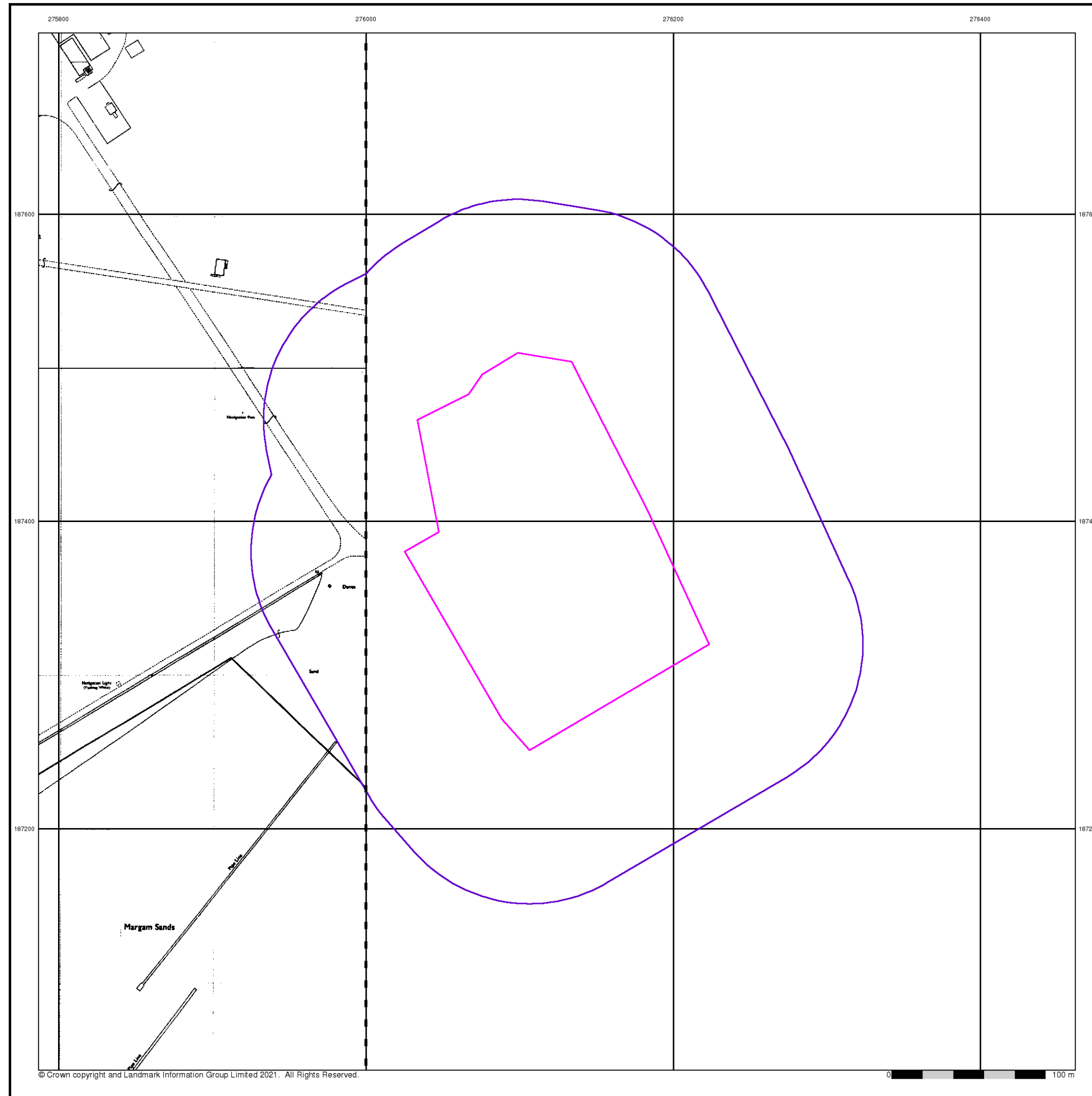
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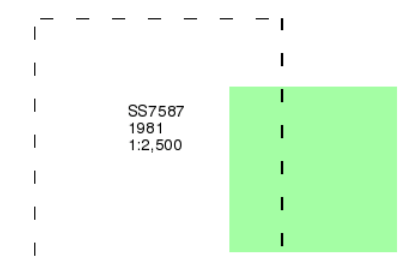


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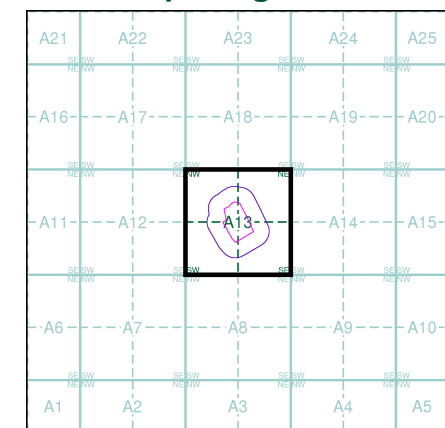
Ordnance Survey Plan
Published 1981
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

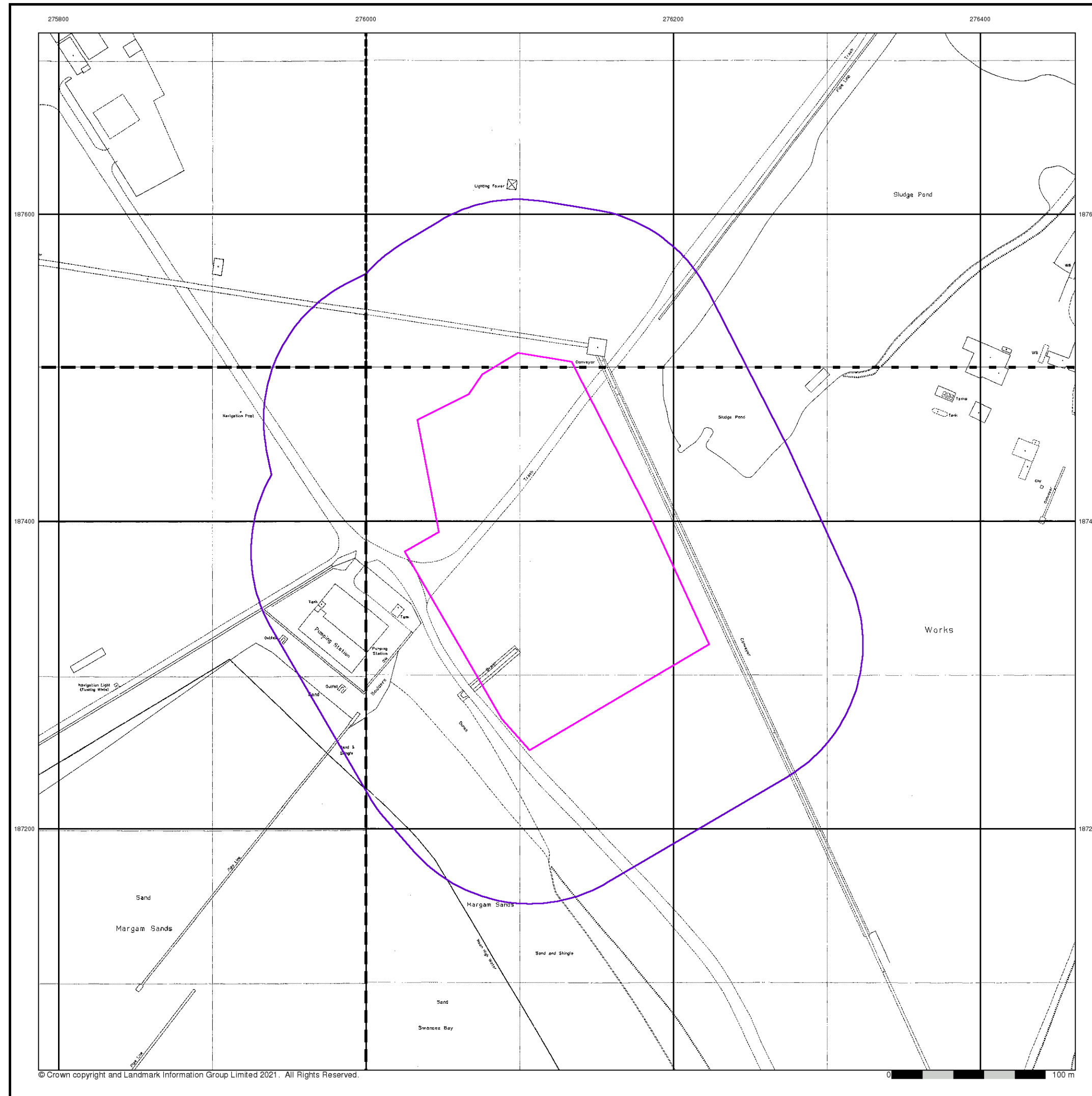


Historical Map - Segment A13



Order Details
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National Grid Reference: 276120, 187380
Slice: A
Site Area (Ha): 3.06
Search Buffer (m): 100

Site Details
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Large-Scale National Grid Data

Published 1993

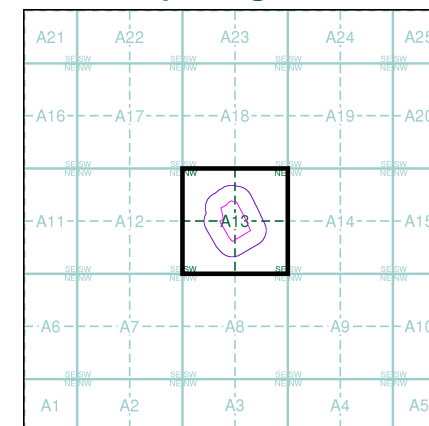
Source map scale - 1:1,250

'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

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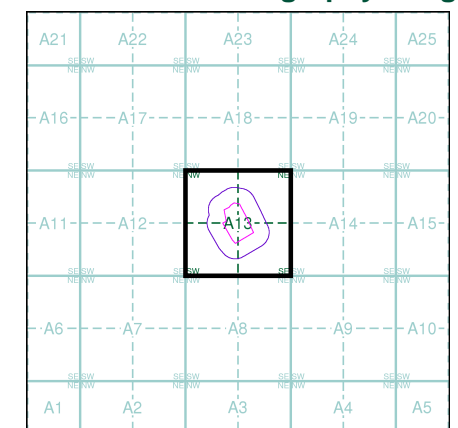
**MOTT
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Historical Aerial Photography

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
	Bracken		Heath
	Marsh		Reeds
	Building		Glasshouse
	Sloping Masonry		Pylon
	Cutting		Embankment
	Road Under		Road Over
	Level Crossing		Foot Bridge
	Standard Gauge Multiple Track		Standard Gauge Single Track
	Siding, Tramway or Mineral Line		Narrow Gauge
	Geographical County		Administrative County, County Borough or County of City
	Municipal Borough, Urban or Rural District, Burgh or District Council		Borough, Burgh or County Constituency
	Civil Parish		
	BP, BS Boundary Post or Stone		Police Station
	Church		Post Office
	Club House		Public Convenience
	Fire Engine Station		Public House
	Foot Bridge		Signal Box
	Fountain		Spring
	Guide Post		Telephone Call Box
	Mile Post		Telephone Call Post
	Mile Stone		Well

1:10,000 Raster Mapping

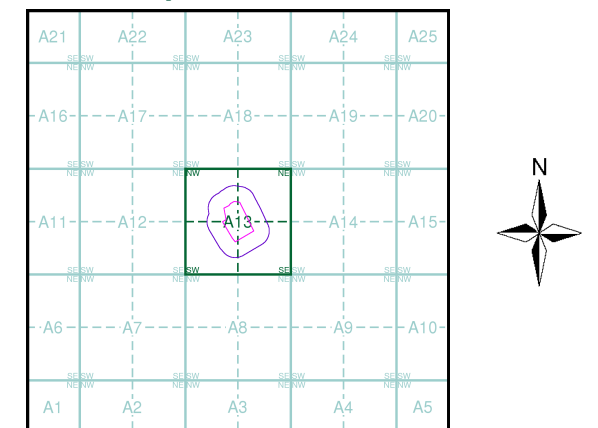
	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil,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

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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

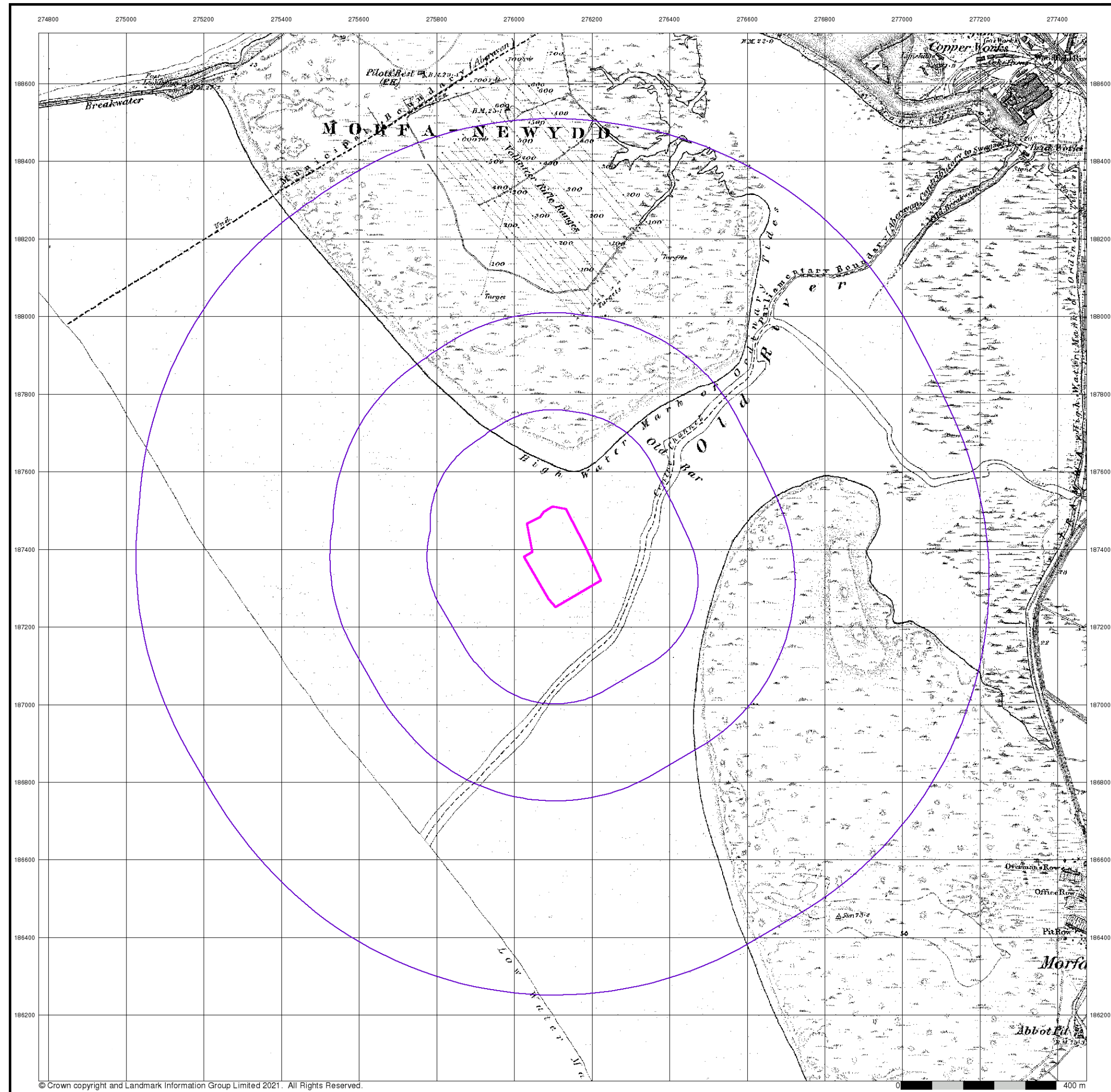
Order Number: 284099786_1_1
Customer Ref: 100381175-006 SV18-01
National Grid Reference: 276120, 187380
Slice: A
Site Area (Ha): 3.06
Search Buffer (m): 1000

Site Details

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

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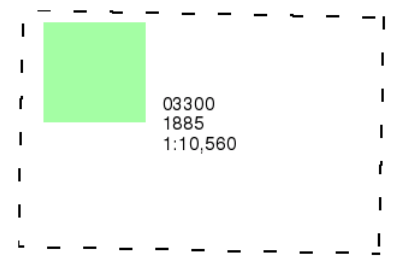
Glamorganshire

Published 1885

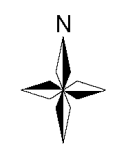
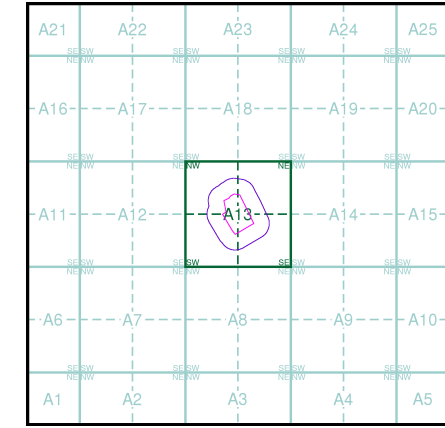
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

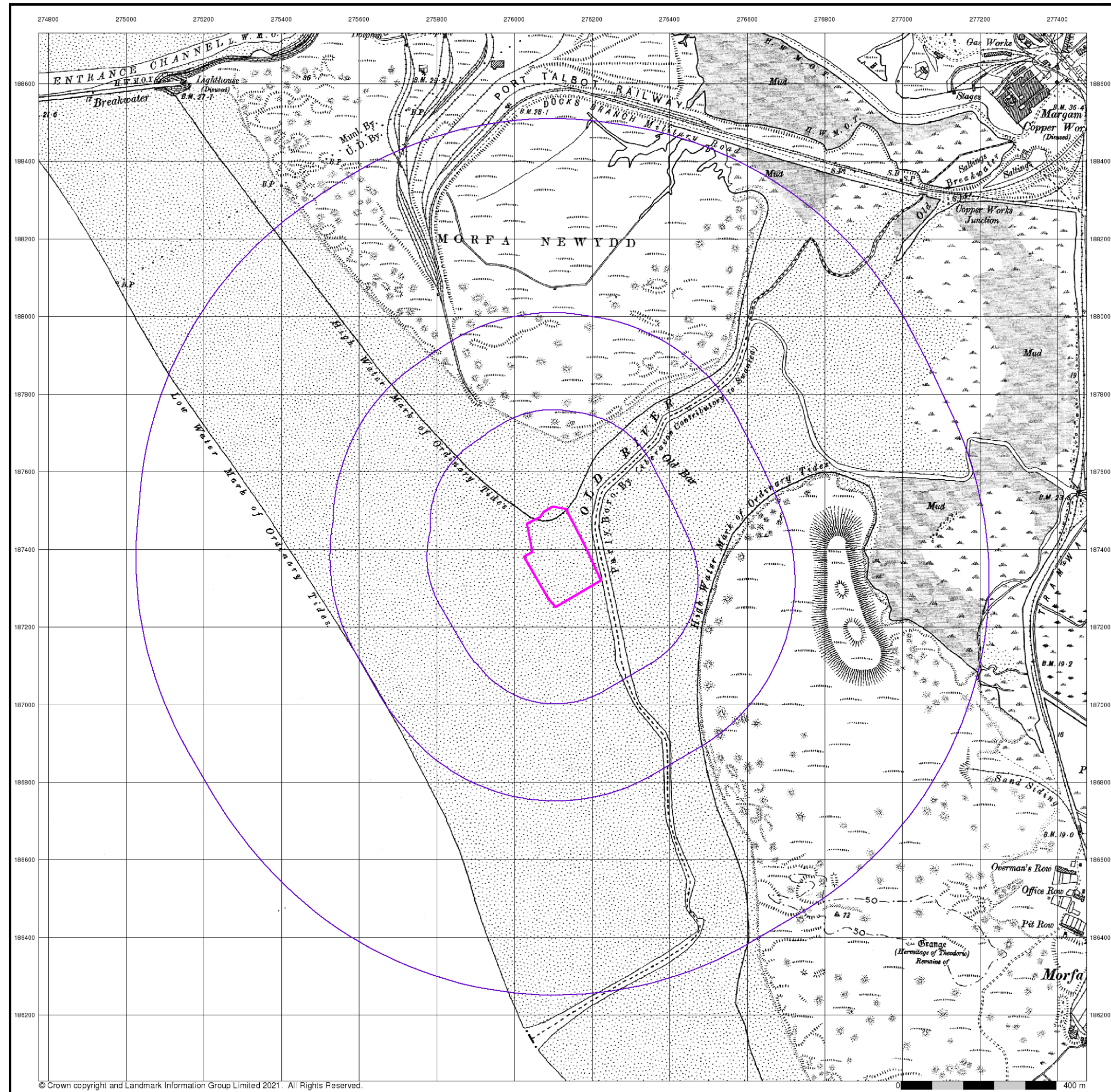
Order Number: 284099786_1_1
Customer Ref: 100381175-006 SV18-01
National Grid Reference: 276120, 187380
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Site Area (Ha): 3.06
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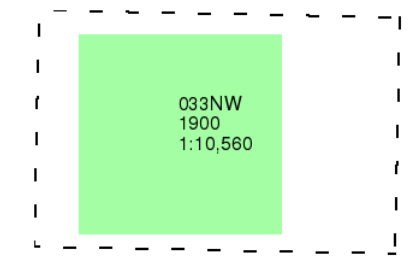
Glamorganshire

Published 1900

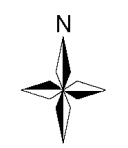
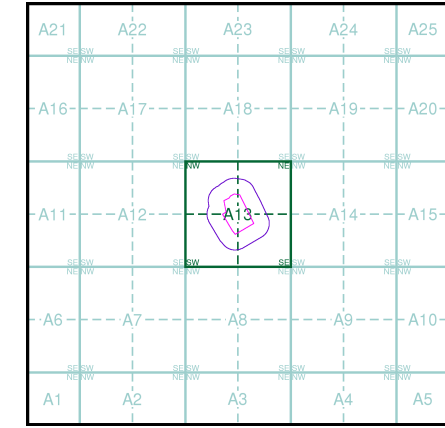
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

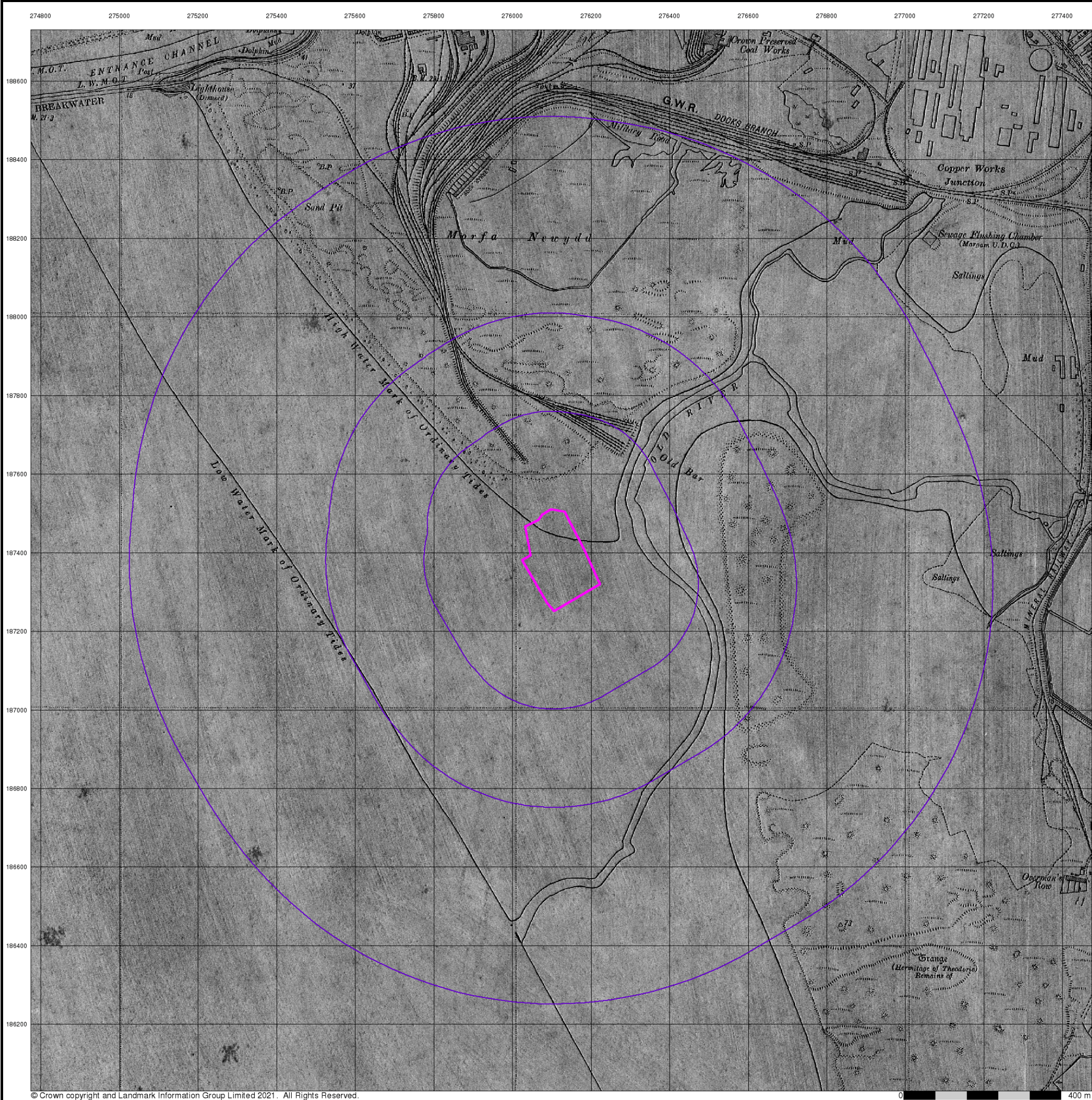
Order Number: 284099786_1_1
Customer Ref: 100381175-006 SV18-01
National Grid Reference: 276120, 187380
Slice: A
Site Area (Ha): 3.06
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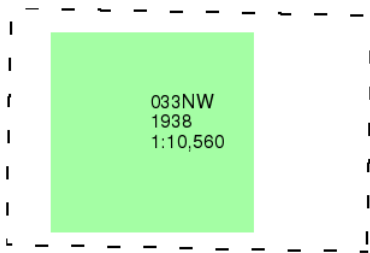
Glamorganshire

Published 1938

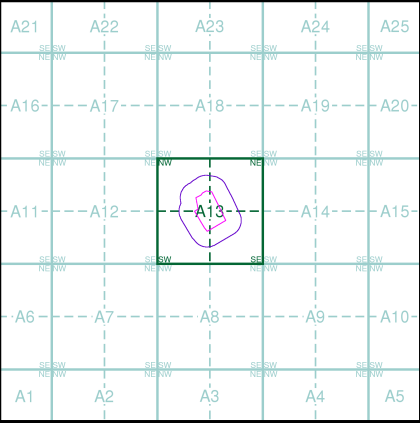
Source map scale - 1:10,560

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

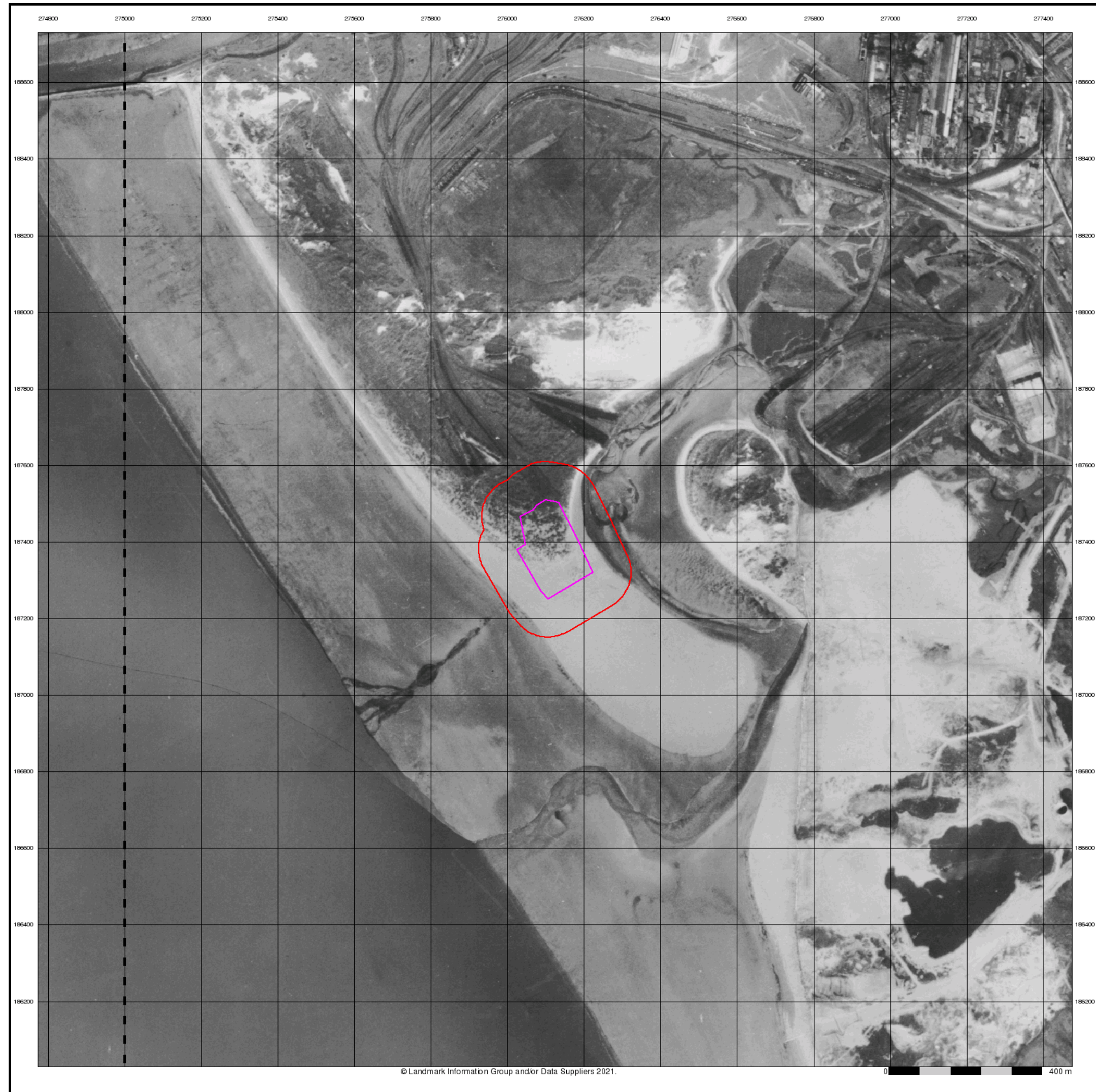
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Site Area (Ha): 3.06
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Historical Aerial Photography

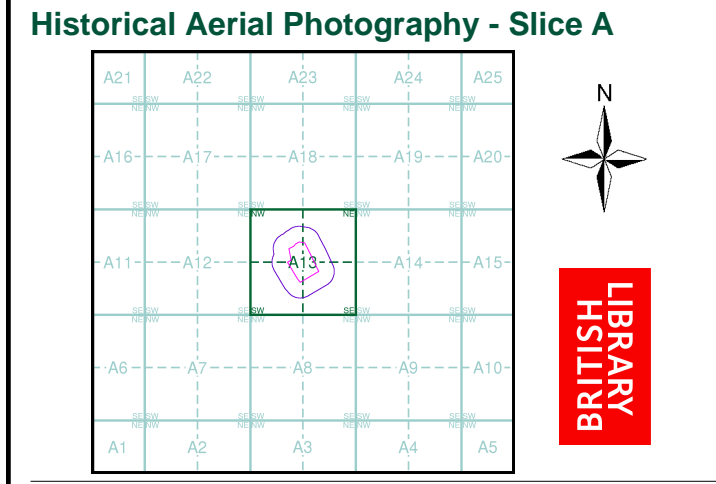
Published 1949

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



Order Details

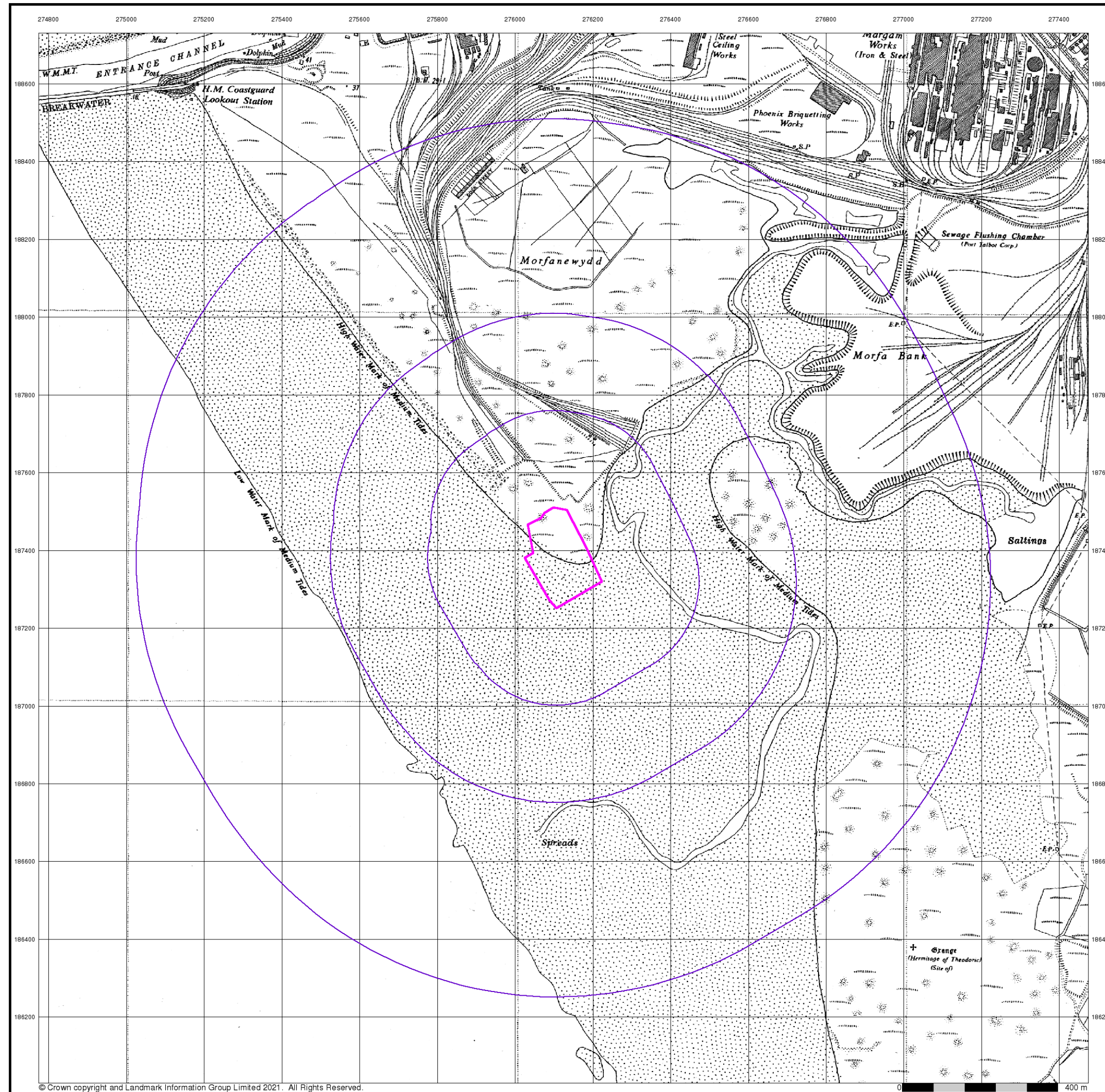
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National Grid Reference:	276120, 187380
Slice:	A
Site Area (Ha):	3.06
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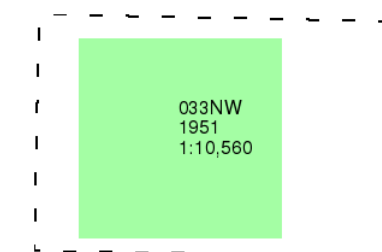
Glamorgan

Published 1951

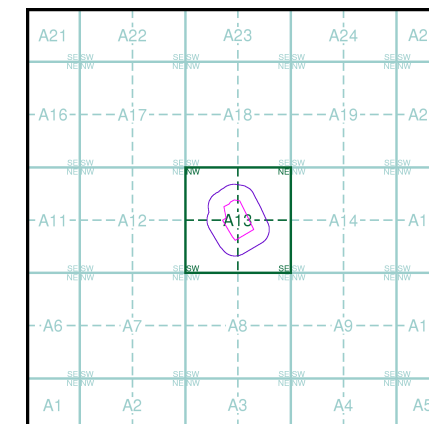
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps.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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

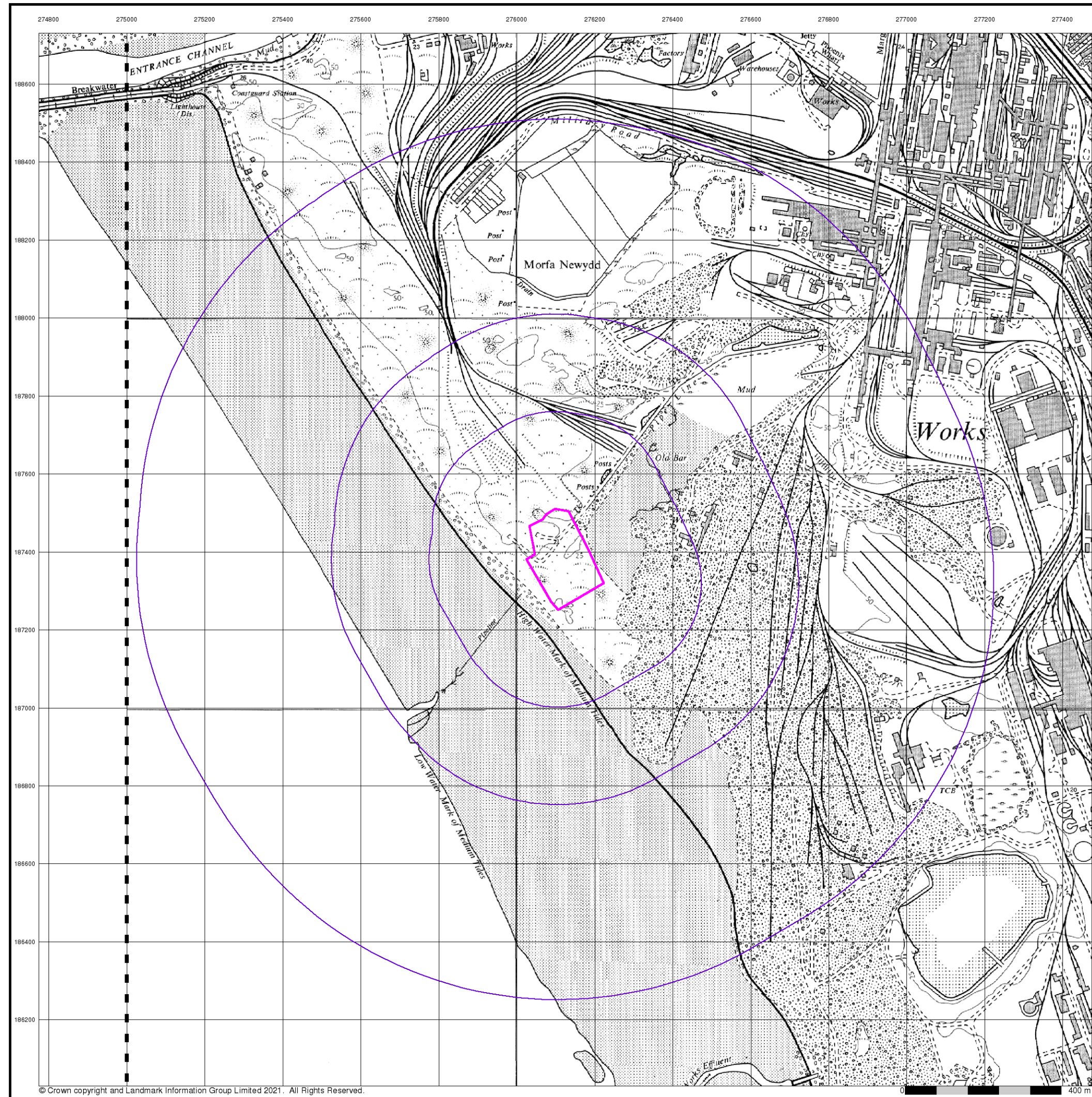
Order Number: 284099786_1_1
Customer Ref: 100381175-006 SV18-01
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Slice: A
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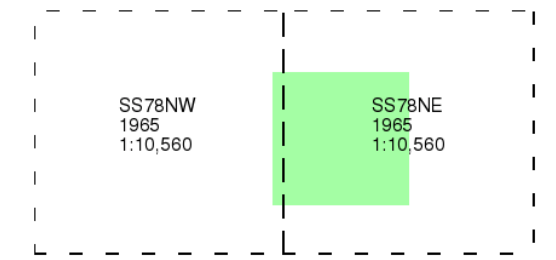
Ordnance Survey Plan

Published 1965

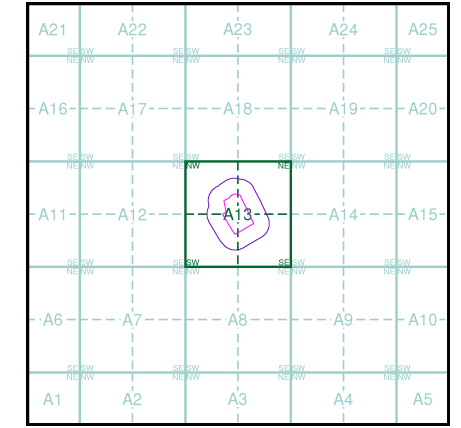
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

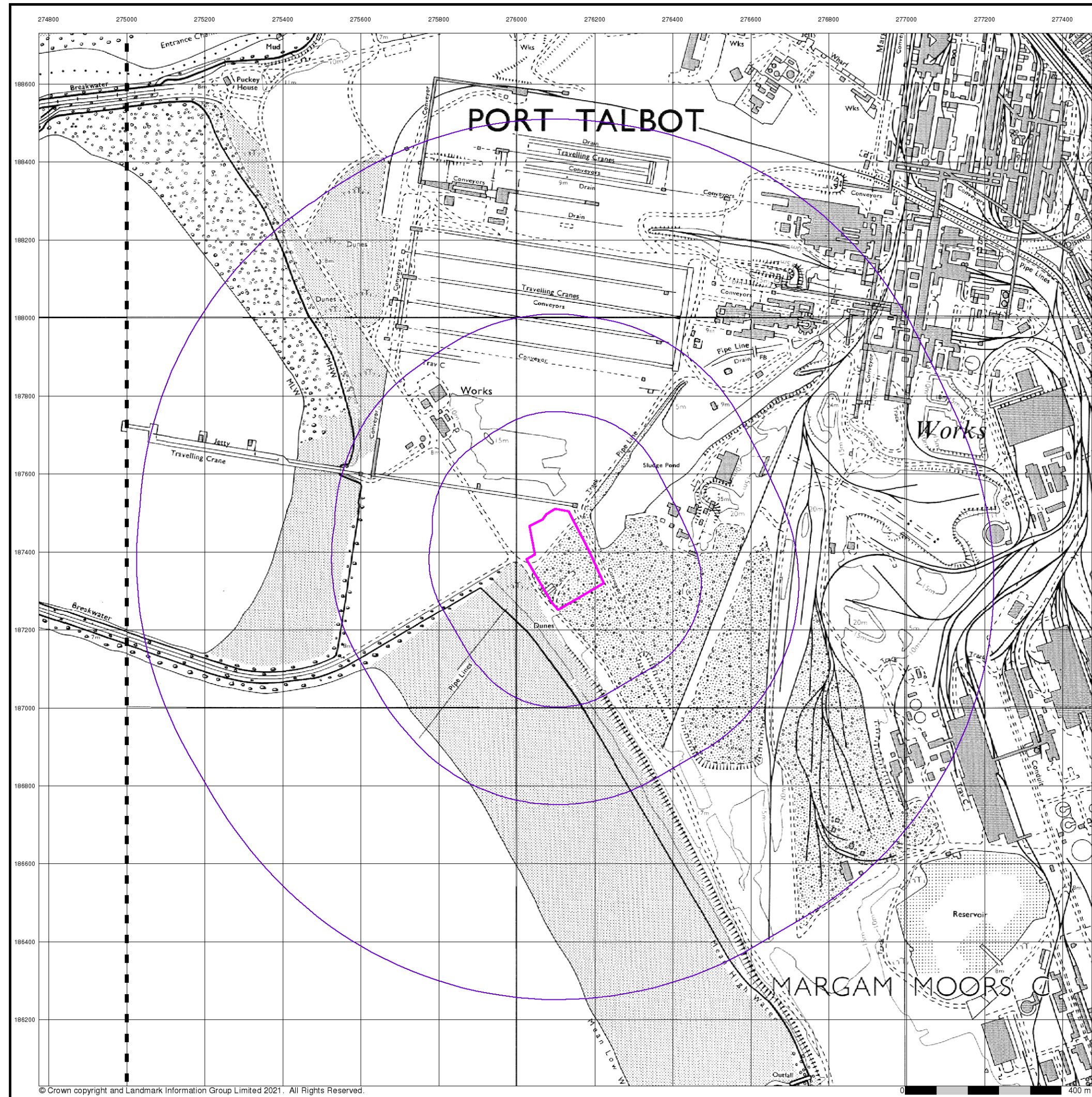
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Customer Ref: 100381175-006 SV18-01
National Grid Reference: 276120, 187380
Slice: A
Site Area (Ha): 3.06
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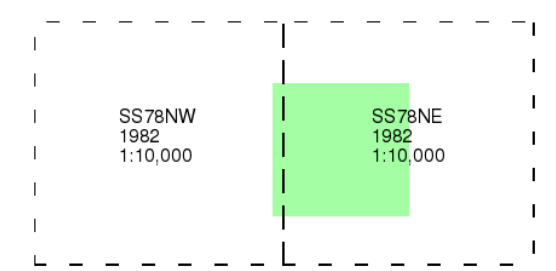
Ordnance Survey Plan

Published 1982

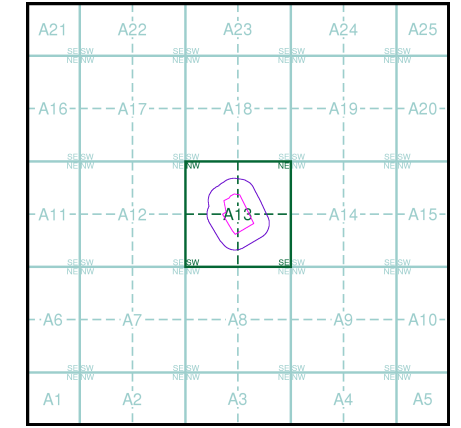
Source map scale - 1:10,000

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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

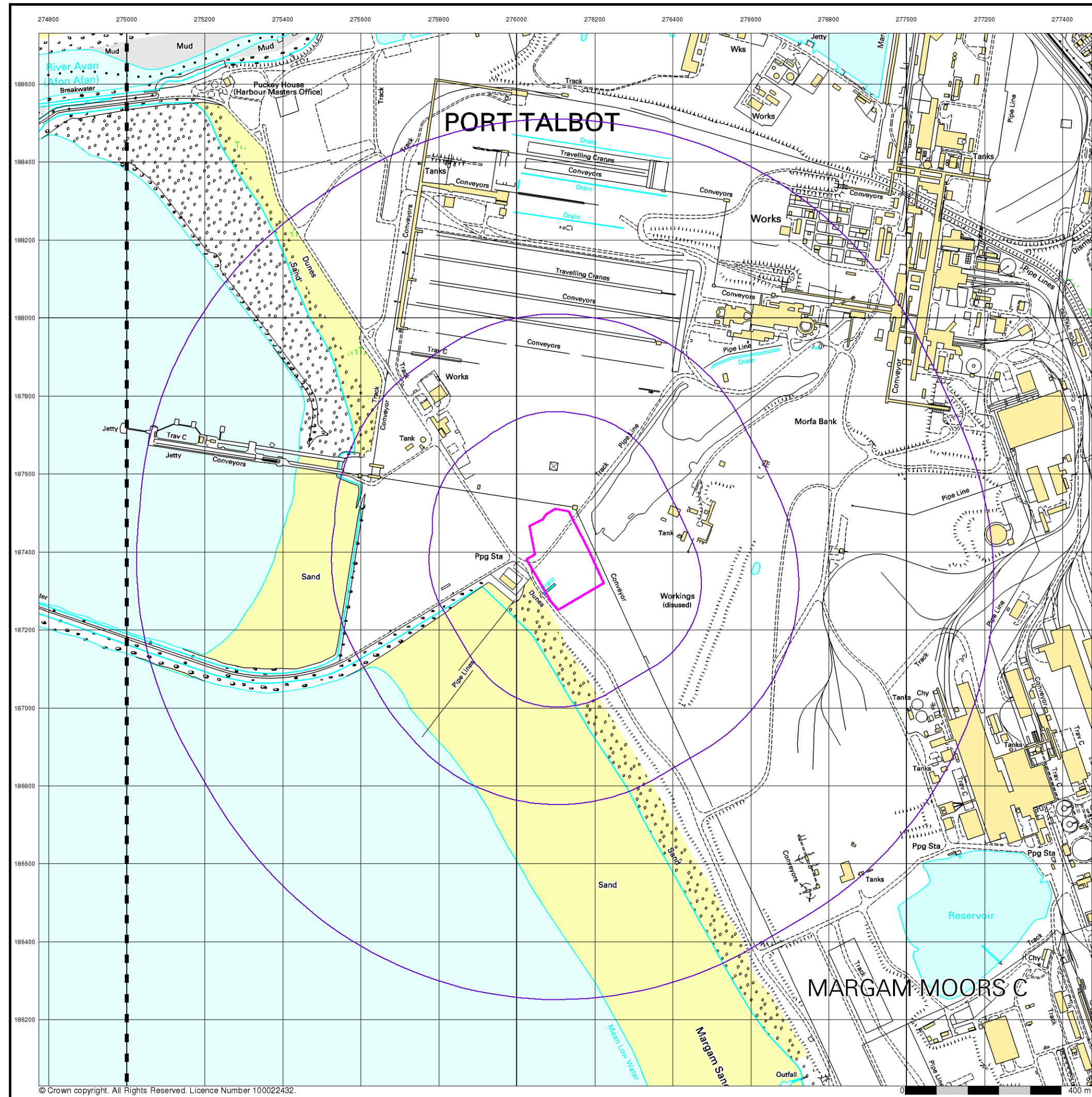
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Customer Ref: 100381175-006 SV18-01
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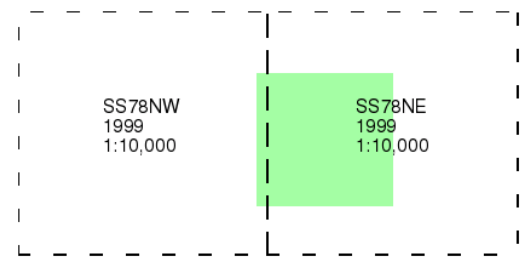
10k Raster Mapping

Published 1999

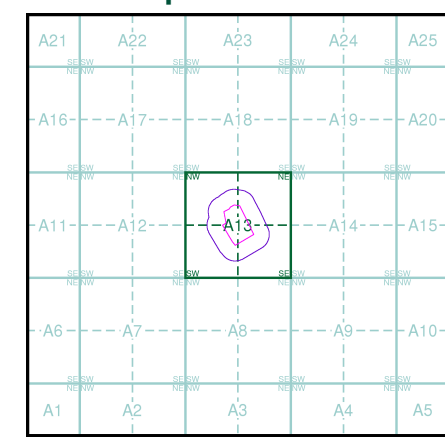
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

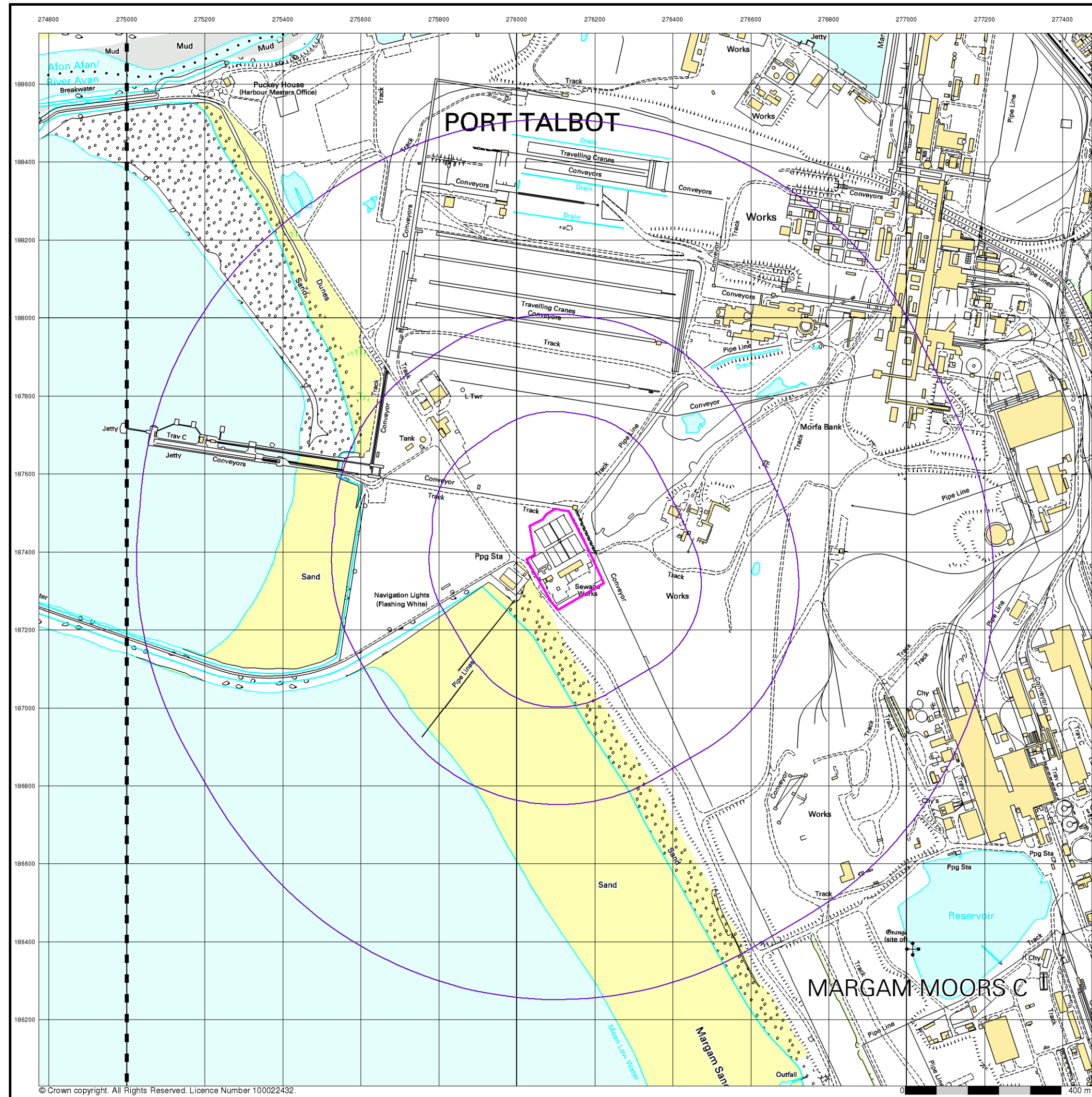
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Customer Ref: 100381175-006 SV18-01
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Slice: A
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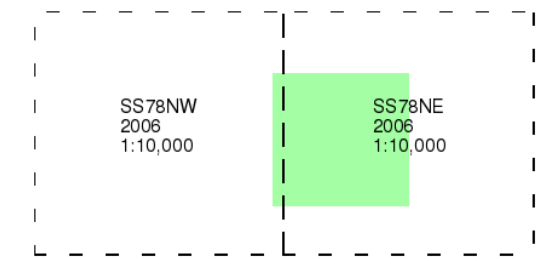
10k Raster Mapping

Published 2006

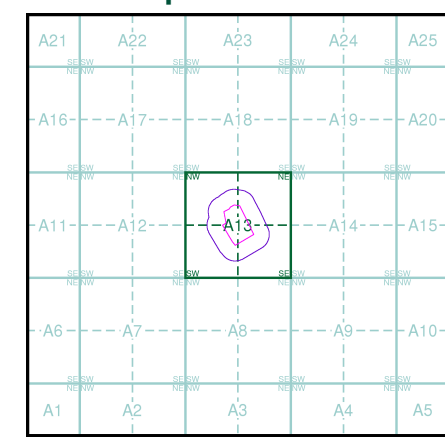
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



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
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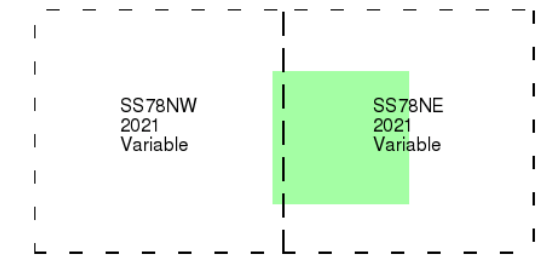
VectorMap Local

Published 2021

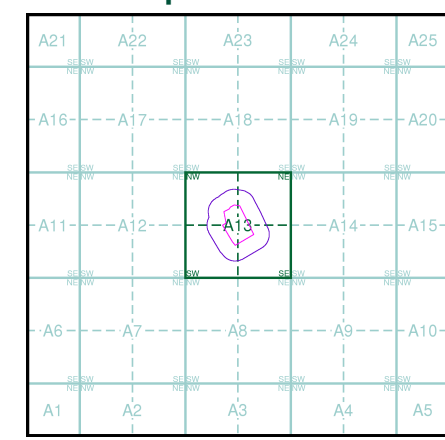
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

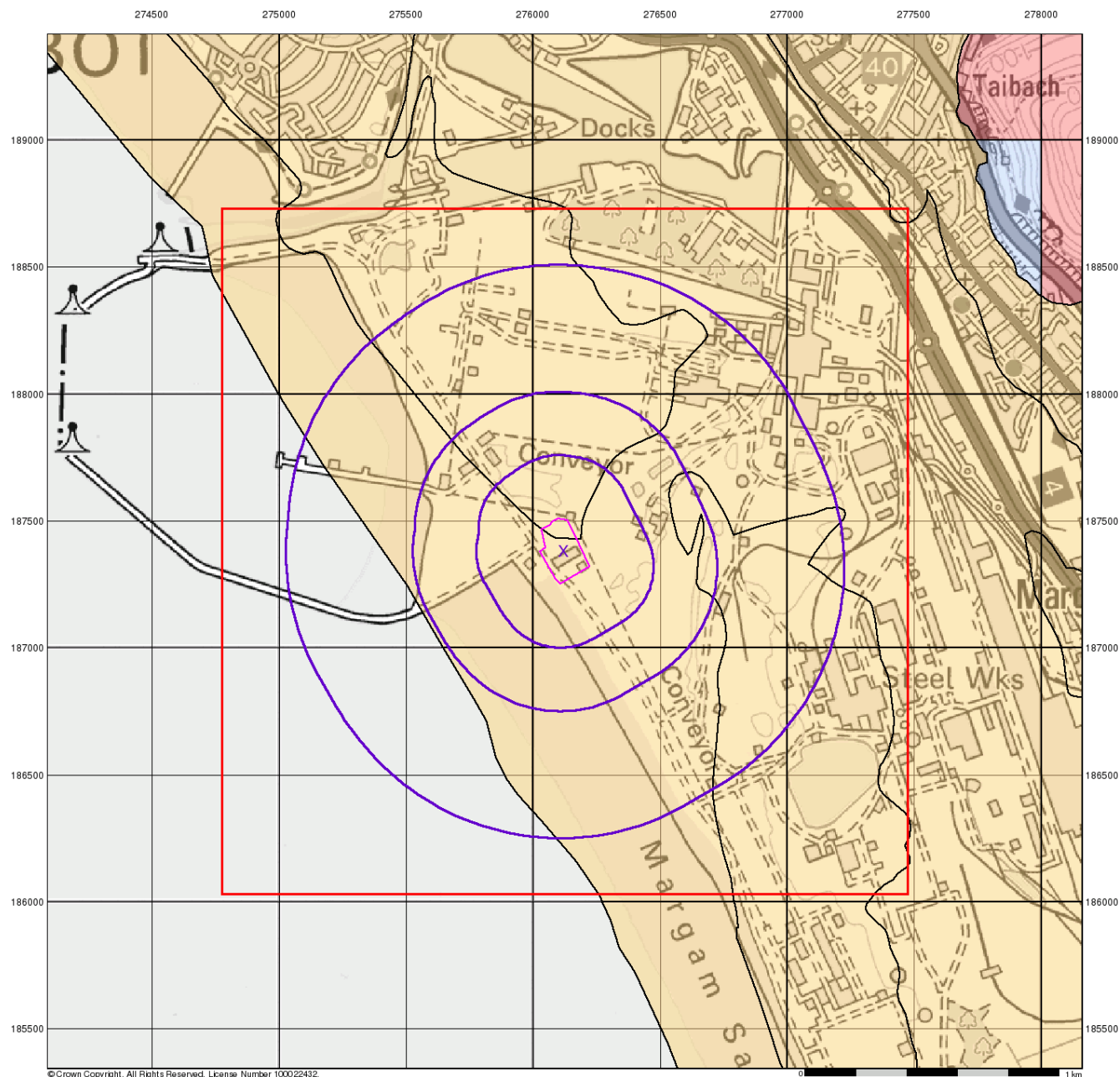
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Groundwater Vulnerability

General

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

Agency and Hydrological

Bedrock Aquifers

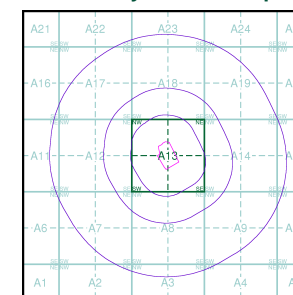
- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

Superficial Aquifers

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

- Unproductive Aquifer
- ⋯ Soluble Rock

Site Sensitivity Context Map - Slice A



Order Details

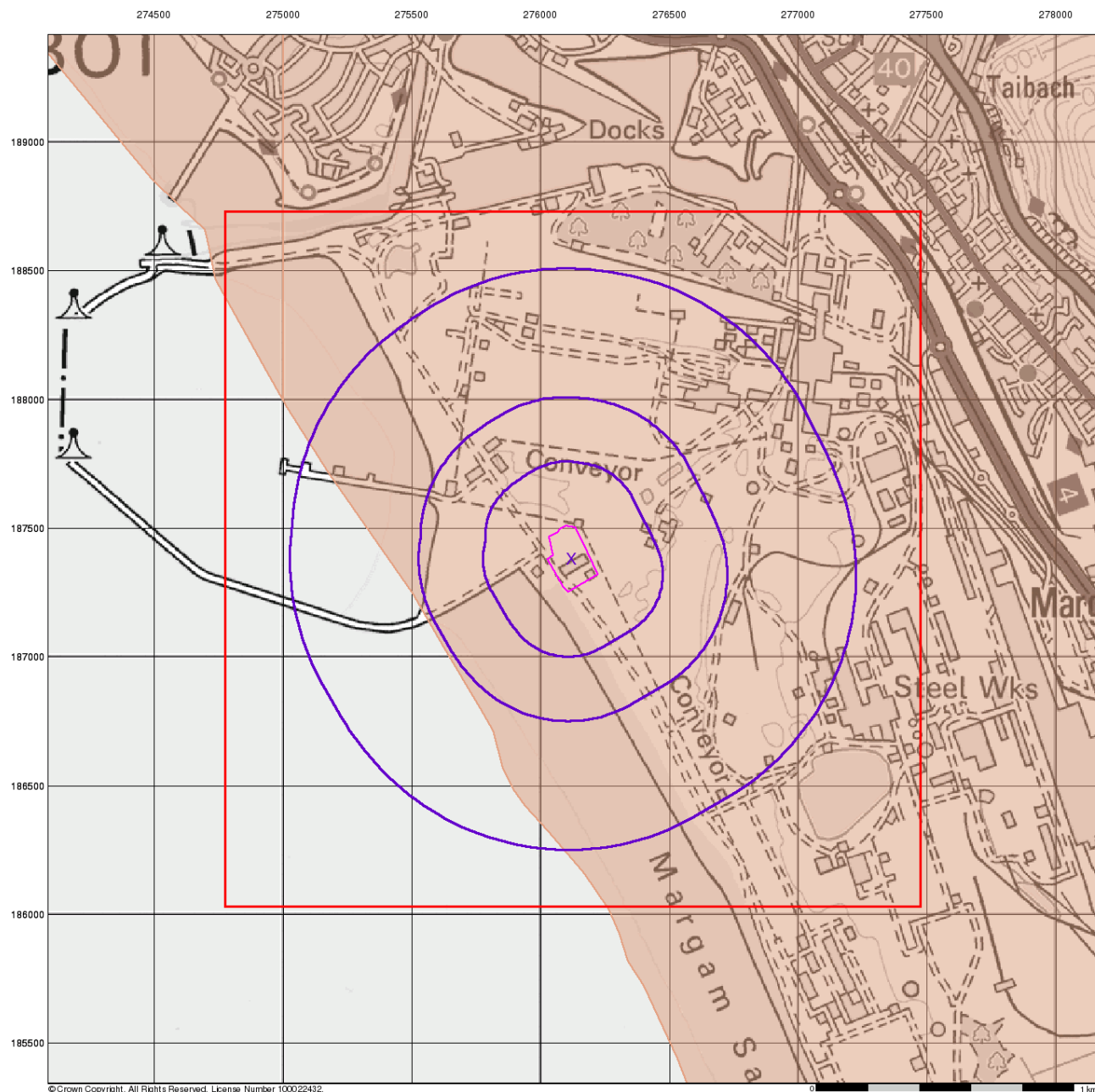
Order Number: 284099786_1_1
 Customer Ref: 100381175-006 SV18-01
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 Slice: A
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Bedrock Aquifer Designation

General

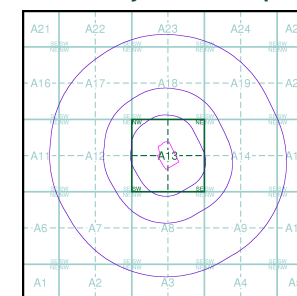
- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Slice
- B Map ID

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

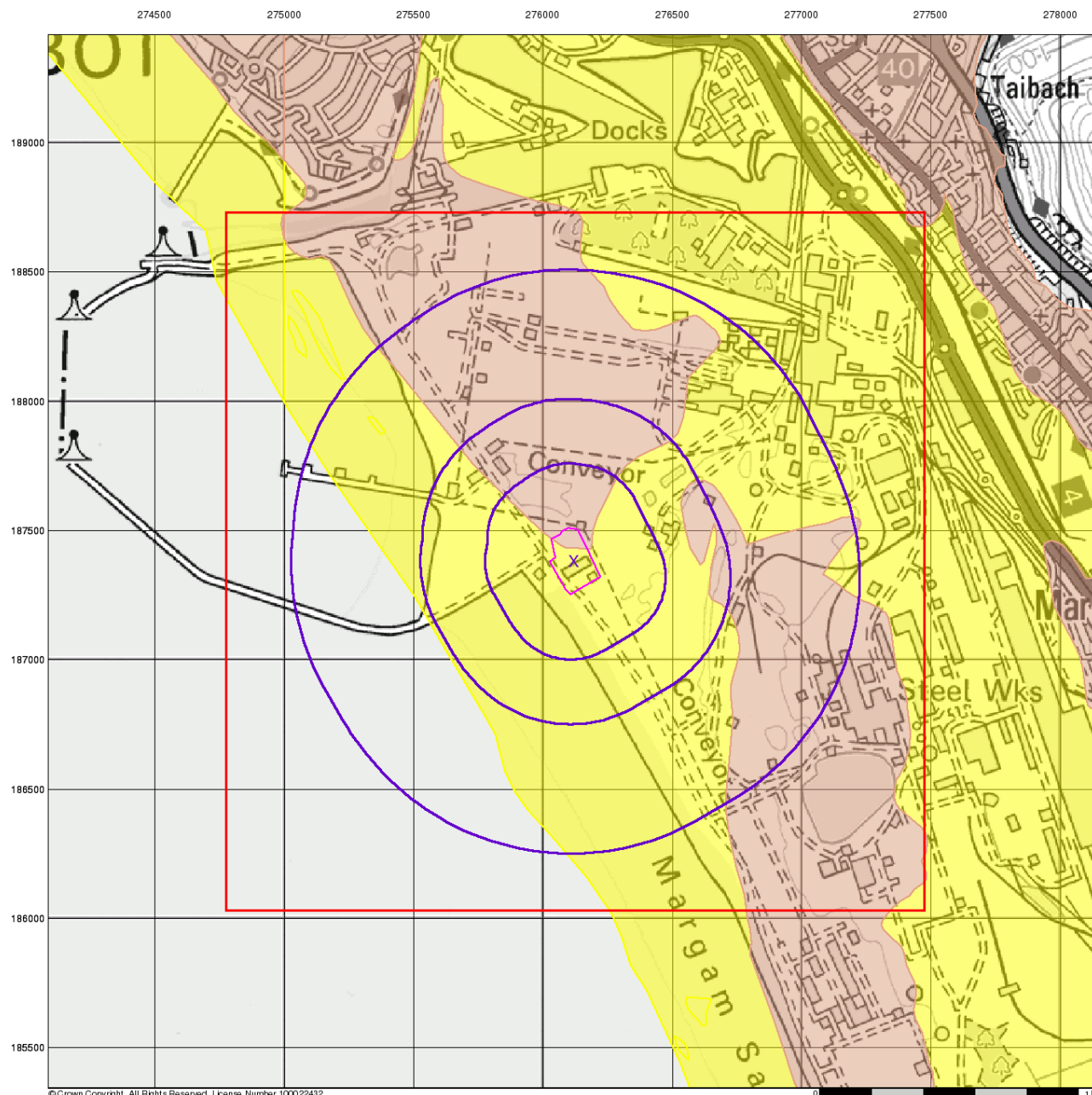
Order Number: 284099786_1_1
 Customer Ref: 100381175-006 SV18-01
 National Grid Reference: 276120, 187380
 Slice: A
 Site Area (Ha): 3.06
 Search Buffer (m): 1000

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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Superficial Aquifer Designation

General

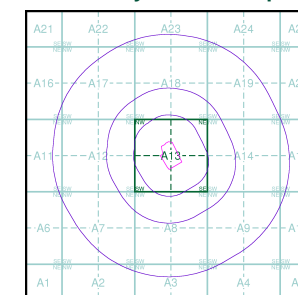
- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Slice
- B Map ID

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

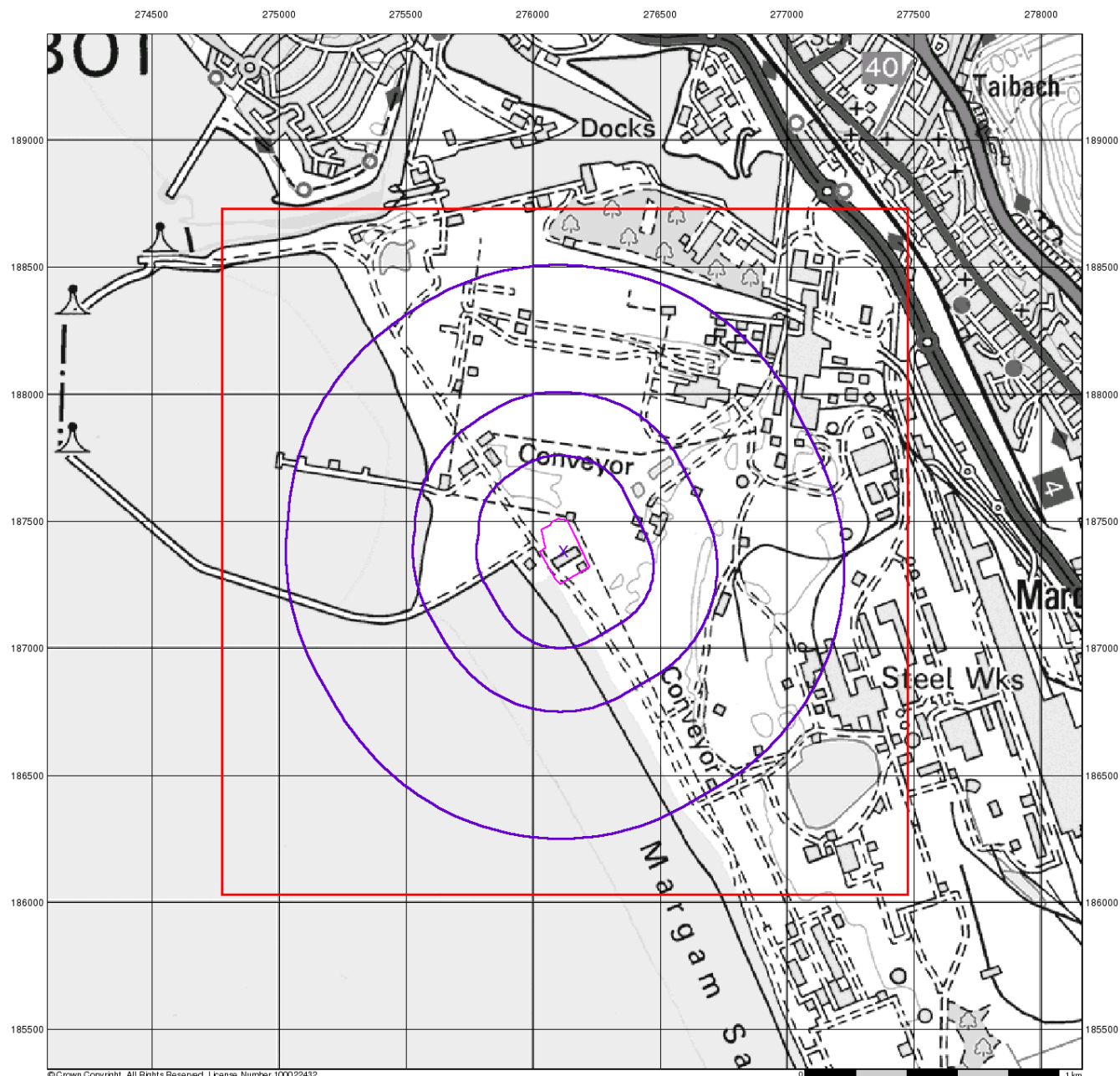
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Source Protection Zones

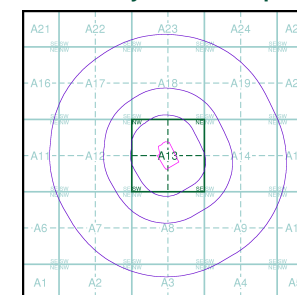
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A



Order Details

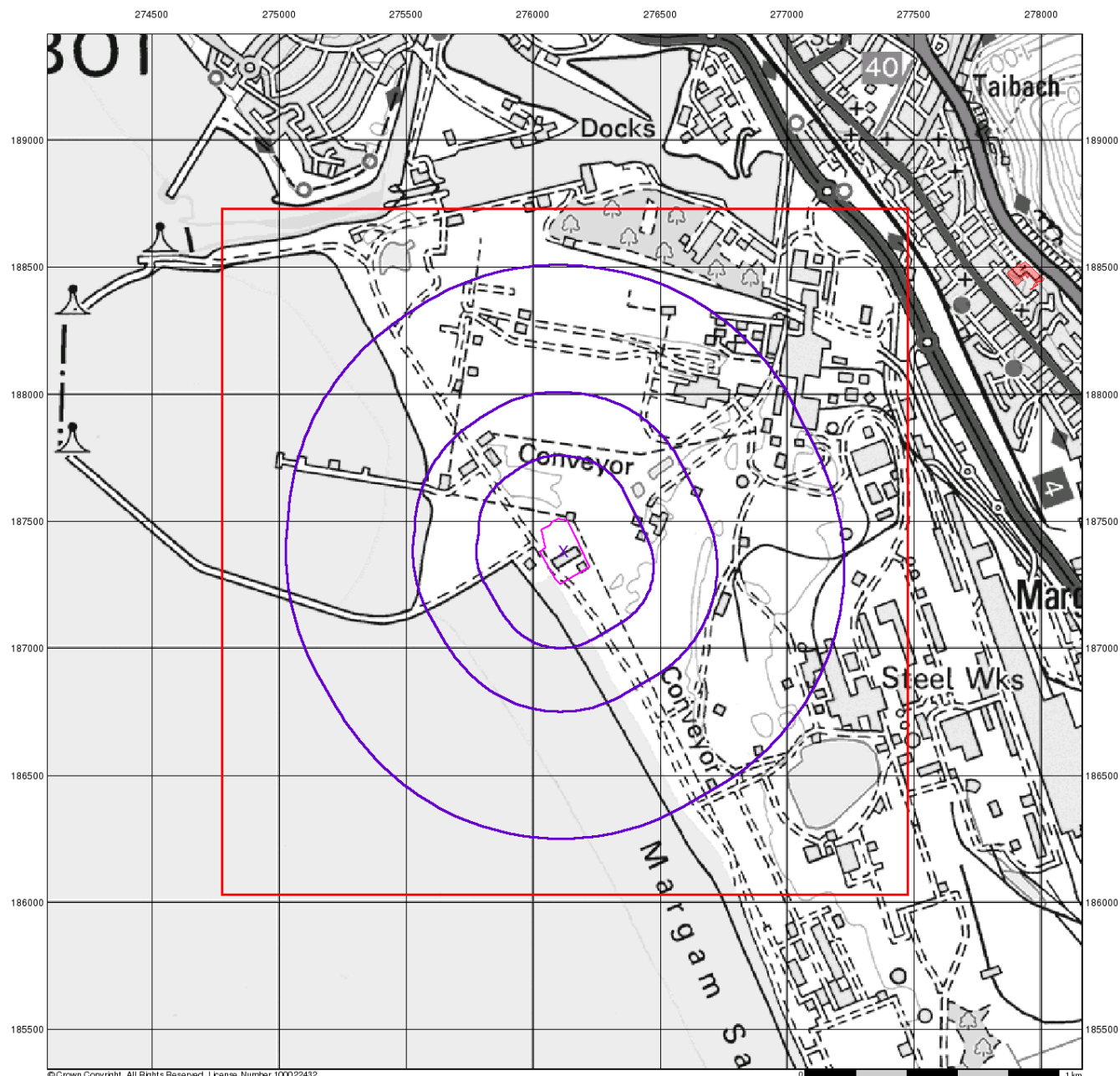
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Sensitive Land Uses

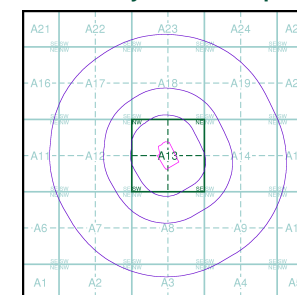
General

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

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice A



Order Details

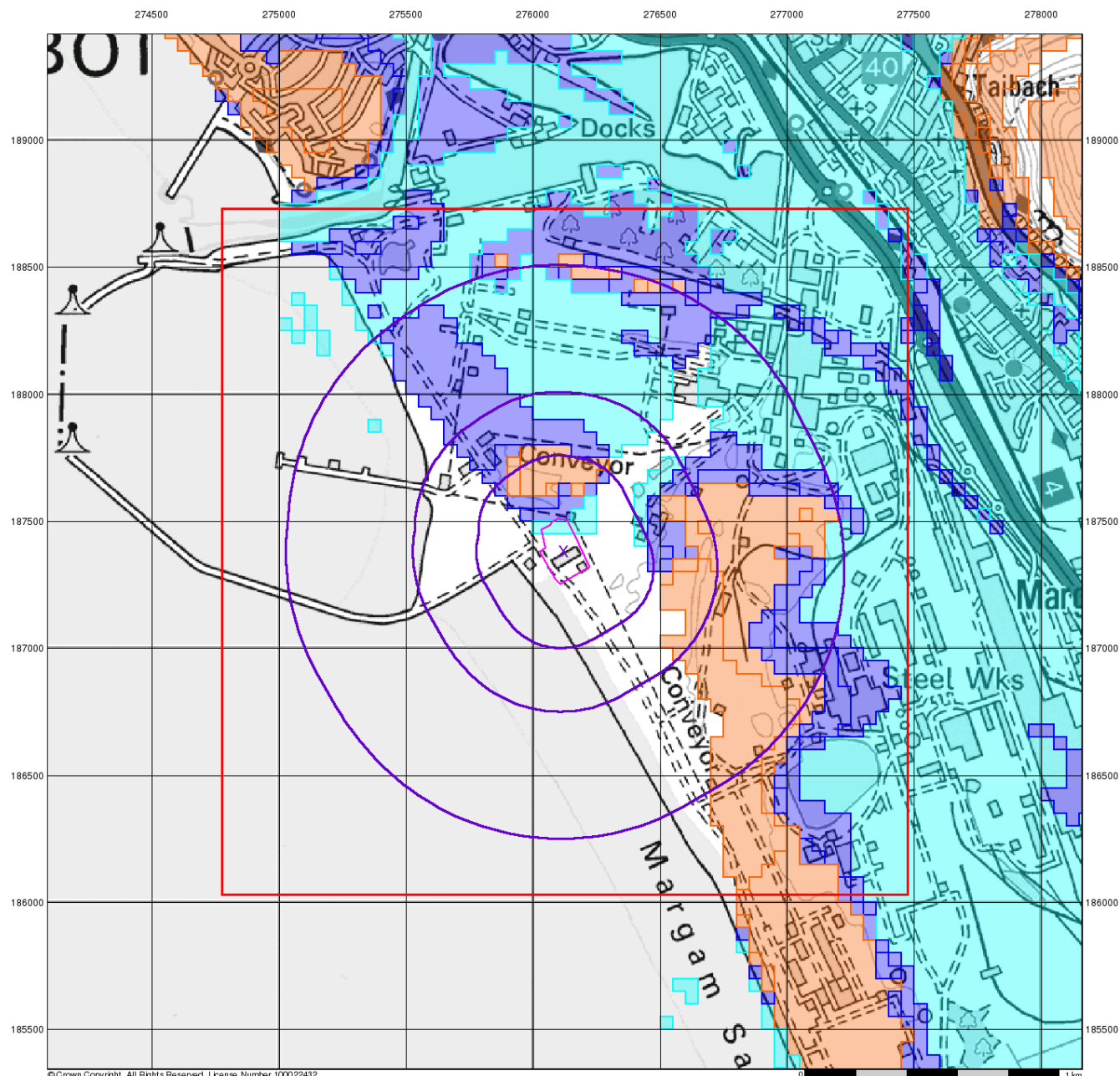
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BGS Flood GFS Data

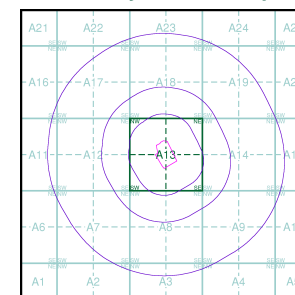
General

- 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

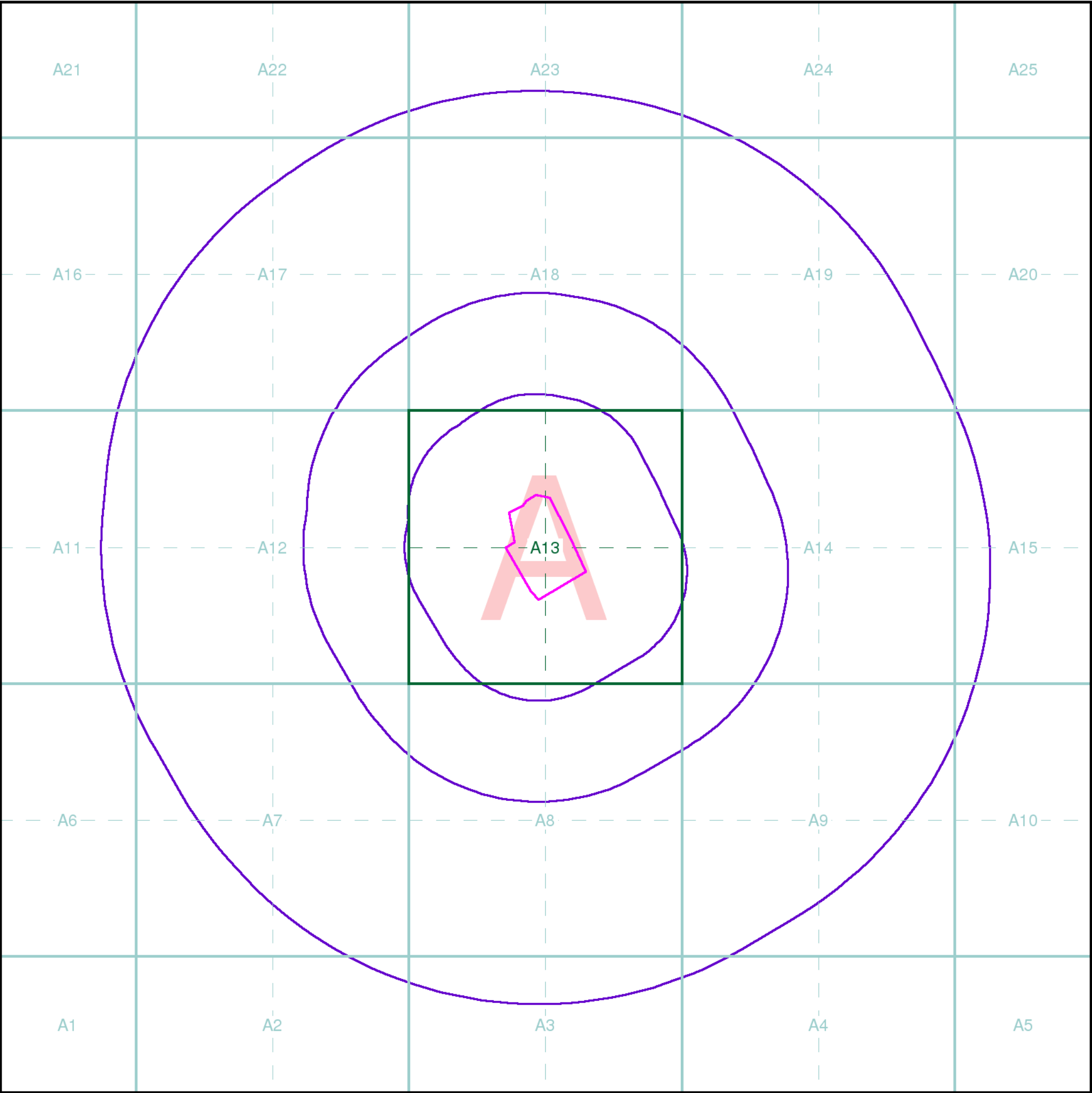
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Index Map

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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