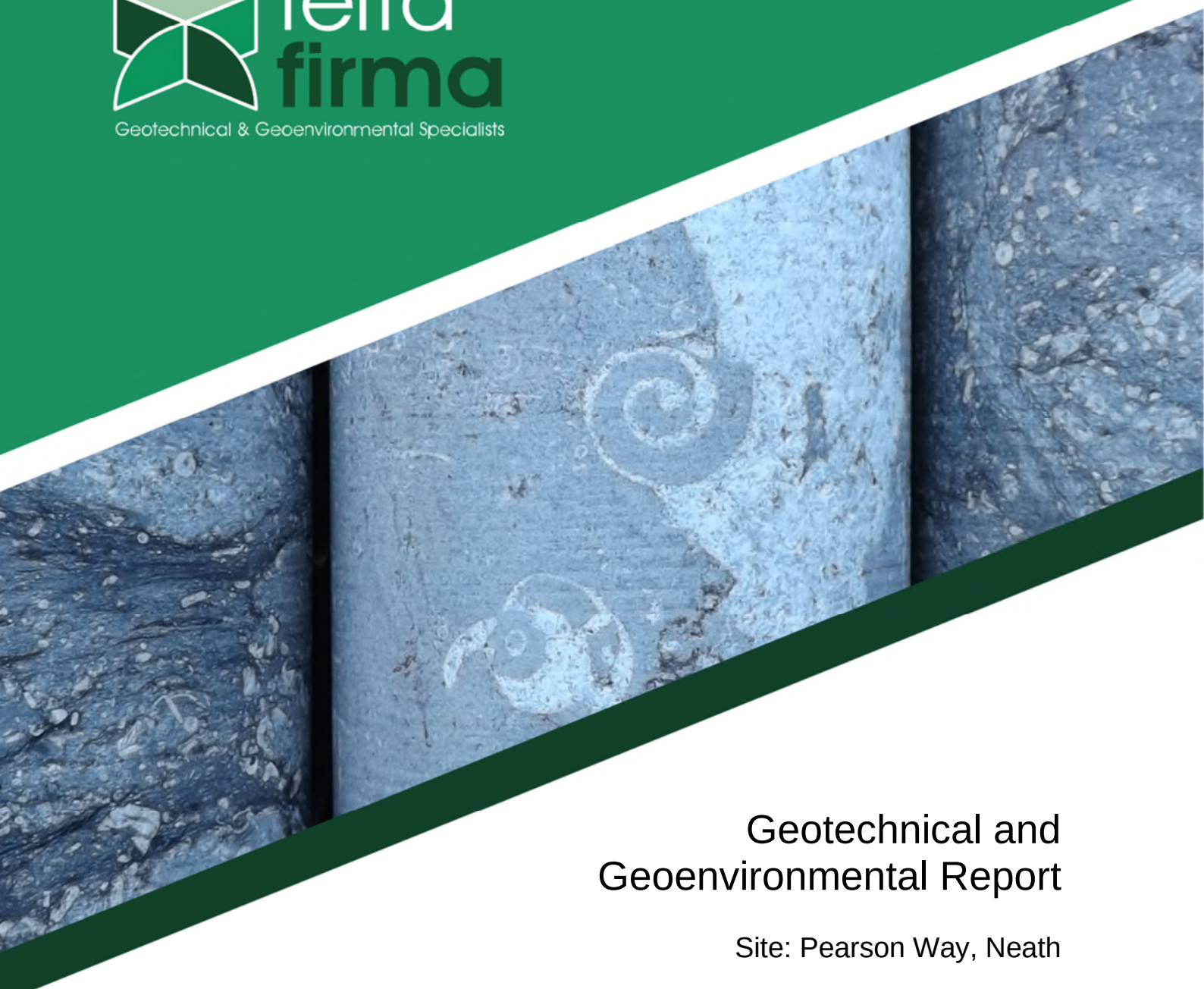




Geotechnical and Geoenvironmental Report

Site: Pearson Way, Neath

Prepared For: Wellspring Property and Investments Ltd

Issue Date: August 2021

Job No: 16819

REPORT TITLE : **Geotechnical and Geoenvironmental Report:
Proposed Development, Pearson Way, Neath**

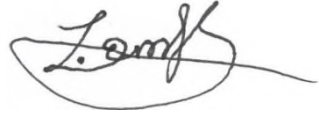
JOB NUMBER : **16819**

ISSUE DATE : **August 2021**

REPORT REFERENCE : **03082021-16819-1**

Document Revision Record

Issue Number	Date	Revision Details
01	2.8.2021	First Issue

	Name	Signature
Prepared	Ieuan Brooks BSc(Hons), FGS	
Checked	Ruth Howells M.Geol, FGS	
Approved	Gwyn Lake BSc (Hons). PhD, CGeol, FGS	



Executive Summary

Site Location and Proposed Development	<i>The development site is rectangular in shape and locates at Pearson Way, Neath, SA11 2EJ. The site centres on an approximate National Grid Reference of 274640 195700, occupying a plan area of approximately 0.25 Hectares. The proposed development is residential in nature.</i>
Site History	<i>The site has remained as undeveloped land, however it has been the subject of cut and fill exercises.</i>
Geology	<i>The site is underlain by the Hughes Member of the Upper Coal Measures strata of Carboniferous Age. The conjectural outcrop of the Mountain Coal seam is shown close to the west of the site. Due to the topography of the area this seam will underlie the site at shallow depth. No superficial deposits are shown to overlie the solid geology, however residual soils are likely to be present.</i> <i>Significant made ground/reworked materials are likely to overlie the in-situ deposits.</i>
Radon	<i>No radon protective measures are required for new developments on the investigation site.</i>
Coal Mining Risk Assessment	<i>The site situates within the South Wales coal fields. The Coal Authority CONM29M Coal Mining Report states that the property is not within a surface area that could be affected by any past recorded underground coal mining.</i> <i>However, the property is in an area where the Coal Authority believes there is coal at or close to the surface. This coal may have been worked at some time in the past.</i> <i>The seam referred to is the Mountain seam which is estimated to lie between 25m and 45m beneath the site. This seam is thin and intermittent with no historical evidence of it being worked beneath the site. The risk is therefore concluded to be low. This low risk can be negated by the use of appropriate foundations.</i>
Ground Conditions	<i>Ground conditions encountered beneath the accessible part of the site shows potentially re-worked in-situ till deposits of a generally firm and stiff consistency down to 3.7m depth, underlain by in-situ gravely clays (residual soils).</i>
Contamination of Concern	<i>There were no contaminants of concern encountered in the area of the site accessible to the drilling rig.</i>
Ground Gas Risk Assessment	<i>The site has provisionally been characterised as GS2. A final assessment will be given as soon as the full monitoring period is complete.</i>
Foundation Solution	<i>A reinforced concrete raft on 1.0m of recompacted ground is recommended. Depending upon the finished floor slab levels it may be economic to construct a reinforced box construction incorporating an integral reinforced concrete retaining wall and floor slab.</i> <i>In order to negate the low mining risk, the raft should be designed to span a crown hole of 3m with a cantilever effect on corners of 1.5m.</i>
Recommended Further Works	<i>Due to inaccessible nature of areas of the site it is recommended that a supplementary site investigation comprising trial pits excavated using a tracked excavator is used to confirm the ground conditions in these areas.</i>

TABLE OF CONTENTS

SECTION 1 Introduction and Proposed Development	1
1.1 Introduction	1
1.2 Limitations and Exceptions of Investigation	1
1.3 Quality Assurance	2
SECTION 2 Review of Existing Data	3
2.1 Physical Setting and Current Site Use	3
2.2 Site History	4
2.3 Geological Setting	5
2.3.1 Geology	5
2.3.2 Radon	5
2.3.3 Mining	5
2.3.4 Natural Hazards	5
2.4 Environmental Setting	6
2.4.1 Hydrogeology	6
2.4.2 Hydrology	6
2.4.3 Flooding	6
2.4.4 Waste	6
2.4.5 Pollution	6
2.4.6 Sensitive Land Use	6
2.4.7 Measured Urban Soil Chemistry	7
2.4.8 Industrial Land Use	7
2.4.9 Infilled Land	7
SECTION 3 Coal Mining Risk Assessment	8
3.1 Geotechnical Risk	8
3.1.1 Underground Mining	8
3.1.2 Shafts & Adits	9
3.1.3 Conclusion	10
3.2 Geoenvironmental Risk	10
3.2.1 Mine Gas Risk Assessment	10
SECTION 4 Preliminary Human Health and Environmental Risk Assessment	11
4.1 General	11
4.2 Potential Sources of Contamination	11
4.3 Potential Pollution Pathways	11
4.4 Potential Receptors	12
4.5 Preliminary Conceptual Site Model	12
SECTION 5 Field Investigation	14
5.1 Site Works	14
5.2 Ground Conditions	14
5.3 Groundwater	15
5.4 Stability and Obstructions	15
5.5 Installation Well Construction	15
5.6 Laboratory Chemical Testing	15
5.6.1 Sampling Strategy	15
5.6.2 Soil Laboratory Analysis	16
5.7 Soil Property Testing	16
5.7.1 In-situ Permeability Testing	16

SECTION 6 Evaluation of Geoenvironmental Analytical Results	17
6.1 Assessment Methodology	17
6.2 Soil Test Results	17
6.2.1 Inorganics & Miscellaneous	17
6.2.2 Organics	18
6.2.3 Asbestos Testing	19
SECTION 7 Ground Gas Risk Assessment	20
7.1 Gas Risk Characterisation	20
7.1.1 Gas Source	20
7.1.2 Gas Migration Pathways	20
7.1.3 Potential Receptors	20
7.2 Gas Screening Value	20
7.3 Conclusion	21
SECTION 8 Quantitative Risk Assessment	22
8.1 Contaminants of Concern	22
8.2 Mitigation and Remedial Measures	22
8.2.1 Human Health	22
8.2.2 Ground Gas	22
8.2.3 Aquatic Environment	23
SECTION 9 Engineering Recommendations	24
9.1 Preparation of Site	24
9.2 Foundation and Floor Slab Solution	24
9.3 Excavations and Formations	25
9.4 Protection of Buried Concrete	25
9.5 Access Roads and Car Parking Areas	25
9.6 Storm Water Drainage	26
9.7 Retaining Walls	26
Tables	
Table 2.1 Historical Development from Map Information	4
Table 2.2 Detailed Stratigraphical Information	5
Table 2.3 BGS Recorded Mineral Sites	5
Table 2.4 Relevant Contemporary Trade Summary	7
Table 2.5 Potentially Infilled Land	7
Table 3.1 Stratigraphical Sequence	8
Table 4.1 Contamination Sources	11
Table 4.2 Preliminary Conceptual Site Model	13
Table 5.1 Summary of Typical Ground Conditions	14
Table 5.2 Groundwater Summary	15
Table 5.3 Installation Well Summary	15
Table 5.4 Sample Locations, Depths and Targets	15
Table 5.5 Soil Laboratory Analysis	16
Table 5.6 Summary of Soakaway Results	16
Table 6.1 Summary of Soil Chemical Test Results – Inorganics & Miscellaneous	17
Table 6.2 Summary of Soil Chemical Test Results – Speciated Polycyclic Aromatic Hydrocarbons and Phenol	18
Table 6.3 Summary of Soil Chemical Test Results – Petroleum Hydrocarbons	19
Table 7.1 Measured Gas Concentration Summary	20
Table 9.1 Effective Shear Stress Parameters	26

Figures

Figure 2.1 Site Location	3
Figure 3.2 Sheet SS 79 NW Geological Map	9
Figure 3.3 Site levels detail	9

Annexes

ANNEX A Envirocheck Report
ANNEX B Coal Authority Mining Report
ANNEX C Risk Assessment Definitions
ANNEX D Windowless Sampling Logs
ANNEX E Soil Laboratory Chemical Test Results
ANNEX F Gas Monitoring Results

Drawings

Drawing 01 Proposed Site Layout

SECTION 1 Introduction and Proposed Development

1.1 Introduction

Wellspring Property and Investment Limited (the Client) is proposing the development of residential housing at Pearson Way, Neath.

PHG Consulting is the Consulting Civil and Structural Engineer for the development.

Terra Firma (Wales) Limited has been commissioned by PHG Consultant Engineers Ltd on behalf of the Client to undertake a geoenvironmental assessment and geotechnical investigation of the site.

The main objectives of the geoenvironmental assessment programme are:

- Investigate the potential human health and environmental liabilities at the site associated with any contamination
- Provide a summary of the human health and environmental conditions at the site, together with any necessary further intrusive works and / or remediation works to render the site fit for its intended use

The main objectives of the geotechnical site investigation are:

- Investigated the type, strength and bearing characteristics of the shallow superficial and underlying solid geology
- Investigate the risk, if any, from historical shallow underground mining features
- Provide engineering foundation and floor slab recommendations for the proposed development
- Provide infiltration rates and stormwater drainage viability.
- Provide recommendations regarding any other geotechnical aspects pertaining to the development

In order to achieve the above objectives, Terra Firma (Wales) Limited carried out an assessment programme including a review of existing data, followed by a field investigation to collect geotechnical and geoenvironmental data from selected locations.

1.2 Limitations and Exceptions of Investigation

The Client has requested that a Geoenvironmental Site Assessment (GSA) and Geotechnical Investigation (GI) be performed to enable the outlined main objectives.

The GSA and GI were conducted, and this report has been prepared for the sole internal reliance of the Client and their design and construction team. This report shall not be relied upon or transferred to any other parties without the express written authorisation of Terra Firma (Wales) Limited. If an unauthorised third party comes into possession of this report, they rely on it at their peril and the authors owe them no duty of care and skill. The report represents the findings and opinions of experienced geoenvironmental and geotechnical consultants. Terra Firma (Wales) Limited does not provide legal advice and the advice of lawyers may be required.

The subsurface geological profiles, any contamination and other plots are generalised by necessity and have been based on the information found at the locations of the exploratory holes and depths sampled and tested.

The investigation was limited by the steepness of the slope present on the site, restricting access for the window sampler drill rig.

1.3 Quality Assurance

The quality and environmental aspects of the assessment comply with Terra Firma Wales Ltd business management system which is UKAS Accredited to ISO 9001:2015 and ISO 14001:2015 standards.

SECTION 2 Review of Existing Data

2.1 Physical Setting and Current Site Use

The development site is rectangular in shape and locates at Pearson Way, Neath, SA11 2EJ. The site centres on an approximate National Grid Reference of 274640 195700, occupying a plan area of approximately 0.25 Hectares.

The site is currently empty brownfield space. Vegetation covers the whole of the site. The site is a steep slope inclining towards the west.

The northern and southern boundaries of the site are defined by residential housing and their gardens. The eastern boundary of the site is defined by Pearson Way Road. A public footpath is located adjacent to the east of the site.

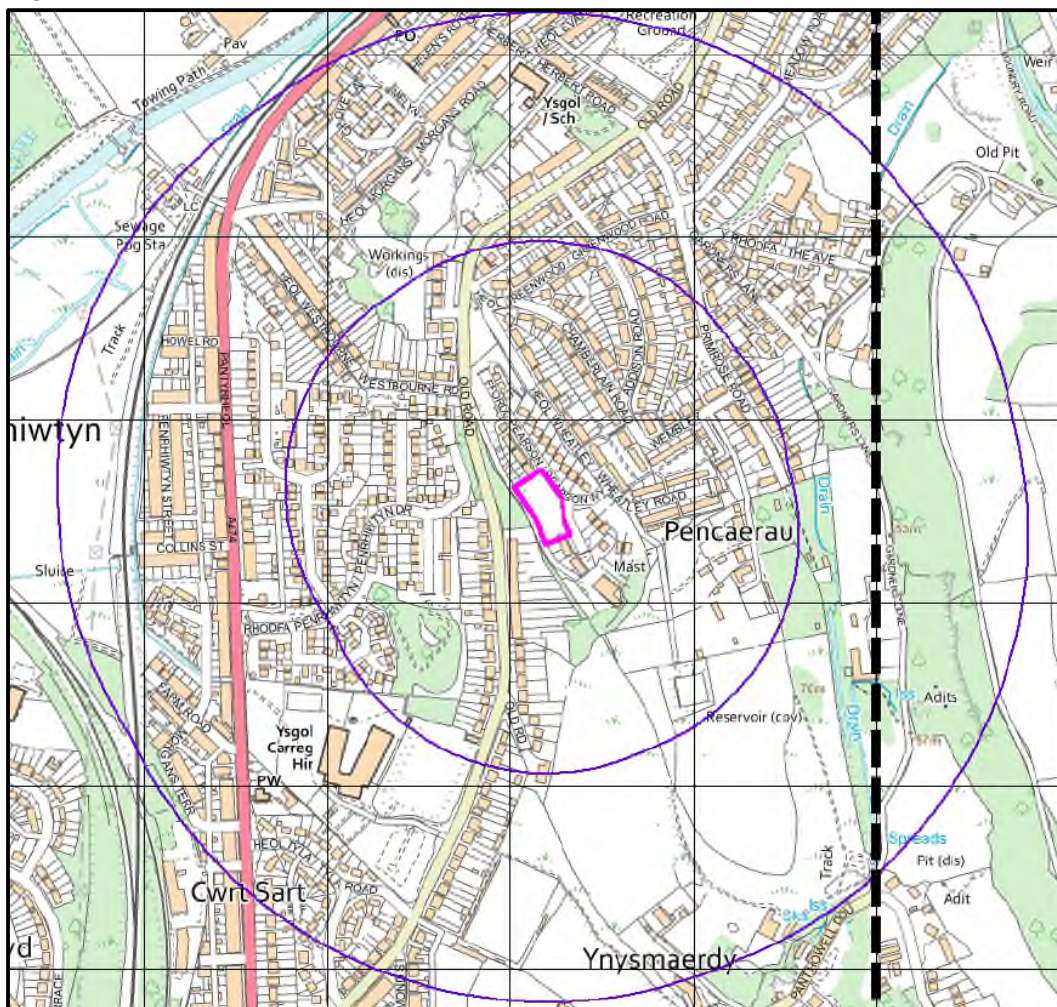
The wider surrounding area is predominantly residential housing with empty greenfield space. The majority of the town centre of Neath is situated north of the site.

The site elevation is approximately 55 to 45m AOD steeply sloping down to the west. A steep drop off is situated in the northwest of the site.

The site location can be seen on

Figure 2.1 along with the proposed site layout on **Drawing 01**.

Figure 2.1 Site Location



2.2 Site History

Historical maps of the site have been obtained in an Envirocheck Report, provided by Landmark Information Group. The history plans are supplied in **Annex A** of this report, and the most relevant editions are summarised in **Table 2.1**. Distances where quoted are approximate, and any changes in-between map editions may not be recorded

Table 2.1 Historical Development from Map Information

Map Edition & Scale	Key Features on Site	Key Features off Site
1878 -1882 1:2500	The site is part of an empty greenfield space. A track runs along the site's western boundary.	The site is surrounded by empty greenfield space. Houses of Mansell Terrace lie nearby to the southeast. An old Quarry is shown 170m north of the site.
1899 1:2500 1900 1:10,000	No significant changes.	More quarrying has taken place to the north. The gardens of Mansell Terrace are becoming more established. In the wider area to the north and west residential and commercial development has occurred.
1918 -1919 1:2500	The formation of a level plateau by a cut and fill exercise has taken place in the south of the site	An old coal level heading in a north easterly direction is shown to be present 150m south of the site. 'New Graded' Infirmary has been constructed to the west.
1935 – 1941 1:2500	No Significant changes are evident.	Significant residential development has occurred in the surrounding area. New Grade Infirmary is now known as Penrhiwtyn Infirmary.
1951 1:1250	The earth to the south of the site has been levelled. A slope is shown in the southern corner of the site and along the western boundary of the site.	Residential houses 50m northeast at Wheatley Road are now present. Further residential and commercial development has occurred in the surrounding area. Penrhiwtyn Infirmary has increased significantly size and is now known as Neath General Hospital.
1958 – 1967 1:1250	Earthworks are shown in the northeast corner of the site. Mapping indicates a level plateau has been constructed but a cut and fill exercise.	No significant changes.
1964:1970 1:2500	No significant changes.	No significant changes.
1979-1989	No significant changes.	Development has occurred at Neath General Hospital to the west of the site.
1993 1:2500 1992 – 1996 1:10,000	No significant changes.	No significant changes.
2006 1:10,000	No significant changes since previous map additions.	The whole of Neath General Hospital has been demolished and this is now an empty space.
2021 1:10,000	The site is shown to be flat and level.	Residential development has occurred in the immediate sounding area. Including adjacent houses north, south and west of Pearsons Way.
Historical Google Earth Satellite Imagery.		
2002 -	The site is empty greenfield space. Evidence of mounds of material is evident at the site and wider field.	
2006	A track runs through the site. The houses west of the site are in development and a cut exercise has taken place into the hill side.	
2013	The houses north of the site are now in development. Earth has been moved and mounded onto the site itself.	
2016	Construction of 3No Houses at the northern end of Pearson Way is nearing completion. Cut earthworks exercises for the garden areas are evident. The site is now a sloping grass field.	

2.3 Geological Setting

2.3.1 Geology

The 1:10,000 scale British Geological Map of the area (SS 79 NW) was consulted for geology underlying the site. The site is shown to be underlain by sandstone rock. Detailed stratigraphical information is provided in **Table 2.2**.

Table 2.2 Detailed Stratigraphical Information

Period	Group	Formation
Carboniferous		Hughes Member – Described as “Green-grey, lithic arenites (“Pennant sandstones”), with thin mudstone/siltstone and seatearth interbeds, and mainly thin coals.”
		The conjectured outcrop of the Mountain Coal Seam is shown to the west of the site. Due to the topography of the area this seam will underlie the site at relatively shallow depth.

Superficial deposits are not recorded at the site.

Made ground is anticipated at the site to an unknown depth in relation to historical earthworks.

2.3.2 Radon

The Envirocheck Report (**Annex A**) details that **NO** radon protective measures are required for new developments on the investigation site.

2.3.3 Mining

The site situates within the South Wales coal fields. The Coal Authority CONM29M Coal Mining Report states that the property is not within a surface area that could be affected by any past recorded underground coal mining.

However, the property is in an area where the Coal Authority believes there is coal at or close to the surface. This coal may have been worked at some time in the past.

There are no recorded coal mine entries known to the Coal Authority within, or within 20m, of the boundary of the property.

The Coal Authority has no record of a mine gas emission requiring action.

Relevant BGS mineral sites as recorded in the Envirocheck Report datasheets (**Annex A**) are summaries in **Table 2.3**.

Table 2.3 BGS Recorded Mineral Sites

Site Name	Distance/ Direction from site	Type	Commodity
Garth-Mor	146m South	Underground	Coal -Deep
Pen-Rhiw-Tyn	172m North	Opencast	Sandstone

The Coal Authority Consultants Coal Mining Report is appended in **Annex C**.

2.3.4 Natural Hazards

All natural hazards within the Envirocheck report are described as a very low hazard or no hazard.

2.4 Environmental Setting

The following sections have been compiled using the Landmark Information Group Envirocheck datasheet and maps which can be found in **Annex A**.

2.4.1 Hydrogeology

The bedrock deposits beneath the site have an aquifer designation of secondary aquifer – A.

Deep groundwater flow within the underlying bedrock will be controlled by the strata dip and any fractures or bedding planes within the rock units.

The hydraulic gradient will be at its steepest during periods of heavy rainfall and aquifer recharge.

The site does not locate within a groundwater source protection zone.

The nearest groundwater abstraction point is located 1989m away and will not be affected by the site.

2.4.2 Hydrology

The nearest surface water feature locates off site, 269m to the east and comprises a drain.

The topography of the site slopes down towards to the west. Surface water is likely to drain in this direction.

2.4.3 Flooding

The site is not at risk from extreme flooding from rivers or sea.

2.4.4 Waste

No Historical or Recorded landfill sites are shown to be situated within 250m of the site

One licensed waste management facility is situated 109m west, situated at Pant Yr Heol, Neath, NPT SA11 and operated by Glan Y Mor NHS Trust. This facility is likely concerning an operation at the old Neath hospital now demolished. The license is surrendered, this should not affect the site.

Two waste Transfer sites are recorded 221m southwest, these are again relating to Neath General Hospital, and will no longer affect the site.

No discharge consents are shown to be situated within 250m of the site.

2.4.5 Pollution

No pollution incidents are recorded to have occurred within 250m radius of the site.

2.4.6 Sensitive Land Use

The site is not located within a sensitive land use area.

2.4.7 Measured Urban Soil Chemistry

The BGS have published measured urban soil chemistry concentrations locally to the site for a number of common contaminants, i.e. arsenic, cadmium, chromium, lead and nickel.

The site is shown to lie within an area where high Arsenic levels are typically encountered. 35-45mg/kg with a Threshold value of 37mg/kg. Arsenic contamination may be present at the site.

All other given determinants have anticipated concentrations that are below the recognised trigger levels for a residential with plant uptake scenario.

2.4.8 Industrial Land Use

Relevant contemporary trade directory entries recorded within proximity of the site are summarised in **Table 2..**

Table 2.4 Relevant Contemporary Trade Summary

Company	Distance/Direction from site	Classification	Status
Neath general Hospital	163	Hospitals	Inactive

2.4.9 Infilled Land

Potentially infilled land features within 250m of the site are summarised in **Table 2..**

Table 2.5 Potentially Infilled Land

Feature	Distance/Direction from site
Infilled Land (Non-Water) Unknown Filled Ground (Pit, quarry etc)	162m South
Infilled Land (Non-Water) Unknown Filled Ground (Pit, quarry etc) – Shown to be relating to the historical sandstone quarry	163m Northwest

However, historical mapping for the site show that infill has taken place historically at the site. Additionally, fill is shown to have been placed on site from recent nearby residential development.

SECTION 3 Coal Mining Risk Assessment

3.1 Geotechnical Risk

3.1.1 Underground Mining

Based upon geological map data, the stratigraphical sequence within 50m of the ground surface of the site is illustrated in

Figure 3.2 Sheet SS 79 NW Geological Map

Figure 3.3 Site levels detail

Table 3.1 Stratigraphical Sequence

Holocene	Residual Soils & Fill	2-6m
South Wales Lower Coal Measures	Coal Bearing Sandstone with occasional Mudstone/Siltstone bands	25-45m
	COAL - "Mountain" primarily two "thin" coal seams.	25-45m

Figure 3.2 Sheet SS 79 NW Geological Map

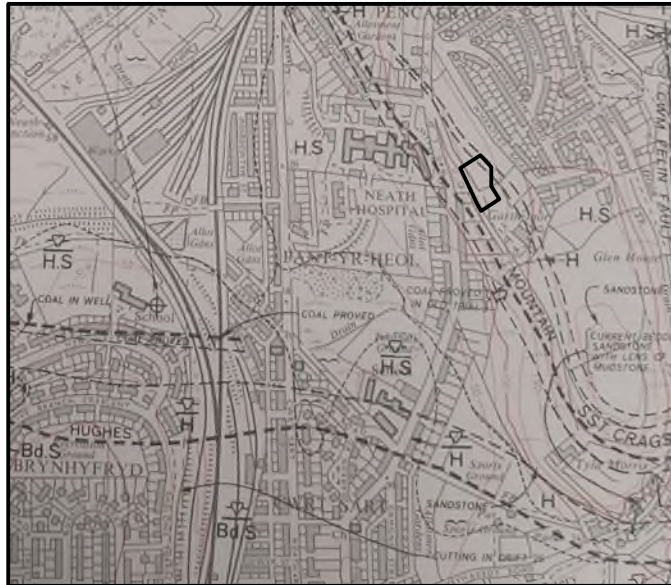


Figure 3.3 Site levels detail



As previously stated, the Coal Authority Report reports that the property is not within a surface area that could be affected by any past recorded underground coal mining. However, the property is in an area where the Coal Authority believes there is coal at or close to the surface. This coal may have been worked at some time in the past.

Geological map evidence indicates that the Mountain coal seam lies approximately 30m to the west. Generally, geology within the area is dipping 15° to the northeast.

Map contours show the mountain coal seam to lie at approximately 125m AOD. Topographically the site drops steeply towards the west and the level of the site is shown to be 150-160m AOD. The coal seam is therefore anticipated to lie 25-to 45m depth below the site.

The mountain coal seam is shown as primarily two thin coal seams.

3.1.2 Shafts & Adits

The Coal Authority Report (presented in **Annex B**) states there are no known mine entries within 20m of the site.

Geological mapping shows that the presence of an 'old coal level' first recorded on the 1918/19 1:2500 OS map, 146m to the south. This level was not recorded on the previous 1899 edition so had a short operating life, an indication of either poor geological conditions or poor quality coal. The recorded rock strata is Hughes Sandstone, a strong and competent rock. It is therefore likely that the old coal level was a trial abandoned due to inferior coal. The geological maps Generalised vertical section shows the Mountain seam to be thin in two leaves and intermittent in nature. The historical maps also show no mining features such as adits or shafts that could have affected the site.

3.1.3 Conclusion

The overall risk to the surface stability of the site from possible unrecorded workings is considered low. This low risk can be negated by the use of an appropriate foundation/floor slab solution as recommended in **Section 9.2**.

3.2 Geoenvironmental Risk

3.2.1 Mine Gas Risk Assessment

Gas monitoring is taking place at the site due to the deep made ground of unknown nature expected at the site. This monitoring will also detect any mine related gases.

SECTION 4 Preliminary Human Health and Environmental Risk Assessment

4.1 General

The preliminary human health and environmental risk assessment is a qualitative evaluation of unacceptable risks to human health or the environment from potential 'contaminated land', based on reviewed information in preceding sections of this report.

For 'contaminated land' to exist as defined in Part 2A of the Environmental Protection Act (EPA) 1990, a Pollutant Linkage needs to be identified. Pollutant linkages are defined by having a valid 'source – pathway – receptor' as established in the preliminary conceptual site model.

For our definitions of pollution linkage and how we define risk please refer to **Annex B** which includes our classifications of consequence and probability, and risk assessment matrix.

4.2 Potential Sources of Contamination

Potential or known sources of contamination associated the sites current and historical land use are summarised in **Table 4.1**.

Table 4.1 Contamination Sources

ID	Source	Contaminant
S1	Made Ground	Potentially metals, hydrocarbons, PAH, asbestos, sulphates
S2	Contaminated Groundwater	
S3	Made ground/infilled land	Carbon dioxide and methane
S4	Possible mine workings beneath the site	Carbon dioxide and methane
S5	Aggressive Ground Conditions	Soil pH and sulphate levels may affect construction concrete

No other significant potential on-site or off-site sources of contamination have been identified during the desk study.

4.3 Potential Pollution Pathways

Potential contaminant pathways associated with a residential with home grown produce land use are as follows.

- P1 – Direct soil ingestion
- P2 – Dermal contact with soil
- P3 – Inhalation and ingestion of soil dust
- P4 – Consumption of home grown produce
- P5 – Dermal contact with groundwater
- P6 – Inhalation of asbestos fibres
- P7 – Horizontal and vertical migration and inhalation of ground gas
- P8 – Horizontal and vertical migration and inhalation of mine gas
- P9 – Absorption of contaminants into potable water pipes
- P10 – Vertical migration of leachates (unsaturated zone)
- P11 – Surface run-off
- P12– Horizontal and vertical migration of contaminants (saturated zone)
- P13 – Direct contact with construction materials

4.4 Potential Receptors

There are human and hydrological receptors to any contamination that may be present on site. Potential receptors include.

- R1 – Construction and maintenance workers
- R2 – Future site users (residents)
- R3 – Passers-by or neighbouring site users
- R4 – Groundwater (aquifer)
- R5 – Surface waters (river/lake)
- R6 – Construction materials (concrete/potable water pipes)

4.5 Preliminary Conceptual Site Model

The preliminary conceptual site model establishes potential pollutant linkages between contaminants (source), pathways and receptors, realised during the preparation of the desk study report. Where a potential pollutant linkage is identified an assessment of risk is subsequently undertaken. The preliminary conceptual site model is tabulated in **Table 4.2**.

Outcomes of the preliminary conceptual site model are used as a basis for the design and implementation of the site investigation, whereby areas of potential contamination can be targeted as well as investigating the wider site.

Findings of the site investigation can in turn be used to develop and refine the conceptual site model.

Table 4.2 Preliminary Conceptual Site Model

Source	Pathway	Receptor	Preliminary Risk Assessment		
			Consequence	Probability	Risk
Human Health					
Made Ground S1	Direct soil and dust ingestion P1 Dermal contact with soil P2 Inhalation and ingestion of dust P3 Dermal contact with groundwater P5 Inhalation of asbestos fibres P6	Construction and maintenance workers R1	Medium	Likely	Medium Risk - COSHH assessment and good level of PPE/ hygiene by site workers/ staff; dust suppression measures if required. Suitably designed site investigation recommended
Made Ground S1	Inhalation and ingestion of dust P3	Passers-by or neighbouring site users R3	Medium	Unlikely	Low Risk - Dust suppression measures if required.
Made Ground S1	Inhalation of asbestos fibres P6	Passers-by or neighbouring site users R3	Medium	Unlikely	Low Risk - Dust suppression measures if required.
Made Ground S1	Direct soil and dust ingestion P1 Dermal contact with soil P2 Inhalation and ingestion of dust P3 Consumption of home grown produce P4	Future site users (residents) R2	Medium	Likely	Medium Risk - Suitably designed site investigation recommended
Made Ground S1	Inhalation of asbestos fibres P6	Future site users (residents) R2	Medium	Likely	Medium Risk - Suitably designed site investigation recommended
Made ground/Infilled Land S3	Migration and inhalation of ground gas P7	Future site users (residents) R2	Severe	Likely	Medium Risk –High volumes of made ground on site evident.- assessed through gas monitoring
Mine Workings S4	Migration and inhalation of mine gas P8	Future site users (residents) R2	Severe	Unlikely	Low Risk – Underground mining unlikely beneath the site. Assessed through gas monitoring
Contaminated Groundwater S2	Dermal contact with groundwater P5	Future site users (residents) R2	Medium	Unlikely	Low Risk
Aggressive ground conditions S5	Direct contract with construction materials	Construction materials (concrete) R7	Mild	Low Likelihood	Low Risk
Aquatic Environment					
Contaminated Soils S1	Vertical migration of leachates (unsaturated zone) P10	Groundwater R4 Surface waters R5	Mild	Low Likelihood	Low Risk
Contaminated Groundwater S2	Surface run-off P11	Surface waters R5			
	Horizontal and vertical migration of contaminants (saturated zone) P12				

SECTION 5 Field Investigation

5.1 Site Works

A geotechnical and geo-environmental site investigation comprising 3No Window Sampling Boreholes was undertaken on the 28th of June 2021.

The fieldwork was supervised by Terra Firma (Wales) Limited, who logged the exploratory holes to the requirements of BS 5930:2015+A1:2020. The proposed locations of the exploratory holes were determined by Terra Firma (Wales) Ltd in general accordance with BS 10175:2011+A2:2017 in order to assess the findings of the preliminary conceptual site model.

The boreholes referenced WS01 to WS03, were formed using a Terrier 2000 rig. Dynamic sampling techniques were employed from surface to produce a continuous disturbed sample.

Standard penetration tests (SPT) were carried out at regular intervals in general accordance with BS1377: Part 9:1990:3.3. SPT results summarised as N values are presented on the borehole log.

Boreholes were monitored for groundwater ingress as drilling proceeded.

Representative disturbed samples were taken and retained in airtight containers for environmental and geotechnical testing.

The borehole logs are presented in **Annex D**.

Exploratory hole locations are shown on **Drawing 01**.

5.2 Ground Conditions

The ground conditions encountered by the exploratory holes can in general be summarised as shown in **Table 5.1**.

Table 5.1 Summary of Typical Ground Conditions

Depth (m)			Thickness (m)	Stratum
0.00	-	0.1-0.2	0.1-0.2	Grass over soft brown very sandy CLAY with fine rootlets.
0.1-0.2	-	1.7-2.0	1.6-1.8	Very stiff occasionally firm brown, orange and blue mottled very Gravelly CLAY . (Made Ground) (Suspected Fill)
1.7-2.0	-	3.7-4.0	2.0-2.2	Firm locally stiff brown very gravelly CLAY or Medium Dense very Clayey sandy GRAVEL . Very wet in places. (Made Ground) (Suspected Fill)
3.7	-	4.0	NA	Very stiff brown gravelly CLAY . (Suspected Hughes Member) BH3 only
Gravels comprised typically angular sandstone with some weak angular mudstone.				

5.3 Groundwater

Groundwater information recorded during the site investigation is summarised in **Table 5.2**.

Table 5.2 Groundwater Summary

Location	Depth (m)	Details
WS02	2.0 - 2.3 3.8 - 4.0	Strata observed wet
WS03	1.7 - 3.7	Strata observed very wet

5.4 Stability and Obstructions

All Boreholes refused at 4m depth.

5.5 Installation Well Construction

Gas well locations were selected on a non-targeted basis to characterise the gas contamination status for the whole length of site.

Groundwater/Gas installation well construction details are summarised in **Table 5.3**.

Table 5.3 Installation Well Summary

Location	Response Zone		Stratum
	From (m)	To (m)	
WS01	4	3	Made Ground / Infill
WS02	4	3	Made Ground / Infill
WS03	3.7	2.7	Made Ground / Infill

5.6 Laboratory Chemical Testing

5.6.1 Sampling Strategy

Soil sampling locations were selected on a non-targeted basis to characterise the contamination status of the accessible site area.

Sample locations, depths and suspected/known contamination source targets are summarised in **Table 5.4**:

Table 5.4 Sample Locations, Depths and Targets

Location	Depth (m)	Contamination Targets
WS01	0.45	S1
WS01	1.5	S1
WS02	0.3	S1
WS03	0.5	S1
WS03	2.5	S1

5.6.2 Soil Laboratory Analysis

During the site investigation works soil samples were taken and despatched to the accredited laboratories of Eurofins Chemtest for laboratory chemical testing. Soil samples were tested for the determinants listed in **Table 5.5**.

Table 5.5 Soil Laboratory Analysis

Metals & Metalloids	In-Organics	Organics	Others
Arsenic	Cyanide	Phenols	pH (acidity)
Cadmium	Sulphate	PAH	Asbestos
Chromium III		Petroleum Hydrocarbons	
Chromium VI			
Copper			
Lead			
Mercury			
Nickel			
Selenium			
Zinc			

The results are discussed in detail in **SECTION 6** and the laboratory test results certificates may be found in **Annex E**.

5.7 Soil Property Testing

5.7.1 In-situ Permeability Testing

During the site investigation three borehole soakaway tests were undertaken in WS01 to WS03 carried out in general accordance with BRE DG 365:2016.

Soakaway test results are summarised in **Table 5..**

Table 5.6 Summary of Soakaway Results

Trial Pit	Infiltration Rate (ms ⁻¹)
WS01	No Movement Observed
WS02	No Movement Observed
WS03	No Movement Observed

The test results are discussed in **SECTION 9.6**.

SECTION 6 Evaluation of Geoenvironmental Analytical Results

6.1 Assessment Methodology

Comparison of the analytical results has been made with the 2015 Suitable 4 Use Levels (S4UL) provided by Land Quality Management (LQM) Limited and the Chartered Institute of Environmental Health (CIEH) or provisional Category 4 Screening Levels (pC4SL).

Sulphate results have been compared to guidelines presented in British Research Establishment (BRE SD1:2015). Sulphate levels need only be considered for buried concrete risk assessment and are not human health related.

6.2 Soil Test Results

A summary of the chemical test results which include the regulatory soil guideline values used in a residential setting with plant uptake are given in the following tables. The complete results can be found in **Annex E**.

6.2.1 Inorganics & Miscellaneous

Five samples were tested for a standard suite of inorganics, pH and organic matter. The summarised results are in **Table 6.1**.

Table 6.1 Summary of Soil Chemical Test Results – Inorganics & Miscellaneous

Substance	Threshold Value (mg/kg)	Source	Measured Concentrations (mg/kg)		Number of Exceedances
			Minimum	Maximum	
Arsenic	37	LQM/CIEH	6.3	19	0
Cadmium	11	LQM/CIEH	0.12	0.4	0
Chromium III	910	LQM/CIEH	12	21	0
Chromium VI	6	LQM/CIEH	< 0.50	< 0.50	0
Copper	2400	LQM/CIEH	22	43	0
Lead	200	pC4SL	17	59	0
Mercury (inorganic)	40	LQM/CIEH	0.07	0.13	0
Nickel	180	LQM/CIEH	30	50	0
Selenium	250	LQM/CIEH	0.27	0.81	0
Zinc	3700	LQM/CIEH	66	160	0
Cyanide	-	-	<0.5	<0.5	-
Boron	290	LQM/CIEH	<0.4	0.42	0
Sulphate (%)	0.24	BRE	<0.01	0.047	0
Organic Matter (%)	-	-	< 0.10	3.4	-
pH	-	-	8.1	8.2	-
Notes:					
- No available guideline					

6.2.2 Organics

Five samples were tested for speciated polycyclic aromatic hydrocarbons. The summarised results are in **Table 6.2**.

Table 6.2 Summary of Soil Chemical Test Results – Speciated Polycyclic Aromatic Hydrocarbons and Phenol

Substance	Threshold Value (mg/kg)	Source	Measured Concentrations (mg/kg)		Number of Exceedances
			Minimum	Maximum	
Naphthalene	2.3	LQM/CIEH	<0.1	<0.1	0
Acenaphthylene	170	LQM/CIEH	<0.1	<0.1	0
Acenaphthene	210	LQM/CIEH	<0.1	<0.1	0
Fluorene	170	LQM/CIEH	<0.1	<0.1	0
Phenanthrene	95	LQM/CIEH	<0.1	<0.1	0
Anthracene	2400	LQM/CIEH	<0.1	<0.1	0
Fluoranthene	280	LQM/CIEH	<0.1	0.2	0
Pyrene	620	LQM/CIEH	<0.1	0.18	0
Benzo(a)anthracene	7.2	LQM/CIEH	<0.1	<0.1	0
Chrysene	15	LQM/CIEH	<0.1	<0.1	0
Benzo(b)fluoranthene	2.6	LQM/CIEH	<0.1	<0.1	0
Benzo(k)fluoranthene	77	LQM/CIEH	<0.1	<0.1	0
Benzo(a)pyrene	2.2	LQM/CIEH	<0.1	<0.1	0
Indeno(123cd)pyrene	27	LQM/CIEH	<0.1	<0.1	0
Dibenzo(ah)anthracene	0.24	LQM/CIEH	<0.1	<0.1	0
Benzo(ghi)perylene	320	LQM/CIEH	<0.1	<0.1	0
Total PAH	-	-	<2.0	<2.0	-
Phenol	120	LQM/CIEH	<0.1	<0.1	0

Notes:

Thresholds based on 1.0% soil organic matter

- No available guidelines

Five samples were tested for petroleum hydrocarbon. The summarised results are shown in **Table 6.3**.

Table 6.3 Summary of Soil Chemical Test Results – Petroleum Hydrocarbons

Substance	Threshold Value (mg/kg)	Source	Measured Concentrations (mg/kg)		Number of Exceedances
			Minimum	Maximum	
Aliphatic					
PH C5 – C6 Ali	42	LQM/CIEH	<1.0	<1.0	0
PH C6 – C8 Ali	100	LQM/CIEH	<1.0	<1.0	0
PH C8 – C10 Ali	27	LQM/CIEH	<1.0	9.1	0
PH C10 – C12 Ali	130	LQM/CIEH	<1.0	<1.0	0
PH C12 – C16 Ali	1100	LQM/CIEH	<1.0	3.7	0
PH C16 – C21 Ali	65000*	LQM/CIEH	<1.0	3.9	0
PH C21 – C35 Ali	65000*	LQM/CIEH	<1.0	26	0
PH C35 – C44 Ali	65000	LQM/CIEH	<1.0	<1.0	0
Aromatic					
PH C5 – C7 Arom	70	LQM/CIEH	<1.0	<1.0	0
PH C7 – C8 Arom	130	LQM/CIEH	<1.0	<1.0	0
PH C8 – C10 Arom	34	LQM/CIEH	<1.0	13	0
PH C10 – C12 Arom	74	LQM/CIEH	<1.0	7.9	0
PH C12 – C16 Arom	140	LQM/CIEH	4.3	15	0
PH C16 – C21 Arom	260	LQM/CIEH	<1.0	15	0
PH C21 – C35 Arom	1100	LQM/CIEH	24	38	0
PH C35 – C44 Arom	1100	LQM/CIEH	<1.0	<1.0	0
Notes: PH – Petroleum Hydrocarbon Ali – Aliphatic Arom – Aromatic Thresholds based on 1.0% soil organic matter * – Ali C16-21 and C21-C35 based on criteria for Ali EC >16-35					

6.2.3 Asbestos Testing

All made ground soil samples were scheduled for asbestos screening. Asbestos was not detected

SECTION 7 Ground Gas Risk Assessment

7.1 Gas Risk Characterisation

7.1.1 Gas Source

Ground gas associated with the decomposition and degradation of thick made ground soils is considered a potential source of carbon dioxide and methane gas at the site.

Shallow mine workings, if present, are also viable source of gas.

7.1.2 Gas Migration Pathways

Made Ground observed at the site contained irregular layers of granular material and will likely have adequate permeability to permit the horizontal and vertical migration of hazardous gasses.

7.1.3 Potential Receptors

Potential receptors are future site residents.

7.2 Gas Screening Value

Two ground gas monitoring wells were installed in WS01 and WS03.

One round of gas monitoring has been carried out to date. The installations were tested for carbon dioxide, methane, oxygen, carbon monoxide and hydrogen sulphide using a Gas Analyser GA2000/5000.

Recorded gas concentrations are summarised in **Table 7.1**.

Table 7.1 Measured Gas Concentration Summary

Gas	Minimum (% V/V)	Maximum (% V/V)
Methane	0	0
Carbon Dioxide	1.1	10.5
Oxygen	7	19.7

Methane levels peaked at 0% V/V. Carbon dioxide levels varied between 1.1% and 10.5% V/V. Oxygen concentrations varied between 7% and 19.7% V/V.

The gas flow rate from the boreholes was also assessed, a maximum flow rate of 0.1/hr was recorded.

Based on a flow rate of 0.1/hr (monitor lower limit of detection) and the highest recorded carbon dioxide concentration 10.5%, a gas screening value of 0.0105l/hr is calculated, as follows:

$$*(10.5/100) \times 0.1 = 0.0105 \text{ l/hr}$$

The results to date are presented in **Annex F**.

7.3 Conclusion

When this monitoring result is compared with Table 8.5 of CIRIA report C665, the site is classified as 'Gas Characteristic Situation 1' (CS1). However, as the peak carbon dioxide concentration has risen above 5%, therefore it is recommended that 'Gas Characteristic Situation 2' (GS2) is applied to the site in line with recommendations provided in CIRIA C665.

Upon completion of the full six rounds of monitoring the recommendation will be reviewed in a letter report and if necessary amended.

SECTION 8 Quantitative Risk Assessment

8.1 Contaminants of Concern

All substances tested for were found to be present at concentrations below their respective human health threshold level.

Mitigation measures to deal with soil contamination is therefore not required.

8.2 Mitigation and Remedial Measures

As stated above mitigation/remedial measures are not required on site to deal with contaminated soils. However, the following general recommendations should be adhered to.

8.2.1 Human Health

As good practice, construction workers should adhere to good site management, COSHH, good standards of hygiene and appropriate health & safety on site, with personal protection equipment (PPE) and dust suppression where appropriate.

All imported soils should be validated as clean and suitable for use in accordance with 'Requirements for the Chemical Testing of Imported Soils for Various End Uses and Validation Cover Systems'.

For proposed new supply water pipes, the UK Water Industry Research publication 'Guidance for the Selection of Water Supply Pipes to be used in Brownfield Sites (Report 10/WM/03/21)' should be consulted.

In accordance with EC Regulation 1272/2008 and Environment Agency Guidance WM3 soils destined for off-site disposal should be classified on the basis of their hazard phrases prior to disposal. Soils are classified as a mirror entry waste and should be classified on the basis of their specific chemical properties.

If during earthworks ground conditions are encountered that are markedly different to those found during the investigation then the ground should be subject to additional sampling and testing and any necessary remedial measures designed and implemented before continuing with the works.

8.2.2 Ground Gas

To mitigate against the risk to future site users from ground gas full protection measures will be required in all structures. Reference should be made to guidance publication BR 211:2015 for further details on required protection elements. Verification of the installed protection measures is highly recommended. Terra Firma Wales Ltd. offer a comprehensive ground gas protection system verification service.

To protect the future site users from identified ground gas, proposed structures will need to incorporate within its construction a suitable ground gas protection system. The ground gas protection system should be designed, verified, installed and validated in accordance with the British Standard 8485:2015+A1:2019 and CIRIA guidance C735:2014. *With respect to volatile organic compounds encountered at the site, ground gas protection elements should be selected based on guidelines presented in CIRIA C748:2014. In addition, NHBC guidance may also need to be adopted depending on the requirements of the proposed development guarantor.

It is recommended that a specialist consultant is retained to prepare a risk assessed ground gas protection system Verification Plan for the proposed development. The Verification Plan

will detail the required protection measures based on the perceived risk associated with the complexity of design, experience of the installer, size of the site and gas characteristic situation. The Verification Plan also details the step-by-step process and requirements to allow for the completion of a Validation Report. Terra Firma (Wales) Ltd offer Verification and Validation services.

Validation of installed ground gas protection systems by an independent third party will be required upon completion of the development. Validation may only be achieved if processes prescribed in the Verification Plan are undertaken.

8.2.3 Aquatic Environment

Site specific mitigation and remedial measures are not required with respect to the aquatic environment.

However, during the construction period, there is a risk to the environment/adjacent sites from de-watering, digging foundations, moving contaminated soil, drainage misconnections, discharges to local surface waters or the ground, runoff from construction materials and/or exposed ground, wheel washings and oil or chemical spills.

The risk is considered to be negligible as any adverse effects will be easily preventable by due diligence to good construction practise and housekeeping in preventing surface runoff and the spillage of materials.

The basic measures that should be taken are as follows:

- Prepare a drainage plan and mark the manholes to prevent pollutants accidentally reaching the surface water sewers;
- Carry out any activities that could cause pollution in a designated, bunded area, away from rivers or boreholes. Where possible it should drain to the foul sewer;
- Use settlement ponds to remove silty water;
- Store all oils and chemicals in a fully bunded area to prevent leaks or spills;
- Get advice on whether you need an environmental permit and apply in good time

SECTION 9 Engineering Recommendations

Due to the uneven nature of the ground, it was not possible to provide a coverage of the site that would normally be required. Therefore, the recommendations in the following sections should be confirmed by further trial pitting with a tracked mechanical excavator.

9.1 Preparation of Site

Areas of vegetation including all roots should be stripped and removed from beneath the proposed development site.

Allowances should be made for any temporary/permanent support works to any existing adjacent structure necessary as a result of the proposed works.

Contingencies should be made for the protection/diversion of any underground/overhead services present beneath/above the site brought about as a result of the proposed works.

Any reduced levels should be brought up to the required levels with suitable inert mainly granular materials. Department of Transport (DTp) type 2 sub-base or similar should be used and compacted in layers to the requirements of the Specification for Highway Works.

Allowances should also be made for the excavation of any soft spots/areas and their replacement with well compacted imported granular materials.

In accordance with EC Regulation 1272/2008 and Environment Agency Guidance WM3 soils and other materials destined for off-site disposal should be classified on the basis of their hazard phrases prior to disposal. Soils are classified as a mirror entry waste and should be classified on the basis of their specific chemical properties. Terra Firma (Wales) Ltd offer this service if required.

9.2 Foundation and Floor Slab Solution

Due to extensive filling of the site from past adjacent developments it is preliminary recommendations are for a reinforced concrete raft type foundation/floor slab solution founded upon 1.0m of recompacted materials is used for the development.

The re-compaction should comprise the excavation of 1.0m of made ground/natural materials to at least 1.0m outside the plan areas of the buildings, the removal of all deleterious materials and the re-compaction in layers of the material to Series 600 of the Specification for Highway Works. The materials should be compacted to within 95% of their optimum moisture content. To this end samples of the materials should be taken and tested in the laboratory in order to determine their optimum moisture content/maximum dry density relationship together with grading analysis. A Compaction Specification can then be prepared.

Should the natural moisture content of the materials be +or- 5% of the optimum moisture content then measures should be taken to either reduce or increase the moisture content as appropriate.

If this is not feasible or after the removal of deleterious materials, there is a shortfall of fill then an appropriate clean source of mainly granular materials should be sought.

Following the above earthworks an allowable bearing pressure of 50kN/m² can be used for design purposes. For the given foundation and allowable bearing pressure following the above earthworks maximum settlements should not exceed 25mm with angular distortions of less than 1:750 will results.

The raft should also be designed to span a crown hole of 3m with a cantilever effect on corners.

In order to protect the formations, from the effect of frost heave and or thermal shrinkage the foundations should be a minimum depth below the finished ground level of 0.9m.

If significant cut excavations are to be carried out for the buildings, it may be economical to construct a box type structure with integral raft and reinforced concrete walls.

Allowances should be made for the removal of any 'soft spots and their replacement with well-compacted granular materials. Department of Transport (DoT) Type 2 materials or similar could be used and should be compacted in layers to the specification for Highway Works.

All foundation formations should be inspected by a suitably qualified Engineer before being concreted.

9.3 Excavations and Formations

Most of the shallow excavations will be possible with normal soil excavating machinery.

Shallow perched water and groundwater flows were not encountered during the investigation. Any water inflows together with rainwater infiltration should be dealt with by conventional pumping techniques. However, it should be noted that during times of heavy rainfall a higher water table will be encountered.

The sides of any excavations deeper than 1.20m, or shallower if unstable, should be supported by planking and strutting or other proprietary means.

The sub-formations/formations are likely to be susceptible to loosening, softening and deterioration by exposure to weather (rain, frost and drying conditions), the action of water (flood water or removal of groundwater) and site traffic.

Formations should never be left unprotected and continuously exposed to rain causing degradation, or left exposed/uncovered overnight, unless permitted by a qualified engineer.

Construction plant and other vehicular traffic should not be operated on unprotected formations.

As a minimum the formation/excavation surfaces must be protected by blinding concrete immediately after exposure.

Allowances should be made for the removal of soft spots/areas and their replacement with well compacted granular materials.

Allowances should also be made for special precautions to prevent formation deterioration in addition to the above.

9.4 Protection of Buried Concrete

When the results are compared with Table C1/C2 of BRE Digest 1:2005, it indicates that buried concrete should generally conform to Class AC-1.

9.5 Access Roads and Car Parking Areas

For car parking and road areas, formations within the made ground a CBR value of 2% may be used for design purposes.

Allowances should be made for the removal of any 'soft spots/areas' and their replacement with well-compacted granular materials as previously described.

Please note that the Local Council / Highways Authority may require in-situ CBR testing to be undertaken before a road is adopted. In-situ CBR Testing should be performed following earthworks to verify the performance of the engineered fill.

9.6 Storm Water Drainage

During the site investigation three falling head permeability soakaway test was undertaken in the boreholes. No movement was observed during the test periods.

It is considered that soakaway storm water draining is unsuitable at the site.

9.7 Retaining Walls

Due to the sloping nature of the site, retaining walls may be required. The existing steepness of any embankments should not be increased. Any cuts should be undertaken in small sections and in such a way so as not to induce any instability to the ground.

Effective shear parameters for retaining wall design are presented in **Table 9.1**.

Table 9.1 Effective Shear Stress Parameters

Stratum Description	Bulk Unit Weight (γ) kN/m ³	Effective Cohesion (c') kN/m ²	Effective Angle of Shearing Resistance (ϕ') degrees
Made Ground and stiff clay	17-19	0	30
Hughes Member Bedrock	19	15	40-50

The parameters are based on experience in similar ground conditions.

The materials to be in-filled behind the retaining wall should be placed at or close to its optimum moisture content/maximum dry density and compacted in layers as per the requirements of the Specification for Highway Works. During the earthworks suitable in-situ testing should be carried out to ensure that the compaction process is achieving the required maximum dry density to achieve at least 95% compaction.

The acceptability of the filling works should be verified by appropriate on-site testing. A certification report should also be prepared on the earthworks by a suitably qualified Geotechnical Engineer.

Appropriate drainage should be incorporated in the design to prevent the build-up of hydrostatic pressure.

Appropriate cutting and benching of the existing slope should be conducted prior to the replacement of any imported fill to minimise the risk of any slip surfaces forming on the interface between the existing imported materials.

**ANNEX A
Envirocheck Report**

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

281040714_1_1

Customer Reference:

16819 - Pearson Way

National Grid Reference:

274640, 195700

Slice:

A

Site Area (Ha):

0.25

Search Buffer (m):

1000

Site Details:

1, Pearson Way

NEATH

SA11 2EJ

Client Details:

Mr I Brookes

Terra Firma (Wales) Ltd

5 Deryn Court

Wharfdale Road

Pentwyn

Cardiff

CF23 7HB

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	35
Hazardous Substances	-
Geological	41
Industrial Land Use	53
Sensitive Land Use	64
Data Currency	66
Data Suppliers	72
Useful Contacts	73

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.

Copyright Notice

© Landmark Information Group Limited 2021. The Copyright on the information and data and its format as contained in this Envirocheck® Report ("Report") is the property of Landmark Information Group Limited ("Landmark") and several other Data Providers, including (but not limited to) Ordnance Survey, British Geological Survey, the Environment Agency/Natural Resources Wales and Natural England, and must not be reproduced in whole or in part by photocopying or any other method. The Report is supplied under Landmark's Terms and Conditions accepted by the Customer. A copy of Landmark's Terms and Conditions can be found with the Index Map for this report. Additional copies of the Report may be obtained from Landmark, subject to Landmark's charges in force from time to time. The Copyright, design rights and any other intellectual rights shall remain the exclusive property of Landmark and /or other Data providers, whose Copyright material has been included in this Report. © Environment Agency & United Kingdom Research and Innovation 2021. © Natural Resources Wales & United Kingdom Research and Innovation 2021.

Natural England Copyright Notice

Site of Special Scientific Interest, National Nature Reserve, Ramsar, Special Protection Area, Special Conservation Area, Marine Nature Reserve data (derived from Ordnance Survey 1:10000 raster) is provided by, and used with the permission of, Natural England who retain the copyright and Intellectual Property Rights for the data.

Scottish Natural Heritage Copyright

Contains SNH information licensed under the Open Government Licence v3.0.

Ove Arup Copyright Notice

The Mining Instability data was obtained on licence from Ove Arup & Partners Limited (for further information, contact mining.review@arup.com). No reproduction or further use of such Data is to be made without the prior written consent of Ove Arup & Partners Limited. The supplied Mining Instability data is derived from publicly available records and other third party sources and neither Ove Arup & Partners nor Landmark warrant the accuracy or completeness of such information or data.

Stantec Copyright Notice

The cavity data presented has been extracted from the PBA (now Stantec UK Ltd) enhanced version of the original DEFRA national cavity databases. Stantec UK Ltd retain the copyright & intellectual property rights in the data. Whilst all reasonable efforts are made to check that the information contained in the cavity databases is accurate we do not warrant that the data is complete or error free. The information is based upon our own researches and those collated from a number of external sources and is continually being augmented and updated by Stantec UK Ltd. In no event shall Stantec UK Ltd or Landmark be liable for any loss or damage including, without limitation, indirect or consequential loss or damage arising from the use of this data.

Radon Potential dataset Copyright Notice

Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England.

Natural Resources Wales Copyright Notice

Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number 100019741. Crown Copyright and Database Right. Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Some features of this information are based on digital spatial data licensed from the Centre for Ecology & Hydrology © NERC (CEH). Defra, Met Office and DARD Rivers Agency © Crown copyright. © Cranfield University. © James Hutton Institute. Contains OS data © Crown copyright and database right 2021. Land & Property Services © Crown copyright and database right.

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 1			2	18
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls	pg 6				4
Integrated Pollution Prevention And Control	pg 7				1
Local Authority Integrated Pollution Prevention And Control	pg 7				1
Local Authority Pollution Prevention and Controls	pg 7				5
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 8			Yes	
Pollution Incidents to Controlled Waters	pg 8			11	10
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances	pg 11		7		
River Quality	pg 12				1
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 12			1	
Water Abstractions	pg 13				(*6)
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			n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				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 14			39	134

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites	pg 35				1
Historical Landfill Sites	pg 35				1
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 35				1
Licensed Waste Management Facilities (Locations)	pg 35		1		2
Local Authority Landfill Coverage	pg 36	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 36				1
Potentially Infilled Land (Non-Water)	pg 36		2	3	9
Potentially Infilled Land (Water)	pg 37			4	19
Registered Landfill Sites					
Registered Waste Transfer Sites	pg 38		2		
Registered Waste Treatment or Disposal Sites	pg 39		1		1
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
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 41	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 41	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 44		2	6	13
BGS Urban Soil Chemistry	pg 48		Yes	Yes	Yes
BGS Urban Soil Chemistry Averages	pg 51	Yes			
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 51	Yes	n/a	n/a	n/a
Mining Instability	pg 51	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 51	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 51		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 51	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 52		Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 52		Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 53		1	1	41
Fuel Station Entries	pg 56				2
Points of Interest - Commercial Services	pg 57		1	1	14
Points of Interest - Education and Health	pg 58		1		
Points of Interest - Manufacturing and Production	pg 58		1	3	21
Points of Interest - Public Infrastructure	pg 60		1	3	25
Points of Interest - Recreational and Environmental	pg 62				7
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	pg 64			5	15
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves	pg 65				1
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: Limited Potential for Groundwater Flooding to Occur	A13SE (NW)	0	1	274637 195704
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (S)	121	1	274600 195550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	232	1	274550 195450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (E)	336	1	275000 195704
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NW (S)	344	1	274500 195350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (SE)	403	1	275000 195450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	423	1	274550 195250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (SW)	436	1	274400 195300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (W)	442	1	274200 195550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	470	1	274750 196200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (E)	485	1	275150 195704
1	Discharge Consents Operator: Mr P Williams Property Type: Undefined Or Other Location: Eaglesbush Neath Authority: Natural Resources Wales Catchment Area: River Neath Reference: Bb4003001 Permit Version: 1 Effective Date: 2nd April 1973 Issued Date: 2nd April 1973 Revocation Date: 13th November 1995 Discharge Type: Unspecified Discharge Environment: Not Supplied Receiving Water: Trib Of Crythan Brook Status: Consent expired Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	371	2	274950 195940
2	Discharge Consents Operator: Mr P E Woodhouse Property Type: Domestic Property (Single) Location: 3 Eaglesbush Cottage Gardners Lane, Gardners Lane Neath* Authority: Natural Resources Wales Catchment Area: River Neath Reference: BM0049001 Permit Version: 1 Effective Date: 15th August 1985 Issued Date: 15th August 1985 Revocation Date: Not Supplied Discharge Type: Unspecified Discharge Environment: Into Land Receiving Water: To Land Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m	A18SE (NE)	405	2	274900 196050

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Staions Location: Penrhiwtyn Ps Eo Neath Npt, Penrhiwtyn, Neath, Neath Port Talbot Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Bo5110401 Permit Version: 2 Effective Date: 1st April 2006 Issued Date: 31st March 2005 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Canal Environment: Receiving Water: Neath Canal Status: Surrendered Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	552	2	274200 196100
3	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Staions Location: Penrhiwtyn Ps Eo Neath Npt, Penrhiwtyn, Neath, Neath Port Talbot Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Bo5110401 Permit Version: 2 Effective Date: 1st April 2006 Issued Date: 31st March 2005 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Canal Environment: Receiving Water: Neath Canal Status: Surrendered Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	552	2	274200 196100
3	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Staions Location: Penrhiwtyn Ps Eo Neath Npt, Penrhiwtyn, Neath, Neath Port Talbot Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Bo5110401 Permit Version: 2 Effective Date: 1st April 2006 Issued Date: 31st March 2005 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Canal Environment: Receiving Water: Neath Canal Status: Surrendered Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	552	2	274200 196100
3	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Staions Location: Penrhiwtyn Ps Eo Neath Npt, Penrhiwtyn, Neath, Neath Port Talbot Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Bo5110401 Permit Version: 2 Effective Date: 1st April 2006 Issued Date: 31st March 2005 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Canal Environment: Receiving Water: Neath Canal Status: Surrendered Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	552	2	274200 196100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Station - Water Company Location: Penrhiwtyn Ps Eo Neath Npt, Penrhiwtyn, Neath, Neath Port Talbot Authority: Natural Resources Wales Catchment Area: Not Given Reference: BO5110401 Permit Version: 1 Effective Date: 19th October 1989 Issued Date: 19th October 1989 Revocation Date: 23rd March 2005 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Neath Canal Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	552	2	274200 196100
4	Discharge Consents Operator: M Davies Property Type: Domestic Property (Single) Location: The Grove Eaglesbush Neath Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: BP0045101 Permit Version: 2 Effective Date: 19th September 1995 Issued Date: 18th September 1995 Revocation Date: Not Supplied Discharge Type: Not Supplied Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Stram At Eaglebush, Ne Status: Effective Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	618	2	275100 196150
4	Discharge Consents Operator: Mr M Davies Property Type: Domestic Property (Single) Location: The Grove Eaglesbush Neath Authority: Natural Resources Wales Catchment Area: River Neath Reference: Bp0045101 Permit Version: 1 Effective Date: 30th April 1987 Issued Date: 30th April 1987 Revocation Date: 18th September 1995 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Unnamed Stram At Eaglebush, Ne Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	618	2	275100 196150
5	Discharge Consents Operator: Carnaud Metal Box Plc Property Type: Undefined Or Other Location: Factory At Canal Side (Cooling Wate, (Cooling Water) Neath Authority: Natural Resources Wales Catchment Area: River Neath Reference: BM0000703 Permit Version: 1 Effective Date: 1st June 1979 Issued Date: 1st June 1979 Revocation Date: 24th June 2005 Discharge Type: Trade Discharges - Cooling Water Discharge: Not Supplied Environment: Receiving Water: Japan Brook Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A18NW (N)	669	2	274500 196400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	Discharge Consents Operator: Carnaud Metal Box Plc Property Type: Undefined Or Other Location: Boiler House (Cooling Water) Factor, Factory Site Neath Authority: Natural Resources Wales Catchment Area: River Neath Reference: Bm0000702 Permit Version: 1 Effective Date: 1st June 1979 Issued Date: 1st June 1979 Revocation Date: 18th November 1992 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Japan Brook Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A18NW (N)	791	2	274400 196500
7	Discharge Consents Operator: Neath Port Talbot Waste Management Co Ltd Property Type: Household, Commercial and Industrial Waste Landfills Location: D3 Ne Corner Giants Grave Landfill, De Ne Corner Giants Grave Lfill, Giants Grave Road, Briton Ferry Neath, Sa11 Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Bp027870101 Permit Version: 1 Effective Date: 9th November 1999 Issued Date: 9th November 1999 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage Discharge: Saline Estuary Environment: Receiving Water: Neath Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A12NW (W)	815	2	273800 195850
7	Discharge Consents Operator: Neath Port Talbot Waste Management Co Ltd Property Type: Not Supplied Location: D3 Ne Corner Giants Grave Landfill, De Ne Corner Giants Grave Lfill, Giants Grave Road, Briton Ferry Neath, Sa11 Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Bp0278701 Permit Version: 1 Effective Date: 9th November 1999 Issued Date: 9th November 1999 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage Discharge: Saline Estuary Environment: Receiving Water: Neath Estuary Status: Effective Positional Accuracy: Located by supplier to within 10m	A12NW (W)	815	2	273800 195850
8	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Station - Water Company Location: Saltings Ps Authority: Natural Resources Wales Catchment Area: Not Given Reference: BO5114701 Permit Version: 1 Effective Date: 19th October 1989 Issued Date: 19th October 1989 Revocation Date: 31st March 2004 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: River Neath Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A12SW (W)	837	2	273800 195500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewage Disposal Works Location: Penrhiwtyn Sps Neath, Neath Port Talbot Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Bp0256001 Permit Version: 2 Effective Date: 31st March 2005 Issued Date: 31st March 2005 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Estuarial Waters Of The River Status: Effective Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	854	2	274024 196350
9	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewage Disposal Works Location: Penrhiwtyn Sps Neath, Neath Port Talbot Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Bp0256001 Permit Version: 2 Effective Date: 31st March 2005 Issued Date: 31st March 2005 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Estuarial Waters Of The River Status: Effective Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	854	2	274024 196350
9	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Penrhiwtyn Sps, Opp 3 Pant Yr Heol, Penrhiwtyn, Neath, Sa11 2hn Authority: Natural Resources Wales Catchment Area: NEATH ESTUARY Reference: Bp0256001 Permit Version: 3 Effective Date: 6th February 2020 Issued Date: 6th February 2020 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Neath Via Surface Water Sewer Status: Effective Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	860	2	274036 196370
9	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Penrhiwtyn Sps, Opp 3 Pant Yr Heol, Penrhiwtyn, Neath, Sa11 2hn Authority: Natural Resources Wales Catchment Area: NEATH ESTUARY Reference: Bp0256001 Permit Version: 3 Effective Date: 6th February 2020 Issued Date: 6th February 2020 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Neath Via Surface Water Sewer Status: Effective Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	860	2	274036 196370

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	Discharge Consents Operator: Carnaud Metal Box Plc Property Type: Trade (Unknown/Other) Location: Advance Factory Site Dafen Llanelli, Dafen, Carmarthenshire Authority: Natural Resources Wales Catchment Area: River Neath Reference: BM0000701 Permit Version: 1 Effective Date: 1st June 1979 Issued Date: 1st June 1979 Revocation Date: 30th May 2008 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Not Supplied Environment: Receiving Water: Japan Brook Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A18NW (N)	918	2	274300 196600
11	Discharge Consents Operator: Welsh Development Agency Property Type: Undefined Or Other Location: Milland Rd Est Milland Road Neath Authority: Natural Resources Wales Catchment Area: River Neath Reference: Bp0036001 Permit Version: 1 Effective Date: 16th March 1987 Issued Date: 16th March 1987 Revocation Date: 10th October 1994 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Cryddan Brook Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A18NW (N)	956	2	274600 196700
12	Integrated Pollution Controls Name: Quasar Chemicals Ltd Location: Millands Road, NEATH, West Glamorgan, SA11 1NJ Authority: Environment Agency, Welsh Region Permit Reference: BD1377 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.2 A (D) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A18NW (N)	902	3	274620 196647
12	Integrated Pollution Controls Name: Quasar Chemicals Ltd Location: Unit 16 And 17, Briton Ferry Industrial Estate, Milland Road, NEATH, West Glamorgan, SA11 1NJ Authority: Environment Agency, Welsh Region Permit Reference: AM1020 Dated: 31st May 1994 Process Type: IPC new application Description: 4.2 A (D) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A18NW (N)	902	3	274615 196647
12	Integrated Pollution Controls Name: Quasar Chemicals Ltd Location: Unit 16 And 17, Briton Ferry Industrial Estate, Milland Road, NEATH, West Glamorgan, SA11 1NJ Authority: Environment Agency, Welsh Region Permit Reference: AR1400 Dated: 13th April 1995 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.2 A (D) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A18NW (N)	907	3	274615 196652

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	Integrated Pollution Controls Name: Quasar Chemicals Ltd Location: Unit 16 And 17, Briton Ferry Industrial Estate, Milland Road, NEATH, West Glamorgan, SA11 1NJ Authority: Environment Agency, Welsh Region Permit Reference: BH3088 Dated: 3rd March 2000 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.2 A (D) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address	A18NW (N)	908	3	274615 196653
13	Integrated Pollution Prevention And Control Name: Baglan Operations Ltd Location: Old Road, Briton Ferry, PORT TALBOT, West Glamorgan, SA11 2S Authority: Environment Agency, Welsh Region Permit Reference: Bj7891 Original Permit Ref: Bj7891 Effective Date: 31st December 2001 Status: Superseded By Variation Application Type: PPC APPLICATION App. Sub Type: Not Supplied Positional Accuracy: Manually positioned to the road within the address or location Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Not Supplied	A8NW (S)	594	3	274403 195119
14	Local Authority Integrated Pollution Prevention And Control Name: Crown Packaging Uk Plc Location: Neath Factory, Po Box 20, Canalside, Neath, SA11 1PQ Authority: Neath Port Talbot County Borough Council, Environmental Health Department Permit Reference: E3/1/104 Dated: Not Supplied Process Type: Production and Processing of Metals Description: SG6 Status: Permit Issued Positional Accuracy: Located by supplier to within 10m	A18SW (NW)	673	4	274329 196345
15	Local Authority Pollution Prevention and Controls Name: Mr H. J. G. Smith Location: Mile End Service Station Location: 188 Mile End Row, Neath, West Glamorgan, SA11 2ED Authority: Neath Port Talbot County Borough Council, Environmental Health Department Permit Reference: E3/1/80 Dated: 26th February 1999 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Manually positioned to the address or location	A18NW (N)	637	4	274596 196381
16	Local Authority Pollution Prevention and Controls Name: Crown Packaging Uk Plc Location: Neath Factory, PO Box 20, Canalside, NEATH, West Glamorgan, SA11 1PQ Authority: Neath Port Talbot County Borough Council, Environmental Health Department Permit Reference: E3/1/104 Dated: 14th September 1993 Process Type: Local Authority Air Pollution Control Description: PG4/1 Processes for the surface treatment of metals Status: Transferred to LAIPPC Positional Accuracy: Located by supplier to within 10m	A18SW (NW)	673	4	274329 196345
17	Local Authority Pollution Prevention and Controls Name: Metal Processors Ltd Location: Griffiths Way, Melyn, NEATH, West Glamorgan, SA11 1BT Authority: Neath Port Talbot County Borough Council, Environmental Health Department Permit Reference: Not Given Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG2/6 Aluminium and aluminium alloy processes Status: Authorisation revoked Positional Accuracy: Manually positioned to the address or location	A18NE (N)	874	4	274714 196615
18	Local Authority Pollution Prevention and Controls Name: Deoxidant Ltd Location: D C Griffiths Way, Melyn, NEATH, West Glamorgan, SA11 1BT Authority: Neath Port Talbot County Borough Council, Environmental Health Department Permit Reference: E3/1/31 Dated: 6th April 1993 Process Type: Local Authority Air Pollution Control Description: PG2/1Furnaces for the extraction of non-ferrous metal from scrap Status: Authorisation revoked Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	922	4	274795 196652

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	Local Authority Pollution Prevention and Controls Name: Ds Smith Packaging Ltd Location: D C Griffiths Way, PO Box 14, Melyn, NEATH, West Glamorgan, SA11 1BT Authority: Neath Port Talbot County Borough Council, Environmental Health Department Permit Reference: E3/1/39 Dated: 6th April 1993 Process Type: Local Authority Air Pollution Control Description: PG6/16 Printworks Status: Authorised Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	924	4	274788 196656
	Nearest Surface Water Feature	A13NE (E)	269	-	274933 195720
19	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Bt Manhole In Authority: Environment Agency, Welsh Region Pollutant: Cesspit Contents Note: Not Supplied Incident Date: 12th August 1994 Incident Reference: 20823 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 1 - Major Incident Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	290	3	274400 195500
20	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Farm Road And, Grandison Pub Authority: Environment Agency, Welsh Region Pollutant: Algae Note: Not Supplied Incident Date: 13th July 1995 Incident Reference: 25165 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SW (W)	307	3	274300 195700
21	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Garage Tended, Fire Service, Has Been Closed Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Blocked Sewer Incident Date: 30th October 1994 Incident Reference: 21651 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NW (W)	315	3	274300 195800
22	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Opposite Neath Hospital, By Footbridge Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Not Supplied Incident Date: 1st December 1994 Incident Reference: 21948 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	377	3	274300 195500
22	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Grandison Park, NEATH Authority: Environment Agency, Welsh Region Pollutant: Sewage - Treated Effluent Note: Not Supplied Incident Date: 7th September 1994 Incident Reference: 21052 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	A13SW (SW)	379	3	274300 195495

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	Pollution Incidents to Controlled Waters Property Type: Cess Pit Location: Adjacent To, Slurry Lagoon Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Neglect Incident Date: 15th January 1996 Incident Reference: 27134 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Overflow Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SW (SE)	378	3	275001 195501
23	Pollution Incidents to Controlled Waters Property Type: Cess Pit Location: Location Description Not Available Authority: Environment Agency, Welsh Region Pollutant: Cesspit Contents Note: Neglect Incident Date: 12th January 1996 Incident Reference: 27135 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Overflow Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SW (SE)	381	3	275001 195496
23	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, Welsh Region Pollutant: Cesspit Contents Note: Neglect Incident Date: 12th January 1996 Incident Reference: 27135 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Overflow Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SW (SE)	383	3	275006 195501
23	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Neglect Incident Date: 15th January 1996 Incident Reference: 27134 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Overflow Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SW (SE)	385	3	275006 195496
24	Pollution Incidents to Controlled Waters Property Type: Road (Lost Load) Location: Maternity, Unit At Neath, General Authority: Environment Agency, Welsh Region Pollutant: Farm Effluent/Slurry Note: Accidental Spillage/Leakage Incident Date: 8th November 1994 Incident Reference: 21770 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Spillage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NE (W)	413	3	274200 195800
25	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Grandison Point Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Not Supplied Incident Date: 21st October 1994 Incident Reference: 21647 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SE (W)	425	3	274200 195600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Pant Howel Ddu, Ynysmaerdy Road, Briton Authority: Environment Agency, Welsh Region Pollutant: Agricultural: Carcasses Note: Not Supplied Incident Date: 27th February 1995 Incident Reference: 23516 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NE (S)	586	3	274800 195100
27	Pollution Incidents to Controlled Waters Property Type: Not Given Location: 100 Yards Upstream Tip Road, Between Mellon And, Briton Ferry Authority: Environment Agency, Welsh Region Pollutant: Miscellaneous - Tip Leachate Note: Neath Canal Overflow; Run-Off Incident Date: 19th November 1997 Incident Reference: 34266 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Inadequate Design/Capacity Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NW (W)	727	3	273900 195900
28	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Rear Of Factory Cottage, Former Siliconics Site, NEATH Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Deliberate Act Incident Date: 16th July 1996 Incident Reference: 29179 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Direct Discharge Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	727	3	275200 196200
29	Pollution Incidents to Controlled Waters Property Type: Road (Lost Load) Location: Pond Up Stream Of, Waterfall Near, Builders Pub Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Deliberate Act Incident Date: 1st December 1994 Incident Reference: 21885 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Direct Discharge Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	794	3	275200 196300
30	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Lane Behind Giants Grave Road, BRITON FERRY Authority: Environment Agency, Welsh Region Pollutant: Sewage - Treated Effluent Note: Blockage Incident Date: 6th April 1997 Incident Reference: 31775 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Overflow Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	816	3	273800 195600
31	Pollution Incidents to Controlled Waters Property Type: Warehouses Location: Millands Road Authority: Environment Agency, Welsh Region Pollutant: Coal Solids Note: Poor Operational Practise Incident Date: 30th April 1992 Incident Reference: 4643 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Leakage Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A18NW (N)	854	3	274350 196550

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
32	Pollution Incidents to Controlled Waters Property Type: Warehouses Location: Dy-Oxydent Co D, C Griffiths Authority: Environment Agency, Welsh Region Pollutant: Light Oil Note: Accidental Spillage/Leakage Incident Date: 7th October 1991 Incident Reference: 4023 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Overflow Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	855	3	274650 196600
33	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Milland Road, NEATH Authority: Environment Agency, Welsh Region Pollutant: Miscellaneous - Fire water / Foam Note: Nant Crythan (Tributary Of River Neath); Direct Introduction Incident Date: 30th July 1997 Incident Reference: 33189 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Accidental Spillage/Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NW (N)	951	3	274600 196695
33	Pollution Incidents to Controlled Waters Property Type: Warehouses Location: Milland Industrial Estate, NEATH Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Vandalism Incident Date: 21st August 1994 Incident Reference: 20744 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NW (N)	956	3	274600 196700
34	Pollution Incidents to Controlled Waters Property Type: Not Given Location: D C Griffith Way, Melin Y Wig Corwen, NEATH Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Accidental Spillage/Leakage Incident Date: 19th February 1996 Incident Reference: 27414 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	958	3	274700 196700
35	Registered Radioactive Substances Name: Abertawe Bro Morgannwg University Nhs Trust Location: Neath General Hospital, Penrhiwtyn, NEATH, West Glamorgan, SA11 2LQ Authority: Natural Resources Wales Permit Reference: AQ6813 Dated: 4th April 1995 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Unknown	A13NW (W)	159	2	274450 195754
35	Registered Radioactive Substances Name: Abertawe Bro Morgannwg University Nhs Trust Location: Neath General Hospital, Penrhiwtyn, NEATH, West Glamorgan, SA11 2LQ Authority: Natural Resources Wales Permit Reference: AT7545 Dated: 3rd January 1996 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Unknown	A13NW (W)	160	2	274450 195759

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	Registered Radioactive Substances Name: Abertawe Bro Morgannwg University Nhs Trust Location: Penrhiwtyn, Neath, West Glamorgan, SA11 2LQ Authority: Natural Resources Wales Permit Reference: BI0987 Dated: 31st July 2001 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA Status: Authorisation either revoked or cancelled Positional Accuracy: Automatically positioned to the address	A13NW (W)	163	2	274445 195754
35	Registered Radioactive Substances Name: Abertawe Bro Morgannwg University Nhs Trust Location: Neath General Hospital, NEATH, West Glamorgan, SA11 2LQ Authority: Natural Resources Wales Permit Reference: Bh9957 Dated: 16th March 2000 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A13NW (W)	163	2	274445 195754
35	Registered Radioactive Substances Name: Abertawe Bro Morgannwg University Nhs Trust Location: Neath General Hospital, Penrhiwtyn, NEATH, West Glamorgan, SA11 2LQ Authority: Natural Resources Wales Permit Reference: AH7704 Dated: 14th July 1993 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Unknown	A13NW (W)	163	2	274445 195754
35	Registered Radioactive Substances Name: Bro Morgannwg Nhs Trust Location: Penrhiwtyn, Neath, West Glamorgan, SA11 2LQ Authority: Environment Agency, Welsh Region Permit Reference: Bt1797 Dated: Not Supplied Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Substantial variation to authorisation under RSA Status: Application has met the requirements for authorisation (but not yet authorised) Positional Accuracy: Automatically positioned to the address	A13NW (W)	163	3	274445 195754
35	Registered Radioactive Substances Name: Abertawe Bro Morgannwg University Nhs Trust Location: Neath General Hospital, NEATH, West Glamorgan, SA11 2LQ Authority: Natural Resources Wales Permit Reference: AY1072 Dated: 28th February 1997 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Unknown	A13NW (W)	168	2	274440 195754
	River Quality Name: Neath Canal GQA Grade: River Quality D Reach: Conf.Neath - Aberdulais Aqueduct Estimated Distance (km): 8 Flow Rate: Flow greater than 80 cumecs Flow Type: Canal Year: 2000	A17NE (NW)	932	3	274199 196569
36	Substantiated Pollution Incident Register Authority: Natural Resources Wales Incident Date: 28th October 2001 Incident Reference: 39936 Water Impact: Category 2 - Significant Incident Air Impact: Category 3 - Minor Incident Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Oils - Diesel (Including Agricultural)	A12NE (W)	395	2	274213 195770

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Hope Cement Limited Licence Number: Wa/058/0072/0009 Permit Version: Not Supplied Location: Neath Canal - Hope Cement, Wharf Road, Briton Ferry, Neath, Neath Port Talbot, Sa11 2lp Authority: Natural Resources Wales Abstraction: Mineral Products: General Use (Medium Loss) 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	A1SE (SW)	1989	2	273419 194094
	Water Abstractions Operator: Tarmac Trading Limited Licence Number: Wa/058/0072/0009 Permit Version: Not Supplied Location: Neath Canal - Neath, Wharf Road, Briton Ferry, Neath, Neath Port Talbot, Sa11 2lp Authority: Natural Resources Wales Abstraction: Mineral Products: General Use (Medium Loss) 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	A1SE (SW)	1989	2	273419 194094
	Water Abstractions Operator: Hope Construction Materials Limited Licence Number: 21/58/72/0036 Permit Version: 3 Location: Inland Water The Neath Canal Authority: Natural Resources Wales Abstraction: Mineral Products: General Use (Medium Loss) 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: 9th December 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A1SE (SW)	1997	2	273410 194090
	Water Abstractions Operator: Lafarge Spv Limited Licence Number: 21/58/72/0036 Permit Version: 2 Location: Inland Water The Neath Canal Authority: Natural Resources Wales Abstraction: Mineral Products: General Use (Medium Loss) 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: 27th November 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A1SE (SW)	1997	2	273410 194090

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Lafarge Aggregates Limited Licence Number: 21/58/72/0036 Permit Version: 1 Location: Inland Water The Neath Canal Authority: Environment Agency, Welsh Region Abstraction: Mineral Products: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 3rd February 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A1SE (SW)	1997	3	273410 194090
	Water Abstractions Operator: Hope Construction Materials Limited Licence Number: 21/58/72/0036 Permit Version: Not Supplied Location: Neath Canal - General Use Authority: Natural Resources Wales Abstraction: Mineral Products: General Use (Medium Loss) 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	A1SE (SW)	1997	2	273410 194090
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: <40% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: No Data	A13SE (NW)	0	2	274637 195704
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SE (NW)	0	2	274637 195704
	Superficial Aquifer Designations No Data Available				
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 221.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A13NE (E)	269	5	274929 195746

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A13SE (E)	282	5	274946 195657
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A13SE (E)	286	5	274950 195655
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A13SE (E)	288	5	274952 195653
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A13SE (E)	294	5	274948 195594
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A13SE (E)	294	5	274948 195595
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A13SE (E)	295	5	274948 195591
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 142.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A13SE (E)	298	5	274949 195584
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A13SE (E)	298	5	274953 195597
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 91.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A13SE (E)	302	5	274958 195603

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 201.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A13NE (NE)	303	5	274917 195867
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 674.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A13SW (SW)	330	5	274426 195411
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A13SE (SE)	347	5	274972 195513
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 86.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SW (SE)	348	5	274973 195513
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 2	A14SW (SE)	348	5	274973 195513
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 161.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 2	A13SE (SE)	349	5	274972 195509
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12SE (SW)	386	5	274283 195514
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12SE (SW)	395	5	274271 195516
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 147.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12SE (SW)	400	5	274262 195521

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 400.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NE (W)	414	5	274192 195738
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12SE (W)	425	5	274190 195637
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12SE (W)	429	5	274186 195637
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12SE (W)	440	5	274175 195638
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NE (NW)	449	5	274271 196024
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 42.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 2	A9NW (SE)	464	5	274997 195350
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NE (NW)	471	5	274187 195939
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 66.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17SE (NW)	476	5	274262 196054
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12SE (W)	477	5	274138 195635

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 162.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A19SW (NE)	477	5	274998 196052
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 87.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12SE (W)	484	5	274131 195635
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 2	A9NW (SE)	491	5	274997 195313
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 189.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NE (NW)	492	5	274168 195950
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 146.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NE (NW)	492	5	274168 195950
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17SE (NW)	492	5	274298 196109
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 123.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17SE (NW)	492	5	274298 196109
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 60.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 2	A8NE (SE)	495	5	274963 195279
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 2	A9NW (SE)	495	5	274995 195306

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 39.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 2	A8NE (SE)	496	5	274939 195261
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17SE (NW)	498	5	274287 196107
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NE (SE)	506	5	274968 195269
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NE (SE)	511	5	274966 195261
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 121.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 2	A8NE (SE)	522	5	274944 195234
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 121.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A18SW (NW)	524	5	274378 196202
80	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 2005.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Neath Canal Catchment Name: Neath Primacy: 1	A18SW (NW)	538	5	274345 196200
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17SE (NW)	557	5	274183 196088
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12SE (W)	571	5	274044 195627

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 2	A8NE (S)	571	5	274867 195140
84	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NE (S)	576	5	274834 195122
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 32.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NE (S)	576	5	274834 195122
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 284.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NE (NW)	577	5	274118 196033
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 135.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NE (W)	591	5	274025 195835
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NE (S)	605	5	274857 195099
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 125.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NE (SE)	605	5	274943 195137
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12SE (W)	606	5	274008 195625
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12SE (W)	609	5	274005 195625

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 628.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12SE (W)	613	5	274002 195624
93	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A9NW (SE)	630	5	274987 195133
94	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A19SW (NE)	631	5	275079 196190
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 55.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A9NW (SE)	634	5	275006 195141
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 56.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A19SW (NE)	645	5	275092 196198
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 99.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Crythan Brook Catchment Name: Neath Primacy: 1	A19SW (NE)	668	5	275209 196089
98	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 278.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Crythan Brook Catchment Name: Neath Primacy: 1	A19SW (NE)	671	5	275224 196072
99	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 173.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A9NW (SE)	673	5	275058 195128
100	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A19SW (NE)	673	5	275170 196152

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
101	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 66.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Cryddan Brook Catchment Name: Neath Primacy: 1	A19SW (NE)	673	5	275170 196152
102	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 64.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A19SW (NE)	695	5	275232 196103
103	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A19SW (NE)	695	5	275146 196213
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 190.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Cryddan Brook Catchment Name: Neath Primacy: 1	A19SW (NE)	697	5	275149 196214
105	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 76.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A19SW (NE)	715	5	275213 196163
106	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 202.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A18NW (N)	722	5	274421 196435
107	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 151.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8SE (S)	736	5	274723 194933
108	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 93.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8SE (S)	736	5	274723 194933
109	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8SE (S)	750	5	274816 194935

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
110	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 124.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8SE (S)	751	5	274724 194918
111	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 171.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NW (W)	752	5	273871 195883
112	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 42.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8SE (S)	758	5	274818 194928
113	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 144.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Cryddan Brook Catchment Name: Neath Primacy: 1	A18NE (N)	763	5	274750 196498
114	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 42.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8SW (S)	764	5	274579 194902
115	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8SW (S)	764	5	274579 194902
116	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8SW (S)	775	5	274597 194890
117	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 40.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8SE (S)	779	5	274859 194917
118	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8SW (S)	781	5	274541 194889

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
119	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.7 Watercourse Level: Underground Permanent: True Watercourse Name: Cryddan Brook Catchment Name: Neath Primacy: 1	A18NE (N)	786	5	274717 196526
120	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8SW (S)	791	5	274532 194880
121	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.9 Watercourse Level: Underground Permanent: True Watercourse Name: Cryddan Brook Catchment Name: Neath Primacy: 1	A19NW (NE)	799	5	275106 196389
122	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Cryddan Brook Catchment Name: Neath Primacy: 1	A19NW (NE)	799	5	275085 196404
123	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.3 Watercourse Level: Underground Permanent: True Watercourse Name: Cryddan Brook Catchment Name: Neath Primacy: 1	A19NW (NE)	801	5	275074 196413
124	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 130.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Cryddan Brook Catchment Name: Neath Primacy: 1	A18NE (N)	802	5	274706 196543
125	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 23.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8SE (S)	802	5	274896 194904
126	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 111.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Cryddan Brook Catchment Name: Neath Primacy: 1	A19NW (NE)	811	5	275060 196434
127	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 26.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8SW (S)	816	5	274531 194856

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
128	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 496.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Crythan Brook Catchment Name: Neath Primacy: 1	A14NE (E)	818	5	275446 195928
129	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A9NW (SE)	819	5	275207 195061
130	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 92.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8SE (S)	822	5	274914 194890
131	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 45.4 Watercourse Level: Underground Permanent: True Watercourse Name: Cryddan Brook Catchment Name: Neath Primacy: 1	A18NE (N)	822	5	274836 196542
132	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 111.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Cryddan Brook Catchment Name: Neath Primacy: 1	A18NE (N)	831	5	274881 196537
133	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 555.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NW (W)	834	5	273777 195811
134	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 23.1 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8SW (S)	837	5	274512 194837
135	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.6 Watercourse Level: Underground Permanent: True Watercourse Name: Cryddan Brook Catchment Name: Neath Primacy: 1	A19NW (NE)	848	5	274988 196515
136	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 69.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A9NW (SE)	852	5	275223 195031

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
137	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A9NW (SE)	852	5	275223 195031
138	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 77.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8SW (S)	854	5	274495 194822
139	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 167.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A9NW (SE)	860	5	275237 195032
140	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A9NW (SE)	860	5	275237 195032
141	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 54.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17NE (NW)	879	5	274051 196407
142	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 215.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17SW (NW)	890	5	273955 196331
143	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: Neath Primacy: 1	A17NE (NW)	891	5	274097 196457
144	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 65.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17SW (NW)	892	5	273946 196327
145	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 41.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17NE (NW)	894	5	274061 196434

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
146	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 74.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17NE (NW)	896	5	274041 196421
147	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 73.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17NE (NW)	897	5	274093 196461
148	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17NE (NW)	897	5	274093 196461
149	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 69.9 Watercourse Level: Underground Permanent: True Watercourse Name: Cryddan Brook Catchment Name: Neath Primacy: 1	A18NE (N)	900	5	274700 196643
150	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 62.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17NE (NW)	905	5	274149 196509
151	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 45.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17NE (NW)	907	5	274159 196518
152	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17SW (NW)	908	5	273847 196223
153	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 66.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NW (W)	908	5	273738 195992
154	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17NE (NW)	909	5	274097 196479

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
155	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8SE (S)	910	5	274955 194811
156	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8SE (S)	910	5	274955 194811
157	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 184.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17SW (NW)	914	5	273871 196268
158	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 31.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17NE (NW)	917	5	274186 196545
159	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 90.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A9SW (SE)	918	5	275255 194971
160	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A9SW (SE)	918	5	275258 194974
161	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17SW (NW)	919	5	273837 196229
162	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 14.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A18NW (N)	919	5	274323 196610
163	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8SW (S)	919	5	274442 194767

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
164	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 30.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17NE (NW)	920	5	274111 196502
165	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 49.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8SE (S)	922	5	274969 194803
166	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8SE (S)	922	5	274969 194803
167	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17NE (NW)	923	5	274089 196490
168	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17NE (NW)	925	5	274074 196482
169	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17NE (NW)	925	5	274075 196482
170	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17NE (NW)	925	5	274074 196482
171	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 57.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17NE (NW)	926	5	274050 196466
172	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17NE (NW)	927	5	274176 196551

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
173	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17NE (NW)	928	5	274194 196562
174	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 101.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17SW (W)	929	5	273733 196043
175	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A9SW (SE)	932	5	275264 194961
176	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 26.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A9SW (SE)	932	5	275264 194961
177	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 41.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8SW (S)	932	5	274437 194755
178	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A18NW (N)	933	5	274318 196623
179	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 215.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8SE (S)	942	5	274954 194776
180	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 92.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17SW (NW)	946	5	273898 196353
181	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A18NW (N)	947	5	274315 196636

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
182	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 29.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17NW (NW)	952	5	273917 196383
183	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 45.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A9SW (S)	957	5	275013 194783
184	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 310.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 2	A17SW (NW)	958	5	273769 196191
185	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A18NW (N)	958	5	274310 196646
186	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17NE (NW)	959	5	274022 196485
187	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 18.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A9NE (SE)	960	5	275381 195035
188	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17NE (NW)	964	5	274019 196490
189	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A18NW (N)	965	5	274310 196654
190	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 83.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A9NE (SE)	967	5	275397 195043

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
191	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 175.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Cryddan Brook Catchment Name: Neath Primacy: 1	A18NE (N)	969	5	274690 196712
192	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 590.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8SW (S)	970	5	274412 194721
193	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 98.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A9NE (SE)	970	5	275463 195122
194	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A18NW (N)	974	5	274303 196661
195	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 192.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A9NE (SE)	975	5	275453 195100
196	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 47.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A18NW (N)	977	5	274302 196663
197	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 62.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17NW (NW)	978	5	273891 196392
198	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17NW (NW)	981	5	273893 196399
199	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 16.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A9SW (SE)	986	5	275279 194903

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
200	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17NW (NW)	987	5	273893 196407
201	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 148.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17NW (NW)	987	5	273893 196407
202	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 14.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17SW (NW)	989	5	273716 196156
203	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 69.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17SW (NW)	989	5	273716 196159
204	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 29.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17NE (NW)	991	5	274007 196515
205	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 36.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17NW (NW)	992	5	273888 196411
206	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 78.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 2	A17SW (NW)	993	5	273736 196205
207	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A17SW (NW)	998	5	273844 196370
208	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 78.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A9SW (S)	999	5	275027 194743

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
209	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 31.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A9SW (S)	999	5	275027 194743

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
210	BGS Recorded Landfill Sites Site Name: Giants Grave Tip Location: Briton Ferry, NEATH, Glam Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate	A12NW (W)	796	-	273816 195827
211	Historical Landfill Sites Licence Holder: Neath Borough Council Location: Briton Ferry, Neath, Glamorgan Name: Giants Grave Tip Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD31231 First Input Date: 30th June 1962 Last Input Date: 31st March 1993 Specified Waste Type: Deposited Waste included Inert, Industrial, Commercial, Household and Special Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6930/0006 BGS Ref: 2676 Other Ref: SWW-68-L	A12NW (W)	796	2	273816 195827
212	Licensed Waste Management Facilities (Landfill Boundaries) Name: Giants Grave Landfill Licence Number: 34060 Location: The Saltings, Giants Grave Road, Briton Ferry, Neath, N P T, SA11 2LN Licence Holder: Neath Port Talbot Waste Management Co Ltd Authority: Natural Resources Wales Site Category: Other Landfill Sites Taking Special Waste Max Input Rate: Not Supplied Licence Status: Closure Issued: 1st April 1993 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A12NW (W)	800	2	273812 195831
213	Licensed Waste Management Facilities (Locations) Licence Number: 34102 Location: Pant Yr Heol, Neath, N P T, SA11 2LQ Operator Name: Glan Y Mor NHS Trust Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Clinical Waste Transfer Stations Licence Status: Surrendered Issued: 8th July 1994 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 7th December 2001 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SW (W)	109	2	274500 195700
214	Licensed Waste Management Facilities (Locations) Licence Number: PP3098FS Location: Fordpad Scrap, Neath, N P T, Neath Port Talbot, SA11 1AU Operator Name: Fordpad Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Metal Recycling Sites (Mixed) Licence Status: Effective Issued: 2nd January 1993 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	A18NE (N)	885	2	274765 196620

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
214	Licensed Waste Management Facilities (Locations) Licence Number: 34035 Location: Foundry Works, D C Griffiths Way, Neath, SA11 1AU Operator Name: Fordpad Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Metal Recycling Sites (Mixed) Licence Status: Modified Issued: 2nd February 1992 Last Modified: 22nd February 2002 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18NE (N)	885	2	274765 196620
	Local Authority Landfill Coverage Name: Neath Port Talbot County Borough Council - Has supplied landfill data		0	4	274637 195704
215	Local Authority Recorded Landfill Sites Location: Landfill - Neath 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: Positioned by the supplier Boundary Quality: Moderate	A12NW (W)	794	4	273819 195832
216	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A13SE (S)	162	-	274693 195511
217	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A13NW (NW)	163	-	274556 195888
218	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A14SW (SE)	395	-	275011 195484
219	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A18SE (N)	399	-	274797 196108
220	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A18SE (N)	488	-	274824 196193
221	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A18SE (N)	534	-	274722 196271
222	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A18SW (NW)	557	-	274397 196249
223	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A9NW (SE)	561	-	275085 195302
224	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A19SW (NE)	591	-	275134 196062
225	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A9NW (SE)	678	-	274986 195077

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
226	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A17SE (NW)	741	-	274223 196361
227	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A9NW (SE)	786	-	275238 195136
228	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A18NE (N)	912	-	274806 196640
229	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A18NE (N)	955	-	274686 196698
230	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1940	A13SW (SW)	290	-	274385 195525
231	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A13SW (SW)	306	-	274381 195499
232	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A8NW (S)	449	-	274533 195228
233	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1940	A12NE (NW)	484	-	274174 195944
234	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A12SE (W)	509	-	274117 195584
235	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1940	A12SE (W)	528	-	274091 195606
236	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1940	A18SW (NW)	559	-	274384 196245
237	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1884	A12NE (W)	567	-	274046 195820
238	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1940	A12SE (W)	608	-	274008 195617
239	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1884	A18SW (N)	662	-	274395 196362
240	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A18NW (N)	717	-	274392 196420
241	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1940	A12SW (W)	753	-	273860 195625
242	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1884	A12SW (W)	768	-	273845 195621
243	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A17NE (NW)	776	-	274187 196379
244	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1884	A18NW (N)	822	-	274311 196501
245	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1935	A18NE (N)	833	-	274898 196535

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
246	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A8SE (S)	837	-	274897 194868
247	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1940	A18NW (N)	853	-	274381 196560
248	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1940	A12NW (W)	857	-	273759 195859
249	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A12SW (W)	865	-	273757 195562
250	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A18NW (N)	923	-	274496 196657
251	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1940	A12SW (W)	923	-	273692 195596
252	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A18NW (N)	969	-	274437 196694
253	Registered Waste Transfer Sites Licence Holder: Glan-Y-Mor Nhs Trust Licence Reference: NBWD 3 Site Location: Neath General Hospital, Pant Yr Heol, NEATH, West Glamorgan, SA11 2LQ Operator Location: 21 Orchard Street, SWANSEA, West Glamorgan, SA1 5AQ Authority: Environment Agency Wales, South West Area Site Category: Transfer Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: Waste produced/controlled by licence holder Restrictions: Licence Status: Operational as far as is knownOperational Dated: 24th September 1996 Preceded By: NBWD 3 Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the road within the address or location Boundary Quality: Not Supplied Authorised Waste: Clinical Waste Max.Stor Food Waste Max.Stor Household Waste Max.Stor Pharmaceuticals Max.Stor Prohibited Waste: Highly Flam./Lpg Regs'72 Subs Percussive/Explosive/Similar Waste Special Wastes (As In '96 Regs) N.O.S Sub'S Control. Radioactive Subs Act'60 Waste N.O.S.	A13SW (SW)	221	3	274450 195550

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
253	Registered Waste Transfer Sites Licence Holder: West Glamorgan Health Authority Licence Reference: NBWD 3 Site Location: Neath General Hospital, Pant Yr Heol, NEATH, West Glamorgan, SA11 2LQ Operator Location: 36 Orchard Street, SWANSEA, West Glamorgan, SA1 5AQ Authority: Environment Agency Wales, South West Area Site Category: Transfer Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Record supersededSuperseded Dated: 8th July 1994 Preceded By: 12/88 Licence: Superseded By: NBWD 3 Licence: Positional Accuracy: Manually positioned to the road within the address or location Boundary Quality: Not Supplied Authorised Waste: Clinical Wastes Food Waste Gen.Hosp'Waste/Bottle/Aerosol Max.Stor Pharmaceuticals Radioactive Cont.Glassware/Syringe/Etc Sharps Prohibited Waste: Highly Flam./Lpg Regs'72 Subs Percussive/Explosive/Similar Waste Special Wastes N.O.S. Sub'S Control. Radioactive Subs Act'60 Waste N.O.S.	A13SW (SW)	221	3	274450 195550
254	Registered Waste Treatment or Disposal Sites Licence Holder: West Glamorgan Area Health Authority Licence Reference: 12/88 Site Location: Adj Outpatient Dept, Main Hospital Site, Neath, West Glamorgan Operator Location: 36 Orchard Street, SWANSEA, West Glamorgan, SA1 5AQ Authority: Environment Agency Wales, South West Area Site Category: Incineration Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Licence Status: Record supersededSuperseded Dated: 1st June 1988 Preceded By: Not Given Licence: Superseded By: NBWD 3 Licence: Positional Accuracy: Manually positioned to the road within the address or location Boundary Quality: Not Supplied Authorised Waste: Hospital Wastes Pathology Wastes Suitable For Inc'N Sharps (Med./Surg./Vet) Soiled Surgical Dress./Swaps/Cont.Wast Solid Medicines & Injectables Prohibited Waste: Broken Thermometers Contain. Mercury Pharmaceutical Aerosols	A13SW (SW)	221	3	274450 195550

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
255	Registered Waste Treatment or Disposal Sites Licence Holder: Fordpad Ltd Licence Reference: NBSC 1 Site Location: Foundry Works, D C Griffiths Way, NEATH, West Glamorgan, SA11 1AU Operator Location: Abernant House, Altygraban Road, Pontarddulais, SWANSEA, West Glamorgan, SA4 1DS Authority: Environment Agency Wales, South West Area Site Category: Scrapyard Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 19th December 1991 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Batteries Max.Stor Electrical Scrap Max.Stor Ferrous Metal Scrap Max.Stor Non-Ferrous Metal Scrap Max.Stor Prohibited Waste: Elemental Sodium/Potassium Metal In Fine Powder Form Percussive/Explosive/Similar Waste Special Wastes N.O.S. Sub'S Control. Radioactive Subs Act'60 Waste Cont. Flam.Solvent (Exc.Petrol) Waste N.O.S.	A18NE (N)	888	3	274780 196620

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: South Wales Upper Coal Measures Formation	A13SE (NW)	0	1	274637 195704
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SE (NW)	0	1	274637 195704
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SW (SW)	218	1	274471 195523
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 45 - 60 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (NE)	223	1	274830 195854
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 45 - 60 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (N)	255	1	274637 196000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SW (SW)	262	1	274517 195432
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13NE (E)	298	1	274960 195727

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8NW (S)	360	1	274517 195326
	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:	A8NE (S)	424	1	274695 195244
	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:	A14NW (E)	428	1	275088 195741
	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:	A8NW (SW)	448	1	274306 195365
	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:	A18SE (NE)	449	1	274917 196094
	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)	478	1	275137 195747

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8NE (S)	545	1	274844 195159
	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:	A9NW (SE)	612	1	274996 195160
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NE (NW)	665	1	274000 196000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9SW (SE)	753	1	275000 195000
	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 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18NE (N)	755	1	274637 196500
	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 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A18NE (N)	774	1	274804 196500

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 45 - 60 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18NE (N)	781	1	274833 196500
	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 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18NE (N)	799	1	274827 196520
	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:	A7SE (SW)	893	1	274274 194849
	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 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A9SE (SE)	937	1	275315 195000
256	BGS Recorded Mineral Sites Site Name: Garth-Mor Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154446 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13SE (S)	146	1	274696 195529
257	BGS Recorded Mineral Sites Site Name: Pen-Rhiw-Tyn Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154429 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13NW (N)	172	1	274562 195901

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
258	BGS Recorded Mineral Sites Site Name: Park Terrace Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154428 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	334	1	274471 196036
259	BGS Recorded Mineral Sites Site Name: Eaglebush Cottage Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154444 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A14NW (E)	370	1	275021 195778
260	BGS Recorded Mineral Sites Site Name: Garth-Mor Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154430 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A14SW (SE)	405	1	275028 195496
261	BGS Recorded Mineral Sites Site Name: Eaglesbush House Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154427 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A18SE (N)	425	1	274807 196133
262	BGS Recorded Mineral Sites Site Name: Garth-Mor Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154431 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A14SW (E)	444	1	275103 195605
263	BGS Recorded Mineral Sites Site Name: Tyla Morris Location: Briton Ferry, Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 156549 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	491	1	274971 195290

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
264	BGS Recorded Mineral Sites Site Name: Eaglebush House Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154445 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A18SE (NE)	513	1	274847 196211
265	BGS Recorded Mineral Sites Site Name: Tyla Morris Location: Briton Ferry, Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 156550 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	540	1	274890 195184
266	BGS Recorded Mineral Sites Site Name: Ty-Nef Location: Briton Ferry, Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 156577 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	611	1	275131 195279
267	BGS Recorded Mineral Sites Site Name: Eaglesbush Grove Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154426 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	629	1	275095 196171
268	BGS Recorded Mineral Sites Site Name: Tyla Morris Location: Briton Ferry, Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 156551 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	641	1	275030 195148
269	BGS Recorded Mineral Sites Site Name: Eagle Tin Plate Works Clay Pit Location: Neath, Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154109 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Tidal Flat Deposits Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A18SW (N)	645	1	274416 196352

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
270	BGS Recorded Mineral Sites Site Name: Esgyrn Colliery Location: Briton Ferry, Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 156578 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	646	1	275126 195222
271	BGS Recorded Mineral Sites Site Name: Esgyrn Colliery Location: Briton Ferry, Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 156579 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Brithdir Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	694	1	275034 195087
272	BGS Recorded Mineral Sites Site Name: Pont Y Lady Clay Pit Location: Neath, Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154126 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Tidal Flat Deposits Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	749	1	274216 196367
273	BGS Recorded Mineral Sites Site Name: Eagle Tin Plate Works Clay Pit Location: Neath, Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154108 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Tidal Flat Deposits Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A18NW (N)	819	1	274419 196535
274	BGS Recorded Mineral Sites Site Name: Esgyrn Colliery Location: Briton Ferry, Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 156552 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Brithdir Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	956	1	275180 194869
275	BGS Recorded Mineral Sites Site Name: Esgyrn Colliery Location: Briton Ferry, Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 156614 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A9NE (SE)	981	1	275428 195058

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
276	BGS Recorded Mineral Sites Site Name: Mount Pleasant Location: Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154442 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	989	1	275175 196572
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 274760, 195770 Soil Sample Type: Topsoil Sample Area: Swansea Arsenic Measured 34.50 mg/kg Concentration: Cadmium Measured 0.70 mg/kg Concentration: Chromium Measured 56.40 mg/kg Concentration: Lead Measured 99.70 mg/kg Concentration: Nickel Measured 28.00 mg/kg Concentration:	A13NE (NE)	118	1	274760 195770
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 274250, 195740 Soil Sample Type: Topsoil Sample Area: Swansea Arsenic Measured 84.60 mg/kg Concentration: Cadmium Measured 2.00 mg/kg Concentration: Chromium Measured 87.50 mg/kg Concentration: Lead Measured 784.20 mg/kg Concentration: Nickel Measured 115.50 mg/kg Concentration:	A12NE (W)	356	1	274250 195740
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 274750, 195250 Soil Sample Type: Topsoil Sample Area: Swansea Arsenic Measured 93.00 mg/kg Concentration: Cadmium Measured 5.70 mg/kg Concentration: Chromium Measured 84.90 mg/kg Concentration: Lead Measured 1072.30 mg/kg Concentration: Nickel Measured 96.50 mg/kg Concentration:	A8NE (S)	428	1	274750 195250
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 274750, 196240 Soil Sample Type: Topsoil Sample Area: Swansea Arsenic Measured 73.90 mg/kg Concentration: Cadmium Measured 1.20 mg/kg Concentration: Chromium Measured 57.40 mg/kg Concentration: Lead Measured 188.00 mg/kg Concentration: Nickel Measured 33.20 mg/kg Concentration:	A18SE (N)	509	1	274750 196240

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 274230, 195250 Soil Sample Type: Topsoil Sample Area: Swansea Arsenic Measured 23.50 mg/kg Concentration: Cadmium Measured 2.60 mg/kg Concentration: Chromium Measured 80.20 mg/kg Concentration: Lead Measured 596.20 mg/kg Concentration: Nickel Measured 45.30 mg/kg Concentration:	A7NE (SW)	582	1	274230 195250
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 275250, 195740 Soil Sample Type: Topsoil Sample Area: Swansea Arsenic Measured 75.90 mg/kg Concentration: Cadmium Measured 1.90 mg/kg Concentration: Chromium Measured 63.10 mg/kg Concentration: Lead Measured 90.50 mg/kg Concentration: Nickel Measured 28.70 mg/kg Concentration:	A14NW (E)	589	1	275250 195740
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 274150, 196140 Soil Sample Type: Topsoil Sample Area: Swansea Arsenic Measured 25.80 mg/kg Concentration: Cadmium Measured 0.90 mg/kg Concentration: Chromium Measured 77.50 mg/kg Concentration: Lead Measured 146.60 mg/kg Concentration: Nickel Measured 51.70 mg/kg Concentration:	A17SE (NW)	616	1	274150 196140
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 275250, 196250 Soil Sample Type: Topsoil Sample Area: Swansea Arsenic Measured 60.20 mg/kg Concentration: Cadmium Measured 1.90 mg/kg Concentration: Chromium Measured 65.30 mg/kg Concentration: Lead Measured 188.70 mg/kg Concentration: Nickel Measured 36.40 mg/kg Concentration:	A19SW (NE)	797	1	275250 196250
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 273760, 195770 Soil Sample Type: Topsoil Sample Area: Swansea Arsenic Measured 43.80 mg/kg Concentration: Cadmium Measured 5.10 mg/kg Concentration: Chromium Measured 60.00 mg/kg Concentration: Lead Measured 93.60 mg/kg Concentration: Nickel Measured 71.60 mg/kg Concentration:	A12NW (W)	847	1	273760 195770

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 274750, 194780 Soil Sample Type: Topsoil Sample Area: Swansea Arsenic Measured 139.50 mg/kg Concentration: Cadmium Measured 0.50 mg/kg Concentration: Chromium Measured 57.70 mg/kg Concentration: Lead Measured 216.80 mg/kg Concentration: Nickel Measured 38.10 mg/kg Concentration:	A8SE (S)	891	1	274750 194780
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 274330, 196660 Soil Sample Type: Topsoil Sample Area: Swansea Arsenic Measured 33.00 mg/kg Concentration: Cadmium Measured 1.50 mg/kg Concentration: Chromium Measured 115.70 mg/kg Concentration: Lead Measured 157.40 mg/kg Concentration: Nickel Measured 64.20 mg/kg Concentration:	A18NW (N)	964	1	274330 196660
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 273750, 195230 Soil Sample Type: Topsoil Sample Area: Swansea Arsenic Measured 78.80 mg/kg Concentration: Cadmium Measured 3.10 mg/kg Concentration: Chromium Measured 68.40 mg/kg Concentration: Lead Measured 146.80 mg/kg Concentration: Nickel Measured 39.00 mg/kg Concentration:	A7NW (SW)	989	1	273750 195230
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 274190, 194780 Soil Sample Type: Topsoil Sample Area: Swansea Arsenic Measured 27.90 mg/kg Concentration: Cadmium Measured 1.10 mg/kg Concentration: Chromium Measured 95.60 mg/kg Concentration: Lead Measured 387.70 mg/kg Concentration: Nickel Measured 53.70 mg/kg Concentration:	A7SE (SW)	992	1	274190 194780
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 273750, 196240 Soil Sample Type: Topsoil Sample Area: Swansea Arsenic Measured 165.50 mg/kg Concentration: Cadmium Measured 0.80 mg/kg Concentration: Chromium Measured 89.50 mg/kg Concentration: Lead Measured 280.50 mg/kg Concentration: Nickel Measured 71.50 mg/kg Concentration:	A17SW (NW)	999	1	273750 196240

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Urban Soil Chemistry Averages Source: British Geological Survey, National Geoscience Information Service Sample Area: Swansea Count Id: 368 Arsenic Minimum Concentration: 8.00 mg/kg Arsenic Average Concentration: 79.00 mg/kg Arsenic Maximum Concentration: 2161.00 mg/kg Cadmium Minimum Concentration: 0.10 mg/kg Cadmium Average Concentration: 2.90 mg/kg Cadmium Maximum Concentration: 61.90 mg/kg Chromium Minimum Concentration: 13.00 mg/kg Chromium Average Concentration: 72.00 mg/kg Chromium Maximum Concentration: 562.00 mg/kg Lead Minimum Concentration: 23.00 mg/kg Lead Average Concentration: 413.00 mg/kg Lead Maximum Concentration: 10000.00 mg/kg Nickel Minimum Concentration: 8.00 mg/kg Nickel Average Concentration: 52.00 mg/kg Nickel Maximum Concentration: 384.00 mg/kg	A13SE (NW)	0	1	274637 195704
	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.	A13SE (NW)	0	6	274637 195704
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13SE (NW)	0	-	274637 195704
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (NW)	0	1	274637 195704
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	203	1	274463 195564
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	229	1	274831 195862
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (NW)	0	1	274637 195704
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	229	1	274831 195862
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	241	1	274560 195436
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (NW)	0	1	274637 195704
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (NW)	0	1	274637 195704
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	204	1	274460 195567

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	241	1	274560 195437
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (NW)	0	1	274637 195704
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	229	1	274831 195862
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	241	1	274560 195436
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (NW)	0	1	274637 195704
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	37	1	274575 195692
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	229	1	274831 195862
	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	A13SE (NW)	0	1	274637 195704
	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	A13SE (NW)	0	1	274637 195704

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
277	Contemporary Trade Directory Entries Name: Neath General Hospital Location: Penrhiwtyn, Neath, West Glamorgan, SA11 2LQ Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (W)	163	-	274445 195754
278	Contemporary Trade Directory Entries Name: Tarmac Location: Briton Ferry, Neath, West Glamorgan, SA11 2HZ Classification: Sand, Gravel & Other Aggregates Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A12SE (W)	371	-	274252 195614
279	Contemporary Trade Directory Entries Name: J F Coals Location: 8, Herbert Road, Neath, West Glamorgan, SA11 2DN Classification: Coal & Smokeless Fuel Merchants & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	522	-	274513 196253
280	Contemporary Trade Directory Entries Name: A & S Tyre Services Location: Station Road, Briton Ferry, Neath, West Glamorgan, SA11 2SU Classification: Tyre Repairs & Retreading Status: Active Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	539	-	274229 195315
280	Contemporary Trade Directory Entries Name: Longlife Swansea Location: Station Road, Station Yard, Briton Ferry, Neath, West Glamorgan, SA11 2SU Classification: Exhaust & Shock Absorber Centres Status: Active Positional Accuracy: Manually positioned within the geographical locality	A7NE (SW)	539	-	274229 195315
280	Contemporary Trade Directory Entries Name: West Coastal White Line Co Ltd Location: Station Road, Briton Ferry, Neath, West Glamorgan, SA11 2SU Classification: Road Marking & Surfacing Equipment & Material Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	547	-	274226 195305
280	Contemporary Trade Directory Entries Name: A & S Tyre Services Location: Station Road, Briton Ferry, Neath, West Glamorgan, SA11 2SU Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	547	-	274226 195305
280	Contemporary Trade Directory Entries Name: A & S Tyres Ltd Location: Unit 1-5 Station Yard, Station Road, Briton Ferry, Neath, West Glamorgan, SA11 2SU Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A7NE (SW)	562	-	274234 195275
281	Contemporary Trade Directory Entries Name: Genie'S Cleaners Location: Meadow Road, Neath, West Glamorgan, SA11 2AB Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18SE (NE)	567	-	274902 196244
282	Contemporary Trade Directory Entries Name: Double P Motors Ltd Location: Station Road, Briton Ferry, Neath, SA11 2SU Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	587	-	274239 195235
282	Contemporary Trade Directory Entries Name: Station Sprayers Location: Station Road, Briton Ferry, Neath, West Glamorgan, SA11 2SU Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	591	-	274240 195229

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
283	Contemporary Trade Directory Entries Name: Mile End Service Station Location: Mile End Row, NEATH, West Glamorgan, SA11 2ED Classification: Petrol Filling Stations - 24 Hour Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18NW (N)	637	-	274596 196381
283	Contemporary Trade Directory Entries Name: Esso Location: Mile End Row, Neath, SA11 2ED Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	647	-	274606 196391
283	Contemporary Trade Directory Entries Name: Mile End Service Station Location: Neath, West Glamorgan, Sa11 2ed Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18NW (N)	647	-	274606 196391
284	Contemporary Trade Directory Entries Name: Car Tec Location: 1, Ormond Street, Neath, West Glamorgan, SA11 2TG Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	640	-	274461 195050
285	Contemporary Trade Directory Entries Name: Crown Food Uk Location: Milland Road Industrial Estate, Neath, West Glamorgan, SA11 1NJ Classification: Can Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (NW)	657	-	274339 196331
286	Contemporary Trade Directory Entries Name: Crynant Plant & Transport Ltd Location: Eaglebush Works, Milland Road Industrial Estate, Neath, West Glamorgan, SA11 1NJ Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	816	-	274568 196558
287	Contemporary Trade Directory Entries Name: Kingfisher Mobile Tyre Services Location: 53, Olive Branch Crescent, Neath, West Glamorgan, SA11 2UH Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	836	-	273872 195324
287	Contemporary Trade Directory Entries Name: Kingfisher Mobile Tyre Services Location: 53, Olive Branch Crescent, Neath, SA11 2UH Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A7NW (SW)	837	-	273872 195324
288	Contemporary Trade Directory Entries Name: Lodge Garage Location: The Yard, Shelone Road, Neath, West Glamorgan, SA11 2NS Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	871	-	274195 194915
289	Contemporary Trade Directory Entries Name: Melanies Cleaning Service Ltd Location: 12, Exchange Road, Neath, West Glamorgan, SA11 1TD Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	878	-	274960 196559
290	Contemporary Trade Directory Entries Name: Fordpad Ltd Location: Foundry Works, Dc Griffiths Way, Neath, SA11 1AU Classification: Scrap Metal Merchants Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	891	-	274779 196624

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
291	Contemporary Trade Directory Entries Name: South Wales Transport Location: Unit 19, Milland Road Industrial Estate, Neath, SA11 1NJ Classification: Bus & Coach Operators & Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	902	-	274560 196644
291	Contemporary Trade Directory Entries Name: Milland Tyre & Auto Location: Unit 18, Milland Road Industrial Estate, Neath, West Glamorgan, SA11 1NJ Classification: Exhaust & Shock Absorber Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	903	-	274560 196644
291	Contemporary Trade Directory Entries Name: Precision Sealing Ltd Location: Unit 19, Milland Road Industrial Estate, Neath, West Glamorgan, SA11 1NJ Classification: Pumps - Sales, Servicing & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	903	-	274560 196644
291	Contemporary Trade Directory Entries Name: C J E N T Uk Ltd Location: UNIT 17, MILLAND ROAD INDUSTRIAL ESTATE, NEATH, SA11 1NJ Classification: Kitchen Furniture Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	904	-	274608 196648
292	Contemporary Trade Directory Entries Name: Acorn Chemical Services Location: Unit 16, Milland Road Industrial Estate, Neath, West Glamorgan, SA11 1NJ Classification: Chemical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	908	-	274615 196653
292	Contemporary Trade Directory Entries Name: Acorn Chemical Services Ltd Location: Unit 16, Milland Road Industrial Estate, Neath, West Glamorgan, SA11 1NJ Classification: Chemical Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	908	-	274615 196652
292	Contemporary Trade Directory Entries Name: Acorn Chemical Services Location: Unit 16, Milland Road Industrial Estate, Neath, West Glamorgan, SA11 1NJ Classification: Chemical Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	908	-	274615 196653
292	Contemporary Trade Directory Entries Name: Equilibrium Chemical Services Ltd Location: 16 Milland Rd Ind Est, Neath, West Glamorgan, SA11 1NJ Classification: Chemical Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18NW (N)	908	-	274614 196652
292	Contemporary Trade Directory Entries Name: C I S Contract Packaging Ltd Location: Unit 17, Milland Road Industrial Estate, Neath, West Glamorgan, SA11 1NJ Classification: Packaging Materials Manufacturers & Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	908	-	274615 196653
292	Contemporary Trade Directory Entries Name: Lase Ltd Location: Unit 15, Milland Road Industrial Estate, Neath, West Glamorgan, SA11 1NJ Classification: Coating Specialists Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	939	-	274632 196683
292	Contemporary Trade Directory Entries Name: L Pugh & Son Location: 15, Milland Road Industrial Estate, Neath, West Glamorgan, SA11 1NJ Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	939	-	274632 196683
292	Contemporary Trade Directory Entries Name: Equipment Supply Services Location: Unit 15, Milland Road Industrial Estate, Neath, West Glamorgan, SA11 1NJ Classification: Agricultural Machinery - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	939	-	274632 196683

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
293	Contemporary Trade Directory Entries Name: Lafarge Readymix Location: Old Iron Works, Briton Ferry, Neath, West Glamorgan, SA11 2LD Classification: Concrete & Mortar Ready Mixed Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A7SE (SW)	915	-	274007 195003
294	Contemporary Trade Directory Entries Name: Alter Kennys Location: Neath Road, Briton Ferry, Neath, West Glamorgan, SA11 2AX Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A8SW (S)	923	-	274356 194786
295	Contemporary Trade Directory Entries Name: Camps Transport Location: 33, Bryn Teg, Neath, SA11 2YH Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A12SW (W)	929	-	273746 195373
295	Contemporary Trade Directory Entries Name: J & J Skip Hire Location: 33, Bryn Teg, Neath, West Glamorgan, SA11 2YH Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	929	-	273745 195374
296	Contemporary Trade Directory Entries Name: F & T Refrigeration Ltd Location: Dc Griffiths Way, Neath, West Glamorgan, SA11 1BT Classification: Refrigeration Equipment - Commercial Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	962	-	274783 196695
296	Contemporary Trade Directory Entries Name: F & T Refrigeration Ltd Location: Dc Griffiths Way, Neath, West Glamorgan, SA11 1BT Classification: Refrigeration Equipment - Commercial Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	962	-	274783 196695
297	Contemporary Trade Directory Entries Name: Autocare Neath Location: Neath Road, Briton Ferry, Neath, West Glamorgan, SA11 2AX Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	986	-	274391 194710
297	Contemporary Trade Directory Entries Name: Neath Car Sales Ltd Location: Neath Road, Briton Ferry, Neath, West Glamorgan, SA11 2AX Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	986	-	274391 194710
298	Contemporary Trade Directory Entries Name: Neath Road Filling Station Location: Neath Rd, Briton Ferry, Neath, West Glamorgan, SA11 2AX Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8SW (S)	998	-	274333 194714
299	Fuel Station Entries Name: Mile End Service Station Location: 188, Mile End Row, Melyn, Neath, Neath Port Talbot, SA11 2ED Brand: ESSO Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A18NW (N)	647	-	274607 196391
300	Fuel Station Entries Name: Neath Road Filling Station Location: Neath Road, Briton Ferry, Neath, Neath Port Talbot, SA11 2AX Brand: Total Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A8SW (S)	986	-	274391 194710

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
301	Points of Interest - Commercial Services Name: Dai-agnostics Mobile Motor Repairs Location: 8 Clos Warren, Neath, SA11 2FF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (E)	181	7	274834 195746
302	Points of Interest - Commercial Services Name: I M O Car Wash Location: 117 Pant yr Heol, Neath, SA11 2HB Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A12SE (W)	335	7	274279 195653
303	Points of Interest - Commercial Services Name: Station Sprayers Location: Station House, Station Road, Briton Ferry, Neath, SA11 2SU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NE (SW)	510	7	274264 195319
303	Points of Interest - Commercial Services Name: Longlife Swansea Location: Station Road, Station Yard, Briton Ferry, Neath, SA11 2SU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NE (SW)	550	7	274229 195298
303	Points of Interest - Commercial Services Name: A & S Tyre Services Location: Unit 6 West Coastal White Line Company, Station Road, Briton Ferry, SA11 2SU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NE (SW)	554	7	274231 195290
303	Points of Interest - Commercial Services Name: Double P Motors Ltd Location: Station Road, Briton Ferry, Neath, SA11 2SU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NE (SW)	587	7	274239 195235
304	Points of Interest - Commercial Services Name: Station Sprayers Location: Station Road, Briton Ferry, Neath, SA11 2SU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NE (SW)	605	7	274240 195210
305	Points of Interest - Commercial Services Name: Car Tec Location: 1 Ormond Street, Neath, SA11 2TG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NW (S)	640	7	274461 195050
305	Points of Interest - Commercial Services Name: Car Tec Location: 1 Ormond Street, Neath, SA11 2TG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NW (S)	640	7	274461 195050
306	Points of Interest - Commercial Services Name: Mile End Service Station Location: Mile End Row, Neath, SA11 2ED Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A18NW (N)	647	7	274607 196391
306	Points of Interest - Commercial Services Name: Car Wash Location: Mile End Row, Neath, SA11 2ED Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A18NW (N)	647	7	274607 196391
307	Points of Interest - Commercial Services Name: UK Flooring Distribution Location: Unit 4, Milland Road Industrial Estate, Neath, SA11 1NJ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18NW (N)	685	7	274379 196381

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
308	Points of Interest - Commercial Services Name: Fordpad Ltd Location: Foundry Works, Dc Griffiths Way, Neath, SA11 1AU Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A18NE (N)	891	7	274779 196624
308	Points of Interest - Commercial Services Name: Fordpad Ltd Location: Foundry Works, Dc Griffiths Way, Neath, SA11 1AU Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A18NE (N)	891	7	274779 196624
309	Points of Interest - Commercial Services Name: Milland Tyre & Auto Location: Unit 18, Milland Road Industrial Estate, Neath, SA11 1NJ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	903	7	274560 196644
310	Points of Interest - Commercial Services Name: Camps Transport Location: 33 Bryn Teg, Neath, SA11 2YH Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12SW (W)	929	7	273746 195373
311	Points of Interest - Education and Health Name: Neath General Hospital Location: Penrhiwtyn, Neath, SA11 2LQ Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A13NW (W)	163	7	274445 195754
312	Points of Interest - Manufacturing and Production Name: Tanks Location: SA11 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13SW (W)	189	7	274421 195687
313	Points of Interest - Manufacturing and Production Name: Quarry (Disused) Location: SA11 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location	A13NW (NW)	304	7	274487 196011
313	Points of Interest - Manufacturing and Production Name: Quarry (Disused) Location: SA11 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	326	7	274470 196027
314	Points of Interest - Manufacturing and Production Name: Tank Location: SA11 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	436	7	274796 195257
315	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	541	7	274248 195290
316	Points of Interest - Manufacturing and Production Name: Workings (Dis) Location: SA11 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	548	7	275072 195307
317	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)	670	7	274346 196350

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
317	Points of Interest - Manufacturing and Production Name: Works Location: SA11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (NW)	671	7	274346 196351
318	Points of Interest - Manufacturing and Production Name: Eaglesbush Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	728	7	274563 196469
318	Points of Interest - Manufacturing and Production Name: Eaglesbush Works Location: SA11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	808	7	274569 196550
318	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	A18NW (N)	811	7	274578 196554
319	Points of Interest - Manufacturing and Production Name: Tank Location: SA10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	799	7	273850 195984
320	Points of Interest - Manufacturing and Production Name: L Williams Location: Cimla, Neath, SA11 2HS Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A9NE (SE)	815	7	275336 195212
321	Points of Interest - Manufacturing and Production Name: Air Shafts (Disused) Location: SA11 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	829	7	275256 195093
322	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	A18NW (N)	830	7	274318 196512
323	Points of Interest - Manufacturing and Production Name: Tank Location: SA11 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	870	7	274204 196501
323	Points of Interest - Manufacturing and Production Name: Tank Location: SA11 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	882	7	274189 196506
324	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)	873	7	274770 196607
324	Points of Interest - Manufacturing and Production Name: Factory Location: SA11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	883	7	274775 196616

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
325	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A7SE (SW)	877	7	274268 194870
325	Points of Interest - Manufacturing and Production Name: Works Location: SA11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A7SE (SW)	880	7	274263 194869
326	Points of Interest - Manufacturing and Production Name: Tank Location: SA11 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	907	7	275465 196124
327	Points of Interest - Manufacturing and Production Name: Tank Location: SA11 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	977	7	274741 196716
328	Points of Interest - Manufacturing and Production Name: Shaft (Disused) Location: SA11 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A9NE (SE)	983	7	275424 195050
328	Points of Interest - Manufacturing and Production Name: Shaft (Disused) Location: SA11 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A9NE (SE)	984	7	275424 195048
329	Points of Interest - Public Infrastructure Name: Mortuary Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	180	7	274456 195826
330	Points of Interest - Public Infrastructure Name: Chapel of Rest Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A12SE (SW)	432	7	274285 195417
331	Points of Interest - Public Infrastructure Name: Sluice Location: SA11 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	475	7	274141 195630
331	Points of Interest - Public Infrastructure Name: Sluice Location: SA11 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	479	7	274136 195631
332	Points of Interest - Public Infrastructure Name: Sluice Location: SA11 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	602	7	274475 196325
333	Points of Interest - Public Infrastructure Name: Ynysmaerdy Cemetery Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	633	7	274729 195037

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
333	Points of Interest - Public Infrastructure Name: Ynysmaerdy Cemetery Location: SA11 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	633	7	274729 195037
333	Points of Interest - Public Infrastructure Name: Chapel of Rest Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	665	7	274788 195016
333	Points of Interest - Public Infrastructure Name: Chapel of Rest Location: SA11 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to address or location	A8SE (S)	666	7	274788 195015
333	Points of Interest - Public Infrastructure Name: Cemetery Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	687	7	274679 194978
334	Points of Interest - Public Infrastructure Name: Mile End Service Station Location: Mile End Row, Neath, SA11 2ED Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18NW (N)	637	7	274596 196381
334	Points of Interest - Public Infrastructure Name: Esso Location: Mile End Row, Neath, SA11 2ED Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18NW (N)	647	7	274606 196391
334	Points of Interest - Public Infrastructure Name: Esso Location: Mile End Row, Neath, SA11 2ED Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18NW (N)	647	7	274606 196391
334	Points of Interest - Public Infrastructure Name: Mile End Service Station Location: Mile End Row, Neath, SA11 2ED Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18NW (N)	647	7	274606 196391
334	Points of Interest - Public Infrastructure Name: Mile End Service Station Location: Mile End Row, Neath, SA11 2ED Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18NW (N)	647	7	274607 196391
335	Points of Interest - Public Infrastructure Name: Weir Location: SA11 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	695	7	275150 196210
335	Points of Interest - Public Infrastructure Name: Weir Location: SA11 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	697	7	275149 196213
336	Points of Interest - Public Infrastructure Name: Sewage Pumping Station Location: SA11 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	791	7	273836 195544

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
337	Points of Interest - Public Infrastructure Name: Weir Location: SA11 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	798	7	275116 196380
337	Points of Interest - Public Infrastructure Name: Weir Location: SA11 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	825	7	275055 196454
337	Points of Interest - Public Infrastructure Name: Weir Location: SA11 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	826	7	275055 196455
338	Points of Interest - Public Infrastructure Name: Filter Beds Location: SA11 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	880	7	274225 196524
338	Points of Interest - Public Infrastructure Name: Filter Beds Location: SA11 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	884	7	274215 196523
339	Points of Interest - Public Infrastructure Name: South Wales Transport Location: Unit 19, Milland Road Industrial Estate, Neath, SA11 1NJ Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to address or location	A18NW (N)	903	7	274560 196644
340	Points of Interest - Public Infrastructure Name: J & J Skip Hire Location: 33 Bryn Teg, Neath, SA11 2YH Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A12SW (W)	929	7	273745 195374
340	Points of Interest - Public Infrastructure Name: J & J Skip Hire Location: 33 Bryn Teg, Neath, SA11 2YH Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A12SW (W)	929	7	273745 195374
341	Points of Interest - Public Infrastructure Name: Sluice Location: SA11 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A9SW (S)	964	7	274992 194767
341	Points of Interest - Public Infrastructure Name: Sluice Location: SA11 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A9SW (S)	967	7	274995 194765
342	Points of Interest - Public Infrastructure Name: Refuse Tip Location: SA10 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	985	7	273625 195817
343	Points of Interest - Recreational and Environmental Name: Play Area Location: SA11 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	535	7	274735 196270

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
344	Points of Interest - Recreational and Environmental Name: Playground Location: Nr Ynysymaerdy Road, SA11 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A8SW (S)	742	7	274573 194925
345	Points of Interest - Recreational and Environmental Name: Playground Location: Nr Neath Road, SA11 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A8SW (S)	813	7	274496 194864
345	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	832	7	274460 194852
346	Points of Interest - Recreational and Environmental Name: Play Area Location: SA11 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	922	7	273725 195452
347	Points of Interest - Recreational and Environmental Name: Playground Location: Bryn Road, SA11 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A19NW (NE)	933	7	275247 196448
347	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	938	7	275249 196452

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
348	Ancient Woodland Name: Not Supplied Reference: 18281 Area(m ²): 2902.32 Type: Ancient and Semi-Natural Woodland	A13NE (E)	300	2	274943 195801
349	Ancient Woodland Name: Not Supplied Reference: 11352 Area(m ²): 20063.95 Type: Restored Ancient Woodland Site	A14NW (E)	351	2	275005 195765
350	Ancient Woodland Name: Not Supplied Reference: 7496 Area(m ²): 1097.17 Type: Ancient and Semi-Natural Woodland	A14SW (E)	410	2	275074 195657
351	Ancient Woodland Name: Not Supplied Reference: 23143 Area(m ²): 2723.57 Type: Restored Ancient Woodland Site	A14NW (E)	413	2	275064 195777
352	Ancient Woodland Name: Not Supplied Reference: 7495 Area(m ²): 24539.37 Type: Ancient and Semi-Natural Woodland	A14SW (E)	429	2	275084 195582
353	Ancient Woodland Name: Not Supplied Reference: 23144 Area(m ²): 5257.17 Type: Restored Ancient Woodland Site	A18SE (NE)	515	2	274970 196134
354	Ancient Woodland Name: Not Supplied Reference: 18279 Area(m ²): 5962.42 Type: Ancient and Semi-Natural Woodland	A9NW (SE)	616	2	275027 195176
355	Ancient Woodland Name: Not Supplied Reference: 8058 Area(m ²): 87385.89 Type: Ancient and Semi-Natural Woodland	A14NW (E)	626	2	275282 195776
356	Ancient Woodland Name: Not Supplied Reference: 12254 Area(m ²): 9319.44 Type: Ancient and Semi-Natural Woodland	A19SW (NE)	630	2	275162 196090
357	Ancient Woodland Name: Not Supplied Reference: 7497 Area(m ²): 1939.69 Type: Ancient and Semi-Natural Woodland	A14NW (E)	653	2	275281 195903
358	Ancient Woodland Name: Not Supplied Reference: 7766 Area(m ²): 4327.93 Type: Ancient and Semi-Natural Woodland	A19SW (NE)	665	2	275071 196245
359	Ancient Woodland Name: Not Supplied Reference: 12255 Area(m ²): 5217.98 Type: Ancient and Semi-Natural Woodland	A19SW (NE)	700	2	275156 196210
360	Ancient Woodland Name: Not Supplied Reference: 7498 Area(m ²): 19059.96 Type: Ancient and Semi-Natural Woodland	A14NE (NE)	748	2	275329 196042
361	Ancient Woodland Name: Not Supplied Reference: 18278 Area(m ²): 2474.75 Type: Ancient and Semi-Natural Woodland	A9NW (SE)	801	2	275275 195155

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
362	Ancient Woodland Name: Not Supplied Reference: 18275 Area(m ²): 22753.28 Type: Ancient and Semi-Natural Woodland	A8SE (S)	803	2	274838 194886
363	Ancient Woodland Name: Not Supplied Reference: 11351 Area(m ²): 143855.64 Type: Restored Ancient Woodland Site	A8SE (S)	826	2	274788 194852
364	Ancient Woodland Name: Not Supplied Reference: 18274 Area(m ²): 8554.76 Type: Ancient and Semi-Natural Woodland	A8SW (S)	870	2	274491 194806
365	Ancient Woodland Name: Not Supplied Reference: 10085 Area(m ²): 16885.9 Type: Ancient and Semi-Natural Woodland	A9SW (SE)	900	2	275277 195015
366	Ancient Woodland Name: Not Supplied Reference: 8869 Area(m ²): 8745.87 Type: Ancient and Semi-Natural Woodland	A9SW (SE)	949	2	275237 194917
367	Ancient Woodland Name: Not Supplied Reference: 18283 Area(m ²): 10328.45 Type: Ancient and Semi-Natural Woodland	A15SW (E)	1000	2	275659 195573
368	Local Nature Reserves Name: Eaglesbush Valley Multiple Area: N Area (m2): 79888.24 Source: Neath Port Talbot County Borough Council Designation Date: 31st December 2008	A19SW (NE)	594	8	275143 196055

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices City and County of Swansea - Environmental Health Department Natural Resources Wales Neath Port Talbot County Borough Council - Environmental Health Department	January 2015 June 2020 March 2015	Annual Rolling Update Annually Annual Rolling Update
Discharge Consents Natural Resources Wales Environment Agency - Welsh Region	April 2021 August 2014	Quarterly Quarterly
Enforcement and Prohibition Notices Environment Agency - Welsh Region	March 2013	
Integrated Pollution Controls Environment Agency - Welsh Region	October 2008	
Integrated Pollution Prevention And Control Natural Resources Wales Environment Agency - Welsh Region	April 2021 January 2021	Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Swansea Bay Port Health Authority Neath Port Talbot County Borough Council - Environmental Health Department City and County of Swansea - Environmental Health Department	April 2014 August 2012 June 2014	Variable Variable Variable
Local Authority Pollution Prevention and Controls Swansea Bay Port Health Authority City and County of Swansea - Environmental Health Department Neath Port Talbot County Borough Council - Environmental Health Department	April 2014 June 2014 March 2014	Annually Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Swansea Bay Port Health Authority City and County of Swansea - Environmental Health Department Neath Port Talbot County Borough Council - Environmental Health Department	April 2014 June 2014 March 2014	Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	January 2021	
Pollution Incidents to Controlled Waters Environment Agency - Welsh Region	December 1998	
Prosecutions Relating to Authorised Processes Environment Agency - Welsh Region Natural Resources Wales	March 2013 March 2013	
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
River Quality Environment Agency - Head Office	November 2001	Not Applicable
Substantiated Pollution Incident Register Natural Resources Wales Environment Agency Wales - South West Area	April 2021 January 2021	Quarterly Quarterly
Water Abstractions Environment Agency - Welsh Region Natural Resources Wales	April 2021 April 2021	Quarterly Quarterly
Water Industry Act Referrals Natural Resources Wales Environment Agency - Welsh Region	April 2021 October 2017	Quarterly Quarterly
Groundwater Vulnerability Map Natural Resources Wales	June 2018	As notified

Agency & Hydrological	Version	Update Cycle
Bedrock Aquifer Designations Natural Resources Wales	January 2018	Annually
Superficial Aquifer Designations Natural Resources Wales	January 2018	Annually
Source Protection Zones Natural Resources Wales	November 2016	Annual Rolling Update
Extreme Flooding from Rivers or Sea without Defences Natural Resources Wales	August 2018	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	June 2021	Quarterly
Surface Water 1 in 30 year Flood Extent Natural Resources Wales	October 2013	Annually
Surface Water 1 in 100 year Flood Extent Natural Resources Wales	October 2013	Annually
Surface Water 1 in 1000 year Flood Extent Natural Resources Wales	October 2013	Annually
Surface Water Suitability Natural Resources Wales	October 2013	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	June 1996	Not Applicable
Historical Landfill Sites Natural Resources Wales	July 2017	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Welsh Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency Wales - South West Area Natural Resources Wales	January 2021 January 2021	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency Wales - South West Area Natural Resources Wales	April 2021 April 2021	Quarterly Quarterly
Local Authority Landfill Coverage City and County of Swansea - Environmental Health Department Neath Port Talbot County Borough Council - Environmental Health Department	May 2000 May 2000	Not Applicable Not Applicable
Local Authority Recorded Landfill Sites City and County of Swansea - Environmental Health Department Neath Port Talbot County Borough Council - Environmental Health Department	May 2000 September 2003	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites Environment Agency Wales - South West Area	March 2003	Not Applicable
Registered Waste Transfer Sites Environment Agency Wales - South West Area	March 2003	
Registered Waste Treatment or Disposal Sites Environment Agency Wales - South West Area	March 2003	
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	November 2000	
Planning Hazardous Substance Enforcements City and County of Swansea - Planning Department Neath Port Talbot County Borough Council - Planning Department	January 2016 October 2015	Variable Variable
Planning Hazardous Substance Consents City and County of Swansea - Planning Department Neath Port Talbot County Borough Council - Planning Department	January 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	October 2015	Annually
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2021	Bi-Annually
BGS Urban Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	Annually
BGS Urban Soil Chemistry Averages British Geological Survey - National Geoscience Information Service	October 2015	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	October 2000	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	April 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

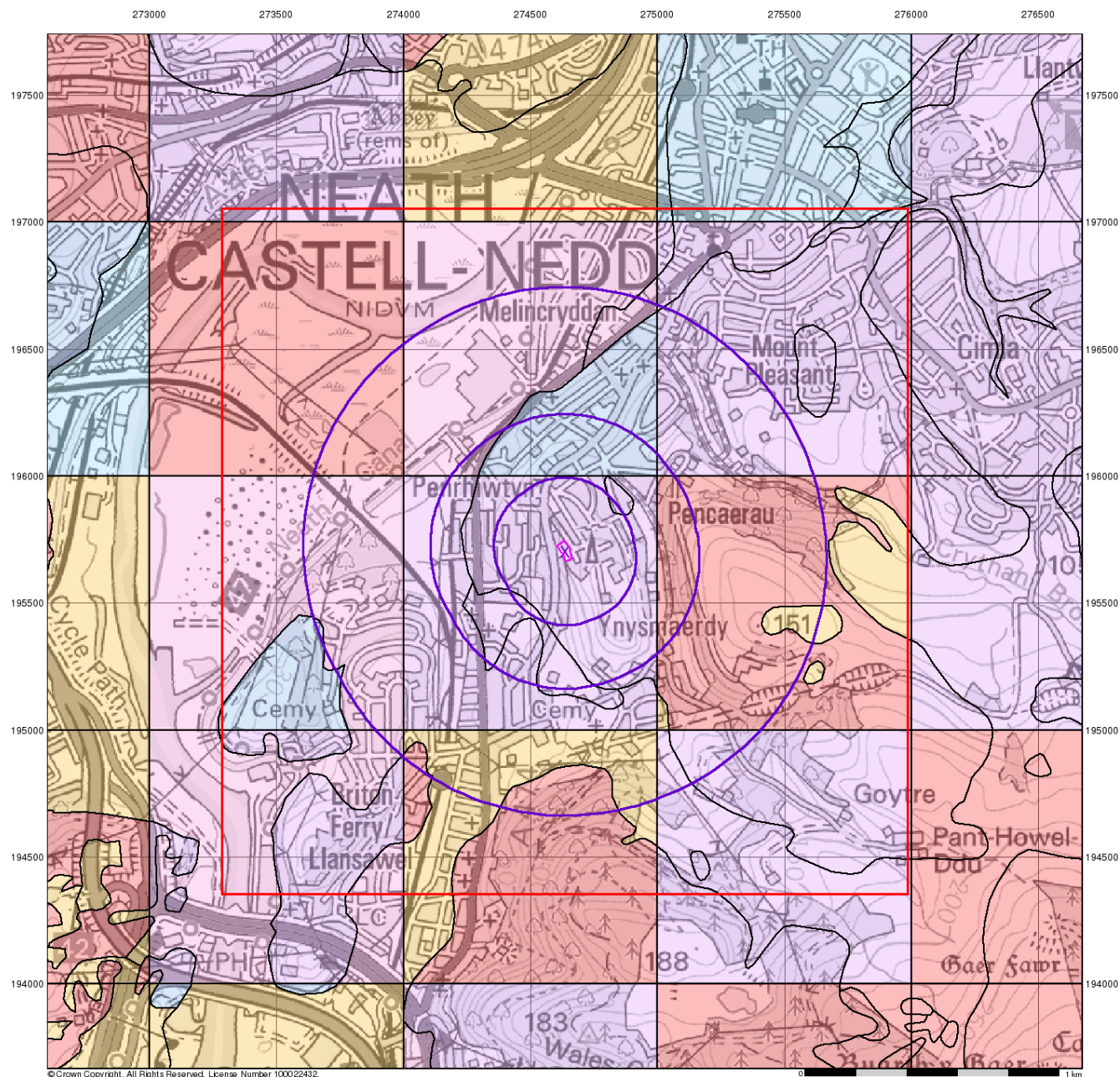
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural Resources Wales	August 2018	Bi-Annually
Areas of Adopted Green Belt City and County of Swansea Neath Port Talbot County Borough Council - Planning Services	June 2020 June 2020	Quarterly Quarterly
Areas of Unadopted Green Belt City and County of Swansea Neath Port Talbot County Borough Council - Planning Services	June 2020 June 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 City and County of Swansea 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	June 2019	Bi-Annually
National Parks Natural Resources Wales	August 2018	Annually
Nitrate Vulnerable Zones Natural Resources Wales The National Assembly for Wales - GI Services (Department of Planning & Countryside)	July 2019 October 2005	Bi-Annually
Ramsar Sites Natural Resources Wales	July 2019	Bi-Annually
Sites of Special Scientific Interest Natural Resources Wales	March 2020	Bi-Annually
Special Areas of Conservation Natural Resources Wales	August 2020	Bi-Annually
Special Protection Areas Natural Resources Wales	August 2018	Bi-Annually

A selection of organisations who provide data within this report

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

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

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



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



Geotechnical & Geoenvironmental Specialists

Groundwater Vulnerability

General

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

Agency and Hydrological

Bedrock Aquifers

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

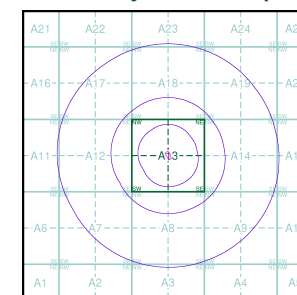
Superficial Aquifers

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

Unproductive Aquifer

Soluble Rock

Site Sensitivity Context Map - Slice A



Order Details

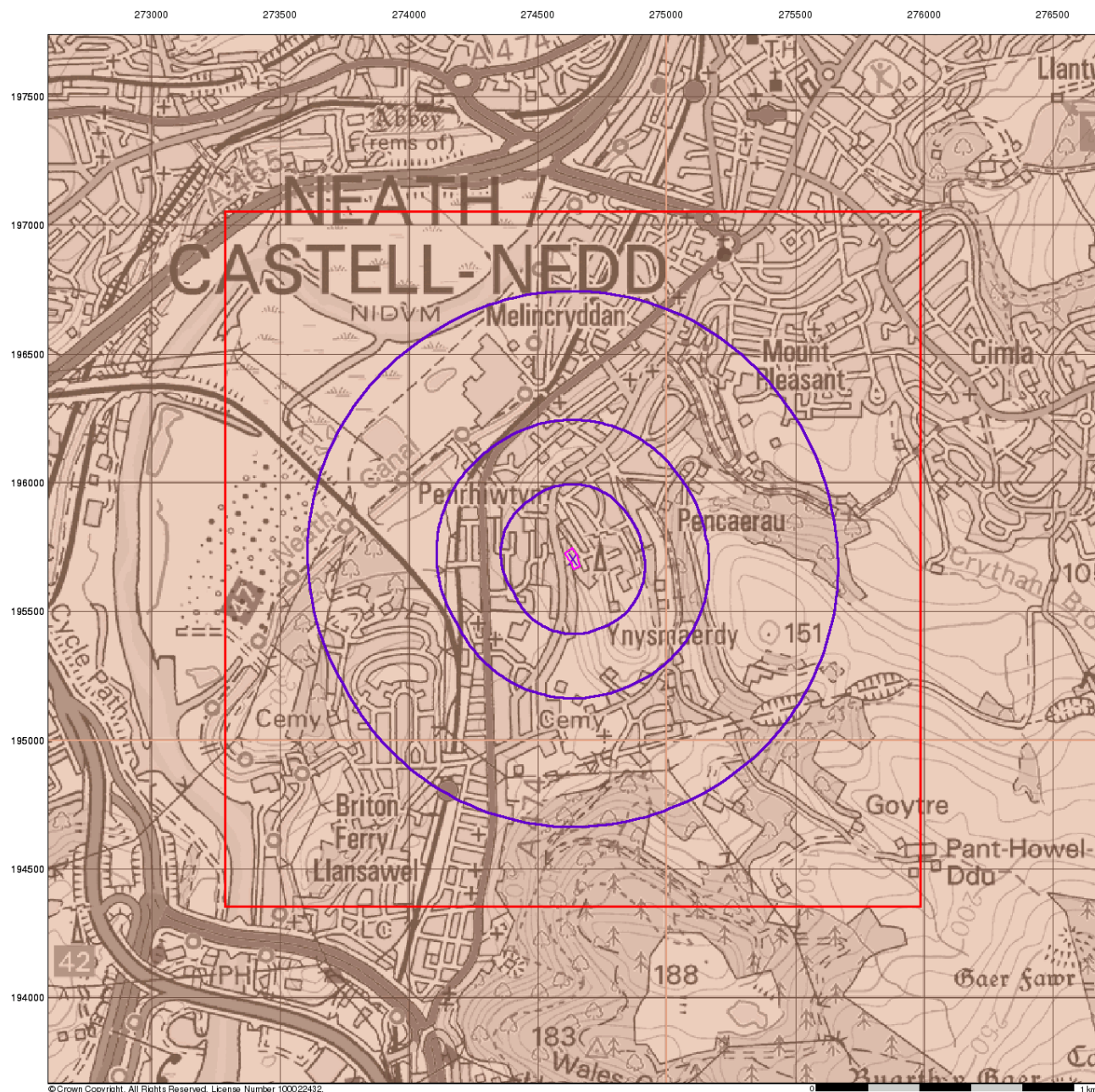
Order Number: 281040714_1_1
 Customer Ref: 16819 - Pearson Way
 National Grid Reference: 274640, 195700
 Slice: A
 Site Area (Ha): 0.25
 Search Buffer (m): 1000

Site Details

1, Pearson Way, NEATH, SA11 2EJ

Landmark
 INFORMATION GROUP

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



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



Geotechnical & Geoenvironmental Specialists

Bedrock Aquifer Designation

General

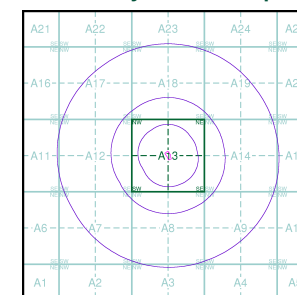
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

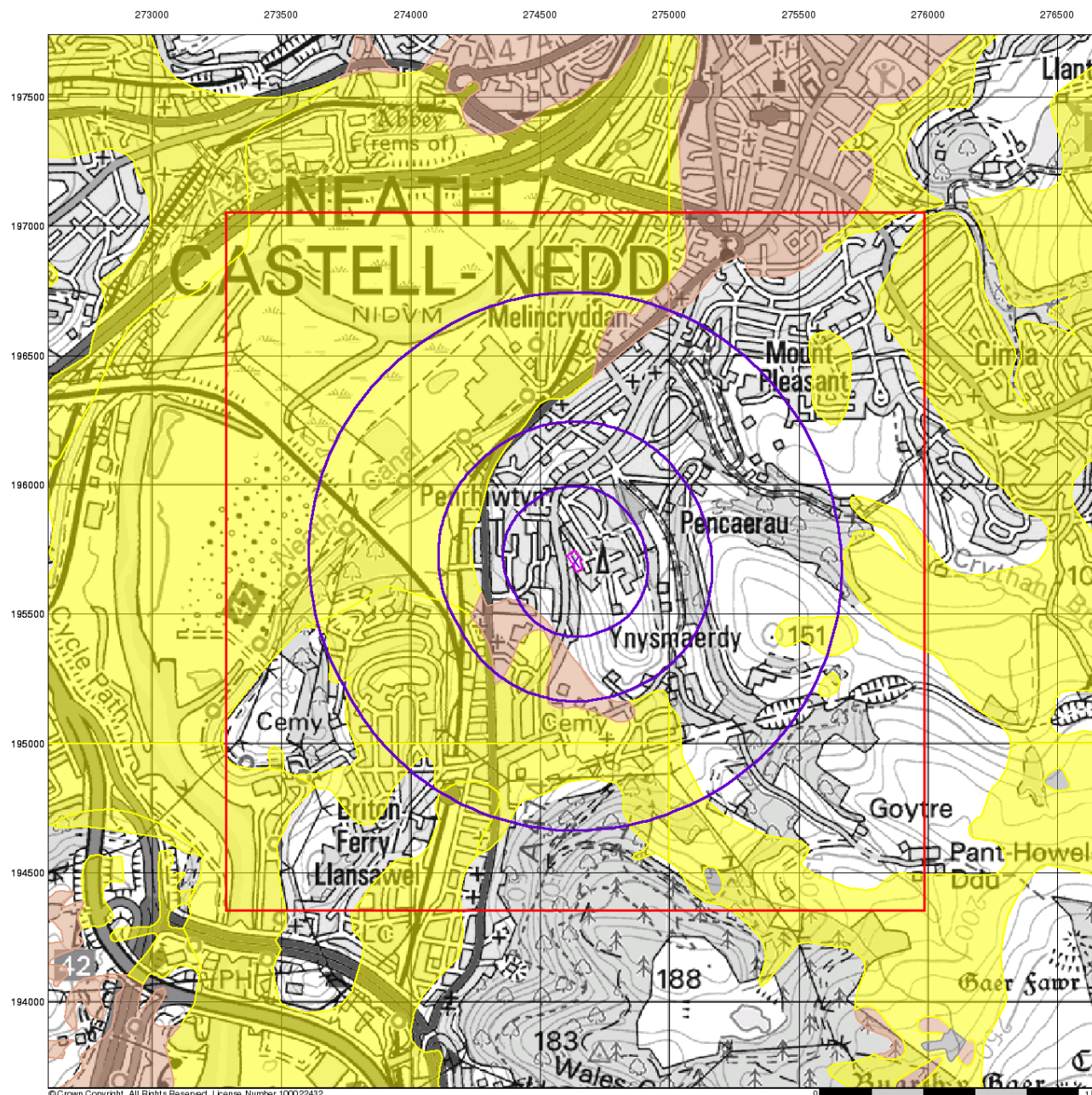
Order Number: 281040714_1_1
 Customer Ref: 16819 - Pearson Way
 National Grid Reference: 274640, 195700
 Slice: A
 Site Area (Ha): 0.25
 Search Buffer (m): 1000

Site Details

1, Pearson Way, NEATH, SA11 2EJ

Landmark
 INFORMATION GROUP

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



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



Geotechnical & Geoenvironmental Specialists

Superficial Aquifer Designation

General

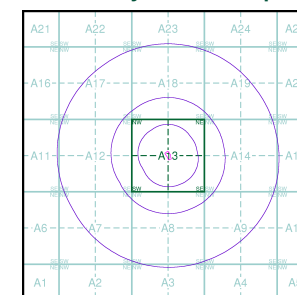
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

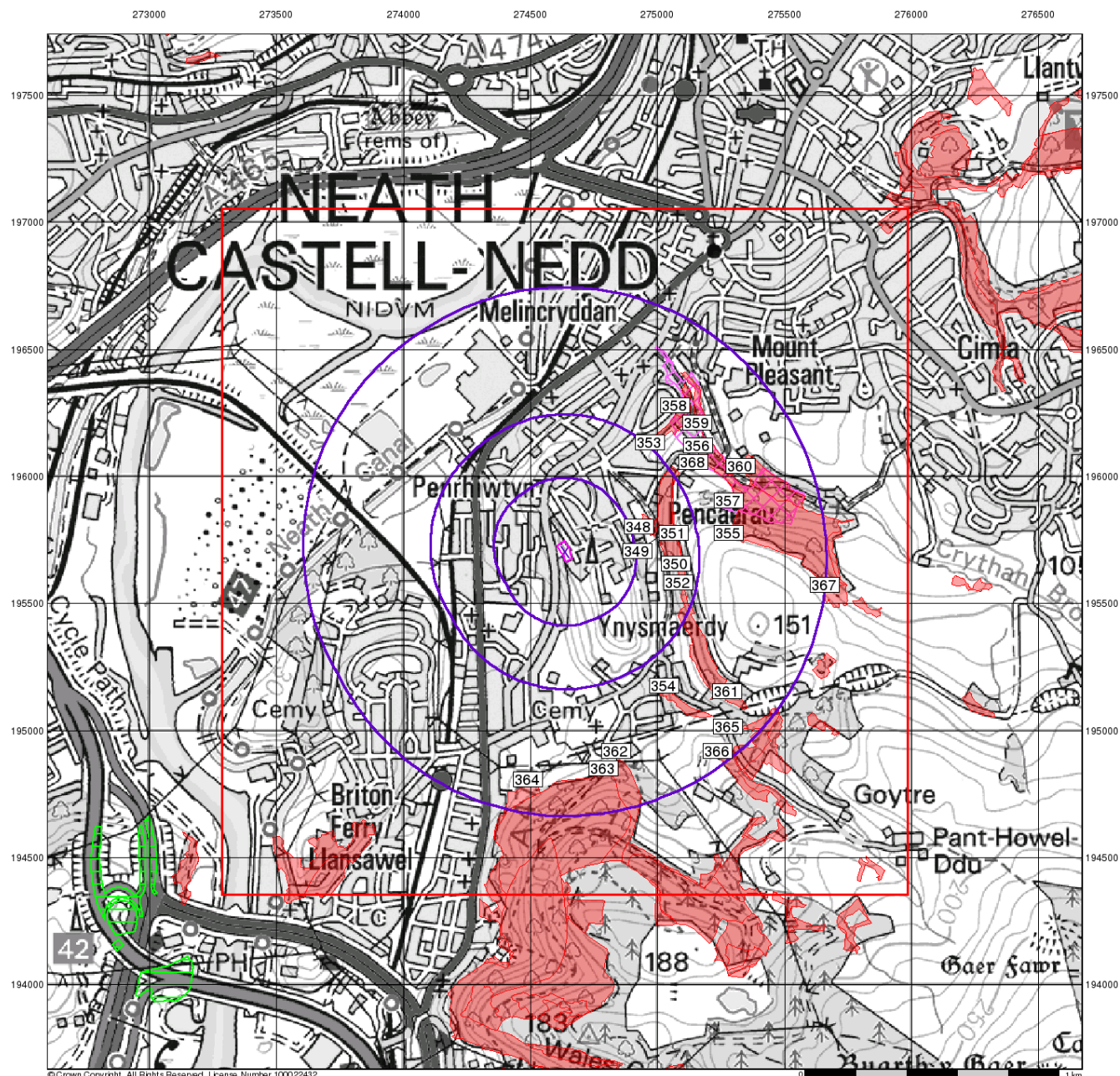
Order Number: 281040714_1_1
 Customer Ref: 16819 - Pearson Way
 National Grid Reference: 274640, 195700
 Slice: A
 Site Area (Ha): 0.25
 Search Buffer (m): 1000

Site Details

1, Pearson Way, NEATH, SA11 2EJ



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



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



Geotechnical & Geoenvironmental Specialists

Sensitive Land Uses

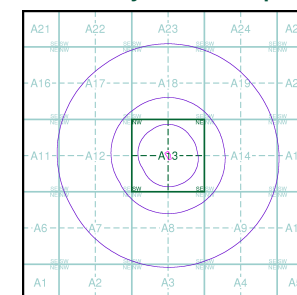
General

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

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice A



Order Details

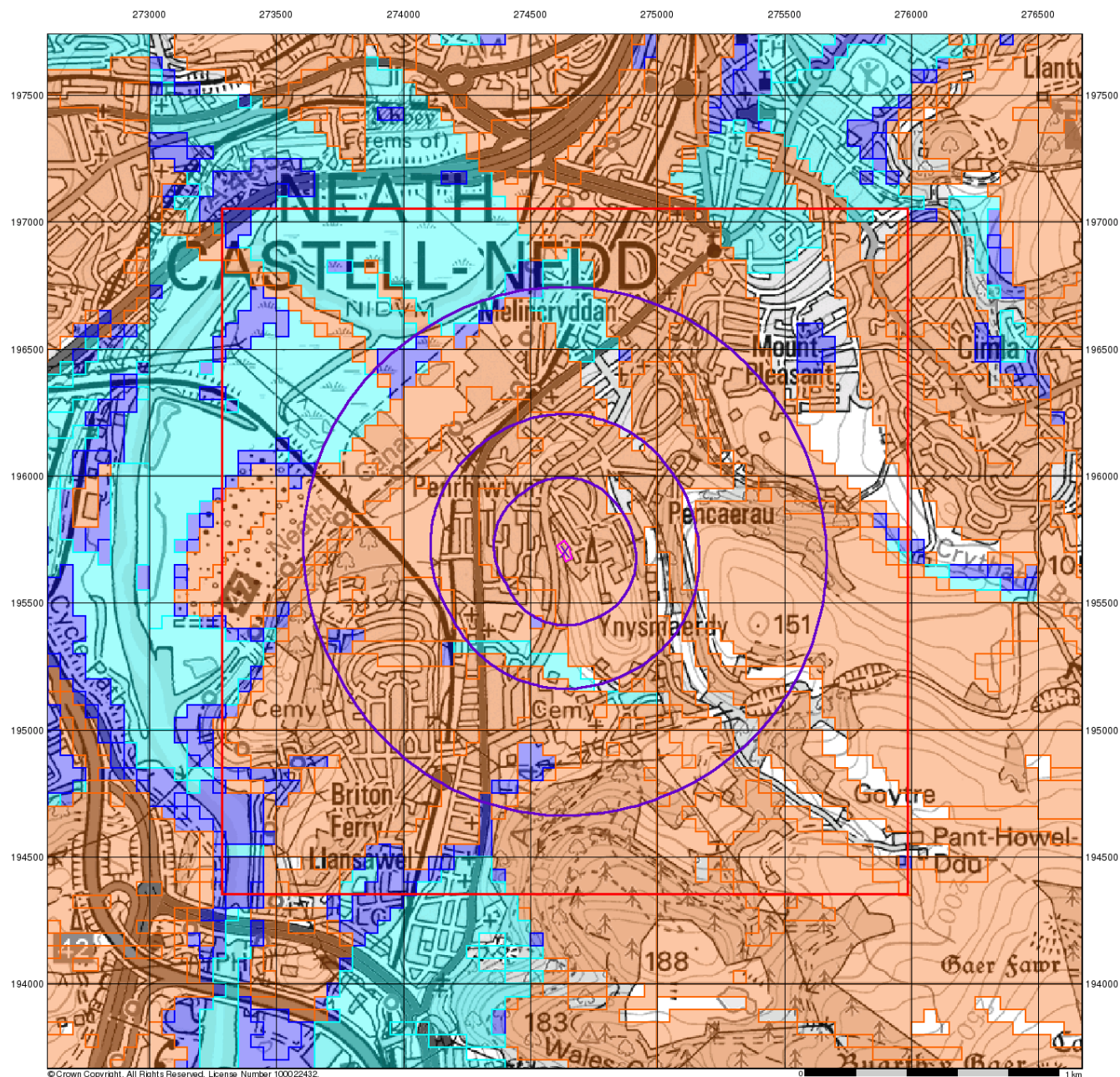
Order Number: 281040714_1_1
 Customer Ref: 16819 - Pearson Way
 National Grid Reference: 274640, 195700
 Slice: A
 Site Area (Ha): 0.25
 Search Buffer (m): 1000

Site Details

1, Pearson Way, NEATH, SA11 2EJ

Landmark
 INFORMATION GROUP

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



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



Geotechnical & Geoenvironmental Specialists

BGS Flood GFS Data

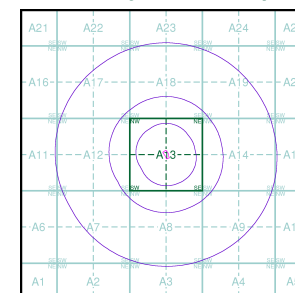
General

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

Agency and Hydrological (Flood)

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

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 281040714_1_1
 Customer Ref: 16819 - Pearson Way
 National Grid Reference: 274640, 195700
 Slice: A
 Site Area (Ha): 0.25
 Search Buffer (m): 1000

Site Details

1, Pearson Way, NEATH, SA11 2EJ



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

General

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

Agency and Hydrological

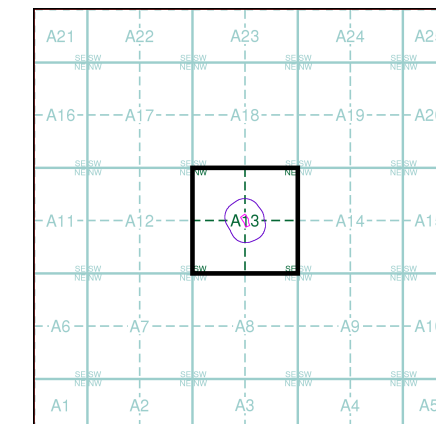
- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- 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
- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Geological

Site Sensitivity Map - Segment A13

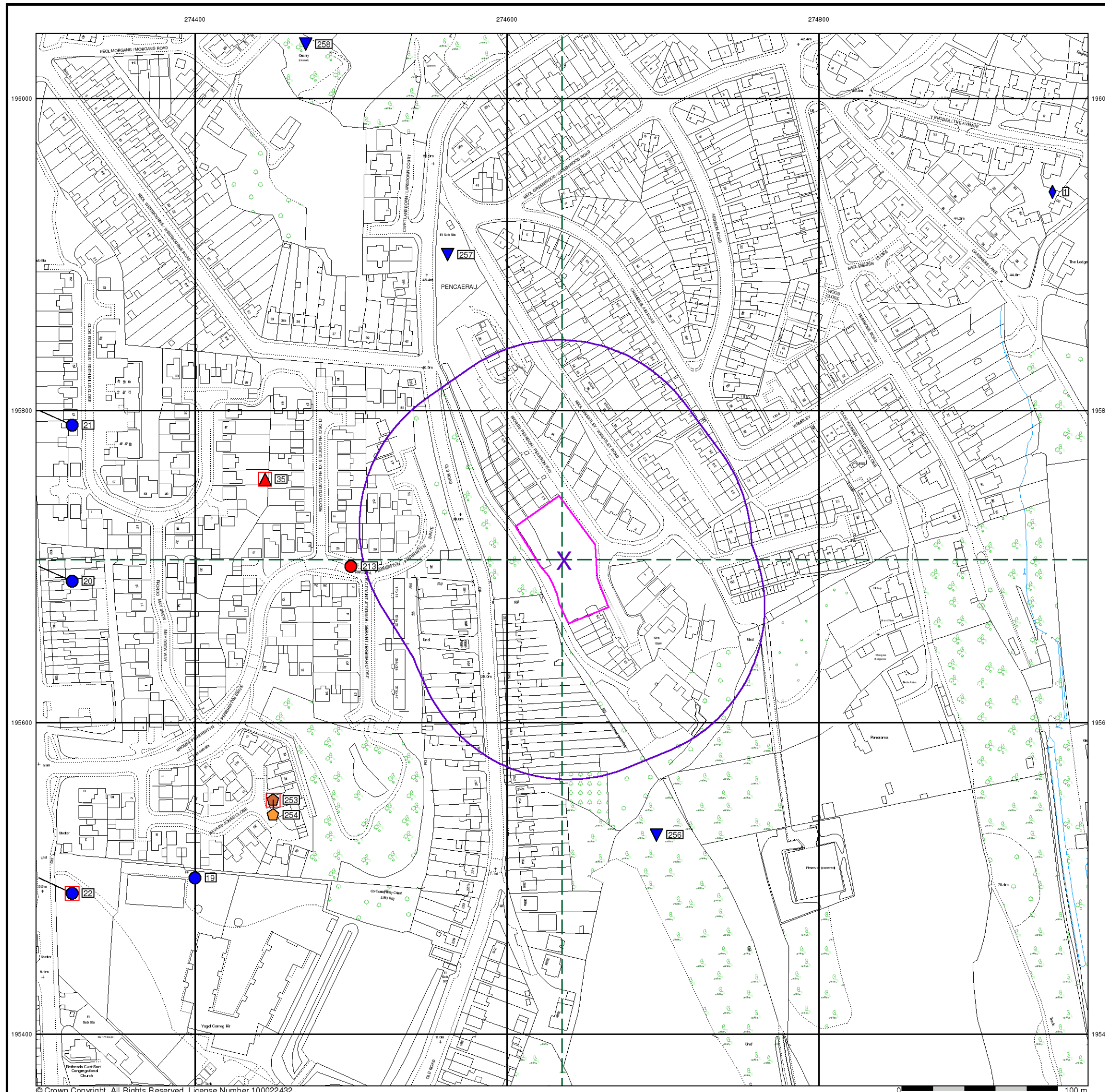


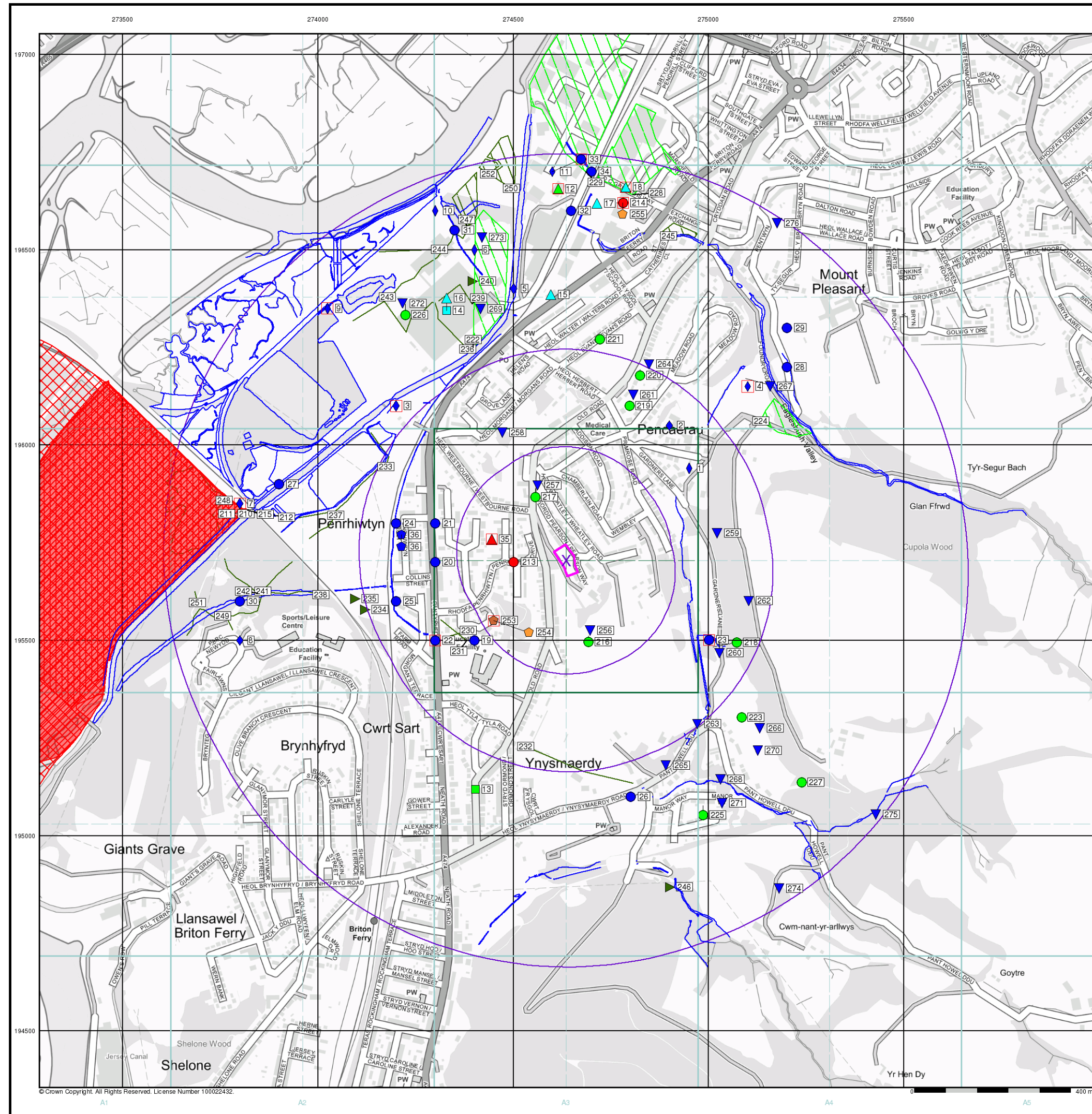
Order Details

Order Number: 281040714_1_1
 Customer Ref: 16819 - Pearson Way
 National Grid Reference: 274640, 195700
 Slice: A
 Site Area (Ha): 0.25
 Plot Buffer (m): 100

Site Details

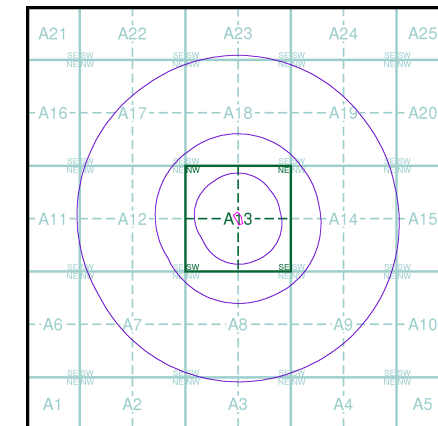
1, Pearson Way, NEATH, SA11 2EJ





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

Site Sensitivity Map - Slice A

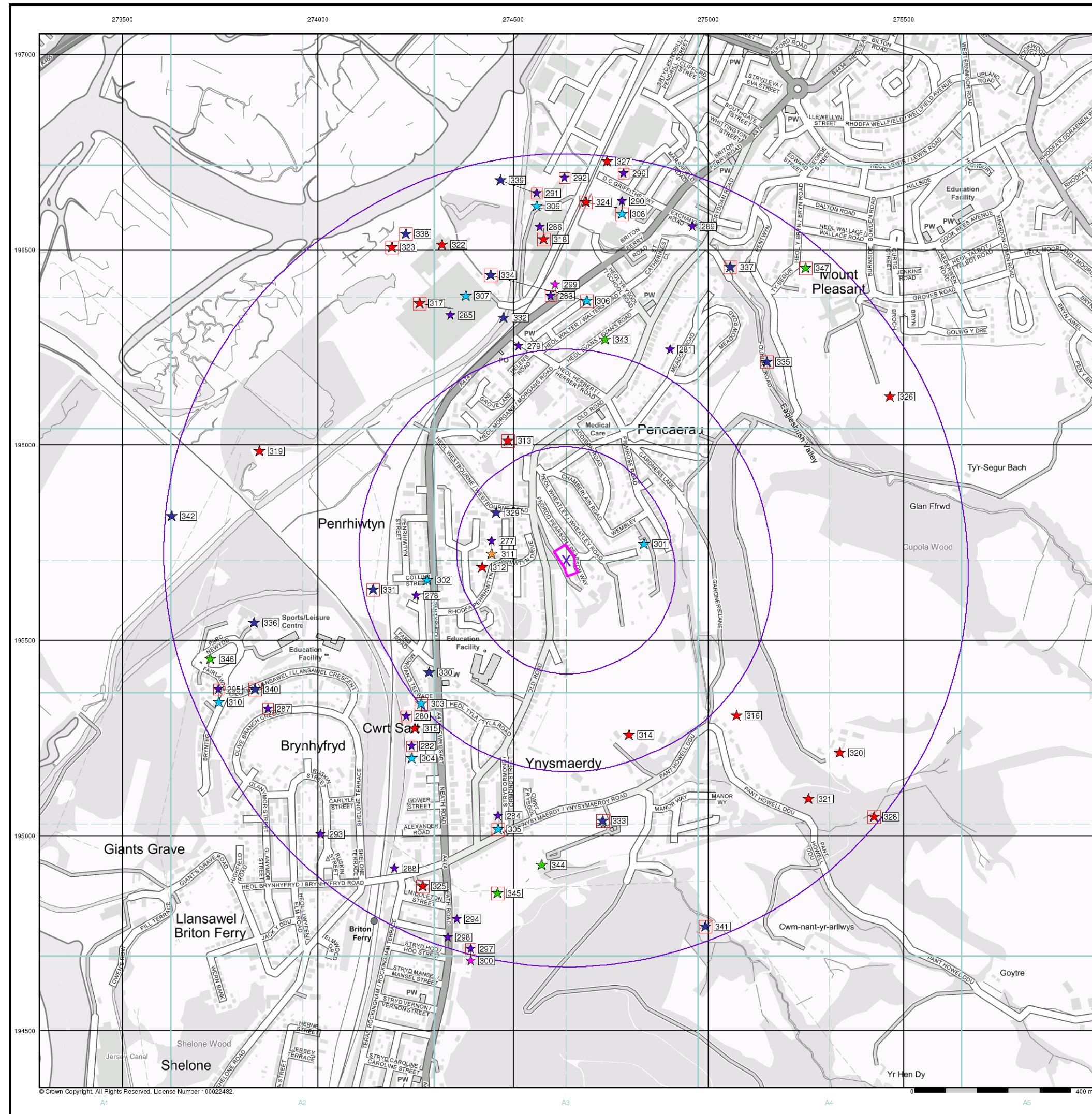


Order Details

Order Number: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 1000

Site Details

1, Pearson Way, NEATH, SA11 2EJ



Geotechnical & Geoenvironmental Specialists
Industrial Land Use Map

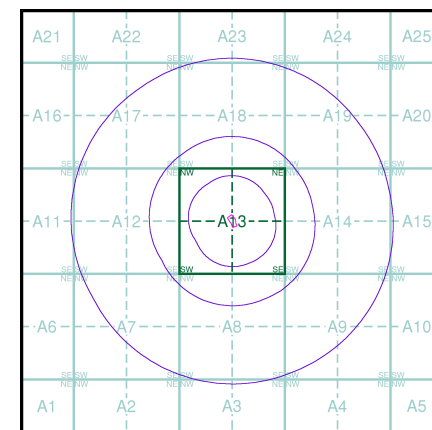
General

- 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

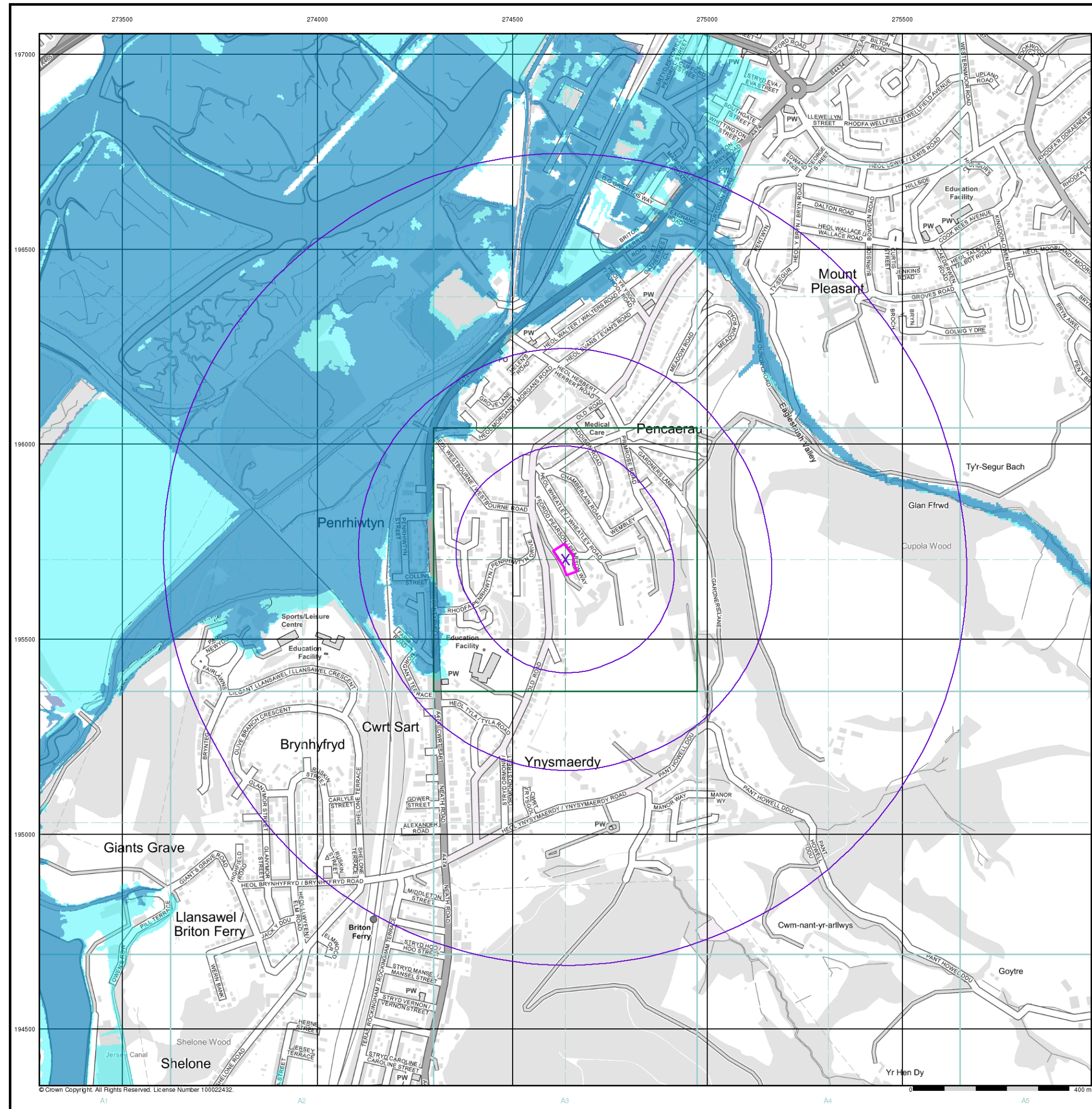
Order Number: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 1000

Site Details

1, Pearson Way, NEATH, SA11 2EJ

Landmark
INFORMATION GROUP

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



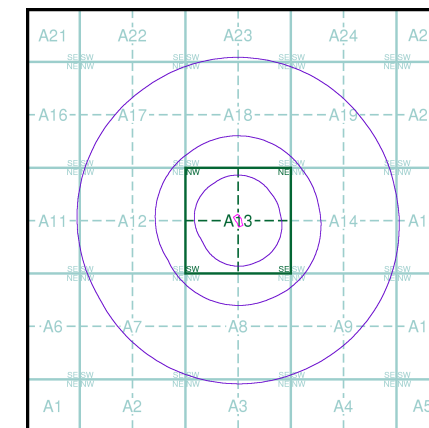
General

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

Agency and Hydrological (Flood)

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

Flood Map - Slice A

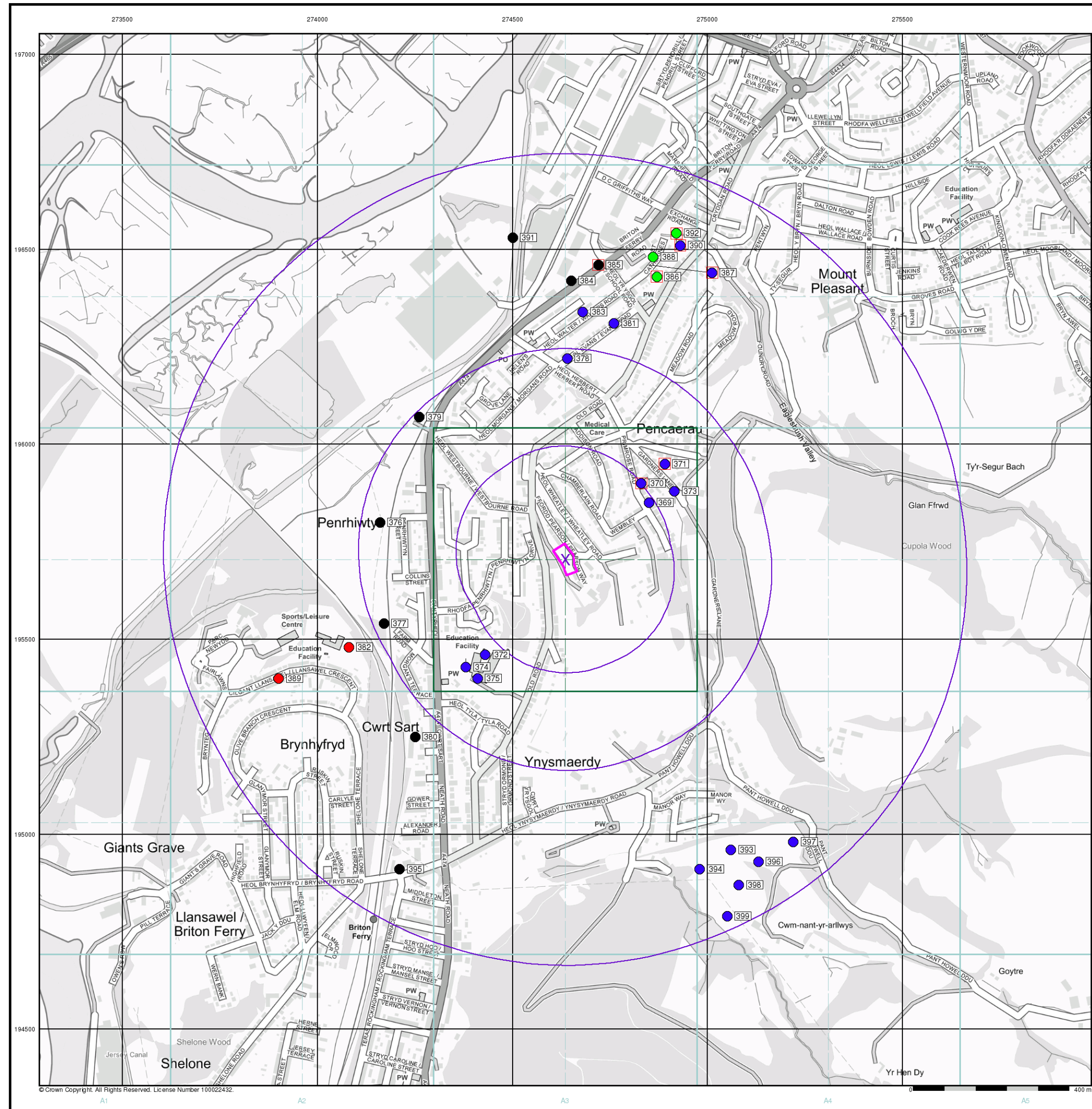


Order Details

Order Number: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 1000

Site Details

1, Pearson Way, NEATH, SA11 2EJ



General

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

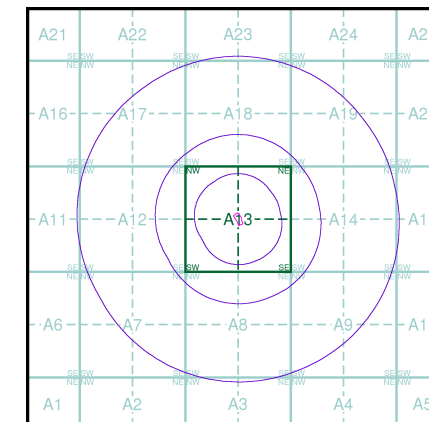
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice A



Order Details

Order Number: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 1000

Site Details

1, Pearson Way, NEATH, SA11 2EJ

General

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

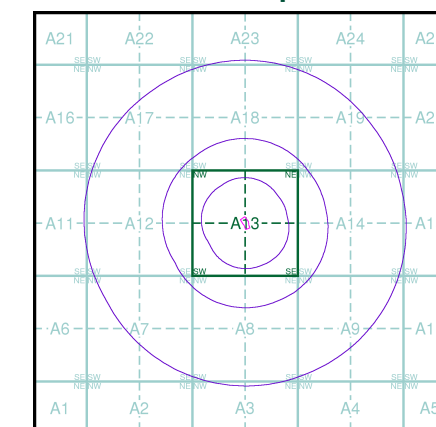
OS Water Network Data

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

Contours (height in meters)

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

OS Water Network Map - Slice A

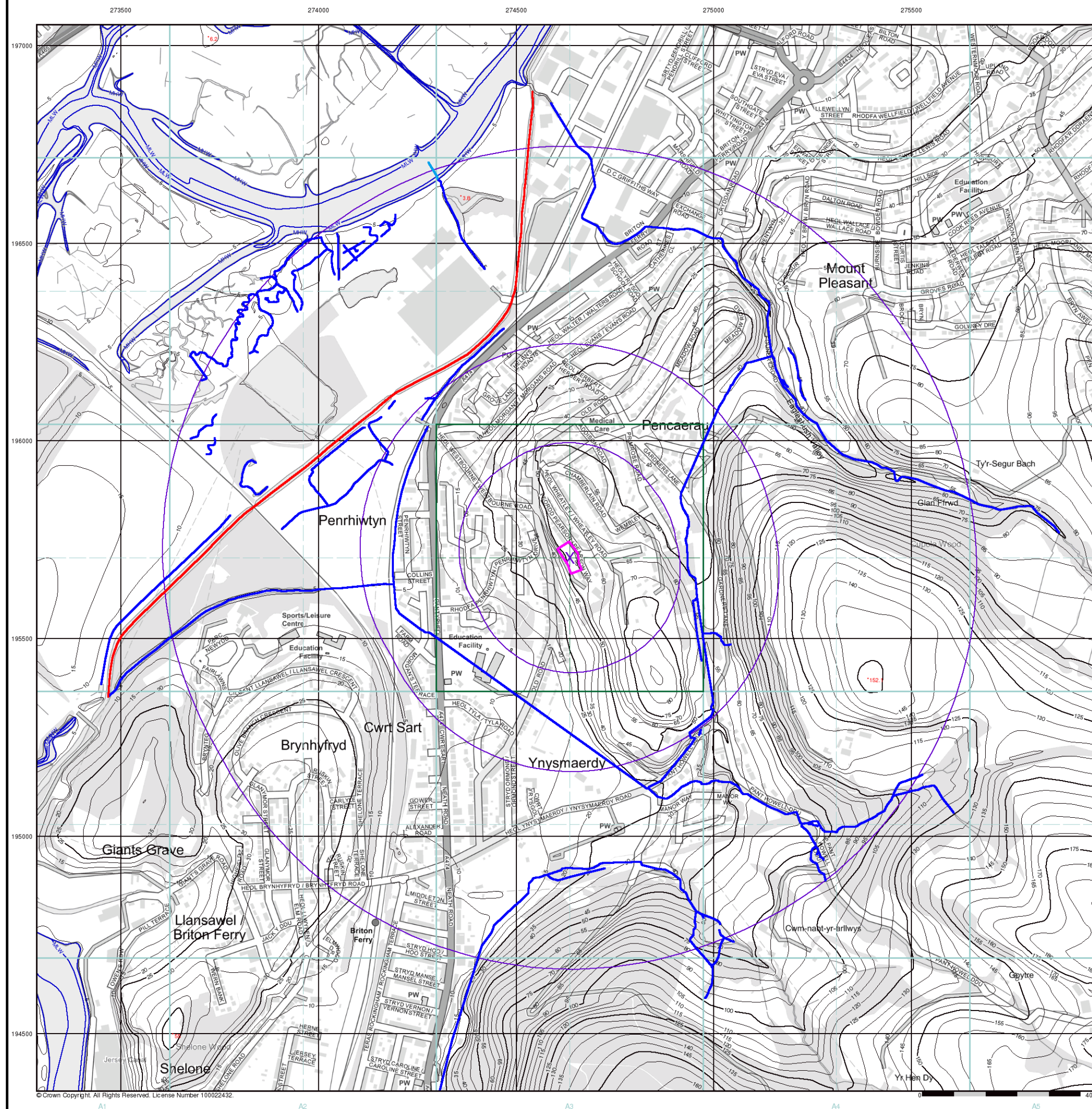


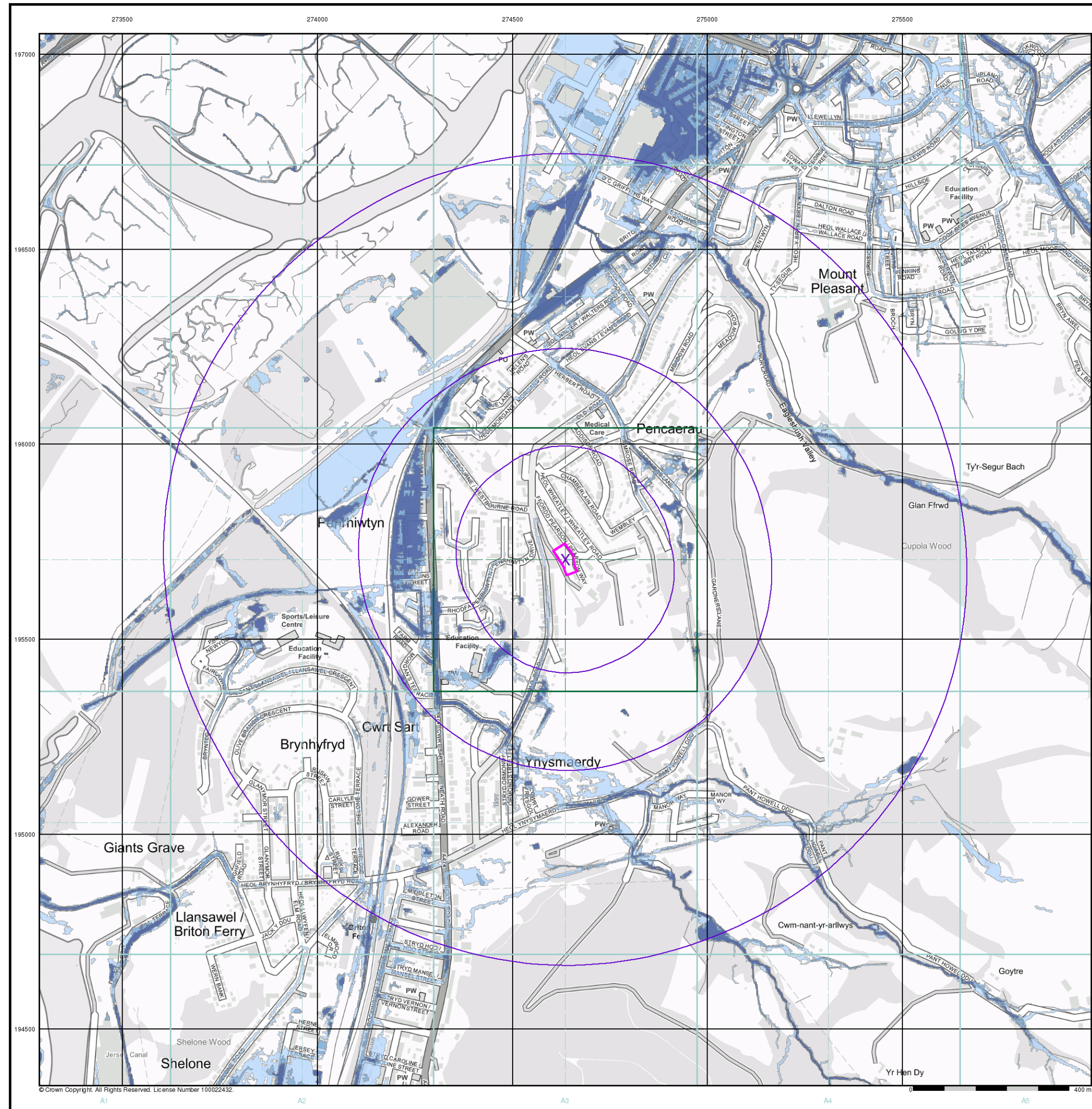
Order Details

Order Number: 281040714_1_1
 Customer Ref: 16819 - Pearson Way
 National Grid Reference: 274640, 195700
 Slice: A
 Site Area (Ha): 0.25
 Search Buffer (m): 1000

Site Details

1, Pearson Way, NEATH, SA11 2EJ





General

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

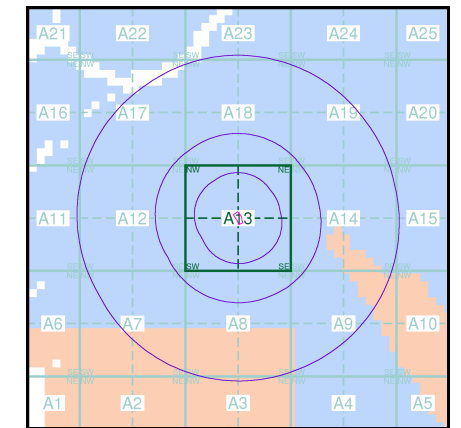
Risk of Flooding from Surface Water

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

Suitability

- See the suitability map below
- National to county
 - County to town
 - Town to street
 - Street to parcels of land
 - Property

E/NRW Suitability Map - Slice A

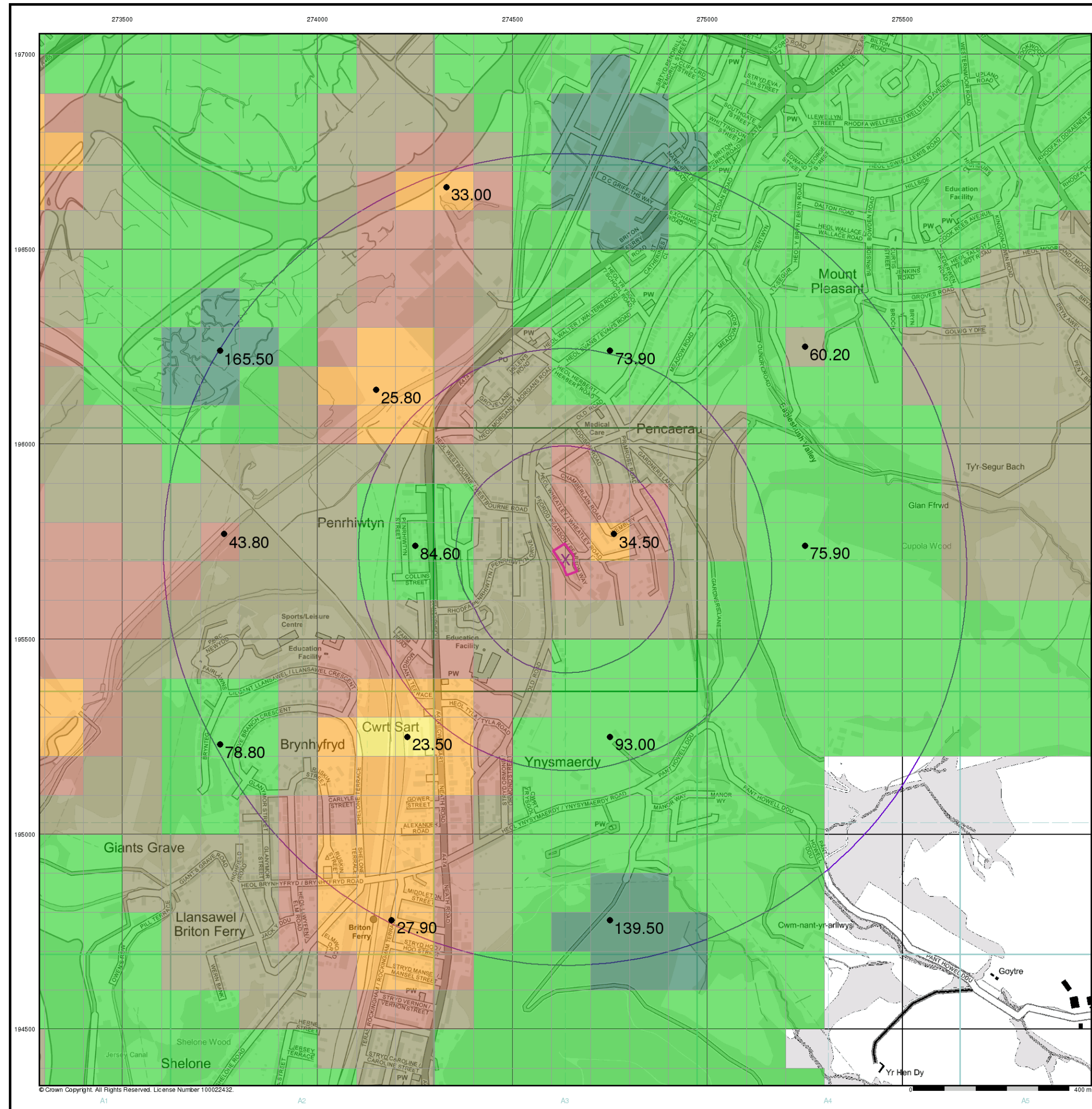


Order Details

Order Number: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 1000

Site Details

1, Pearson Way, NEATH, SA11 2EJ



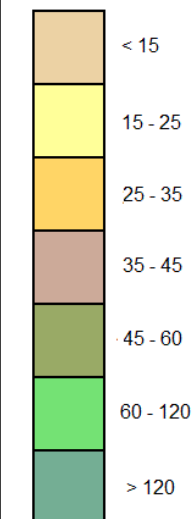
General

Specified Site Specified Buffer(s) Bearing Reference Point

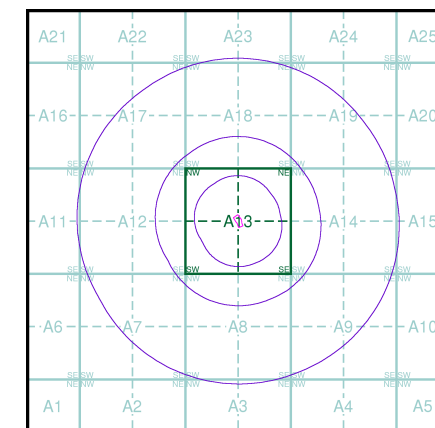
Urban Soil Chemistry Arsenic

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

Arsenic Concentrations mg/kg



Urban Soil Chemistry Arsenic - Slice A

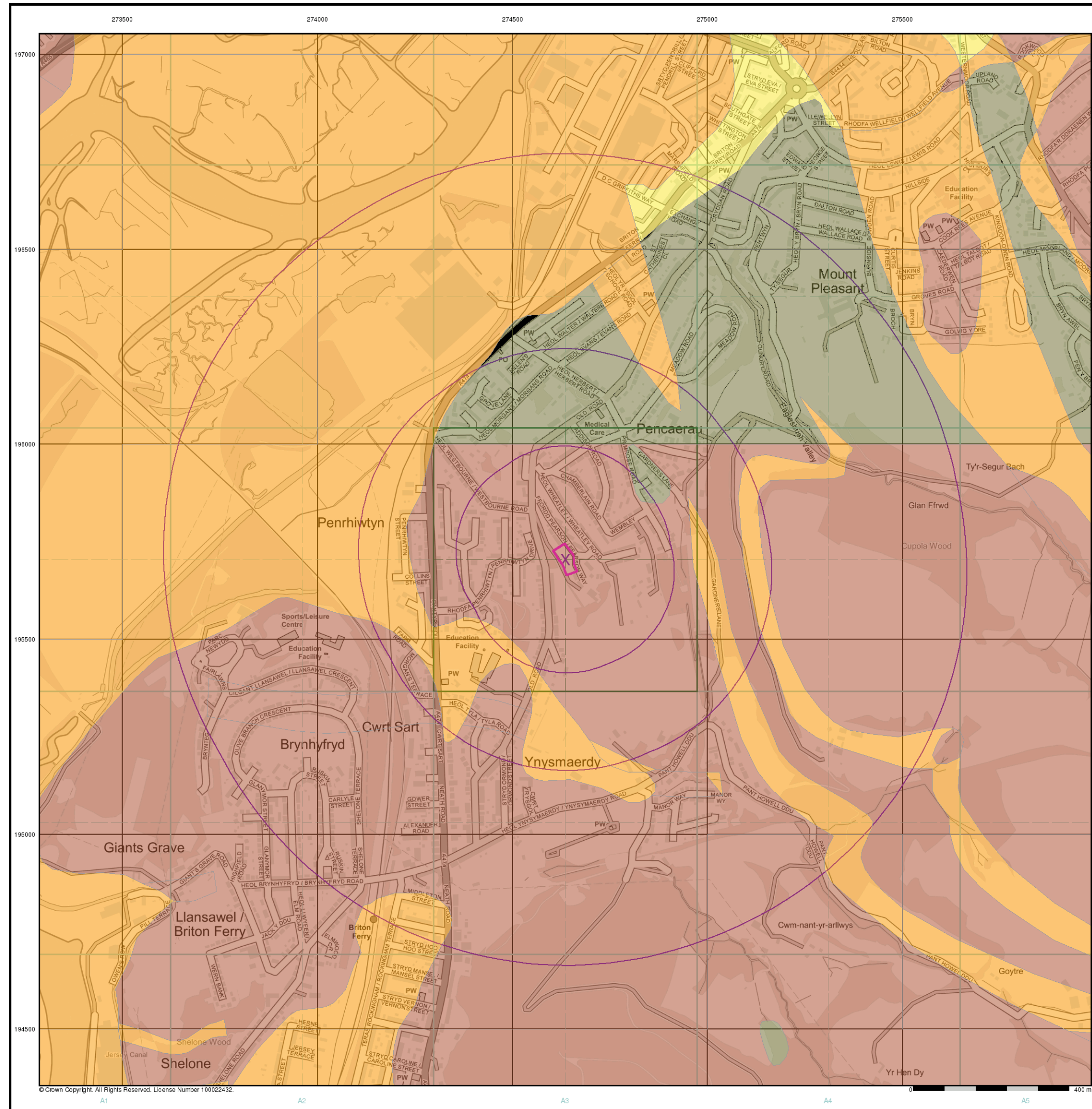


Order Details

Order Details: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search buffer (m): 1000

Site Details

1, Pearson Way, NEATH, SA11 2EJ

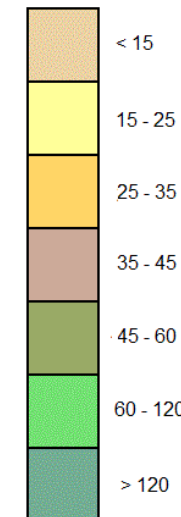


General

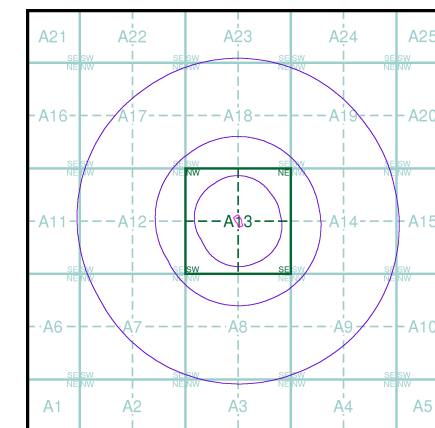
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A

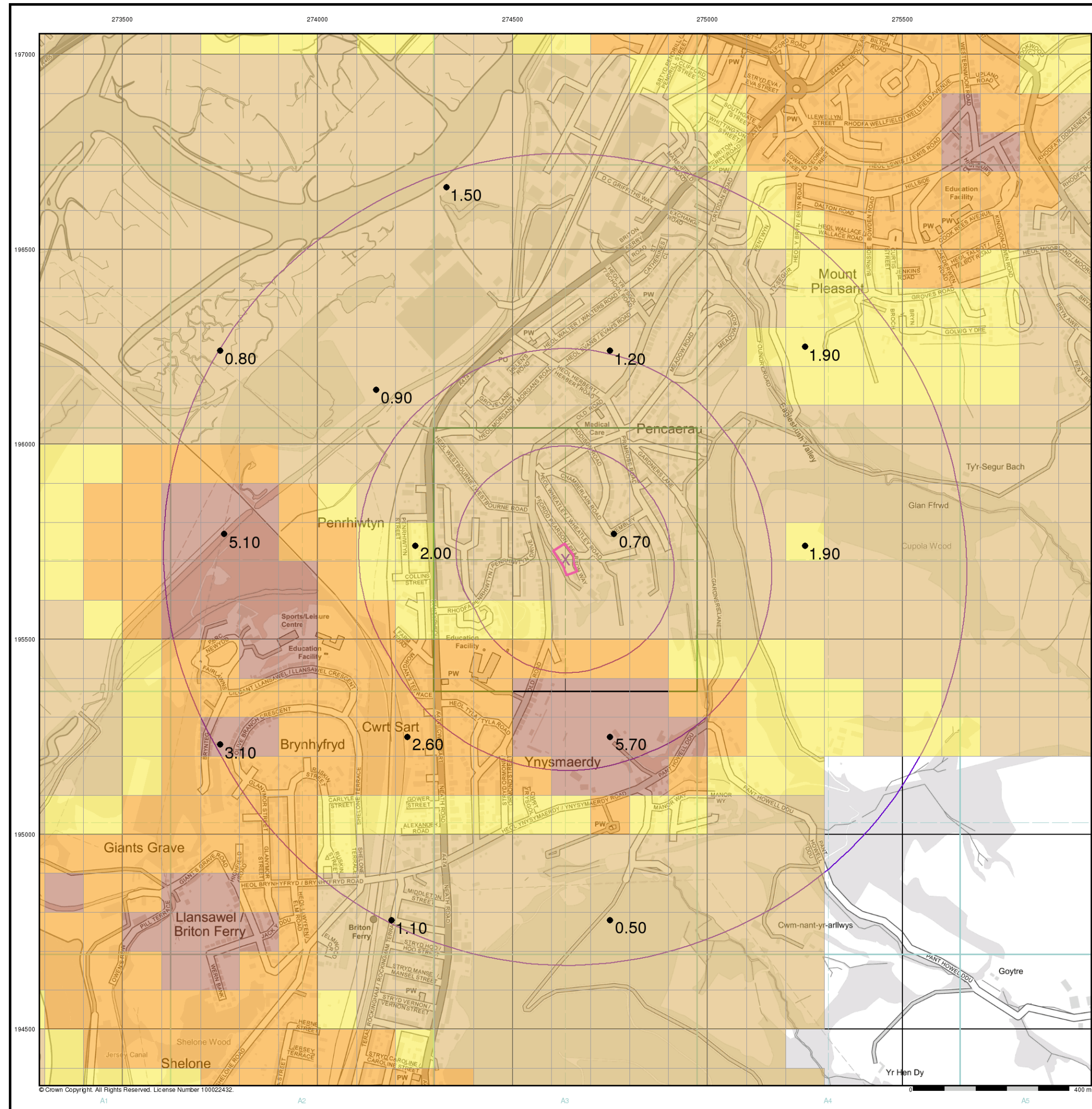


Order Details

Order Details: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search buffer (m): 1000

Site Details

1, Pearson Way, NEATH, SA11 2EJ



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

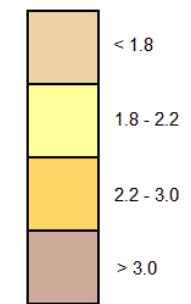
General

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

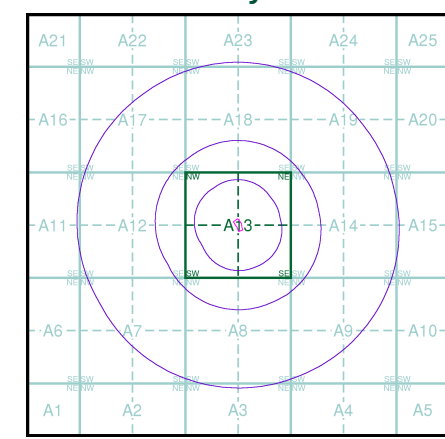
Urban Soil Chemistry Cadmium

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

Cadmium Concentrations mg/kg



Urban Soil Chemistry Cadmium - Slice A



Order Details

Order Details:

Customer Ref:

National Grid Reference:

Slice:

Site Area (Ha):

Search buffer (m):

281040714_1_1

16819 - Pearson Way

274640, 195700

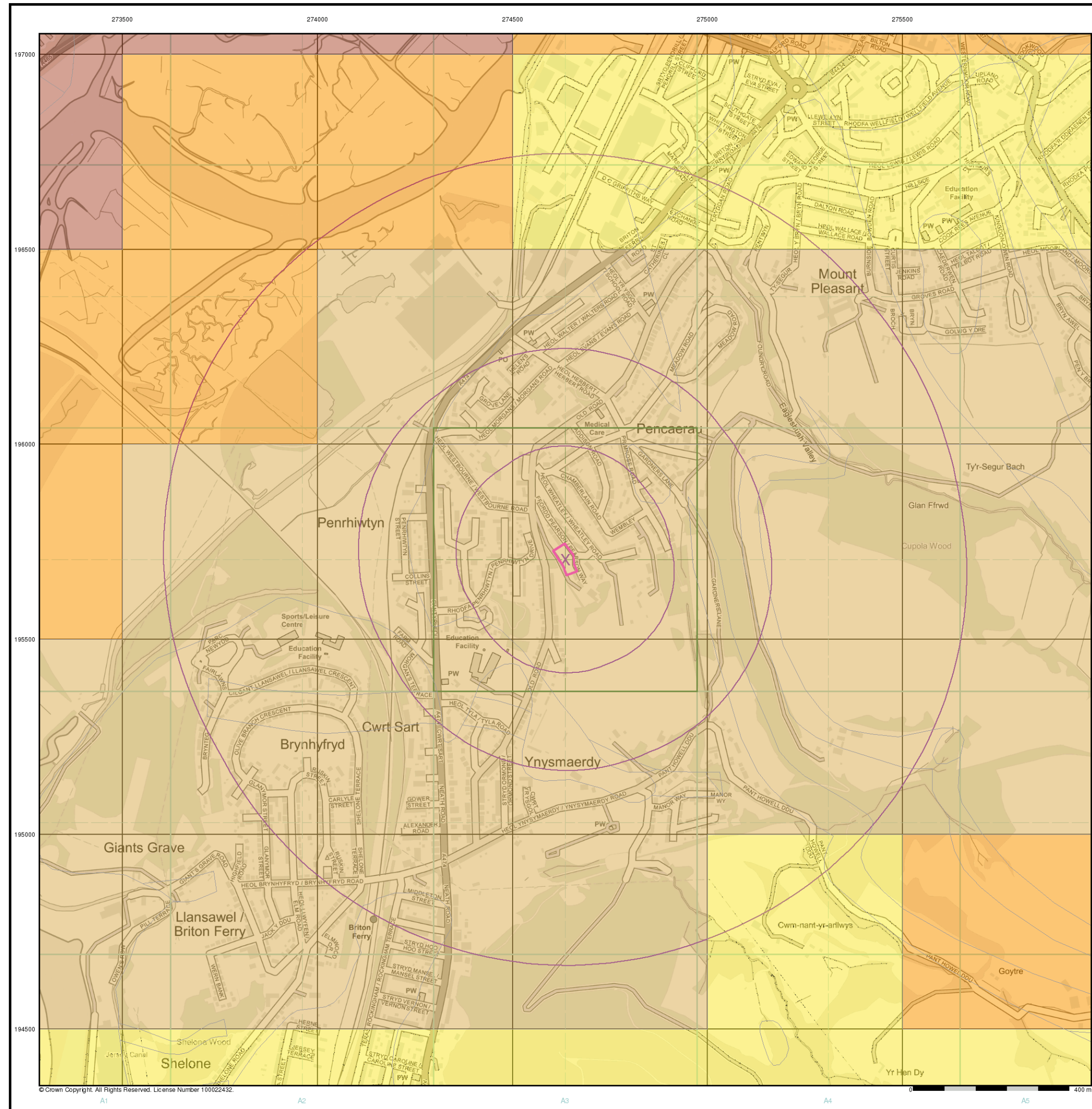
A

0.25

1000

Site Details

1, Pearson Way, NEATH, SA11 2EJ

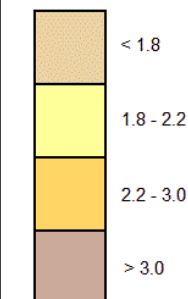


General

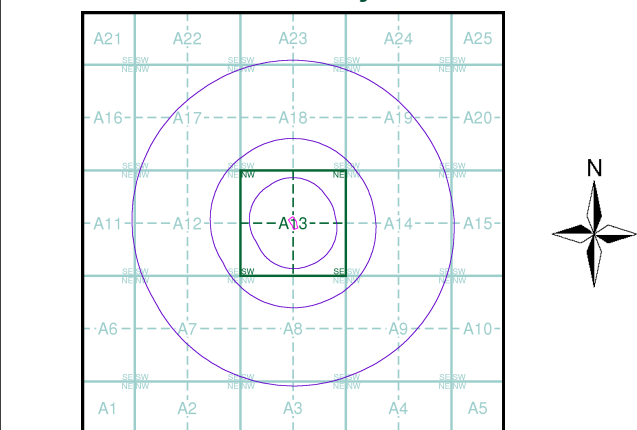
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A

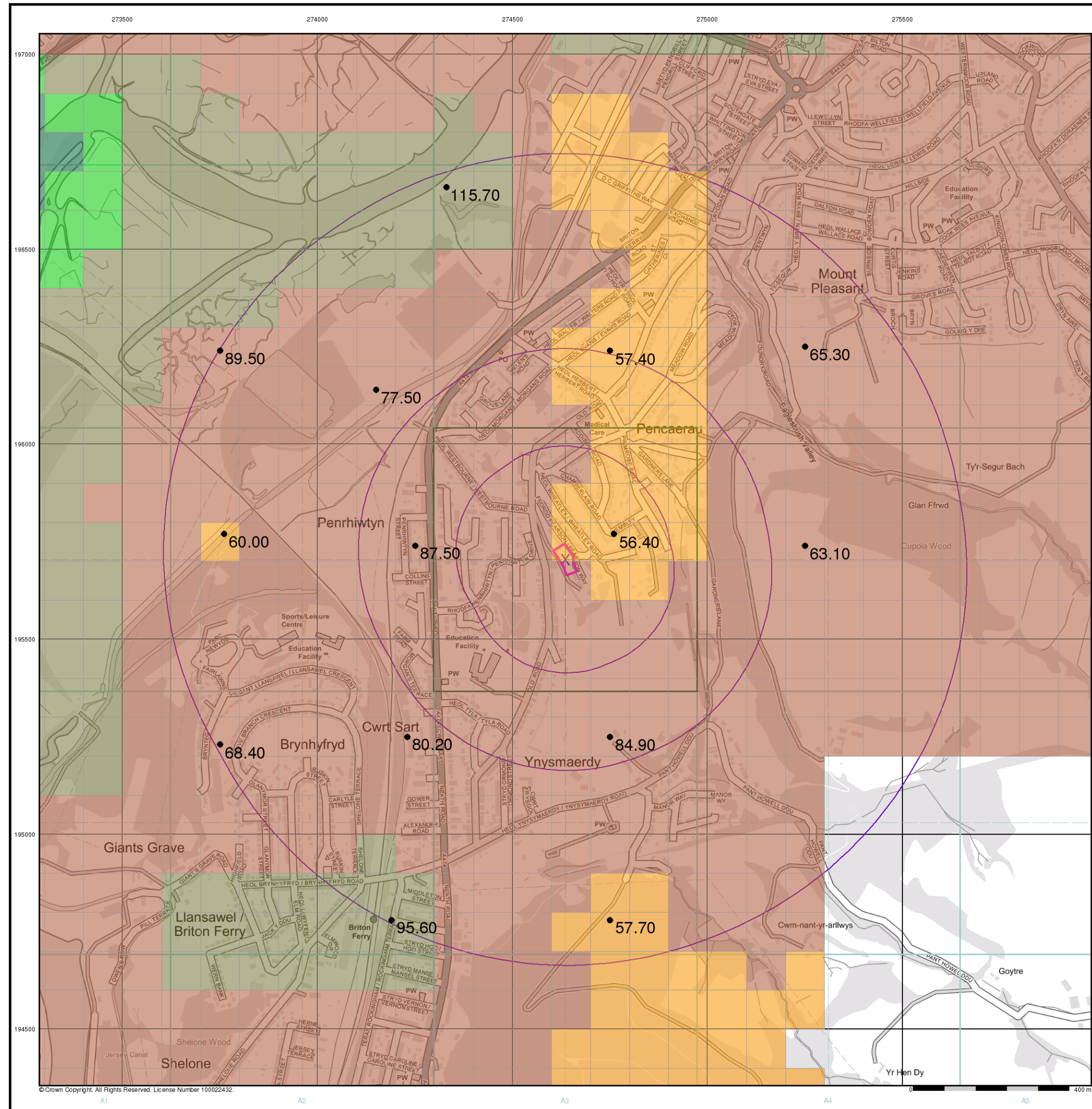


Order Details

Order Details: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search buffer (m): 1000

Site Details

1, Pearson Way, NEATH, SA11 2EJ



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



Geotechnical & Geoenvironmental Specialists

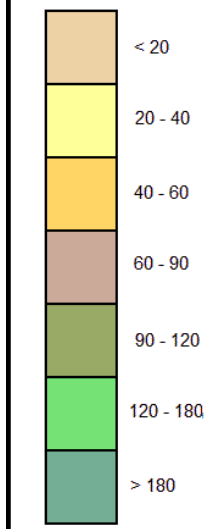
General

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

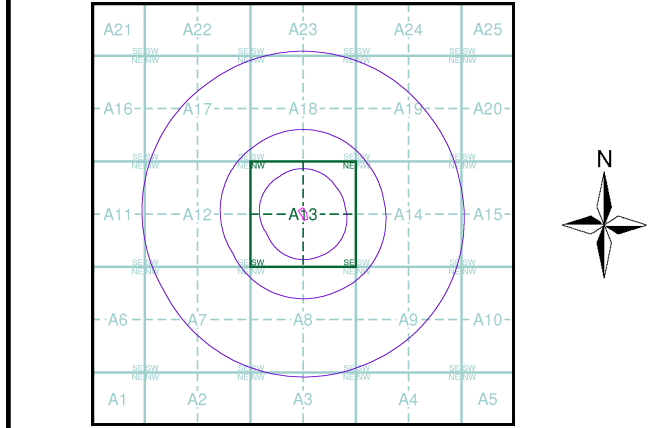
Urban Soil Chemistry Chromium

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

Chromium Concentrations mg/kg



Urban Soil Chemistry Chromium - Slice A



Order Details

Order Details: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search buffer (m): 1000

Site Details

1, Pearson Way, NEATH, SA11 2EJ



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



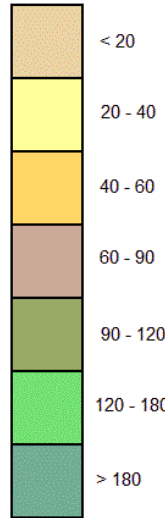
Geotechnical & Geoenvironmental Specialists

General

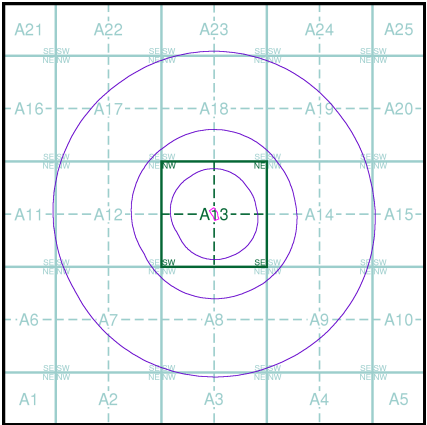
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A



Order Details

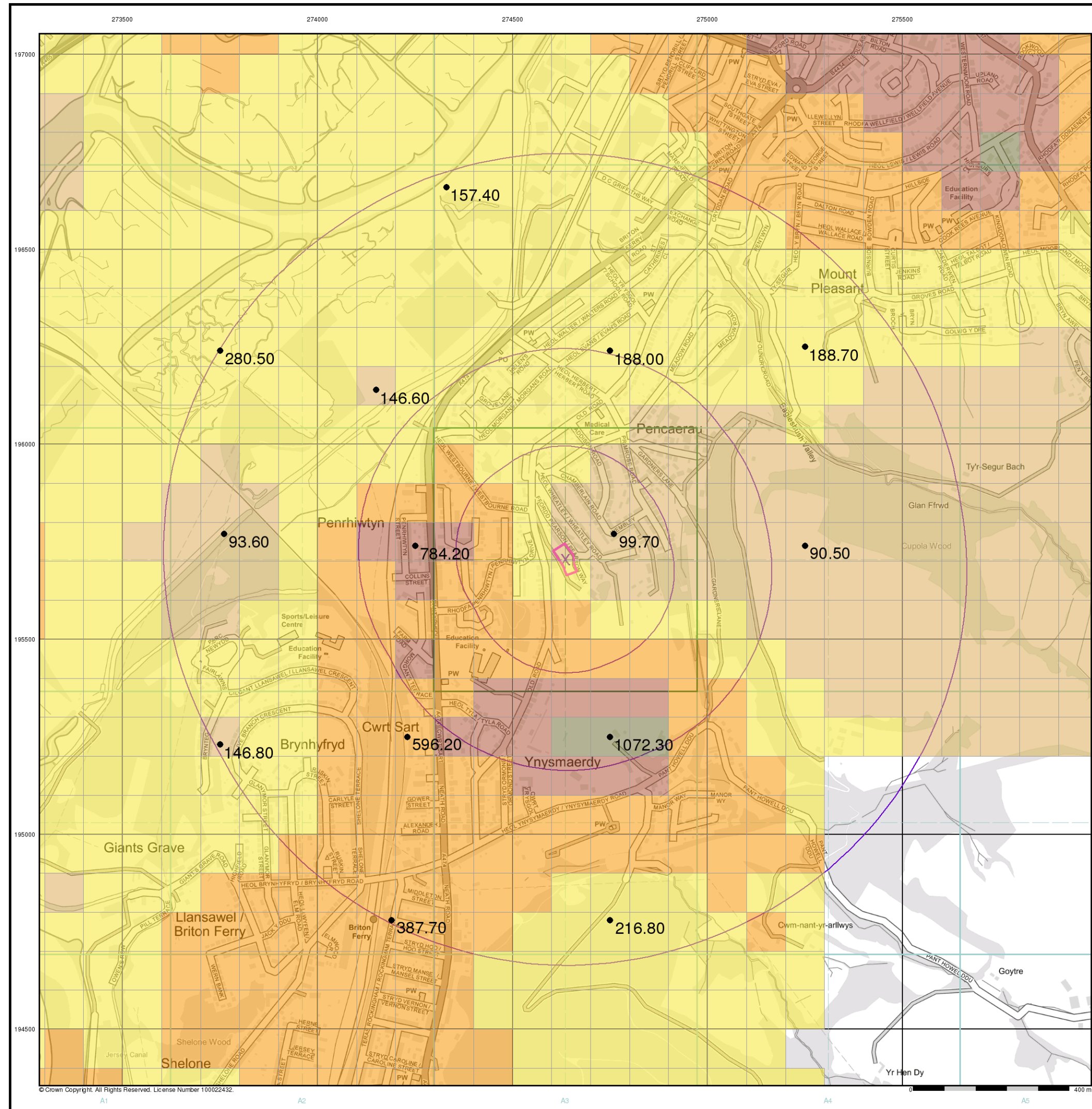
Order Details: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search buffer (m): 1000

Site Details

1, Pearson Way, NEATH, SA11 2EJ



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



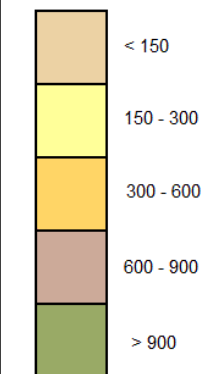
General

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

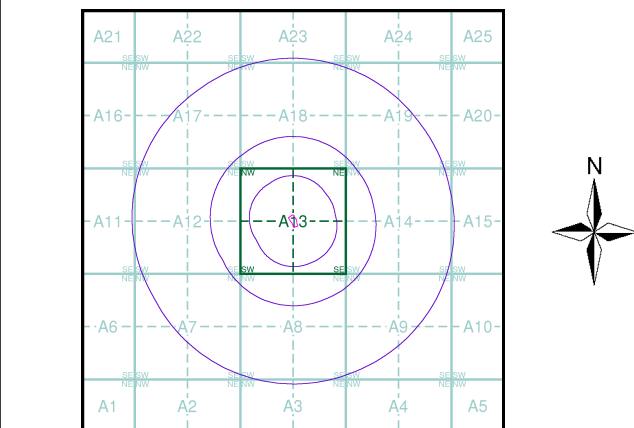
Urban Soil Chemistry Lead

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

Lead Concentrations mg/kg



Urban Soil Chemistry Lead - Slice A

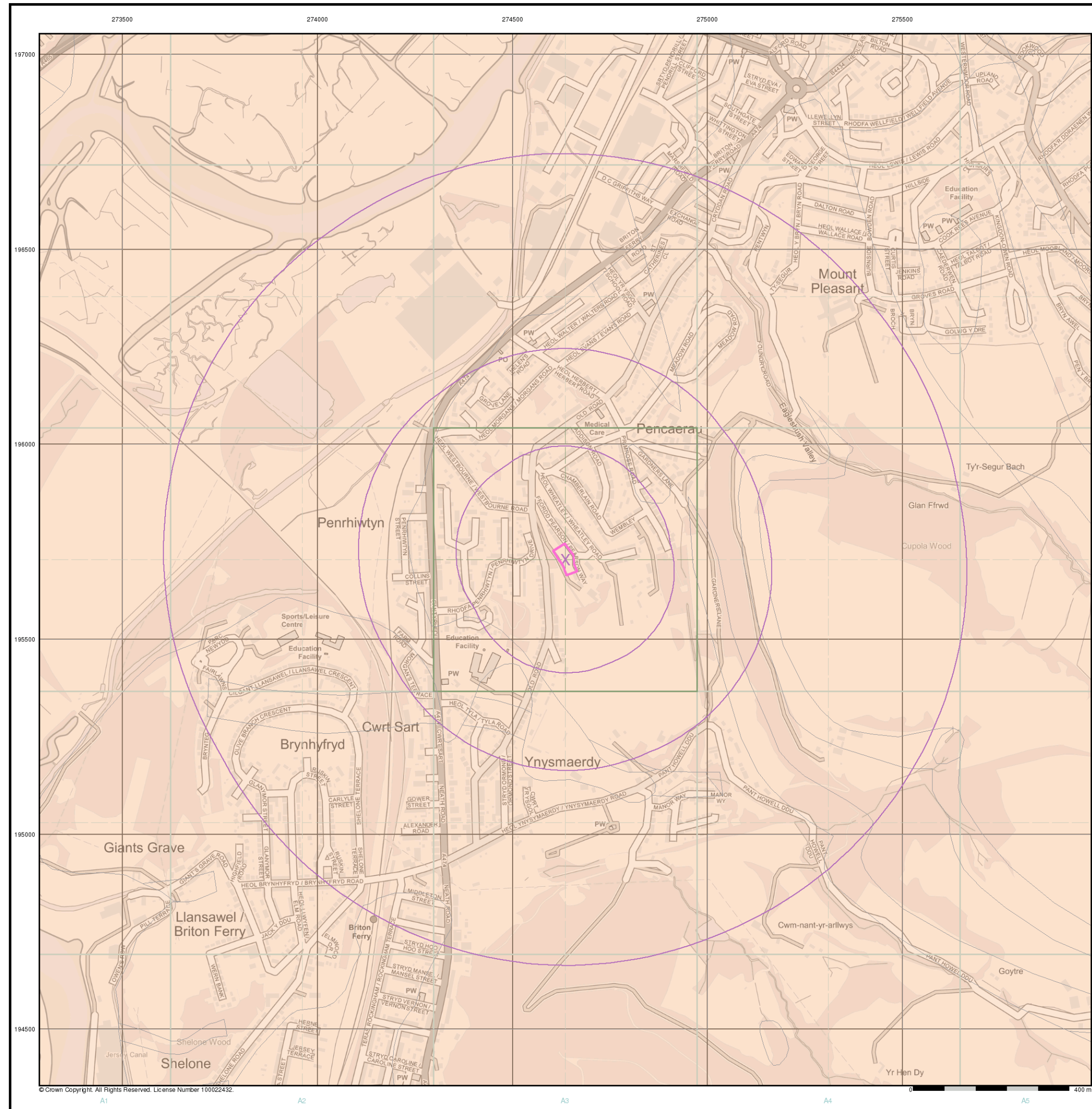


Order Details

Order Details: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search buffer (m): 1000

Site Details

1, Pearson Way, NEATH, SA11 2EJ

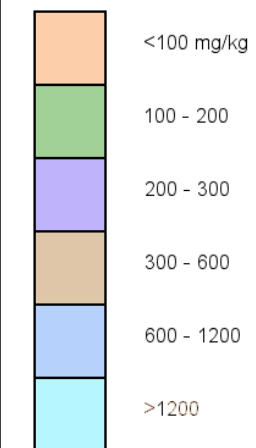


General

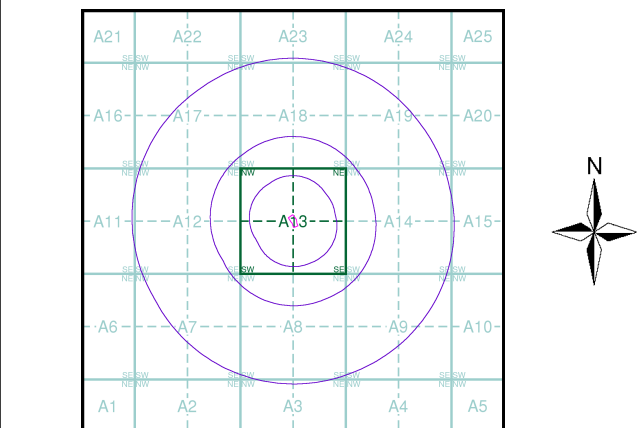
- Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A

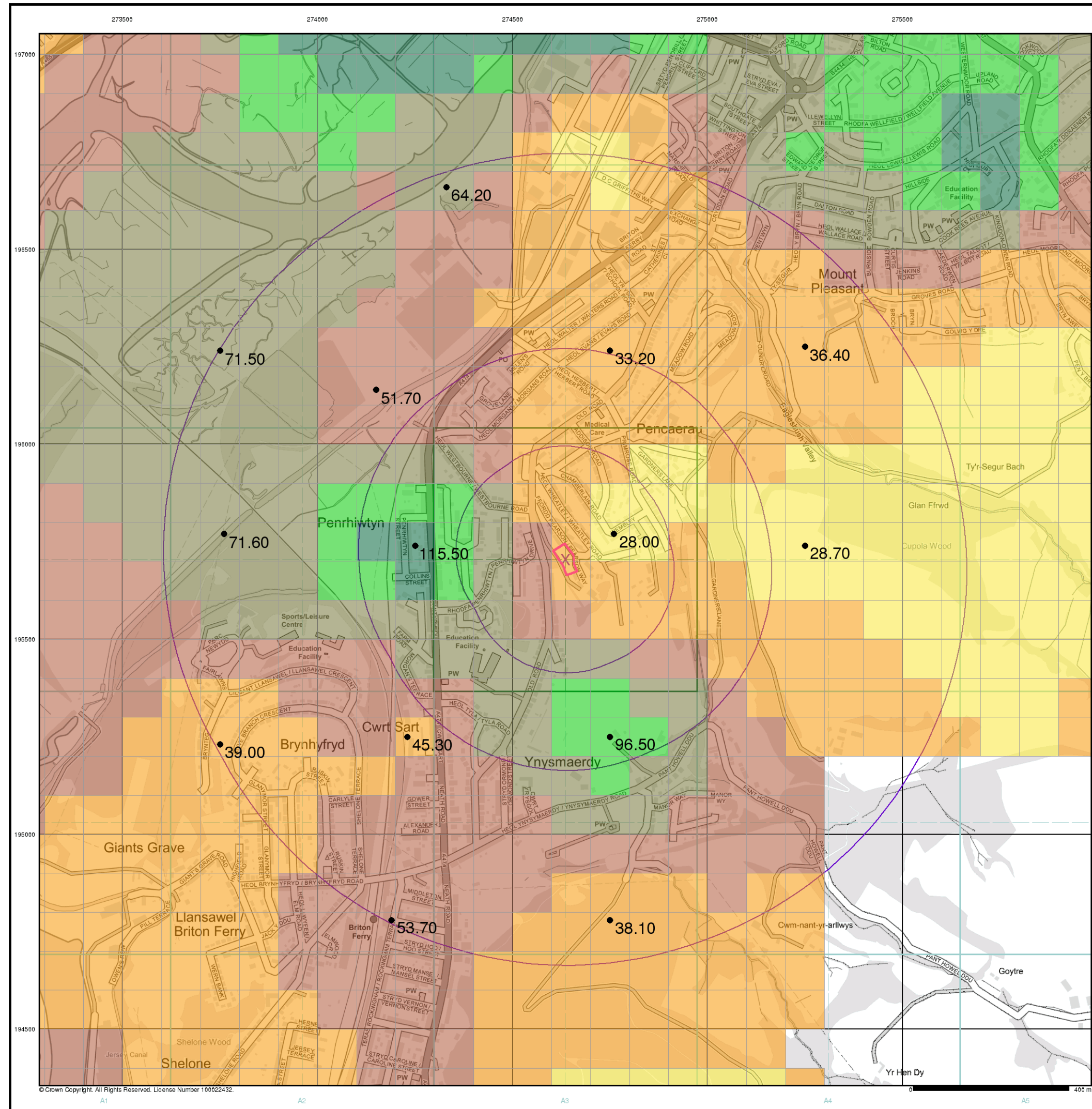


Order Details

Order Details: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search buffer (m): 1000

Site Details

1, Pearson Way, NEATH, SA11 2EJ



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

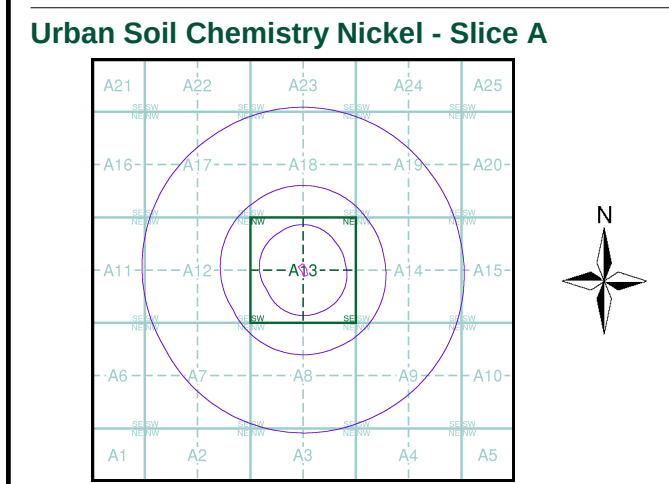
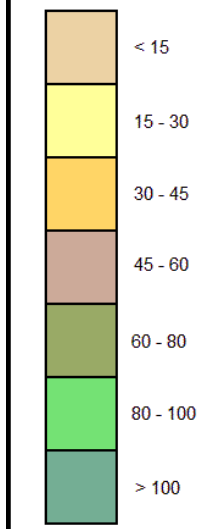


- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point

Urban Soil Chemistry Nickel

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

Nickel Concentrations mg/kg

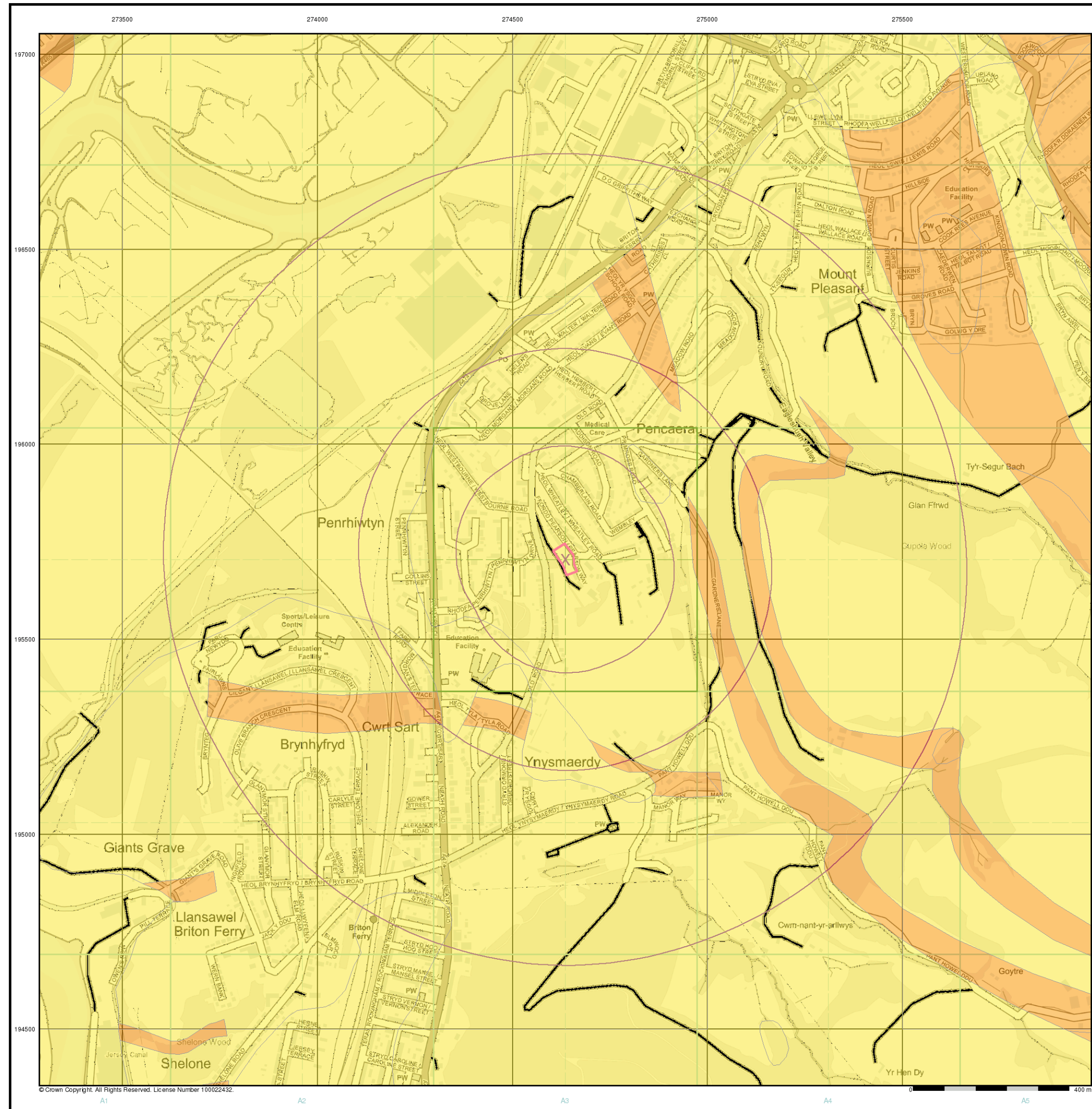


Order Details

Order Details: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search buffer (m): 1000

Site Details

1, Pearson Way, NEATH, SA11 2EJ

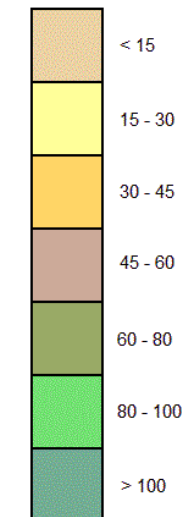


General

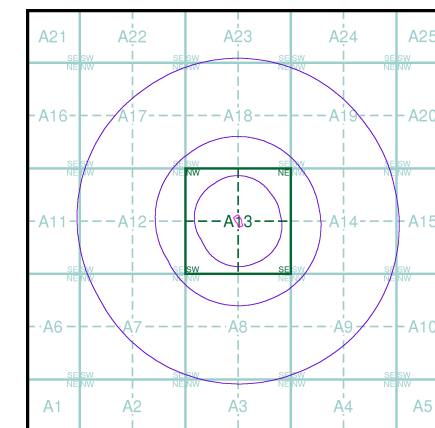
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

Order Details: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search buffer (m): 1000

Site Details

1, Pearson Way, NEATH, SA11 2EJ

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
	WMGR	Infilled Ground	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
	TFD	Tidal Flat Deposits	Clay, Silt and Sand	Not Supplied - Holocene
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	TILLD	Till, Devensian	Diamicton	Not Supplied - Devensian
	GFSD	Glaciofluvial Sheet Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	GFCD	Glaciofluvial Ice Contact Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	PEAT	Peat	Peat	Not Supplied - Quaternary
	BSA	Blown Sand	Sand	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	H	Hughes Member	Sandstone	Not Supplied - Westphalian
	H	Hughes Member	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	BD	Brithdir Member	Sandstone	Not Supplied - Westphalian
	BD	Brithdir Member	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	SW	Swansea Member	Sandstone	Not Supplied - Westphalian

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	SW	Swansea Member	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	RA	Rhondda Member	Sandstone	Not Supplied - Westphalian
	RA	Rhondda Member	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	LLFB	Llynfi Member	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	LLFB	Llynfi Member	Sandstone	Not Supplied - Westphalian
		Rock Segments		
		Faults		



Geotechnical & Geoenvironmental Specialists

Geology 1:50,000 Maps

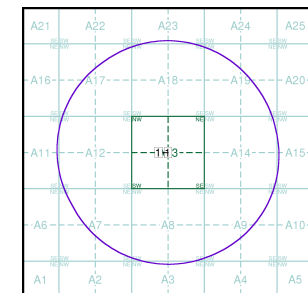
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published 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:	281040714_1_1
Customer Reference:	16819 - Pearson Way
National Grid Reference:	274640, 195700
Slice:	A
Site Area (Ha):	0.25
Search Buffer (m):	1000

Site Details:

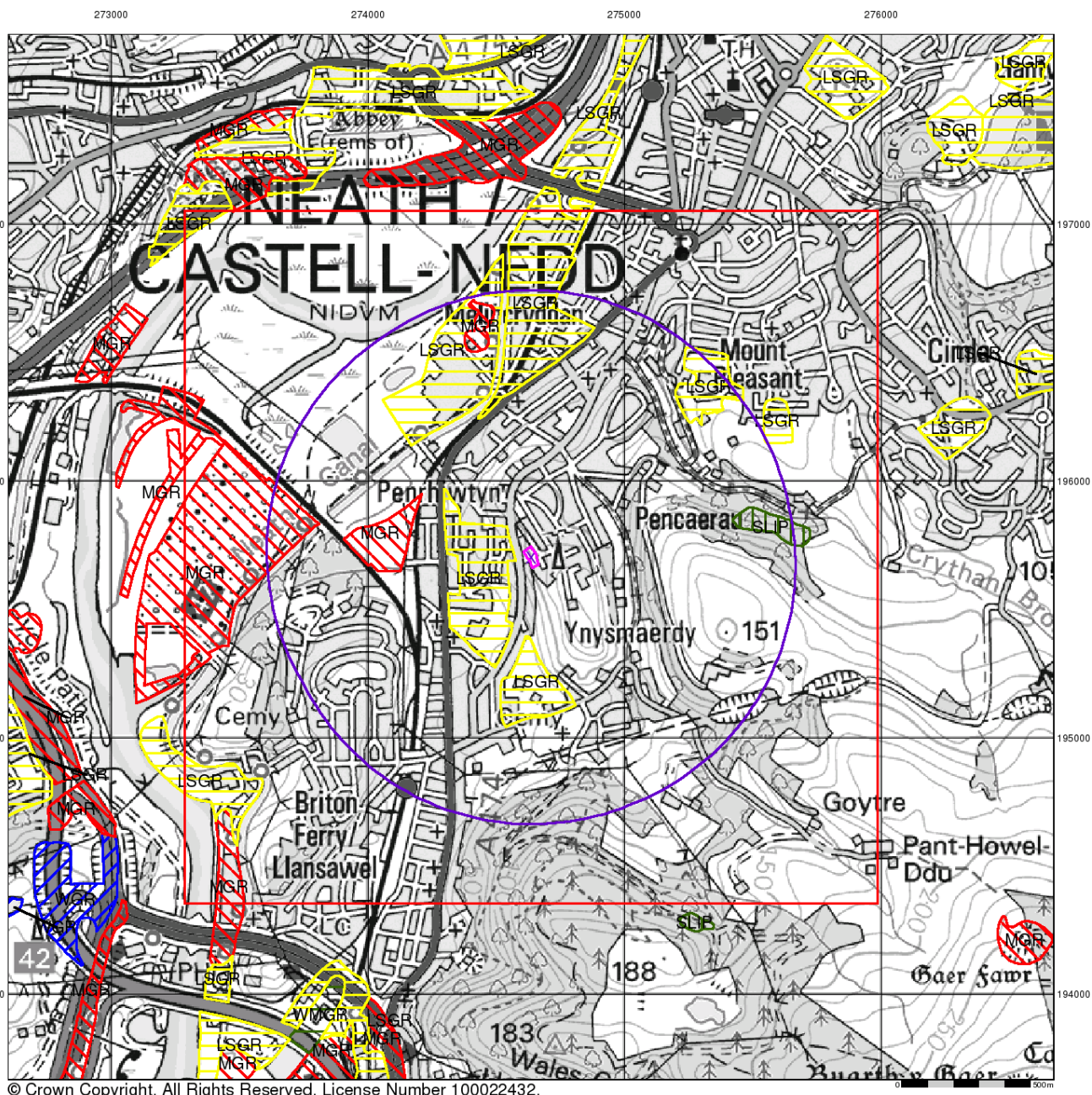
1, Pearson Way, NEATH, SA11 2EJ

Landmark
INFORMATION GROUP

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

v15.0 25-Jun-2021

Page 1 of 5



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



Artificial Ground and Landslip

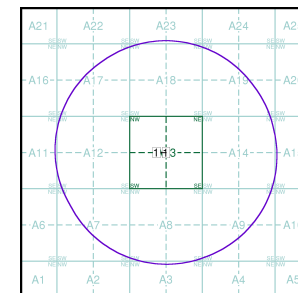
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions 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: 281040714_1_1
 Customer Reference: 16819 - Pearson Way
 National Grid Reference: 274640, 195700
 Slice: A
 Site Area (Ha): 0.25
 Search Buffer (m): 1000

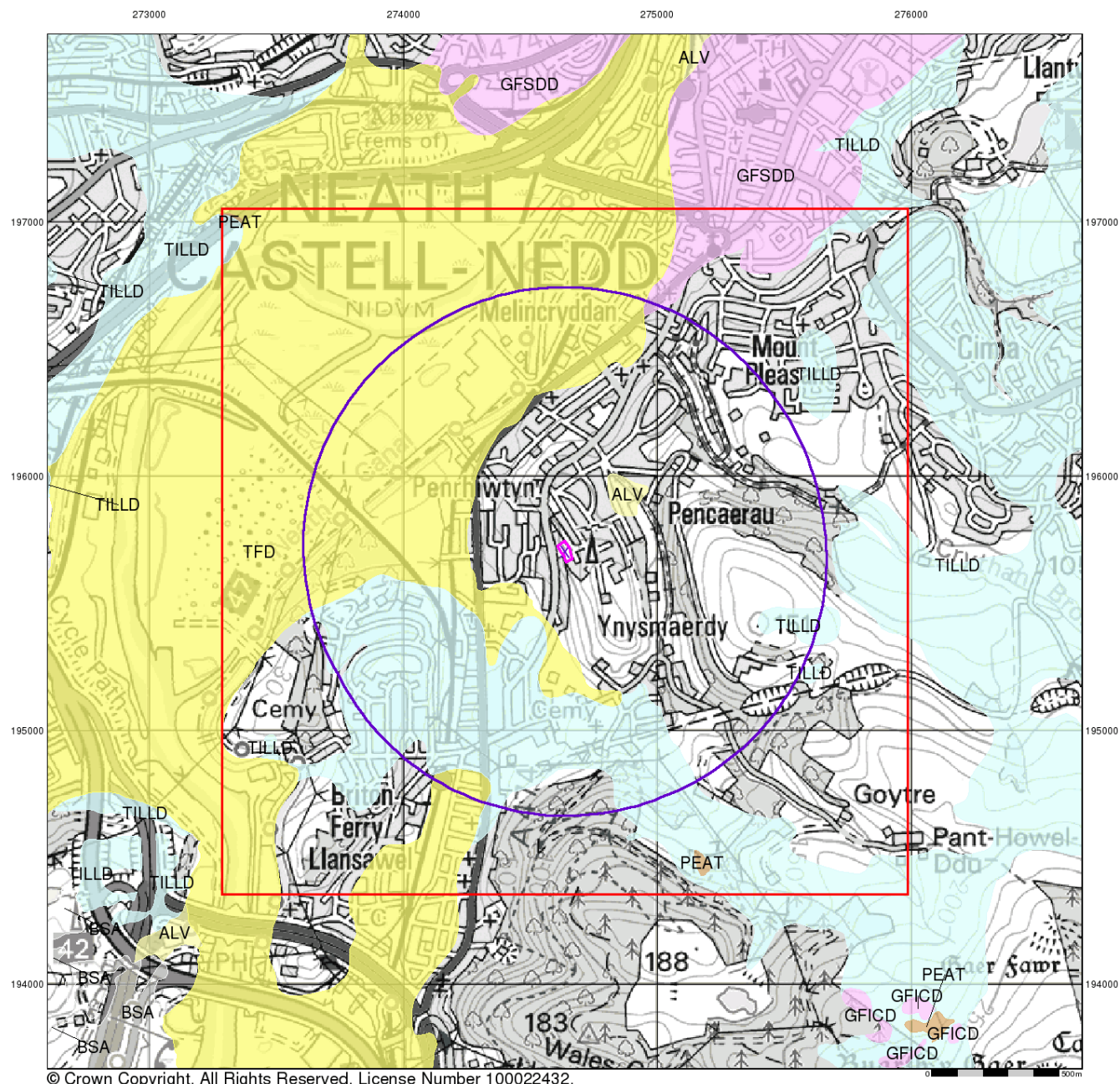
Site Details:

1, Pearson Way, NEATH, SA11 2EJ

Landmark
 INFORMATION GROUP

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

v15.0 25-Jun-2021



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



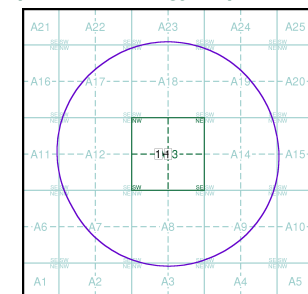
Superficial Geology

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: 281040714_1_1
 Customer Reference: 16819 - Pearson Way
 National Grid Reference: 274640, 195700
 Slice: A
 Site Area (Ha): 0.25
 Search Buffer (m): 1000

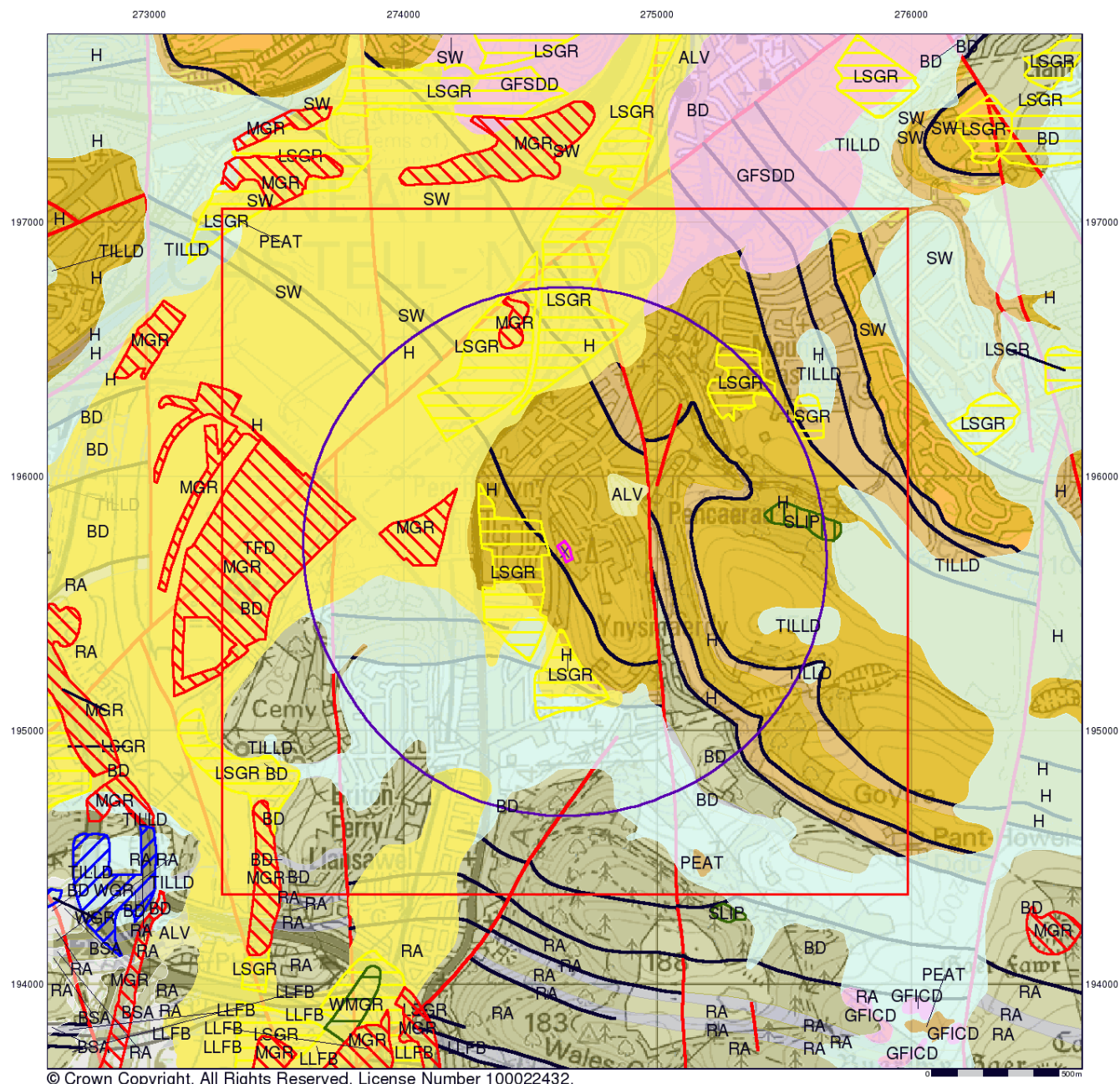
Site Details:

1, Pearson Way, NEATH, SA11 2EJ



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

v15.0 25-Jun-2021



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



Geotechnical & Geoenvironmental Specialists

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.

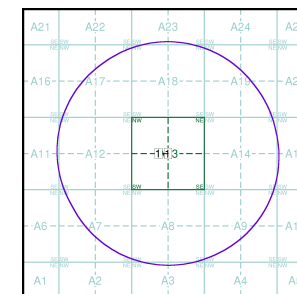
Additional Information

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: 281040714_1_1
Customer Reference: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 1000

Site Details:

1, Pearson Way, NEATH, SA11 2EJ



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

v15.0 25-Jun-2021

Page 5 of 5

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

	Quarry		Gravel Pit		Sand Pit
	Clay Pit		Shingle		Refuse Heap
	Sloping Masonry		Flat Rock		
	Marsh		Reeds		Osiers
	Rough Pasture		Furze		Wood
	Mixed Wood		Brushwood		Orchard
	Fir		Ford		Stepping Stones
	Ferry		Waterfall		Lock
	Trig. Station	507		Altitude at Trig. Station	
B.M. 325.9	Bench Mark	342		Surface Level	
	Arrow denotes flow of water		Antiquities (site of)		
	Cutting		Embankment		
	Railway crossing Road		Level Crossing		Road crossing Railway
	Railway crossing River or Canal		Road over single stream		Road over River or Canal
-----	County Boundary (Geographical)				
- . - . - .	County & Civil Parish Boundary				
+ . + . + .	Administrative County & Civil Parish Boundary				
Co. Boro. Bdy.	County Borough Boundary (England)				
Co. Burgh Bdy.	County Burgh Boundary (Scotland)				
B.P.	Boundary Post or Stone	P.C.B.	Police Call Box		
B.R.	Bridle Road	P	Pump		
E.P.	Electricity Pylon	S.P.	Signal Post		
F.B.	Foot Bridge	Sl.	Sluice		
F.P.	Foot Path	Sp.	Spring		
G.P.	Guide Post or Board	T.C.B.	Telephone Call Box		
M.S.	Mile Stone	Tr.	Trough		
M.P.M.R.	Mooring Post or Ring	W	Well		

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

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



Mapping Type	Scale	Date	Pg
Glamorganshire	1:2,500	1878 - 1882	2
Glamorganshire	1:2,500	1899	3
Glamorganshire	1:2,500	1918 - 1919	4
Glamorganshire	1:2,500	1935 - 1941	5
Ordnance Survey Plan	1:1,250	1951	6
Ordnance Survey Plan	1:2,500	1952	7
Ordnance Survey Plan	1:1,250	1958 - 1967	8
Ordnance Survey Plan	1:2,500	1964 - 1970	9
Ordnance Survey Plan	1:1,250	1967	10
Ordnance Survey Plan	1:1,250	1971	11
Additional SIMs	1:1,250	1979 - 1989	12
Additional SIMs	1:1,250	1987 - 1989	13
Additional SIMs	1:1,250	1989	14
Large-Scale National Grid Data	1:1,250	1993	15
Large-Scale National Grid Data	1:1,250	1995	16
Historical Aerial Photography	1:2,500	2000	17

Order Number: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 100

1, Pearson Way, NEATH, SA11 2EJ



Geotechnical & Geoenvironmental Specialists

Glamorganshire

Published 1878 - 1882

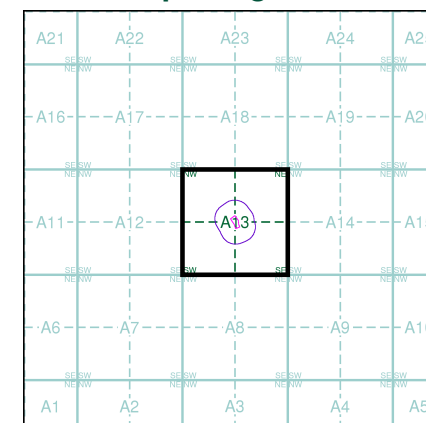
Source map scale - 1:2,500

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)

015_16 1881 1:2,500	016_13 1881 1:2,500
024_04 1882 1:2,500	025_01 1878 1:2,500

Historical Map - Segment A13



Order Details

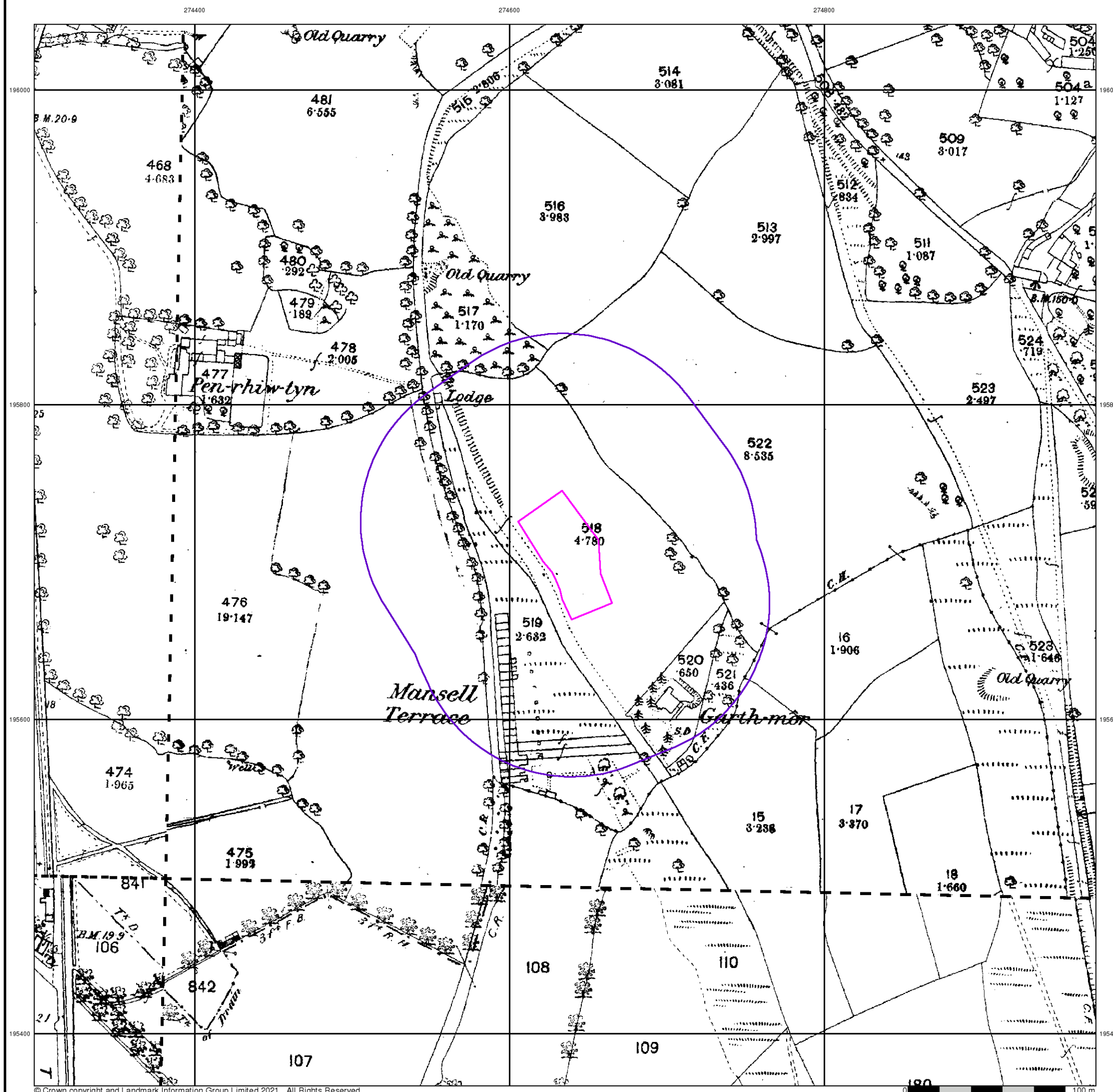
Order Number: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 100

Site Details

1, Pearson Way, NEATH, SA11 2EJ

Landmark
INFORMATION GROUP

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





Geotechnical & Geoenvironmental Specialists

Glamorganshire

Published 1899

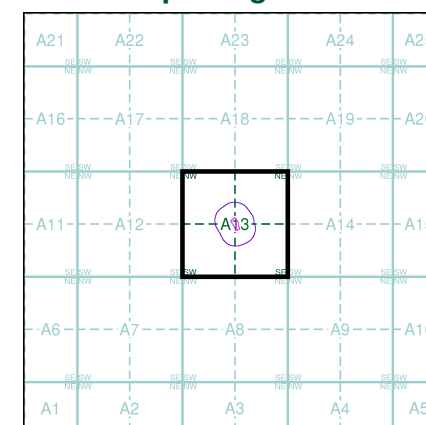
Source map scale - 1:2,500

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)

015_16 1899 1:2,500	016_13 1899 1:2,500
024_04 1899 1:2,500	025_01 1899 1:2,500

Historical Map - Segment A13



Order Details

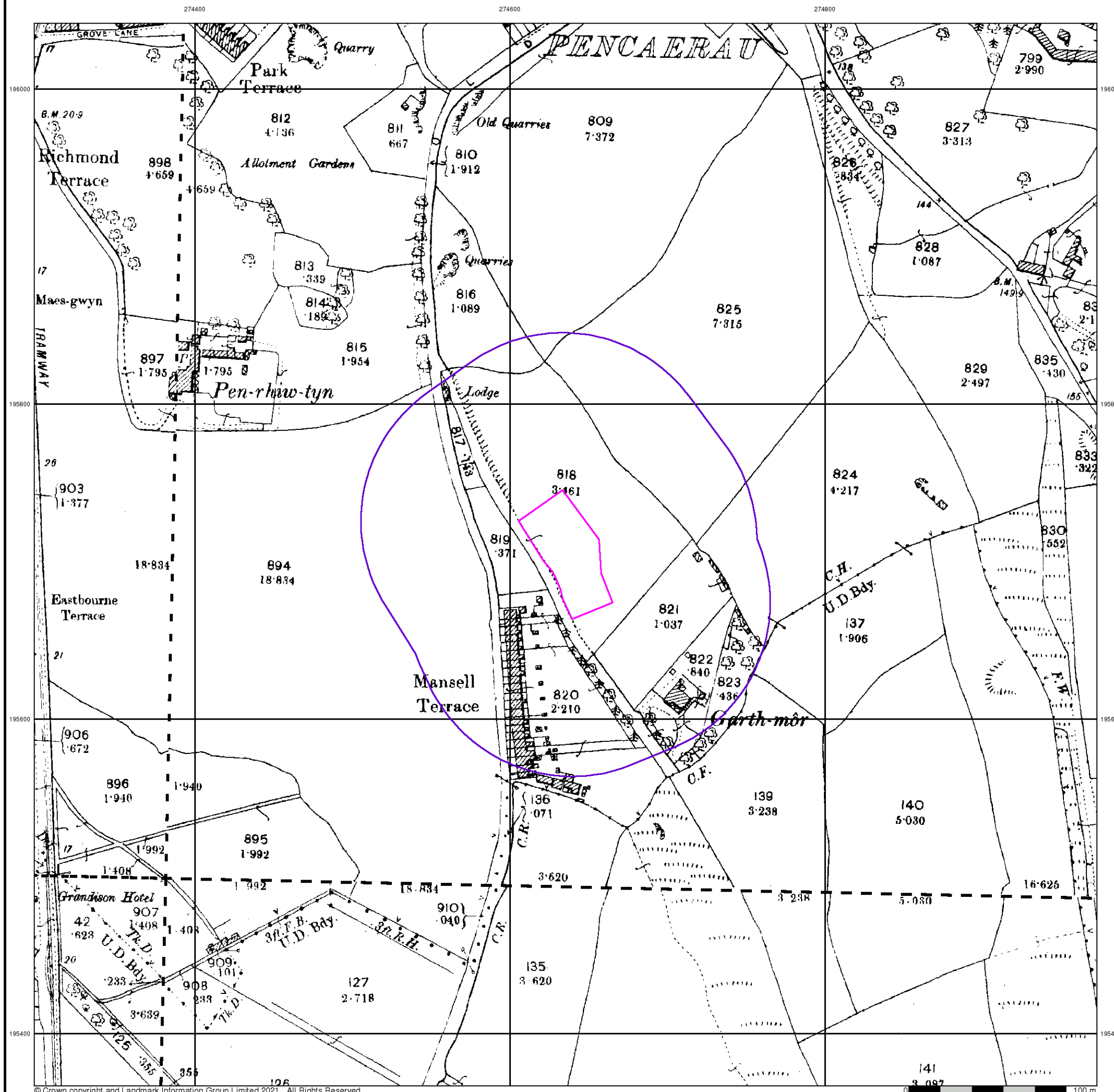
Order Number: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 100

Site Details

1, Pearson Way, NEATH, SA11 2EJ

Landmark
INFORMATION GROUP

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





Geotechnical & Geoenvironmental Specialists

Glamorganshire

Published 1918 - 1919

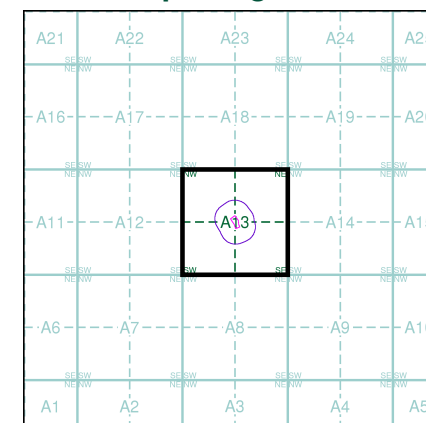
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

015_16 1918 1:2,500	016_13 1919 1:2,500
024_04 1918 1:2,500	025_01 1918 1:2,500

Historical Map - Segment A13



Order Details

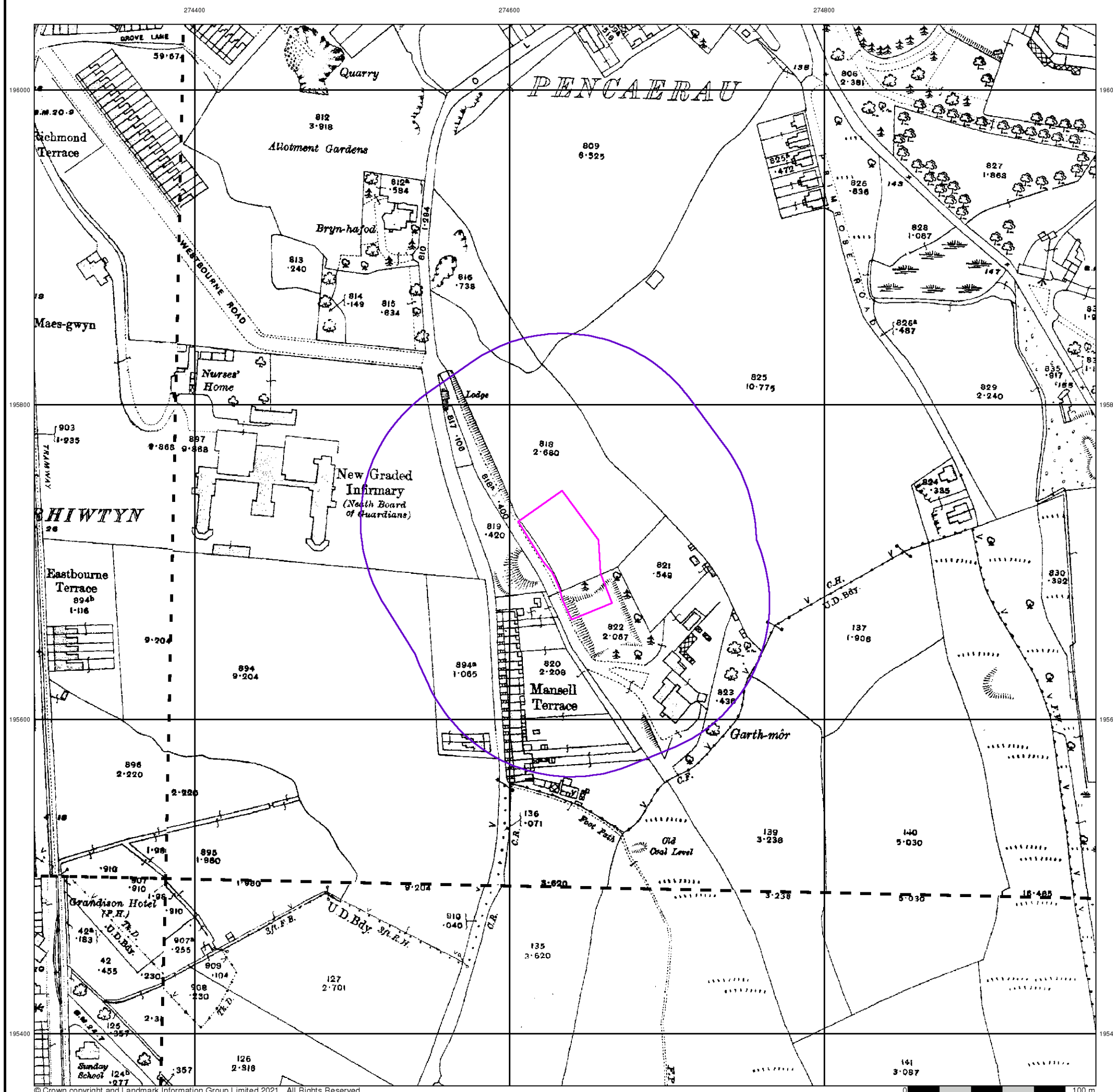
Order Number: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 100

Site Details

1, Pearson Way, NEATH, SA11 2EJ

Landmark
INFORMATION GROUP

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





Geotechnical & Geoenvironmental Specialists

Glamorganshire

Published 1935 - 1941

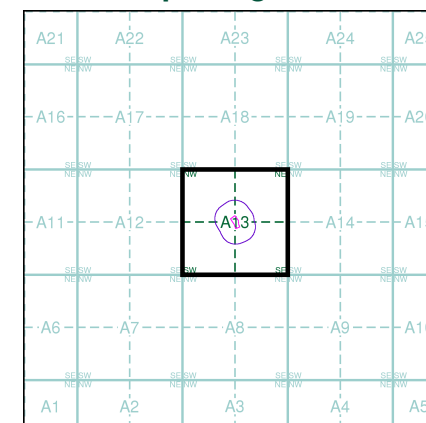
Source map scale - 1:2,500

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)

015_16 1940 1:2,500	016_13 1935 1:2,500
024_04 1941 1:2,500	025_01 1936 1:2,500

Historical Map - Segment A13



Order Details

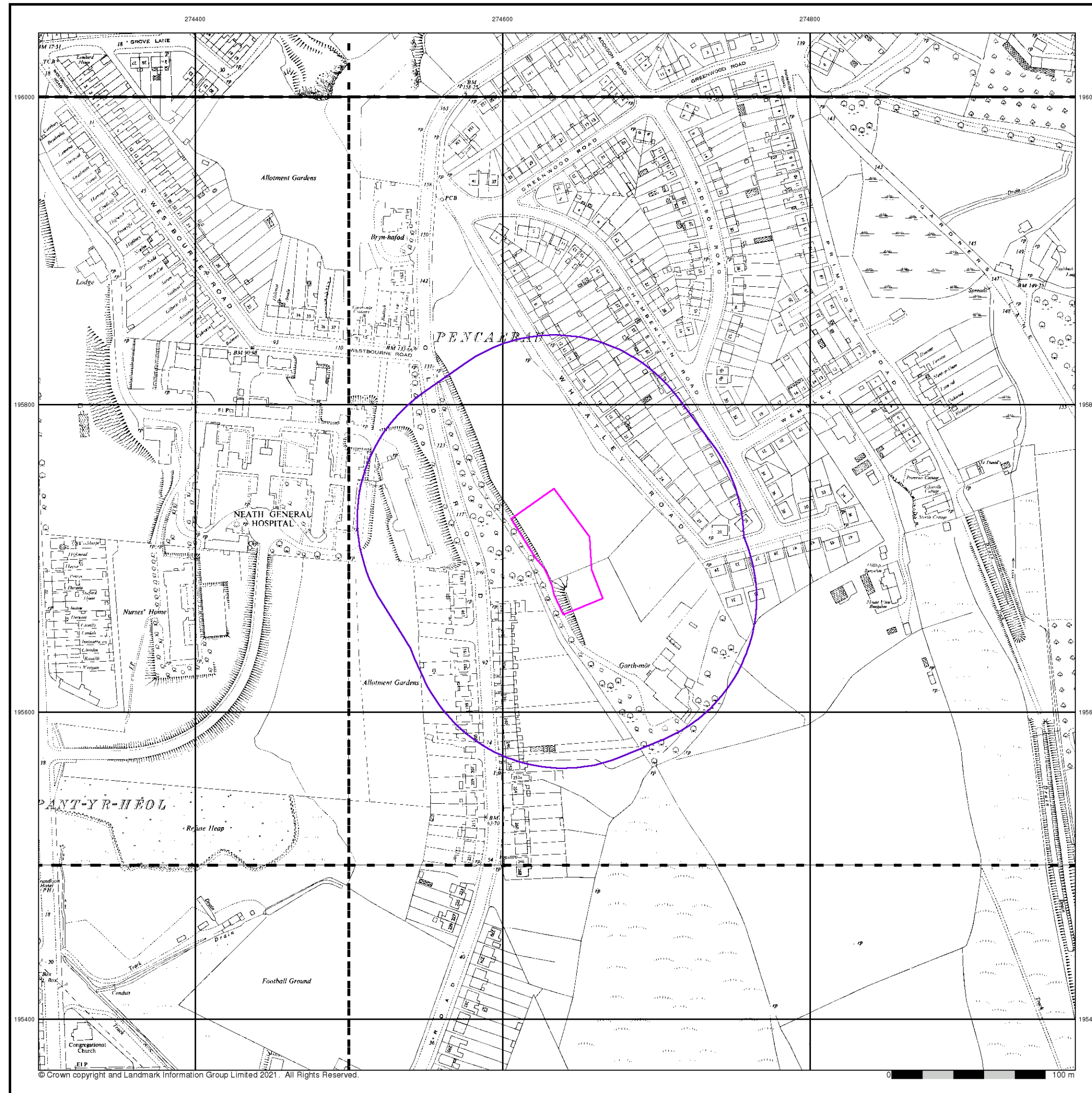
Order Number: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 100

Site Details

1, Pearson Way, NEATH, SA11 2EJ

Landmark
INFORMATION GROUP

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



Geotechnical & Geoenvironmental Specialists

Ordnance Survey Plan

Published 1951

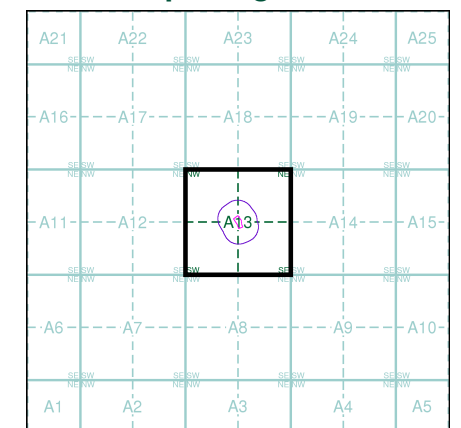
Source map scale - 1:1,250

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)

S7496SW	S7496SE
951	951
1:1,250	1:1,250
S7495NW	S7495NE
951	951
1:1,250	1:1,250
S7495SW	S7495SE
951	951
1:1,250	1:1,250

Historical Map - Segment A13



Order Details

Order Number: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 100

Site Details

1, Pearson Way, NEATH, SA11 2EJ



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



Geotechnical & Geoenvironmental Specialists

Ordnance Survey Plan

Published 1952

Source map scale - 1:2,500

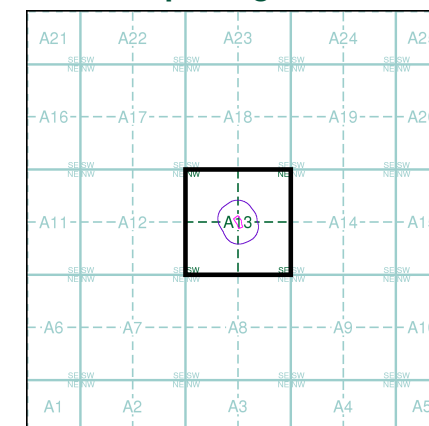
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

SS7496
1952
1:2,500

SS7495
1952
1:2,500

Historical Map - Segment A13



Order Details

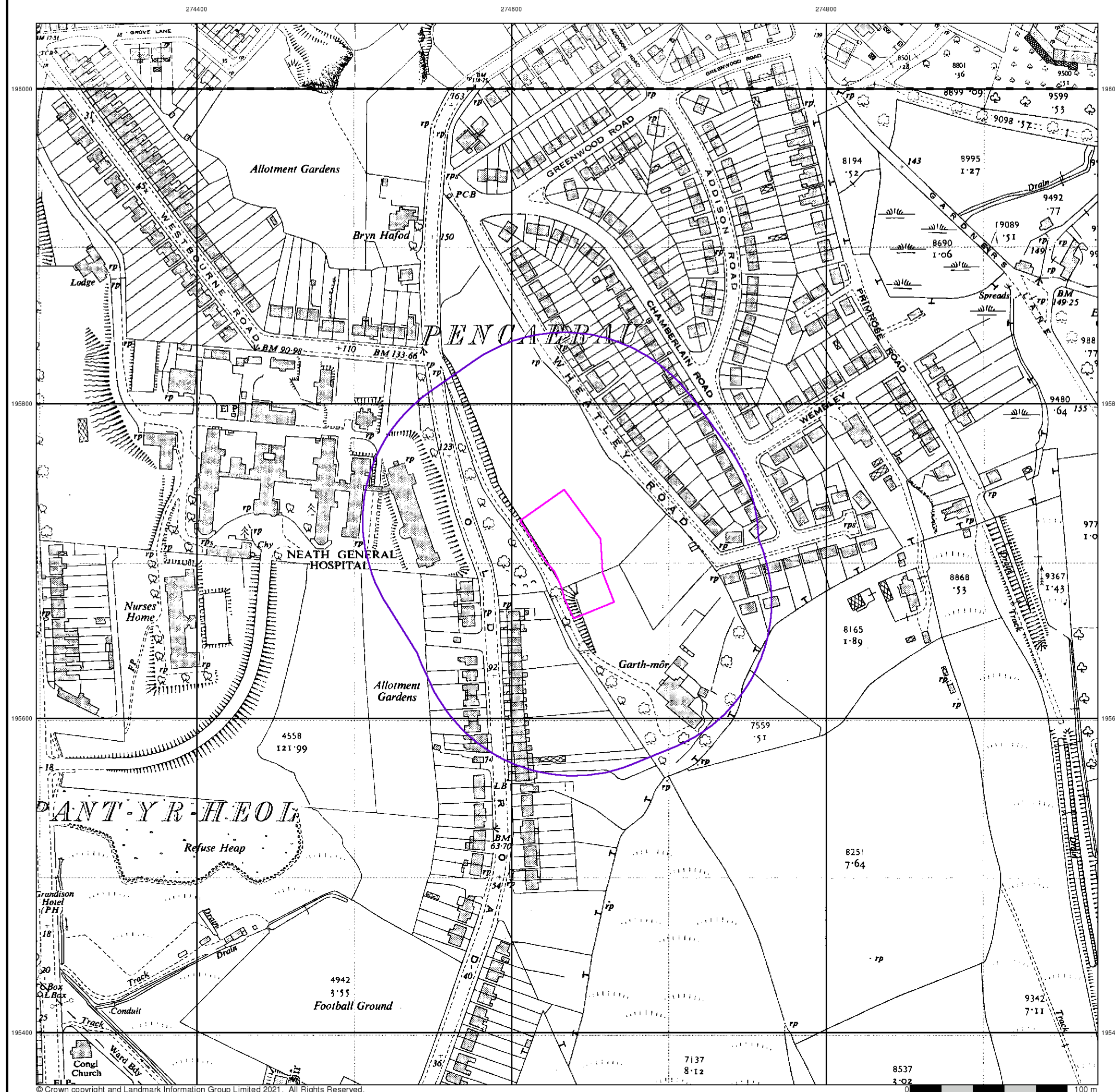
Order Number: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 100

Site Details

1, Pearson Way, NEATH, SA11 2EJ

Landmark
INFORMATION GROUP

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





Geotechnical & Geoenvironmental Specialists

Ordnance Survey Plan

Published 1958 - 1967

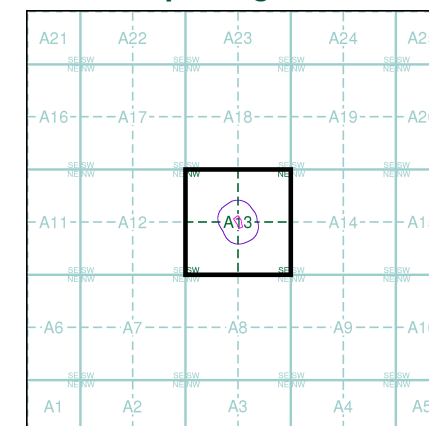
Source map scale - 1:1,250

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)

S7496SW	S7496SE
961	958
1:1,250	1:1,250
S7495NW	S7495NE
967	967
1:1,250	1:1,250
S7495SW	S7495SE
959	967
1:1,250	1:1,250

Historical Map - Segment A13



Order Details

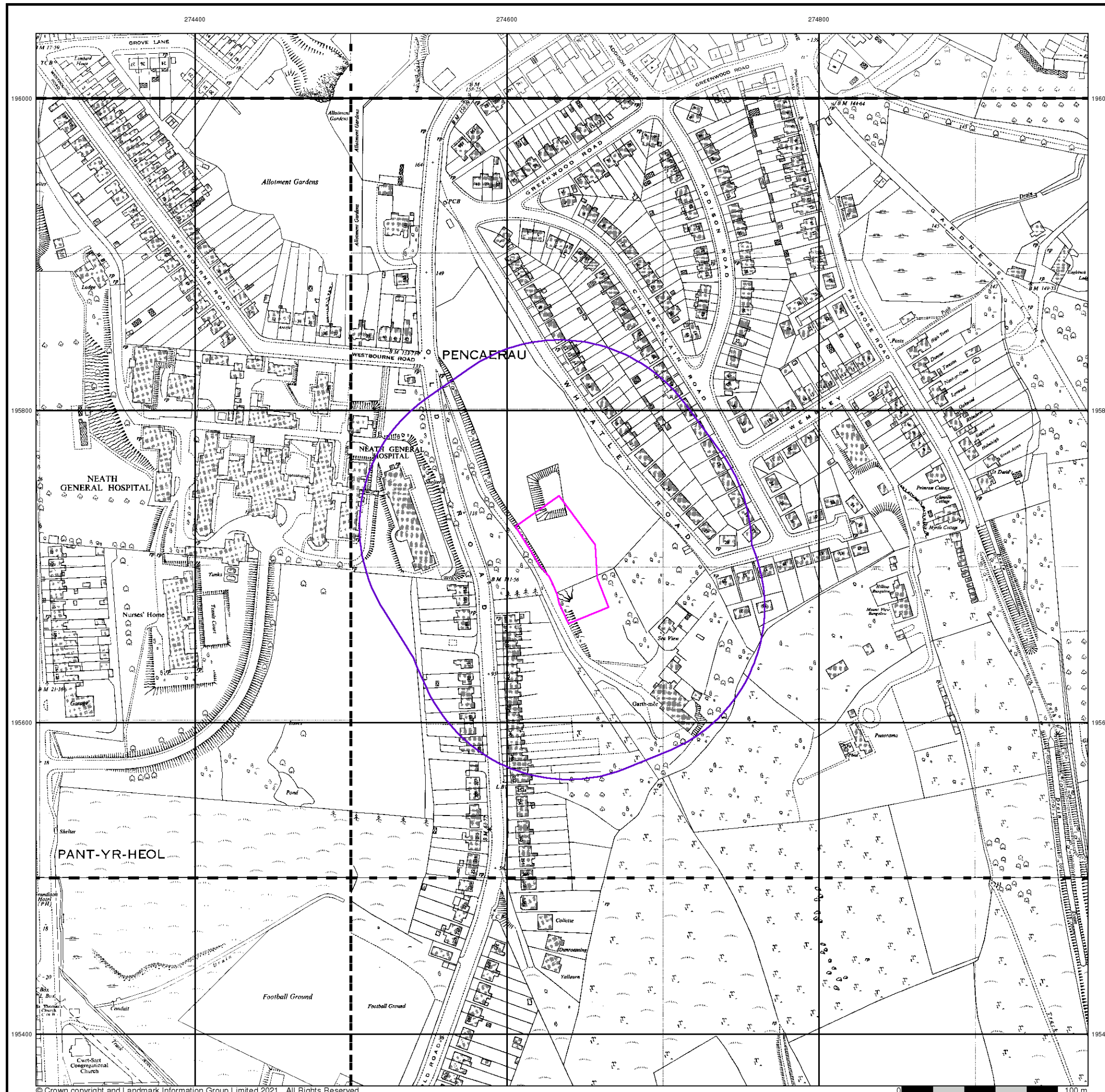
Order Number: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 100

Site Details

1, Pearson Way, NEATH, SA11 2EJ

Landmark
INFORMATION GROUP

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





Geotechnical & Geoenvironmental Specialists

Ordnance Survey Plan

Published 1964 - 1970

Source map scale - 1:2,500

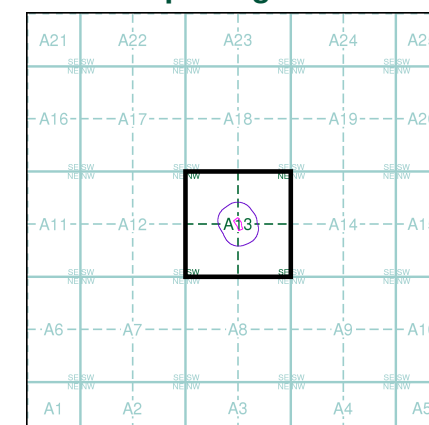
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

SS7496
1964
1:2,500

SS7495
1970
1:2,500

Historical Map - Segment A13



Order Details

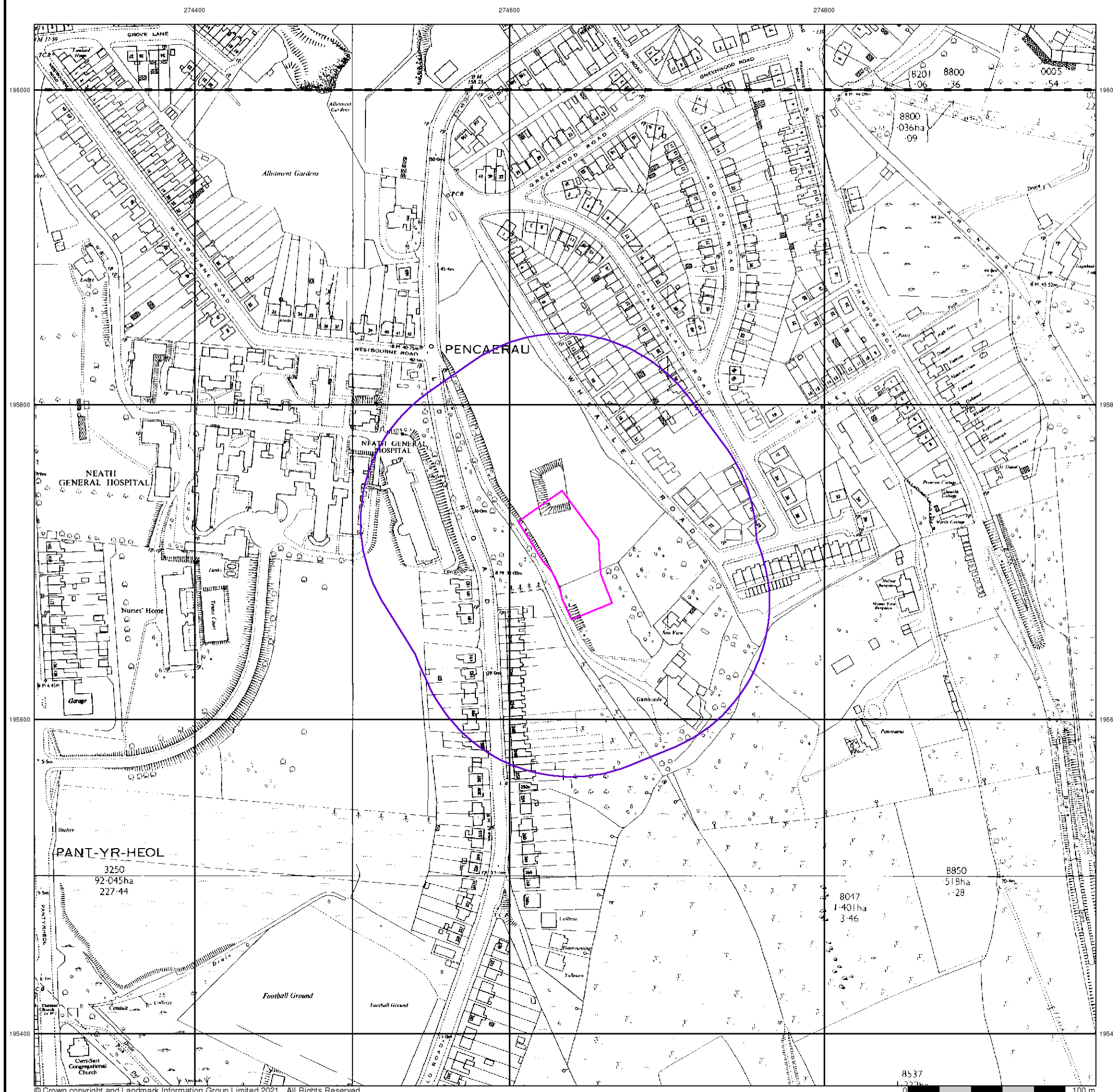
Order Number: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 100

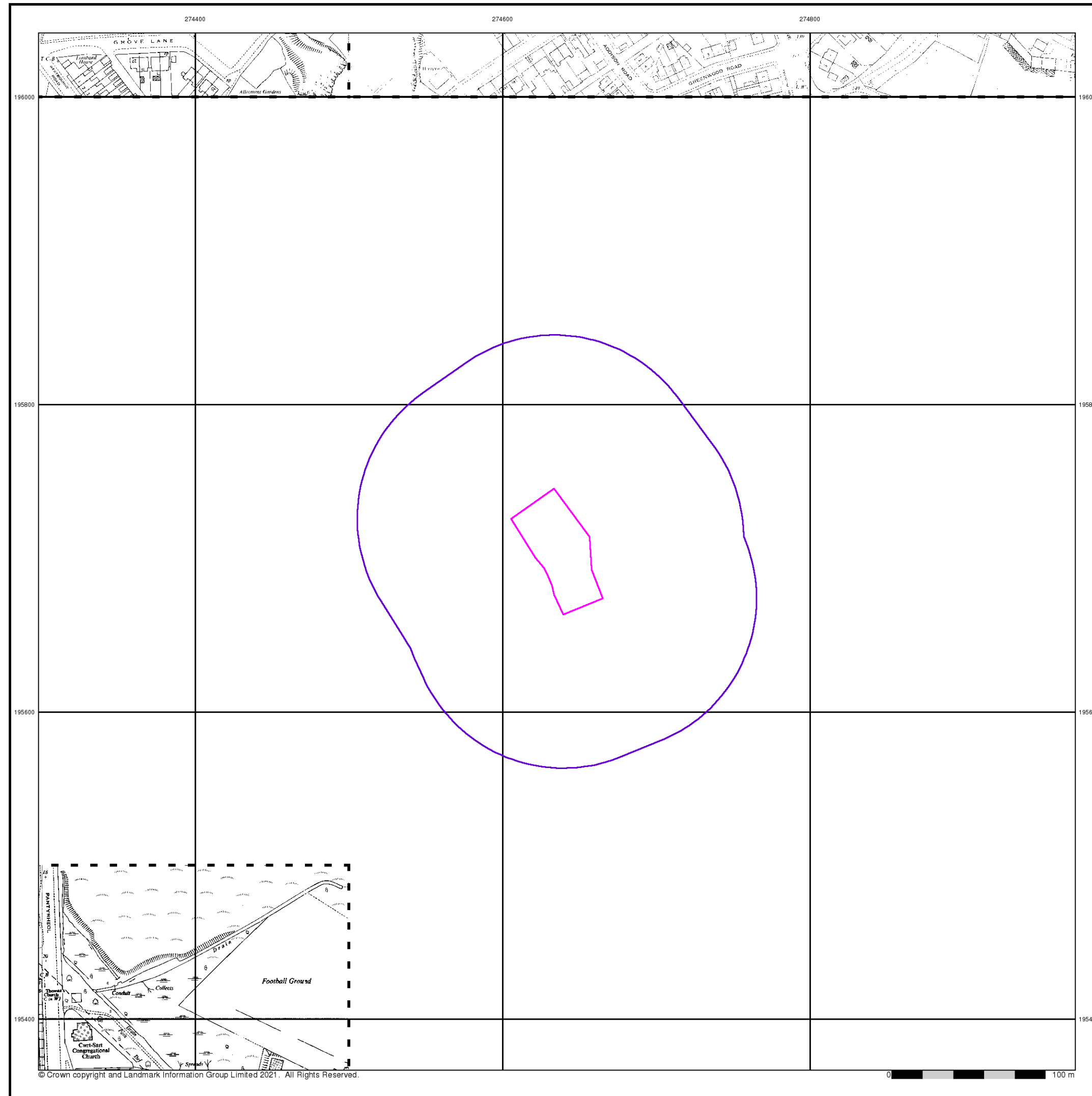
Site Details

1, Pearson Way, NEATH, SA11 2EJ

Landmark
INFORMATION GROUP

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





Geotechnical & Geoenvironmental Specialists

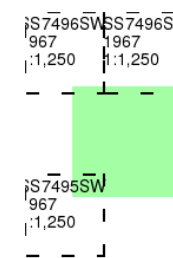
Ordnance Survey Plan

Published 1967

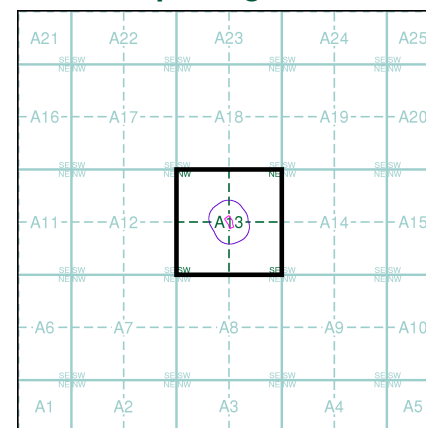
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

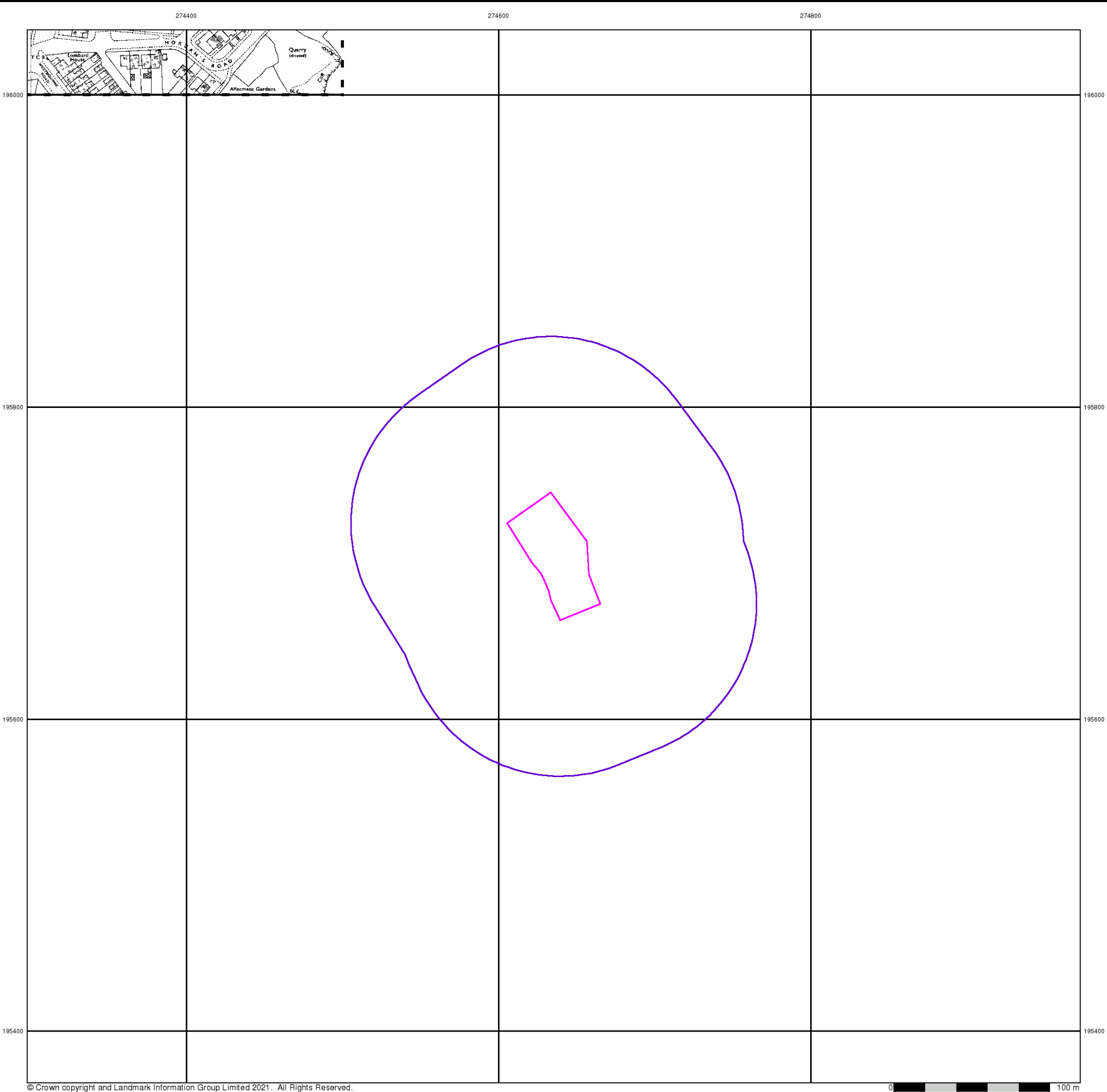
Order Number: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 100

Site Details

1, Pearson Way, NEATH, SA11 2EJ



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



© Crown copyright and Landmark Information Group Limited 2021. All Rights Reserved.



Geotechnical & Geoenvironmental Specialists

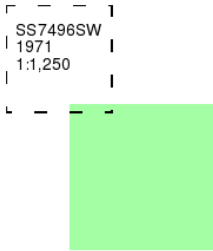
Ordnance Survey Plan

Published 1971

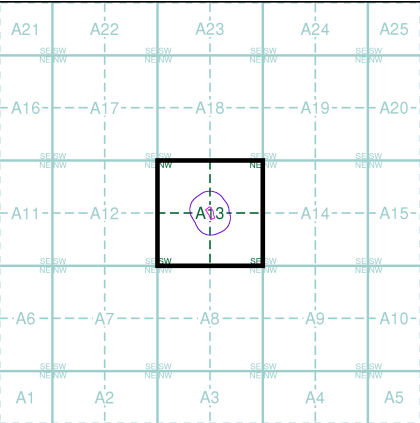
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 100

Site Details

1, Pearson Way, NEATH, SA11 2EJ



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



Geotechnical & Geoenvironmental Specialists

Additional SIMs

Published 1979 - 1989

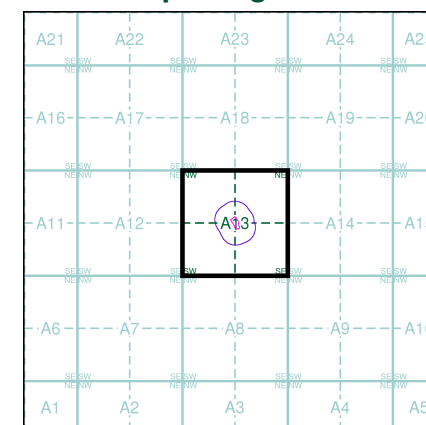
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

IS7496SW	IS7496SE
989	1987
1:1,250	1:1,250
IS7495NW	IS7495NE
985	1979
1:1,250	1:1,250
IS7495SW	IS7495SE
979	1987
1:1,250	1:1,250

Historical Map - Segment A13



Order Details

Order Number: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 100

Site Details

1, Pearson Way, NEATH, SA11 2EJ



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



Geotechnical & Geoenvironmental Specialists

Additional SIMs

Published 1987 - 1989

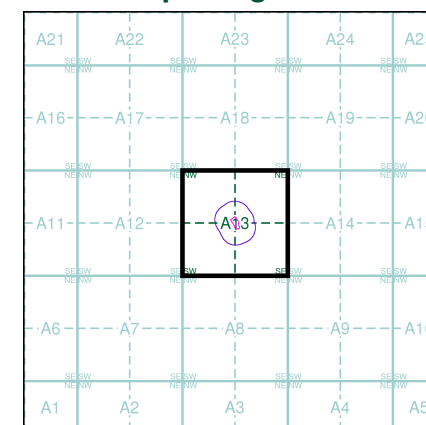
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

BS7496SE	1989	1:1,250
BS7495NW	1987	1:1,250
BS7495SW	1987	1:1,250
BS7495SE	1989	1:1,250

Historical Map - Segment A13



Order Details

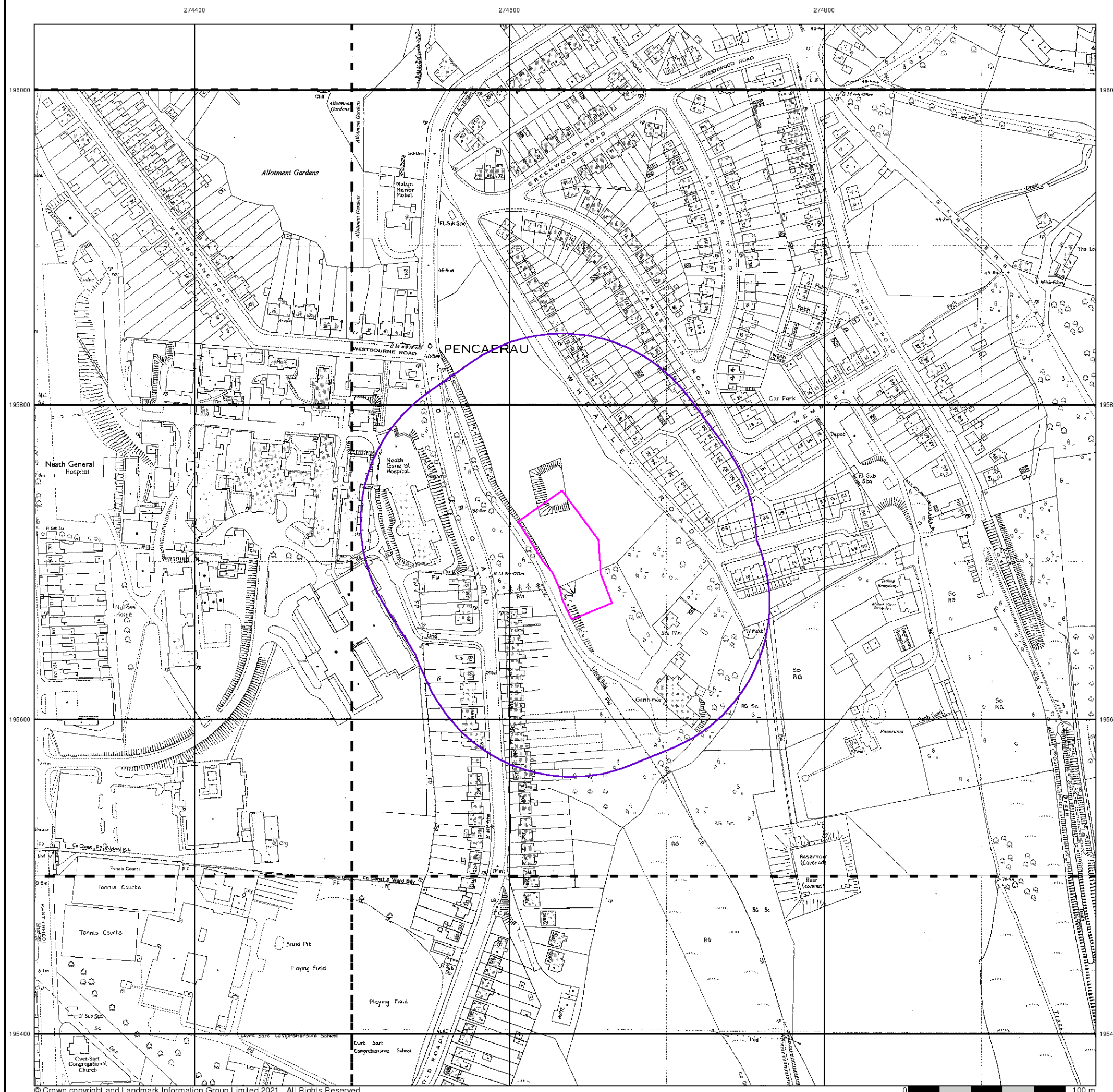
Order Number: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 100

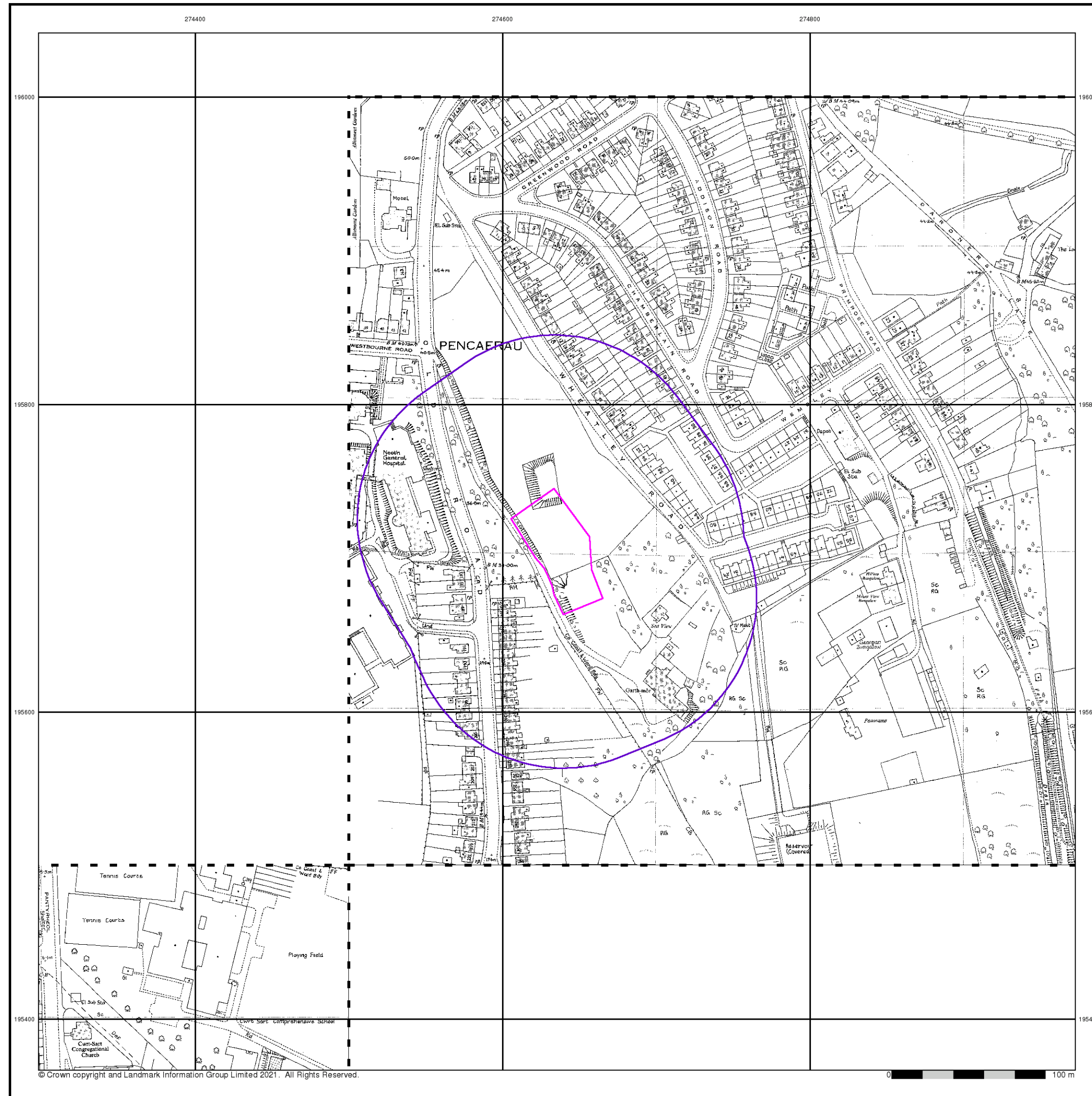
Site Details

1, Pearson Way, NEATH, SA11 2EJ



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





Geotechnical & Geoenvironmental Specialists

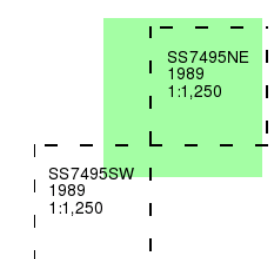
Additional SIMs

Published 1989

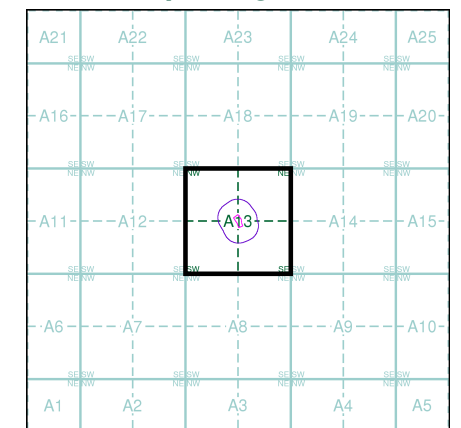
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 100

Site Details

1, Pearson Way, NEATH, SA11 2EJ



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



Geotechnical & Geoenvironmental Specialists

Large-Scale National Grid Data

Published 1993

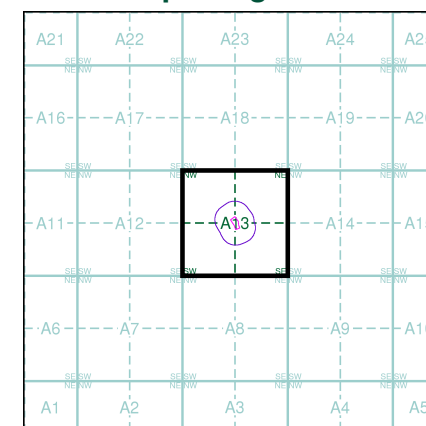
Source map scale - 1:1,250

'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)

TS7496SW	TS7496SE
993	993
1:1,250	1:1,250
TS7495NW	TS7495NE
993	993
1:1,250	1:1,250
TS7495SW	TS7495SE
993	993
1:1,250	1:1,250

Historical Map - Segment A13



Order Details

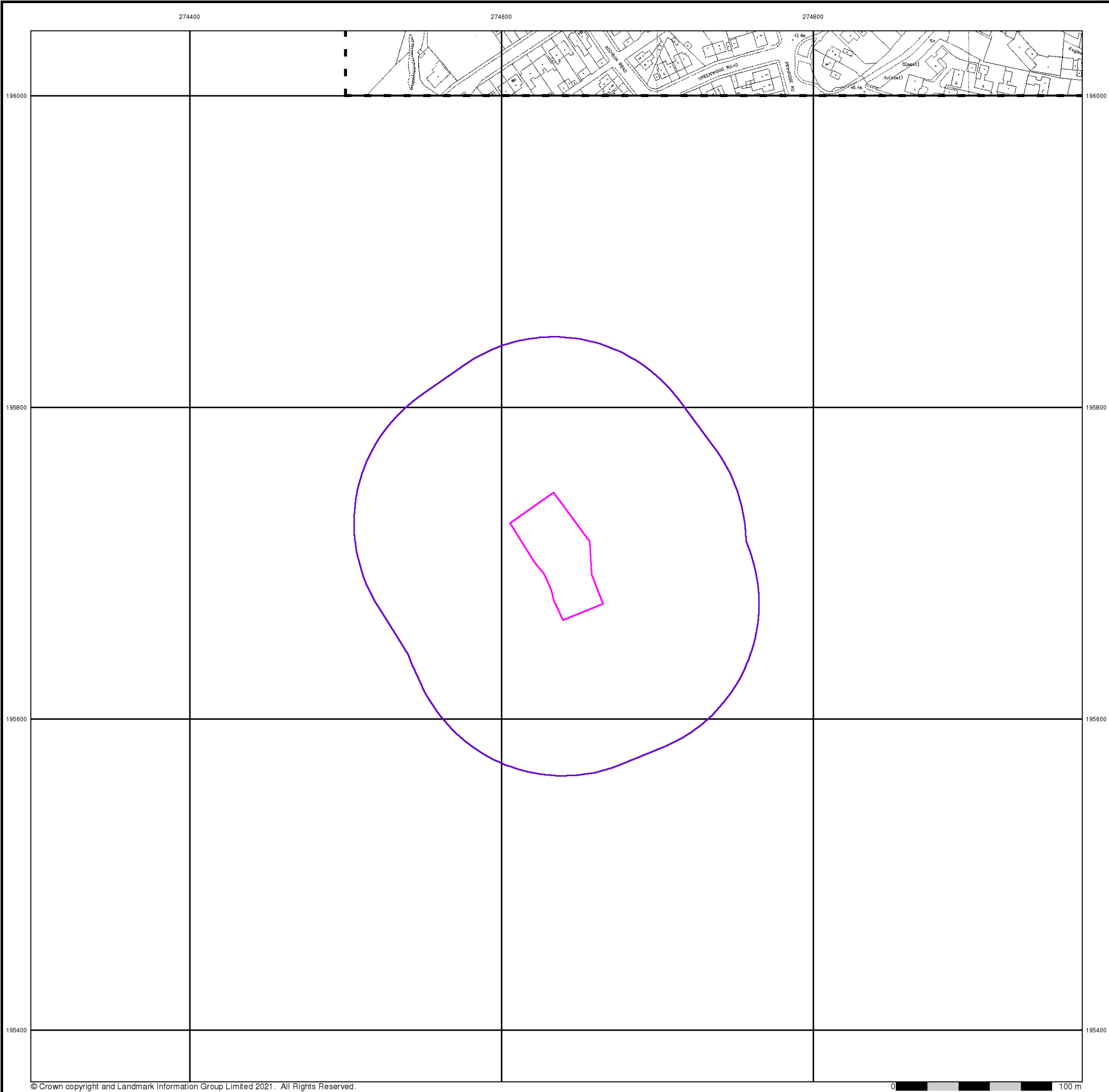
Order Number: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 100

Site Details

1, Pearson Way, NEATH, SA11 2EJ

Landmark
INFORMATION GROUP

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



Geotechnical & Geoenvironmental Specialists

Large-Scale National Grid Data

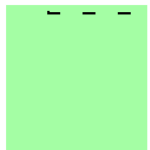
Published 1995

Source map scale - 1:1,250

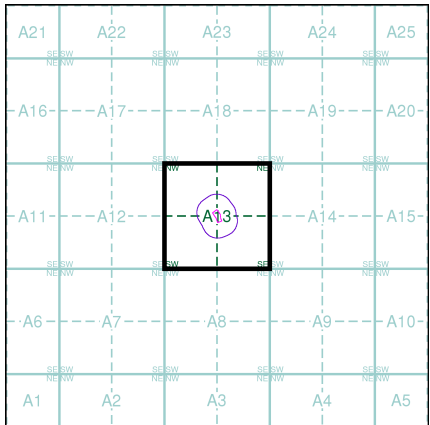
'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

SS7496SE
1995
1:1,250



Historical Map - Segment A13



Order Details

Order Number: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 100

Site Details

1, Pearson Way, NEATH, SA11 2EJ

Landmark
INFORMATION GROUP

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



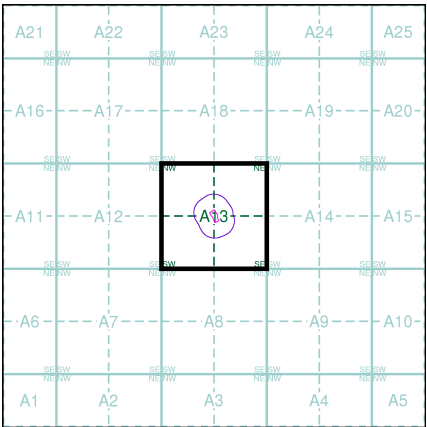
Geotechnical & Geoenvironmental Specialists

Historical Aerial Photography

Published 2000

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

Order Number: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 100

Site Details

1, Pearson Way, NEATH, SA11 2EJ

Landmark
INFORMATION GROUP

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

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

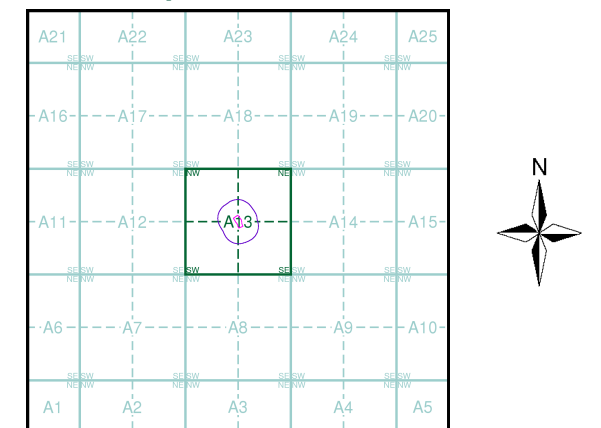


Geotechnical & Geoenvironmental Specialists

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Glamorganshire	1:10,560	1884	3
Glamorganshire	1:10,560	1900	4
Glamorganshire	1:10,560	1921	5
Glamorganshire	1:10,560	1921	6
Glamorganshire	1:10,560	1936	7
Glamorganshire	1:10,560	1938 - 1951	8
Historical Aerial Photography	1:10,560	1945 - 1949	9
Glamorganshire	1:10,560	1951 - 1952	10
Ordnance Survey Plan	1:10,000	1964 - 1965	11
Ordnance Survey Plan	1:10,000	1970 - 1974	12
Swansea	1:10,000	1976	13
Ordnance Survey Plan	1:10,000	1980 - 1983	14
Ordnance Survey Plan	1:10,000	1992 - 1996	15
10K Raster Mapping	1:10,000	1999	16
10K Raster Mapping	1:10,000	2006	17
VectorMap Local	1:10,000	2021	18

Historical Map - Slice A



Order Details

Order Number: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 1000

Site Details

1, Pearson Way, NEATH, SA11 2EJ

Landmark
INFORMATION GROUP

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

Russian Military Mapping Legends

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

a. Not drawn to scale b. Drawn to scale

Government and Administrative Buildings Military and Industrial Buildings

Military and Communication Areas Subway Entrance

Fireproof Building Prominent Fireproof Building

Non-fireproof Building Non-fireproof Building (non-dwelling)

Factory, mill, and flour mill, with chimneys Factory, mill, and flour mill, without chimneys

Power Station, drawn to scale Hydroelectric Power Station

Radio Station, drawn to scale Telephone Station, drawn to scale

Abandoned Open-pit Mine or Quarry Open-pit Salt Mine

Pit Oil Deposit or Well Oil Seepage

Tailings Pile Fuel Storage Tanks Natural Gas Tank

Bench Mark Drill Hole Burial Mound Triangulation Point on Burial Mound

Single-track Railroad Small Bridge Double-track Railroad and Station Building

Coniferous Forest Deciduous Forest Mixed Forest

Lawns Citrus Orchard Wet Ground Scattered Vegetation

243.8 Values for prominent elevations

186.0 Numbers for spot elevations, depth soundings, contour lines, etc.

0.2 Velocity of the current, width of river bed, depth of river

180 180 Fractional terms: length and capacity of bridges; depth of fords and condition of the river bottom; height of forest and the diameter of trees

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

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

1:25,000 mapping

a. Not drawn to scale b. Drawn to scale

Government and Administrative Buildings Military and Industrial Buildings

Military and Communication Areas Subway Entrance

Partly Demolished Buildings Demolished Buildings

Built-Up Area with Fireproof Buildings Predominant Built-Up Area with Non-Fireproof Buildings Predominant

Individual Fireproof Building Prominent Industrial Building

Individual Dwelling, Fireproof Ruins of an Individual Dwelling

Factory or Mill Chimney Factory or Mill with Chimney Factory or Mill without Chimney Mine or Open Pit Mine

Operating Shaft or Mine Non-Operating Shaft or Mine Salt Mine Tailings Pile

Pit Stone Quarry Gas Pump or Service Station Fuel Storage or Natural Gas Tank

Oil or Natural Gas Derrick Small Hydroelectric Power Station Power Station Transformer Station

Cemetery Burial Mound (height in metres) Triangulation Point on Burial Mound Triangulation Point

Bench Mark Bench Mark (monumented) Telegraph Office Telephone Station

Radio Station Radio Tower Airfield or Seaplane Base Landing Strip

Cut Fill Km Post Plantings Width of Road Steep Grade

Telegraph/Telephone Lines Main Highway Highway under Construction Improved Dirt Road (former truck road)

Small Bridge Pipe (Culvert) Tunnel Dismantled Railroad

Double-track Railroad with First Class Station Railroad Under Construction

Shore Embankment River or Ditch with Embankment Direction and velocity of current Water Gauge Water Level Mark

Well Water Reservoir or Rain Water Pit Spring Isobath with value

Heavy (Index) Contour Line Contour Line and Value Half Contour Line Spot Elevation Value

Coniferous Deciduous Mixed Scrub

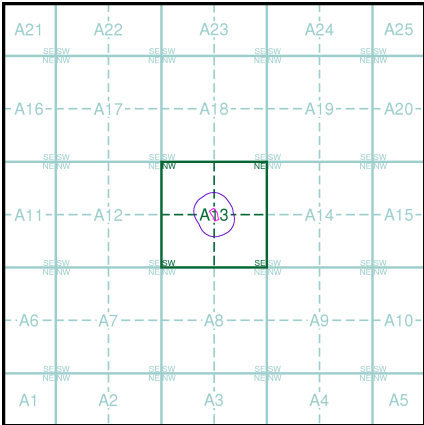
Key to Numbers on Mapping



Geotechnical & Geoenvironmental Specialists
Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Glamorganshire	1:10,560	1884	3
Glamorganshire	1:10,560	1900	4
Glamorganshire	1:10,560	1921	5
Glamorganshire	1:10,560	1921	6
Glamorganshire	1:10,560	1936	7
Glamorganshire	1:10,560	1938 - 1951	8
Historical Aerial Photography	1:10,560	1945 - 1949	9
Glamorganshire	1:10,560	1951 - 1952	10
Ordnance Survey Plan	1:10,000	1964 - 1965	11
Ordnance Survey Plan	1:10,000	1970 - 1974	12
Swansea	1:10,000	1976	13
Ordnance Survey Plan	1:10,000	1980 - 1983	14
Ordnance Survey Plan	1:10,000	1992 - 1996	15
10K Raster Mapping	1:10,000	1999	16
10K Raster Mapping	1:10,000	2006	17
VectorMap Local	1:10,000	2021	18

Russian Map - Slice A



Order Details

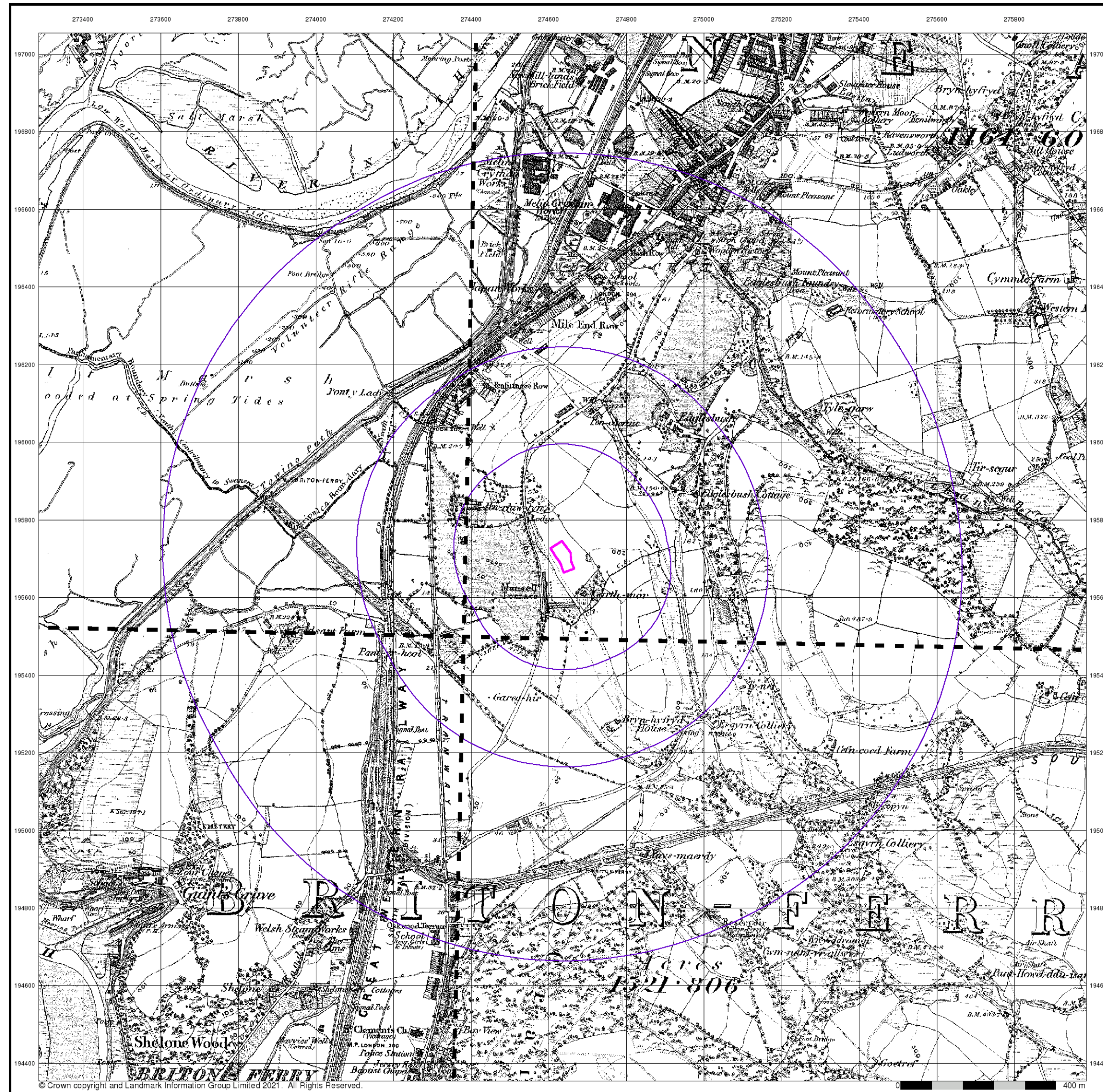
Order Number: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 1000

Site Details

1, Pearson Way, NEATH, SA11 2EJ



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



Geotechnical & Geoenvironmental Specialists

Glamorganshire

Published 1884

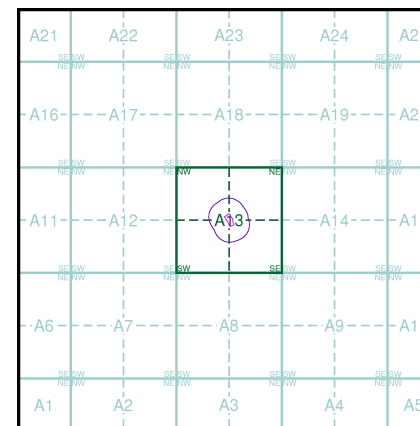
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

01500 1884 1:10,560	01600 1884 1:10,560
02400 1884 1:10,560	02500 1884 1:10,560

Historical Map - Slice A



Order Details

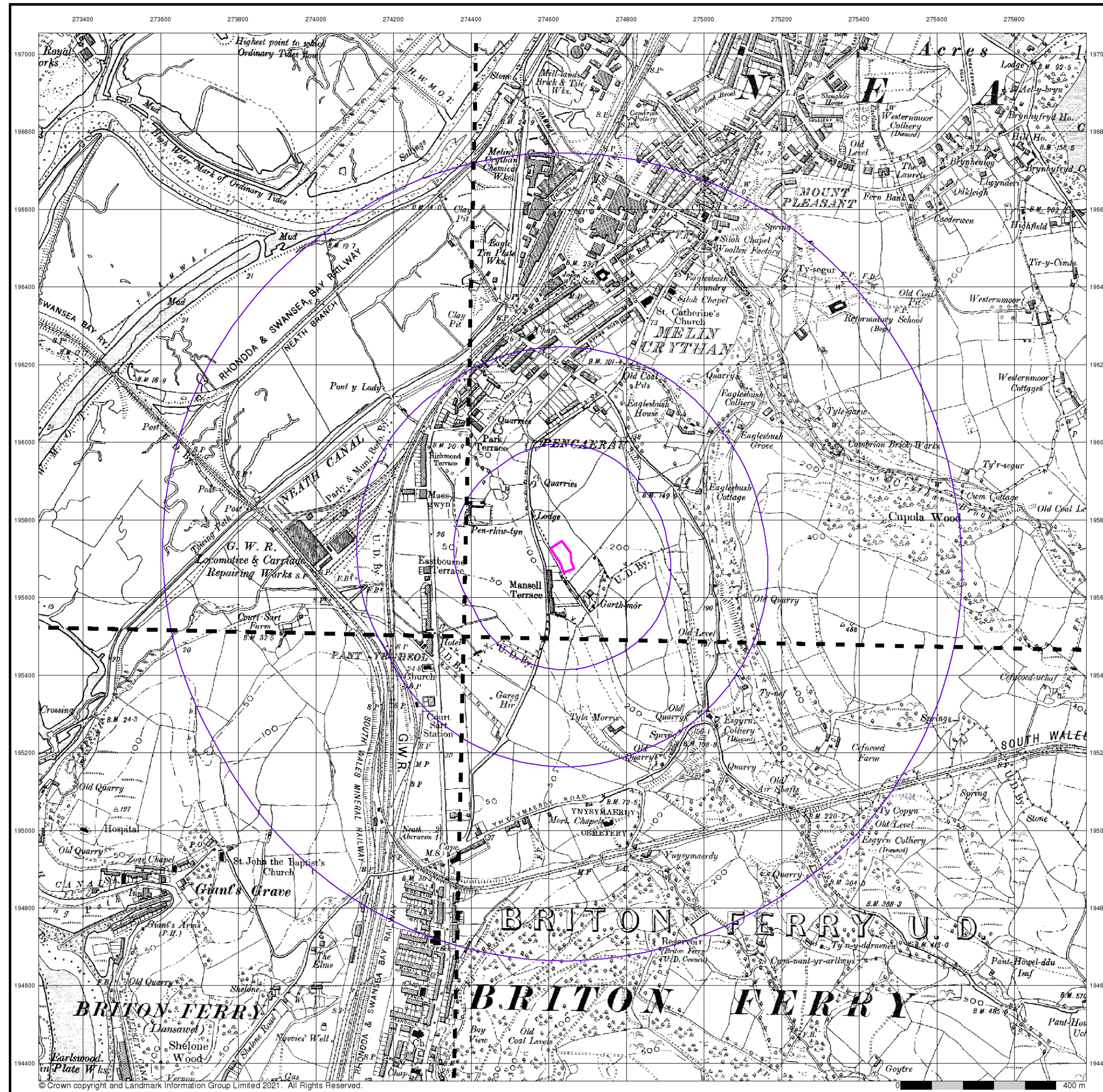
Order Number: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 1000

Site Details

1, Pearson Way, NEATH, SA11 2EJ

Landmark
INFORMATION GROUP

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



Geotechnical & Geoenvironmental Specialists

Glamorganshire

Published 1900

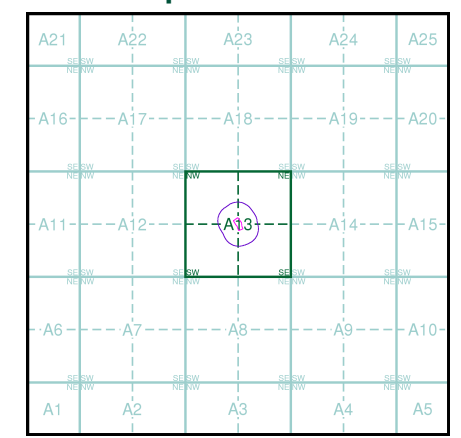
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

015SE 1900 1:10,560	016SW 1900 1:10,560
024NE 1900 1:10,560	025NW 1900 1:10,560

Historical Map - Slice A



Order Details

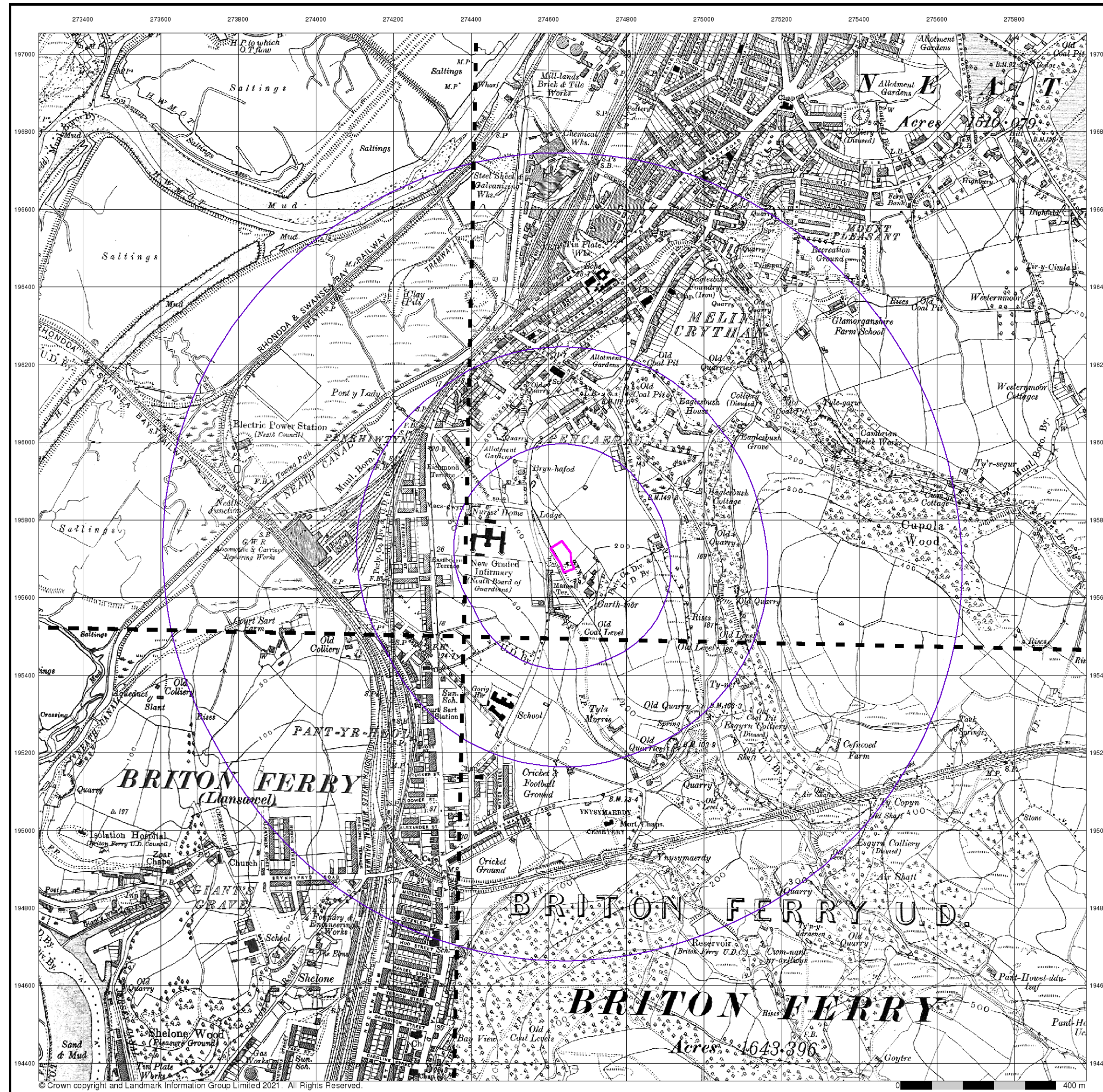
Order Number: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 1000

Site Details

1, Pearson Way, NEATH, SA11 2EJ



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



Geotechnical & Geoenvironmental Specialists

Glamorganshire

Published 1921

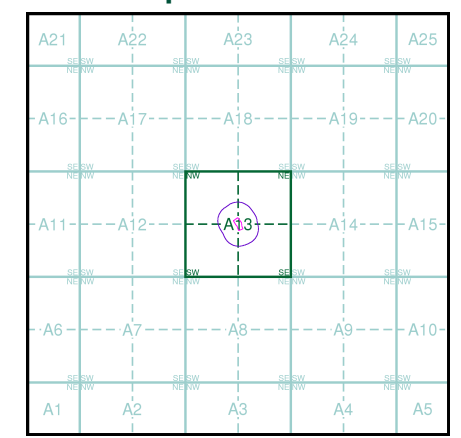
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

015SE 1921 1:10,560	016SW 1921 1:10,560
024NE 1921 1:10,560	025NW 1921 1:10,560

Historical Map - Slice A



Order Details

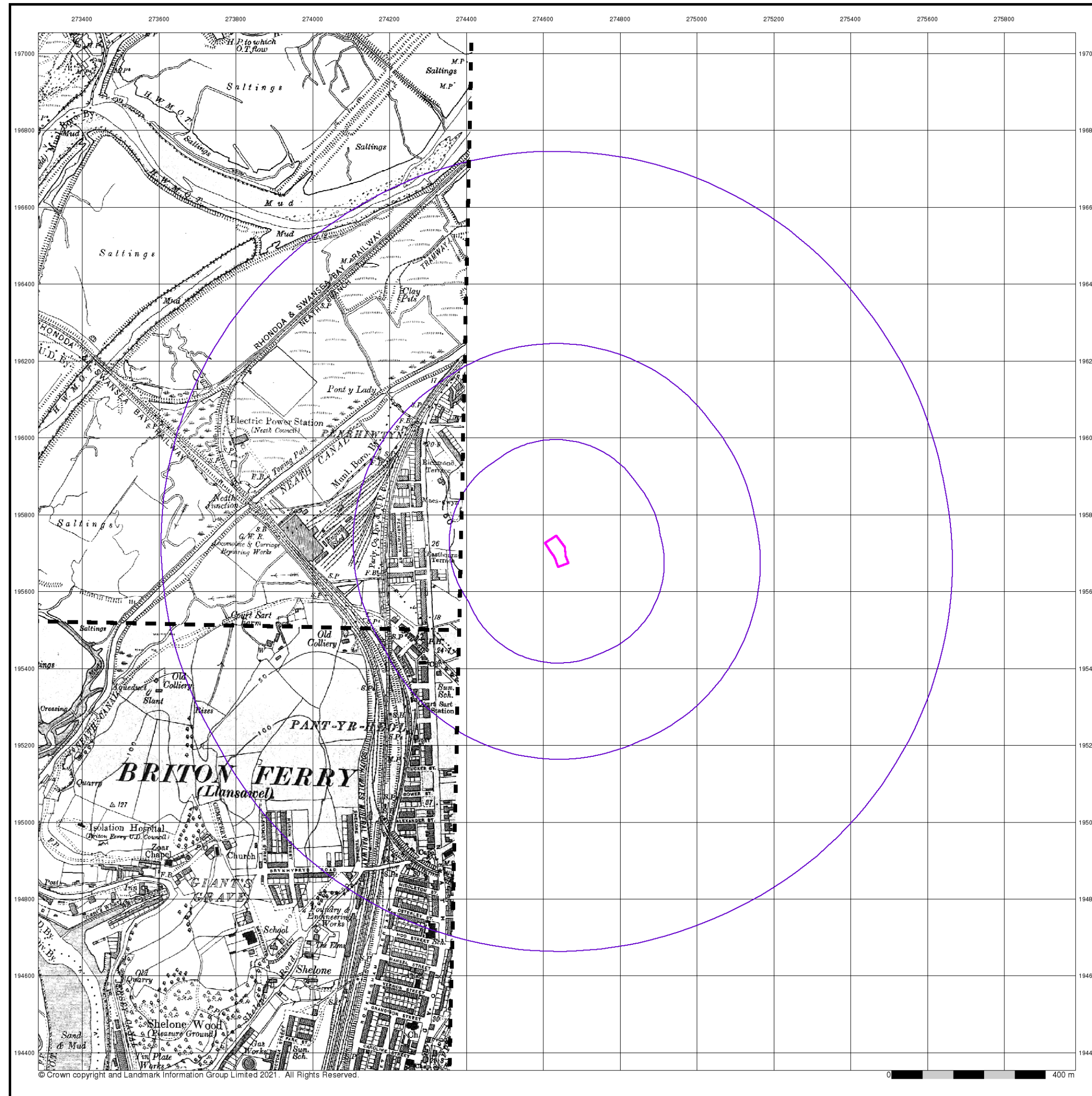
Order Number: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 1000

Site Details

1, Pearson Way, NEATH, SA11 2EJ



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



Geotechnical & Geoenvironmental Specialists

Glamorganshire

Published 1921

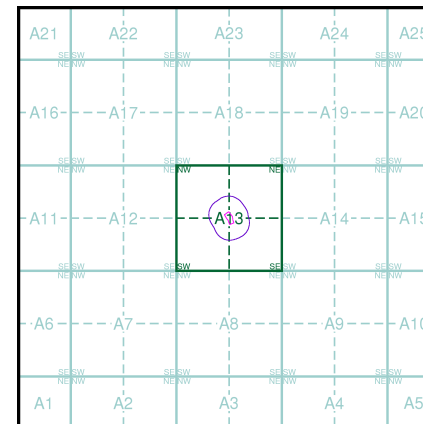
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

015SE	1921	1:10,560
024NE	1921	1:10,560

Historical Map - Slice A



Order Details

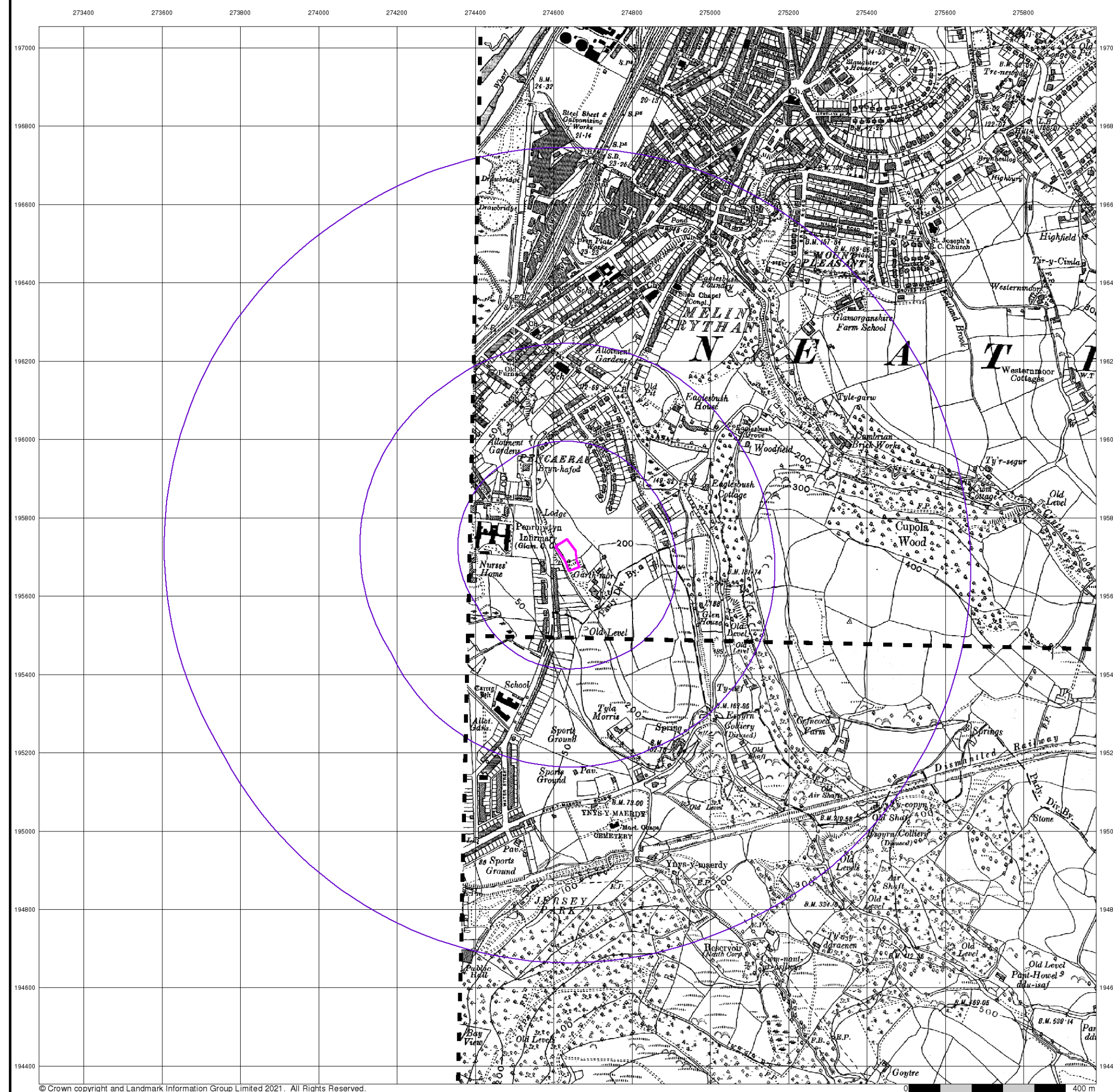
Order Number: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 1000

Site Details

1, Pearson Way, NEATH, SA11 2EJ



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



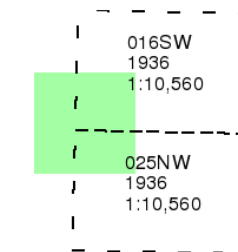
Glamorganshire

Published 1936

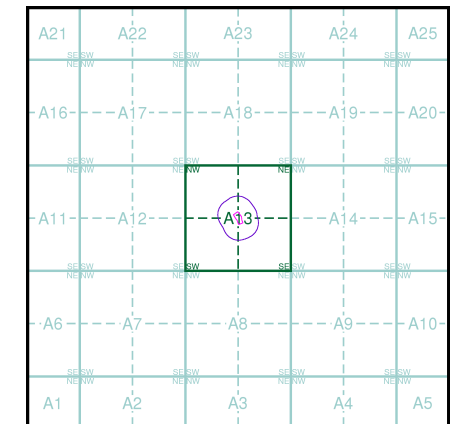
Source map scale - 1:10,560

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

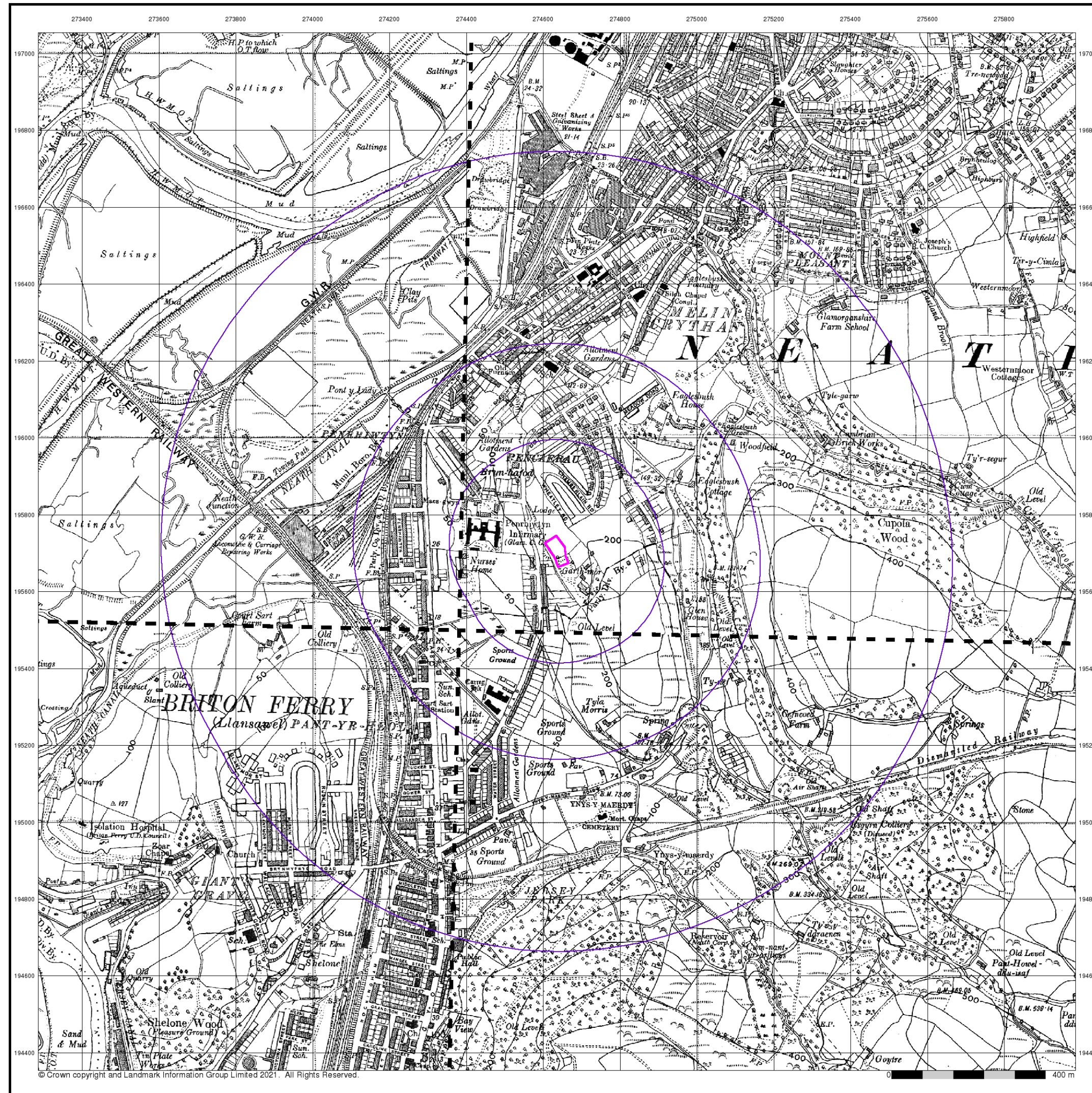
Order Number: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 1000

Site Details

1, Pearson Way, NEATH, SA11 2EJ

Landmark®
INFORMATION GROUP

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



Geotechnical & Geoenvironmental Specialists

Glamorganshire

Published 1938 - 1951

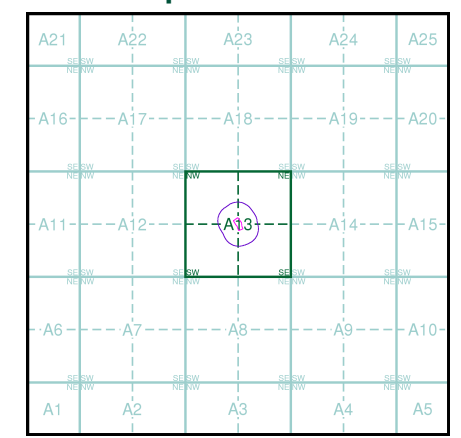
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

015SE 1940 1:10,560	016SW 1938 1:10,560
024NE 1938 1:10,560	025NW 1951 1:10,560

Historical Map - Slice A



Order Details

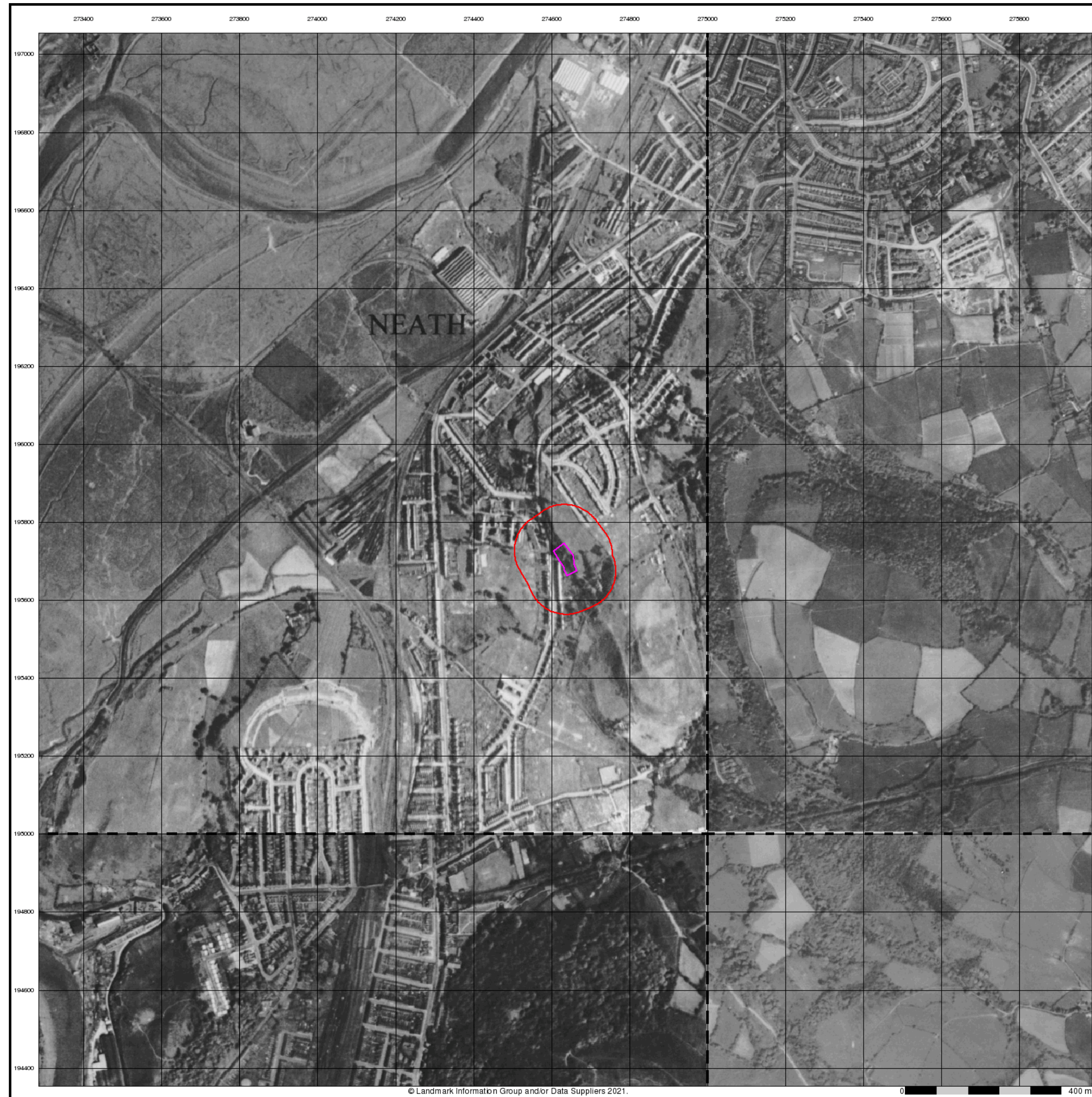
Order Number: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 1000

Site Details

1, Pearson Way, NEATH, SA11 2EJ



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



Geotechnical & Geoenvironmental Specialists

Historical Aerial Photography

Published 1945 - 1949

Source map scale - 1:10,560

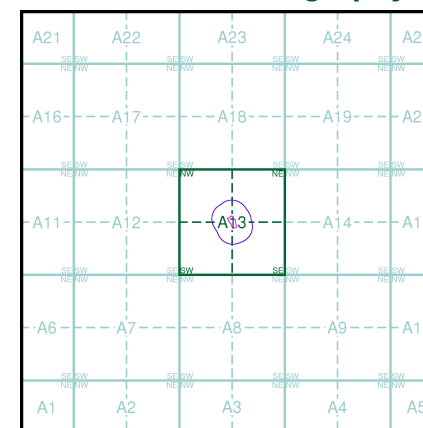
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the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

© Landmark Information Group and/or Data Suppliers 2010.

Map Name(s) and Date(s)

SS79NW 1945 1:10,560	SS79NE 1949 1:10,560
SS79SW 1949 1:10,560	SS79SE 1949 1:10,560

Historical Aerial Photography - Slice A



LIBRARY
HSILIRB

Order Details

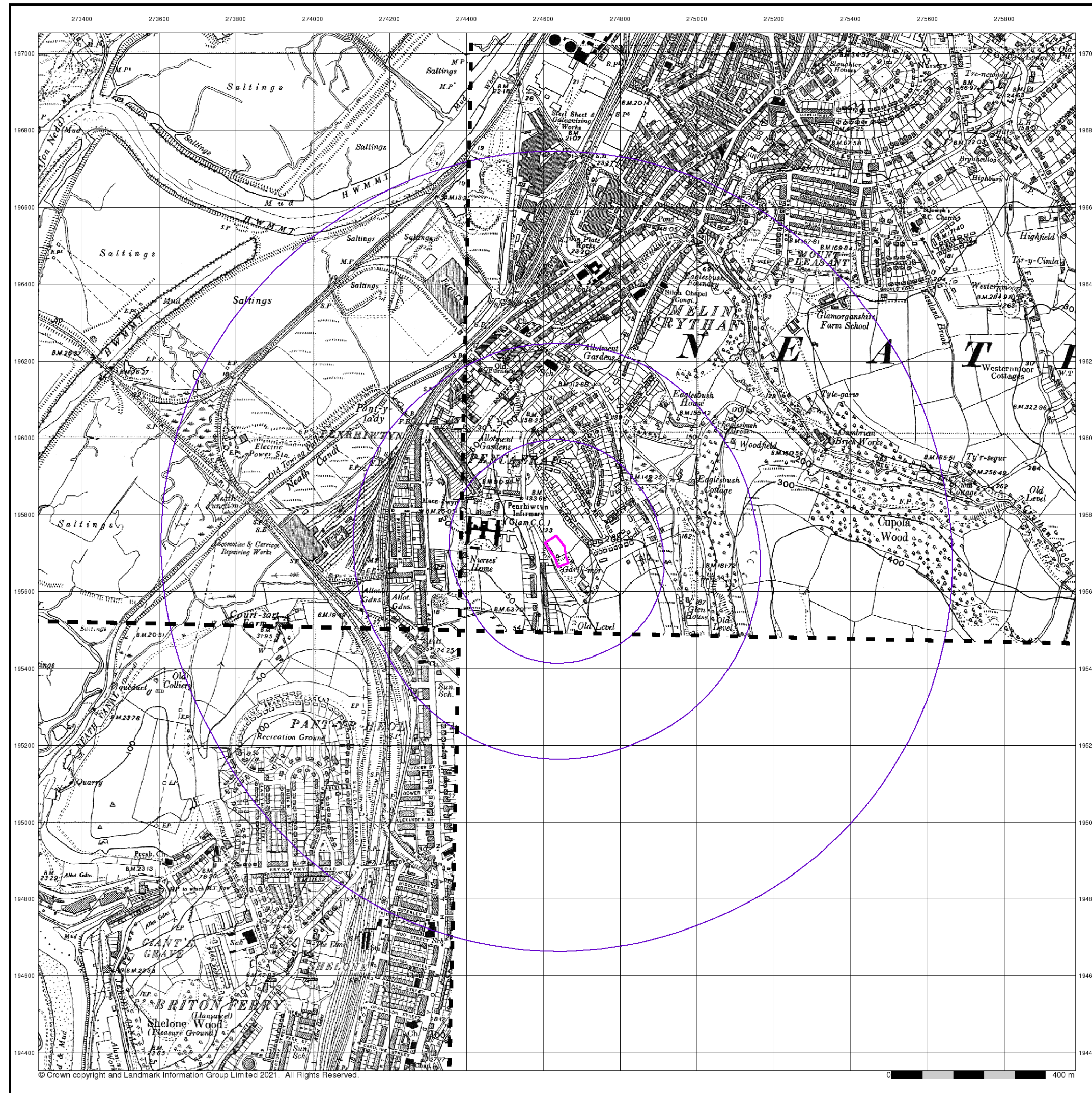
Order Number: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 1000

Site Details

1, Pearson Way, NEATH, SA11 2EJ

Landmark
INFORMATION GROUP

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



Geotechnical & Geoenvironmental Specialists

Glamorganshire

Published 1951 - 1952

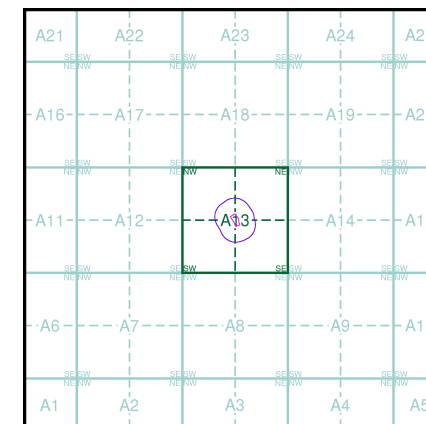
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

015SE 1952 1:10,560	016SW 1951 1:10,560
024NE 1951 1:10,560	

Historical Map - Slice A



Order Details

Order Number: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 1000

Site Details

1, Pearson Way, NEATH, SA11 2EJ

Landmark
INFORMATION GROUP

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



© Crown copyright and Landmark Information Group Limited 2021. All Rights Reserved.



Geotechnical & Geoenvironmental Specialists

Ordnance Survey Plan

Published 1964 - 1965

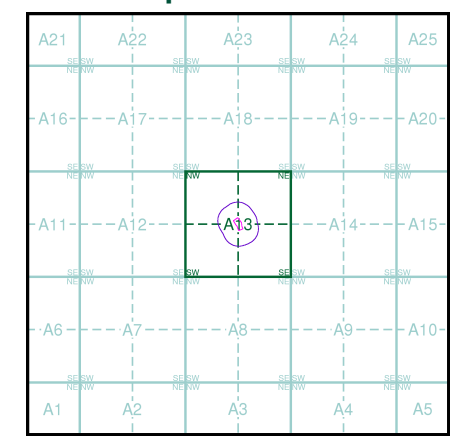
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SS79NW	SS79NE
1965	1964
1:10,560	1:10,560
SS79SW	SS79SE
1964	1964
1:10,560	1:10,560

Historical Map - Slice A



Order Details

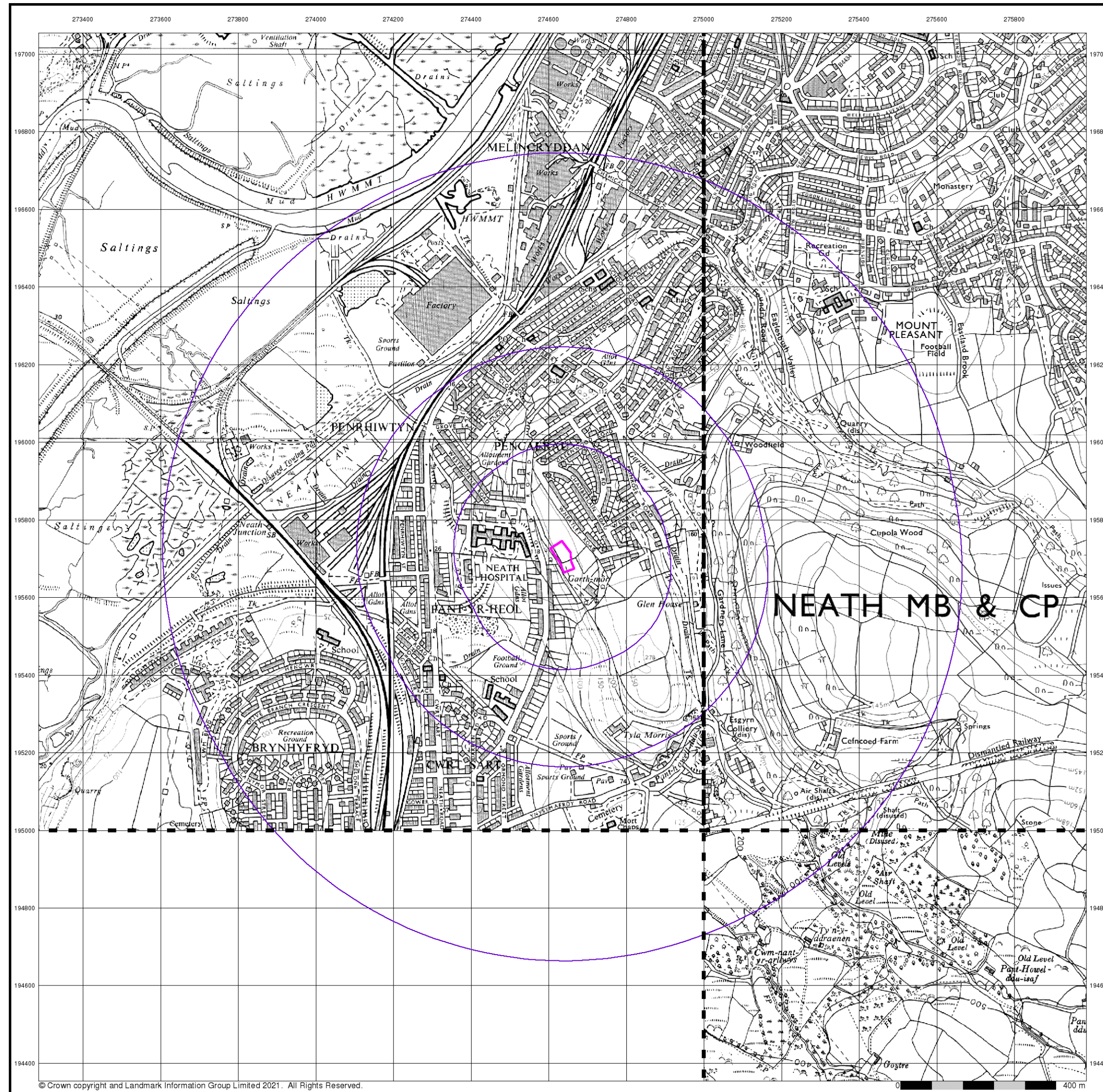
Order Number: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 1000

Site Details

1, Pearson Way, NEATH, SA11 2EJ



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



Geotechnical & Geoenvironmental Specialists

Ordnance Survey Plan

Published 1970 - 1974

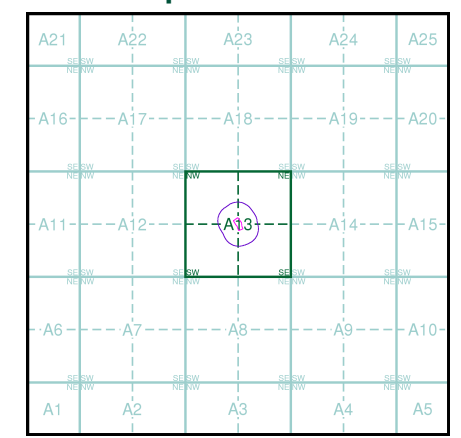
Source map scale - 1:10,000

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)

SS79NW	SS79NE
1970	1973
1:10,560	1:10,000
	SS79SE
	1974
	1:10,560

Historical Map - Slice A



Order Details

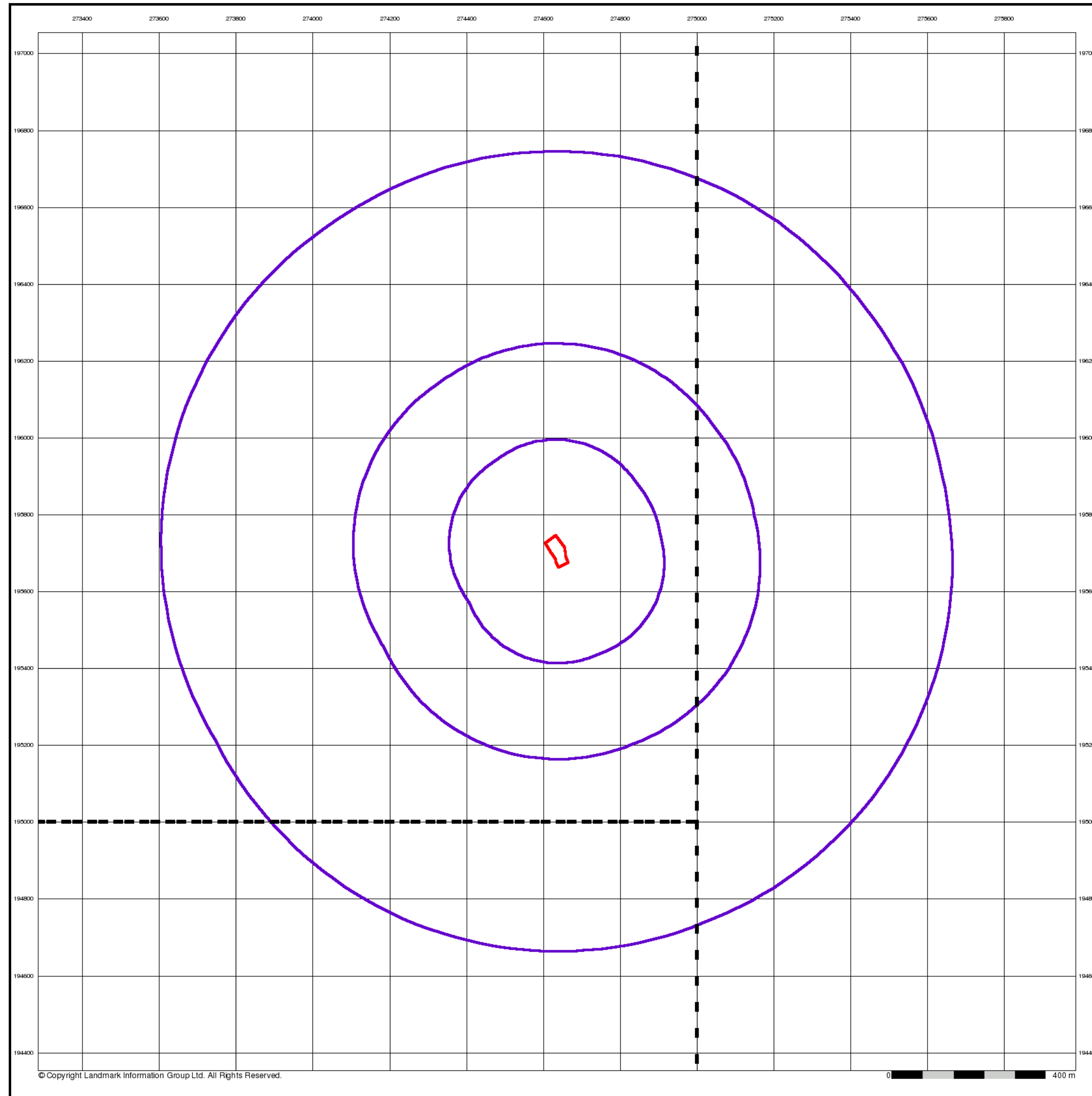
Order Number: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 1000

Site Details

1, Pearson Way, NEATH, SA11 2EJ



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



Geotechnical & Geoenvironmental Specialists

Swansea

Published 1976

Source map scale - 1:10,000

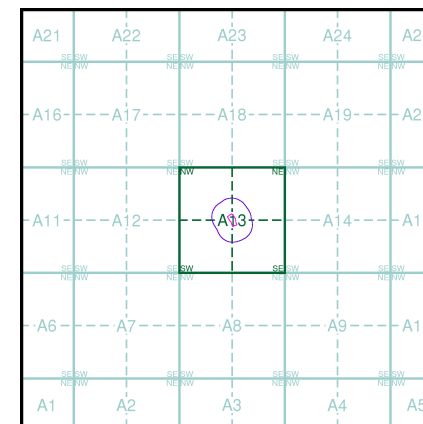
These maps were produced by the Russian military during the Cold War between 1950 and 1997, and cover 103 towns and cities throughout the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scale, and show detailed land use, with colour-coded areas for development, green areas, and non-developed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

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

Map Name(s) and Date(s)

SS79NW
1976
1:10,000
SS79SW
1976
1:10,000

Russian Map - Slice A



Order Details

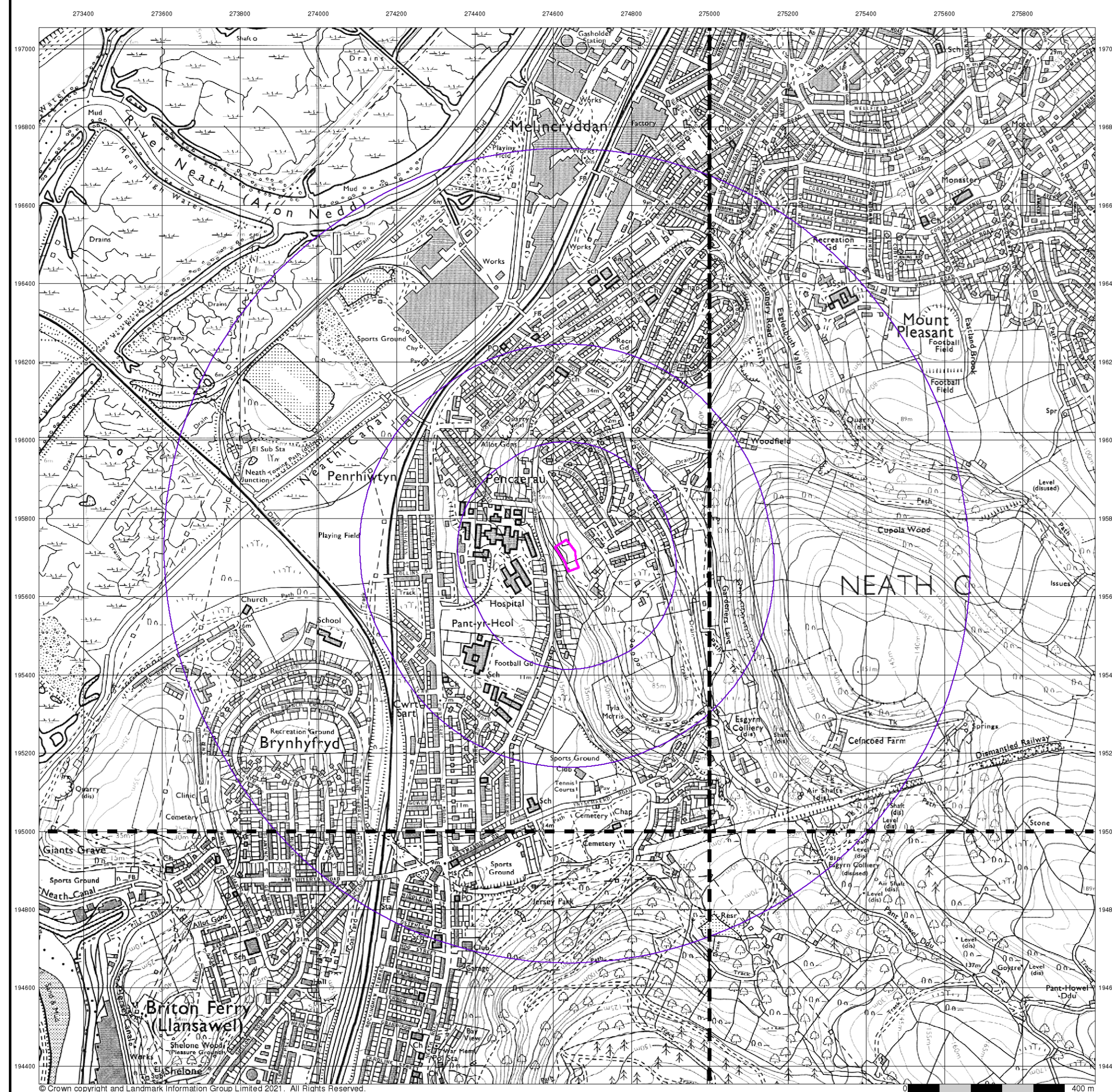
Order Number: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 1000

Site Details

1, Pearson Way, NEATH, SA11 2EJ



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



Ordnance Survey Plan

Published 1980 - 1983

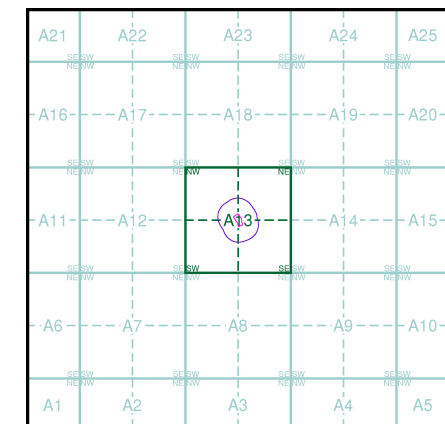
Source map scale - 1:10,000

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)

SS79NW 1980 1:10,000	SS79NE 1983 1:10,000
SS79SW 1980 1:10,000	SS79SE 1980 1:10,000

Historical Map - Slice A



Order Details

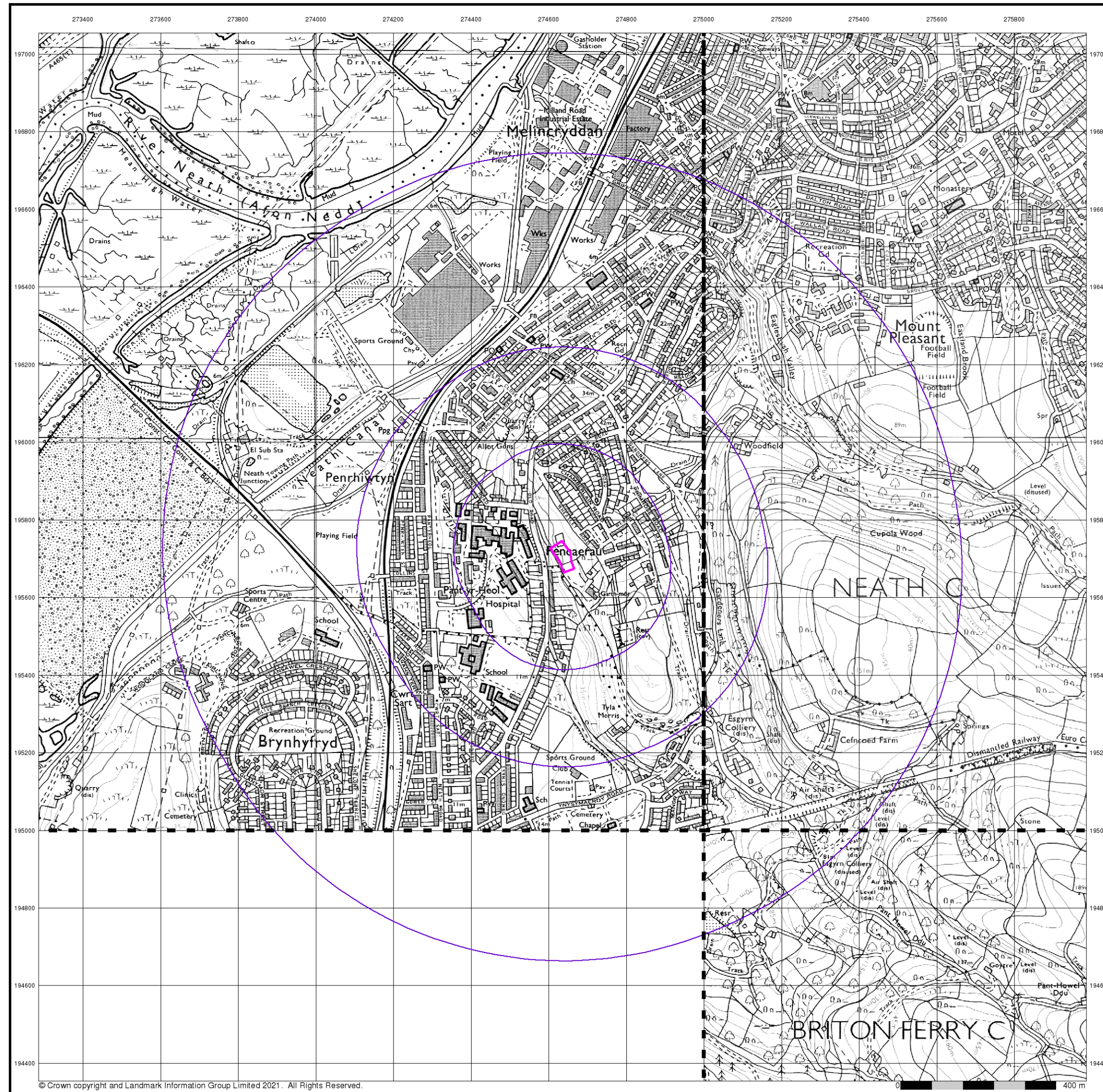
Order Number: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 1000

Site Details

1, Pearson Way, NEATH, SA11 2EJ

Landmark®
INFORMATION GROUP

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



© Crown copyright and Landmark Information Group Limited 2021. All Rights Reserved.



Geotechnical & Geoenvironmental Specialists

Ordnance Survey Plan

Published 1992 - 1996

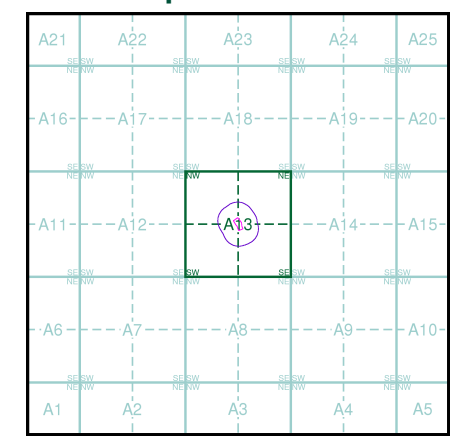
Source map scale - 1:10,000

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)

SS79NW	SS79NE
1992	1992
1:10,000	1:10,000
	SS79SE
	1996
	1:10,000

Historical Map - Slice A



Order Details

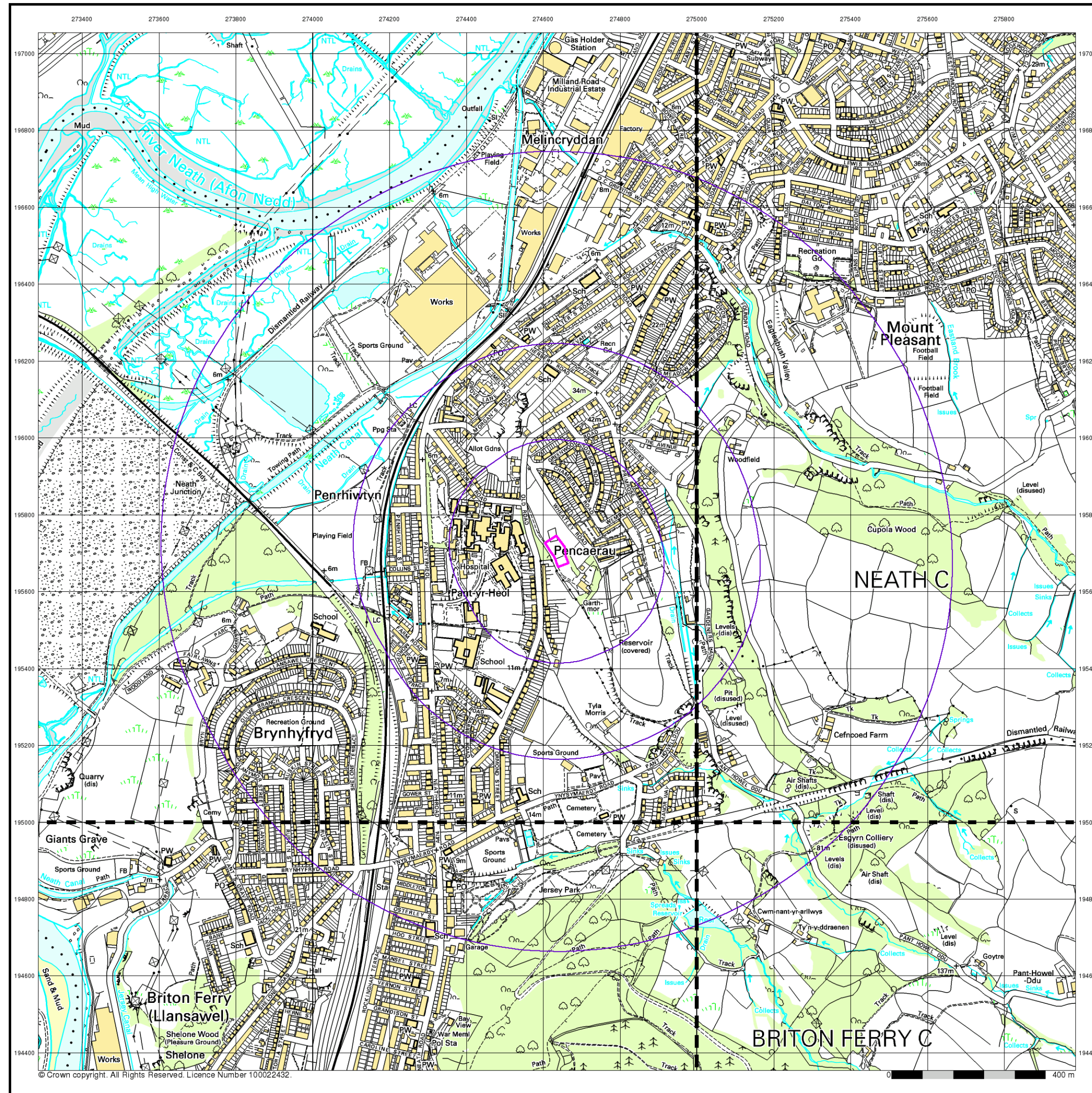
Order Number: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 1000

Site Details

1, Pearson Way, NEATH, SA11 2EJ



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



© Crown copyright. All Rights Reserved. Licence Number 100022432.



Geotechnical & Geoenvironmental Specialists

10k Raster Mapping

Published 1999

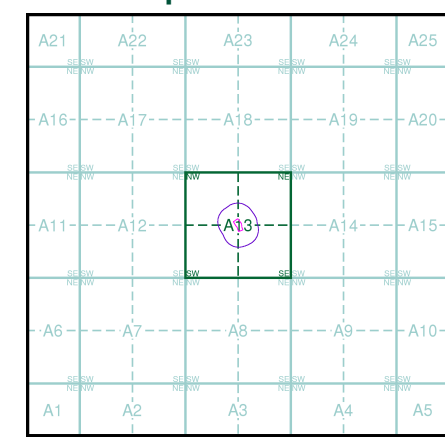
Source map scale - 1:10,000

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)

SS79NW	SS79NE
1999	1999
1:10,000	1:10,000
SS79SW	SS79SE
1999	1999
1:10,000	1:10,000

Historical Map - Slice A



Order Details

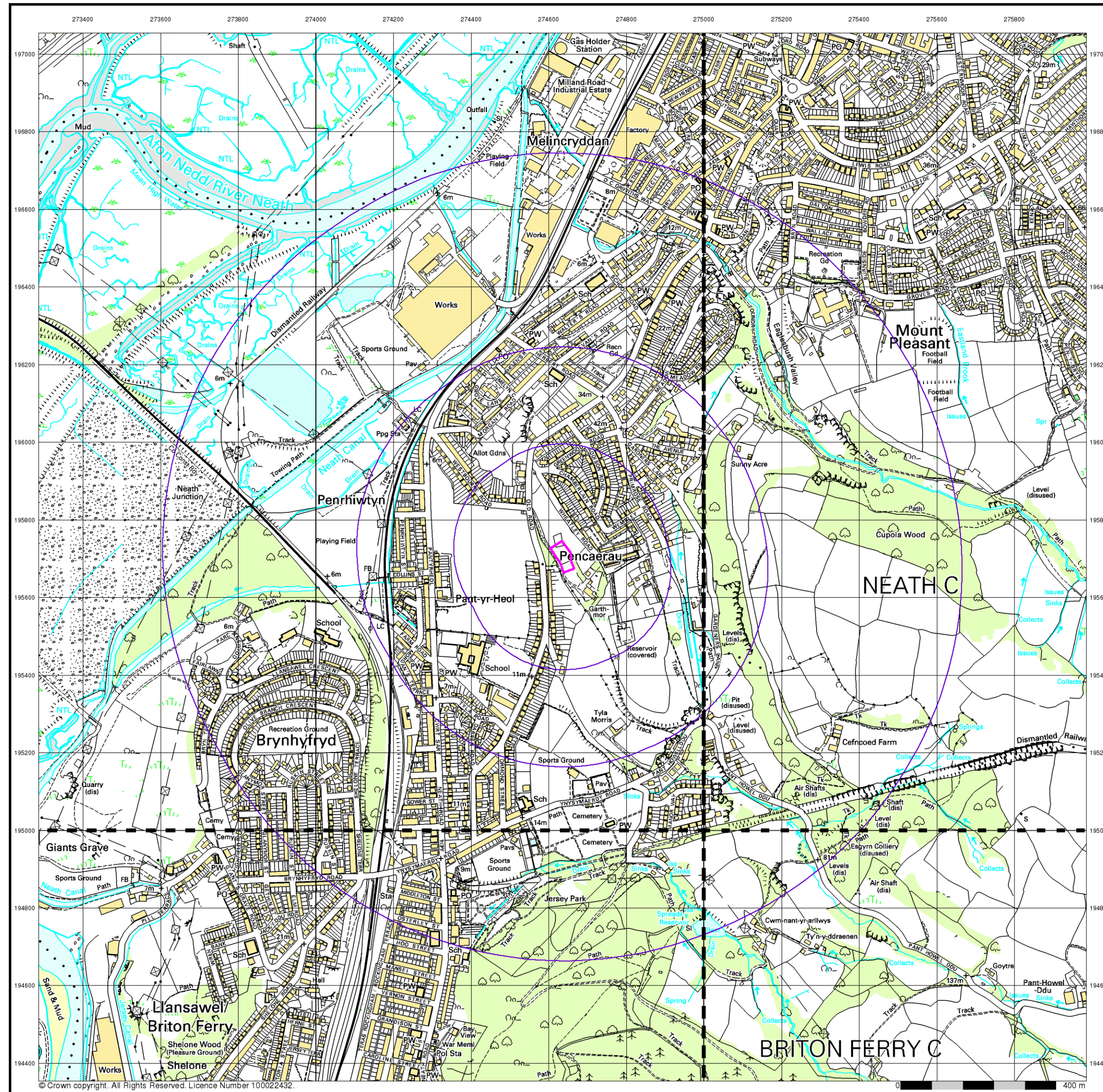
Order Number: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 1000

Site Details

1, Pearson Way, NEATH, SA11 2EJ



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



© Crown copyright. All Rights Reserved. Licence Number 100022432.



Geotechnical & Geoenvironmental Specialists

10k Raster Mapping

Published 2006

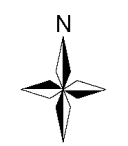
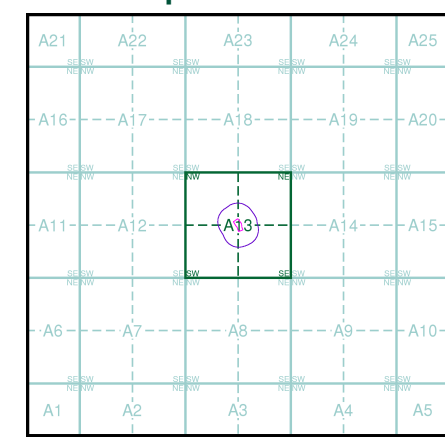
Source map scale - 1:10,000

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)

SS79NW 2006 1:10,000	SS79NE 2006 1:10,000
SS79SW 2006 1:10,000	SS79SE 2006 1:10,000

Historical Map - Slice A



Order Details

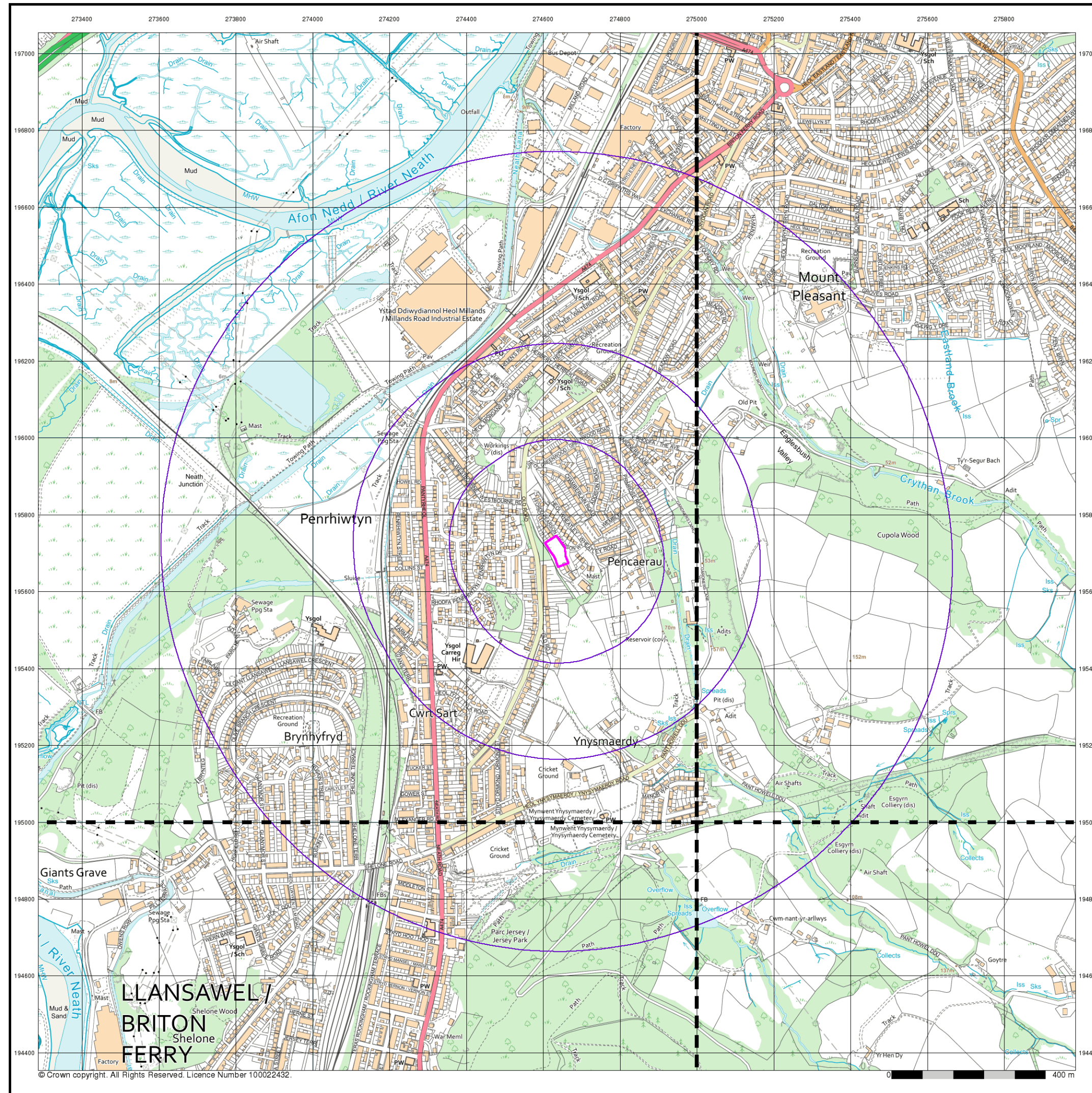
Order Number: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 1000

Site Details

1, Pearson Way, NEATH, SA11 2EJ



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



Geotechnical & Geoenvironmental Specialists

VectorMap Local

Published 2021

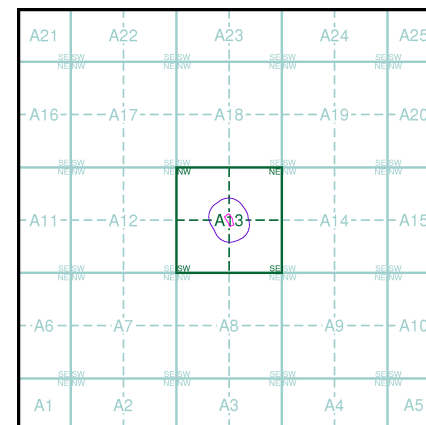
Source map scale - 1:10,000

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)

SS79NW	SS79NE
2021	2021
Variable	Variable
SS79SW	SS79SE
2021	2021
Variable	Variable

Historical Map - Slice A



Order Details

Order Number: 281040714_1_1
Customer Ref: 16819 - Pearson Way
National Grid Reference: 274640, 195700
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 1000

Site Details

1, Pearson Way, NEATH, SA11 2EJ



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

ANNEX B
Coal Authority Mining Report



The Coal
Authority

CON29M

coal mining report

1, PEARSON WAY, NEATH, NEATH PORT TALBOT, SA11 2EJ



Known or potential coal mining risks

Past underground coal mining	Page 4
Future underground coal mining	Page 4
Mine entries	Page 5



Further action

No further reports from the Coal Authority are required. Further information on any next steps can be found in our Professional opinion.

For more information on our reports please visit
www.groundstability.com



Professional opinion

According to the official mining information records held by the Coal Authority at the time of this search, evidence of, or the potential for, coal mining related features have been identified. In view of the coal mining circumstances we would recommend that any planned or future development should follow detailed technical advice before beginning work on site. Please see **page 3** for further details on **Future development**.

Your reference: **281040714_2**
Our reference: **51002557582001**
Date: **25 June 2021**

Client name:
NLIS Hub

If you require any further assistance please
contact our experts on:
0345 762 6848
groundstability@coal.gov.uk



The Law
Society

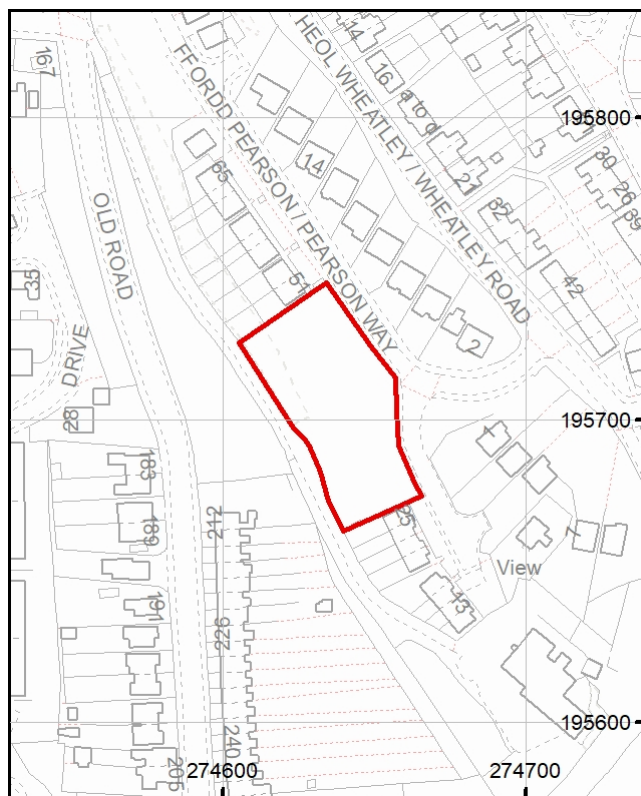
Enquiry boundary

Key

Approximate position of enquiry boundary shown



We can confirm that the location is
on the coalfield



Reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database right 2018. All rights reserved.
Ordnance Survey Licence number: 100020315.

This report is prepared in accordance with the latest Law Society's Guidance Notes 2018, the User Guide 2018 and the Coal Authority's Terms and Conditions applicable at the time the report was produced.



Accessibility

If you would like this information in an alternative format, please contact our communications team on 0345 762 6848 or email communications@coal.gov.uk.

Professional opinion



Future development

If development proposals are being considered, technical advice relating to both the investigation of coal and former coal mines and their treatment should be obtained before beginning work on site. All proposals should apply specialist engineering practice required for former mining areas. No development should be undertaken that intersects, disturbs or interferes with any coal or coal mines without first obtaining the permission of the Coal Authority. Developers should be aware that the investigation of coal seams, mine workings or mine entries may have the potential to generate and/or displace underground gases. Associated risks both to the development site and any neighbouring land or properties should be fully considered when undertaking any ground works. The need for effective measures to prevent gases migrating onto any land or into any properties, either during investigation or remediation work, or after development must also be assessed and properly addressed.

If you are looking to develop, or undertake works, within a coal mining development high risk area your Local Authority planning department may require a Coal Mining Risk Assessment to be undertaken by a qualified mining geologist or engineer. Should you require any additional information then please contact the Coal Authority on **0345 762 6848** or email **cmra@coal.gov.uk**.

Detailed findings

Information provided by the Coal Authority in this report is compiled in response to the Law Society's CON29M Coal Mining enquiries. The said enquiries are protected by copyright owned by the Law Society of 113 Chancery Lane, London WC2A 1PL.

The Coal Authority owns the copyright in this report and the information used to produce this report is protected by our database rights. All rights are reserved and unauthorised use is prohibited. If we provide a report for you, this does not mean that copyright and any other rights will pass to you. However, you can use the report for your own purposes.

1 Past underground coal mining

The property is not within a surface area that could be affected by any past recorded underground coal mining.

However the property is in an area where the Coal Authority believes there is coal at or close to the surface. This coal may have been worked at some time in the past. The potential presence of coal workings at or close to the surface should be considered, particularly prior to any site works or future development activity, as ground movement could still be a risk. Your attention is drawn to the Professional opinion sections of the report.

2 Present underground coal mining

The property is not within a surface area that could be affected by present underground mining.

3 Future underground coal mining

The property is not in an area where the Coal Authority has received an application for, and is currently considering whether to grant a licence to remove or work coal by underground methods.

The property is not in an area where a licence has been granted to remove or otherwise work coal using underground methods.

The property is not in an area likely to be affected from any planned future underground coal mining.

However, reserves of coal exist in the local area which could be worked at some time in the future.

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

4 Mine entries

There are no recorded coal mine entries known to the Coal Authority within, or within 20 metres, of the boundary of the property.

This information is based on the information that the Coal Authority has at the time of this enquiry.

Based on the Coal Authority's knowledge of the mining circumstances at the time of this enquiry, there may be unrecorded mine entries in the local area that do not appear on Coal Authority records.

5 Coal mining geology

The Coal Authority is not aware of any damage due to geological faults or other lines of weakness that have been affected by coal mining.

6 Past opencast coal mining

The property is not within the boundary of an opencast site from which coal has been removed by opencast methods.

7 Present opencast coal mining

The property does not lie within 200 metres of the boundary of an opencast site from which coal is being removed by opencast methods.

8 Future opencast coal mining

There are no licence requests outstanding to remove coal by opencast methods within 800 metres of the boundary.

The property is not within 800 metres of the boundary of an opencast site for which a licence to remove coal by opencast methods has been granted.

9 Coal mining subsidence

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

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

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

10 Mine gas

The Coal Authority has no record of a mine gas emission requiring action.

11 Hazards related to coal mining

The property has not been subject to remedial works, by or on behalf of the Coal Authority, under its Emergency Surface Hazard Call Out procedures.

12 Withdrawal of support

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

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

13 Working facilities order

The property is not in an area where an order has been made, under the provisions of the Mines (Working Facilities and Support) Acts 1923 and 1966 or any statutory modification or amendment thereof.

14 Payments to owners of former copyhold land

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

Statutory cover



Coal mining subsidence

In the unlikely event of any coal mining related subsidence damage, the Coal Authority or the mine operator has a duty to take remedial action in respect of subsidence caused by the withdrawal of support from land or property in connection with lawful coal mining operations.

When the works are the responsibility of the Coal Authority, our dedicated public safety and subsidence team will manage the claim. The house or land owner ("the owner") is covered for these works under the terms of the Coal Mining Subsidence Act 1991 (as amended by the Coal Industry Act 1994). Please note, this Act does not apply where coal was worked or gotten by virtue of the grant of a gale in the Forest of Dean, or any other part of the Hundred of St. Briavels in the county of Gloucester.

If you believe your land or property is suffering from coal mining subsidence damage and you need more information on what to do next, please use the following link to our website which sets out what your rights are and what you need to consider before making a claim.

www.gov.uk/government/publications/coal-mining-subsidence-damage-notice-form



Coal mining hazards

Our public safety and subsidence team provide a 24 hour a day, 7 days a week hazard reporting service, to help protect the public from hazards caused by past coal workings, such as a mine shaft or shallow working collapse. To report any hazards please call **01623 646 333**. Further information can be found on our website: www.gov.uk/coalauthority.

Glossary



Key terms

adit - horizontal or sloped entrance to a mine

coal mining subsidence - ground movement caused by the removal of coal by underground mining

Coal Mining Subsidence Act 1991 - the Act setting out the duties of the Coal Authority to repair damage caused by coal mining subsidence

coal mining subsidence damage - damage to land, buildings or structures caused by the removal of coal by underground mining

coal seams - bed of coal of varying thickness

future opencast coal mining - a licence granted, or licence application received, by the Coal Authority to excavate coal from the surface

future underground coal mining - a licence granted, or licence application received, by the Coal Authority to excavate coal underground. Although it is unlikely, remaining coal reserves could create a possibility for future mining, which would be licensed by the Coal Authority

mine entries - collective name for shafts and adits

payments to owners of former copyhold land - historically, copyhold land gave rights to coal to the copyholder. Legislation was set up to allow others to work this coal, but they had to issue a notice and pay compensation if a copyholder came forward

shaft - vertical entry into a mine

site investigation - investigations of coal mining risks carried out with the Coal Authority's permission

stop notice - a delay to repairs because further coal mining subsidence damage may occur and it would be unwise to carry out permanent repairs

subsidence claim - a formal notice of subsidence damage to the Coal Authority since it was established on 31 October 1994

withdrawal of support - a historic notice informing landowners that the coal beneath their property was going to be worked

working facilities orders - a court order which gave permission, restricted or prevented coal mine workings

ANNEX C
Risk Assessment Definitions

The contaminated land regime is set out in Part 2A of the Environmental Protection Act (EPA) 1990 and was introduced on the 1st April 2000 in England and 1st July 2001 in Wales. A similar regime was introduced in Scotland on 14th July 2000.

Part 2A was introduced to achieve three overarching objectives:

- (a) To identify and remove unacceptable risks to human health and the environment.
- (b) To seek to ensure that contaminated land is made suitable for its current use.
- (c) To ensure that the burdens faced by individuals, companies and society as a whole are proportionate, manageable and compatible with the principles of sustainable development.

Under Part 2A the statutory definition of 'contaminated land' is:

"any land which appears to the local authority in whose area it is situated, to be in such a condition, by reason of substances in, on, or under the land, that:

- (a) Significant harm is being caused or there is a significant possibility of such harm being caused; or
- (b) Pollution of controlled waters is being, or is likely to be, caused."

Under Part 2A, for land to be classified as 'Contaminated Land' there must be one or more contaminant, pathway, receptor linkages, known as the '**Pollutant Linkage**'. A pollutant linkage requires three essential elements:

- (a) A **CONTAMINANT** (SOURCE) – a substance that is in, on or under the land and has the potential to cause harm or to cause pollution of controlled waters.
- (b) A **RECEPTOR** – something which could be adversely affected by a contaminant.
- (c) A **PATHWAY** – a route by which a receptor is or might be exposed to or affected by a contaminant.

The term 'Risk' is widely used in different contexts and situations, but a prescriptive definition is given by the Guidelines for Environmental Risk Assessment and Management (DEFRA *et al*, 2000):

'Risk is a combination of the probability, or frequency, of occurrence of a defined hazard and the magnitude of the consequences of the occurrence'.

Model Procedures for the Management of Land Contamination – Contamination Land Report 11 (2004) defines a 'Hazard' as

'a property or situation that in particular circumstances could lead to harm'.

A framework for qualitative risk assessment is provided in CIRIA publication C552 Contaminated Land Risk Assessment – A Guide to Good Practice (2001). The method requires an assessment of the magnitude of the probability of the risk occurring and the magnitude of the potential consequence. Classifications of consequences and probability, levels and descriptions of risk have been devised from the above publication and are defined in the following sections.

Classification of Consequence

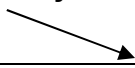
Table A Classification of Consequence	
Classification	Definition
Severe	• Short term (acute) risk to human health likely to result in significant harm • Short term risk to controlled waters • Catastrophic damage to buildings/structures • Short term risk to an ecosystem or organism within the particular ecosystem
Medium	• Chronic damage to human health (long term risk) • Pollution of a sensitive water resource • A significant change in an ecosystem or organism within the ecosystem
Mild	• Pollution of non-sensitive water resources • Significant damage to buildings/structures • Damage to sensitive buildings/structure/services or the environment
Negligible	• Harm (not necessarily significant) which may result in financial loss • Non-permanent health effects to humans (easily prevented by PPE for example) • Easily repairable effects of structural (building) damage

Classification of Probability

Table B Classification of Probability	
Classification	Definition
High Likelihood	• There is a complete pollution linkage and an event appears very likely to occur in the short term and is inevitable in the long term. • Evidence of harm to the receptor
Likely	• There is a complete pollution linkage which means that it is probable that an event will occur • The event is not inevitable but possible in short term and likely in the long term
Low Likelihood	• There is a complete pollution linkage and circumstances are possible under which an event could occur • It is not certain that an event will occur in the long term, and it is less likely to occur in the short term
Unlikely	• There is a complete pollution linkage but circumstances are such that it is improbable that an event would occur even in the long term

Risk Assessment Matrix

By comparing the consequences of a risk and the probability of the risk of a pollution linkage, the likely risk category can be determined as shown in **Table C** below.

Table C Risk Assessment Matrix					
Increasing acceptability 		Consequence			
		Severe	Medium	Mild	Negligible
Probability	High Likelihood	High risk	High risk	Medium risk	Low risk
	Likely	High risk	Medium risk	Low risk	Near zero risk
	Low Likelihood	Medium risk	Low risk	Low risk	Near zero risk
	Unlikely	Low risk	Near zero risk	Near zero risk	Near zero risk

Description of Risks and Likely Actions

High Risk

There is a high probability that severe harm could arise to a receptor, or there is evidence that a receptor is currently being severely harmed. The risk if realised is likely to result in liability, and urgent investigation or remediation will be required.

Medium Risk

It is probable that harm will arise to a receptor. However, it is relatively unlikely that such harm would be severe, or if harm does occur the harm is likely to be relatively mild. Investigation will be required to determine the liability, and some remedial works may be required in the long term.

Low Risk

It is possible that harm may arise to a receptor, but it is likely that the harm would be mild.

Near Zero Risk

There is a very low risk of harm to the receptor. In the event of harm being realised the harm is not likely to be severe.

**ANNEX D
Windowless Sampling
Logs**

Borehole Log

Borehole No.

WS01

Sheet 1 of 1

Project Name:	Pearson Way	Project No:	16819	Co-ords:		Hole Type	WLS
Location:	Pearson Way, Neath, SA11 2EJ	Level:		Scale	1:50	Logged By	IB
Client:	PHG Consulting Engineers Ltd	Dates:	28/07/2020 -				

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Well	Legend	Stratum Description	
	Depth (m)	Type	Results						
				0.20				Grass over soft brown very sandy CLAY	
	1.00	SPT	N=44 (3,5/7,11,12,14)					Very stiff grey, brown, orange and blue mottled very gravelly CLAY. Gravel is fine to coarse angular weak Mudstone. (Suspected Fill)	1
								<i>With bands of very sandy clayey fine to coarse angular GRAVELS of SANDSTONE</i>	
	2.00	SPT	N=16 (7,7/4,4,4,4)	2.00				Medium dense very clayey sandy fine to coarse sub angular to angular GRAVEL of sandstone. (Suspected Fill)	2
	3.00	SPT	N=8 (2,2/2,2,2,2)						3
	4.00	SPT	50 (1,0/50 for 225mm)	4.00				End of Borehole at 4.000m	4
									5
									6
									7
									8
									9
									10

Remarks: Gas Monitoring Well Installed.

Borehole Log

Borehole No.

WS02

Sheet 1 of 1

Project Name:	Pearson Way	Project No:	16819	Co-ords:		Hole Type	WLS
Location:	Pearson Way, Neath, SA11 2EJ	Level:		Scale	1:50	Logged By	IB
Client:	PHG Consulting Engineers Ltd	Dates:	28/07/2020 -				

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Well	Legend	Stratum Description	
	Depth (m)	Type	Results						
				0.20				Grass over soft brown very sandy gravelly CLAY with fine rootlets	
	1.00	SPT	N=10 (2,2/4,2,2,2)					Firm grey, brown, orange and blue mottled very gravelly CLAY. Gravel is fine to coarse angular weak Mudstone. With rare cobble (Suspected Fill)	1
	2.00	SPT	N=15 (2,2/2,2,4,7)	1.80				Firm brown very gravelly sandy CLAY. Gravel is fine to coarse subangular to angular sandstone and mudstone. (Suspected Fill)	2
	3.00	SPT	N=18 (6,7/7,5,3,3)					very Wet 2 - 2.3	
	3.80	SPT	50 (25 for 30mm/50 for 15mm)	4.00				Stiff Below 3m	3
								Wet and soft.	4
								End of Borehole at 4.000m	4
									5
									6
									7
									8
									9
									10

Remarks: Gas Monitoring Well Installed.

Borehole Log

Borehole No.

WS03

Sheet 1 of 1

Project Name:	Pearson Way	Project No:	16819	Co-ords:		Hole Type	WLS
Location:	Pearson Way, Neath, SA11 2EJ	Level:		Scale	1:50	Logged By	IB
Client:	PHG Consulting Engineers Ltd	Dates:	28/07/2020 -				

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Well	Legend	Stratum Description	
	Depth (m)	Type	Results						
				0.10				Grass over soft brown very sandy gravelly CLAY with fine rootlets	
	1.00	SPT	N=20 (5,5/4,5,5,6)					Very stiff grey, brown, orange and blue mottled very gravelly CLAY. Gravel is fine to coarse angular weak mudstone. With rare cobbles (Suspected Fill)	1
	2.00	SPT	N=10 (1,0/1,3,3,3)	1.70				Stiff brown very gravelly sandy CLAY. Gravel is fine to coarse subangular to angular sandstone and mudstone. (Suspected Fill) (Wet)	2
	3.00	SPT	N=27 (3,5/4,11,5,7)					<u>Firm/Soft Below 3m</u>	3
	4.00	SPT	50 (10,12/50 for 190mm)	3.70 4.00				Very stiff brown gravelly CLAY. Gravel is fine to coarse subrounded to subangular sandstone.	4
								End of Borehole at 4.000m	
									5
									6
									7
									8
									9
									10

Remarks: Gas Monitoring Well Installed.

ANNEX E
Soil Laboratory Chemical Test
Results



Final Report

Report No.:	21-22305-1		
Initial Date of Issue:	06-Jul-2021		
Client	Terra Firma (Wales) Ltd		
Client Address:	5 Deryn Court Wharfedale Road Pentwyn Cardiff CF23 7HA		
Contact(s):	ieuan@terrafirmawales.co.uk		
Project	16819 - Pearsons Way		
Quotation No.:	Q19-16176	Date Received:	30-Jun-2021
Order No.:	16819 IB	Date Instructed:	30-Jun-2021
No. of Samples:	5		
Turnaround (Wkdays):	5	Results Due:	06-Jul-2021
Date Approved:	06-Jul-2021		
Approved By:			
Details:	Glynn Harvey, Technical Manager		

Results - Soil

Project: 16819 - Pearsons Way

Client: Terra Firma (Wales) Ltd	Chemtest Job No.:					21-22305	21-22305	21-22305	21-22305	21-22305
Quotation No.: Q19-16176	Chemtest Sample ID.:					1231144	1231145	1231146	1231147	1231148
Order No.: 16819 IB	Client Sample Ref.:					WS01	WS01	WS02	WS03	WS03
	Client Sample ID.:					WS01	WS01	WS02	WS03	WS03
	Sample Location:					16819 - Pearsons Way	16819 - Pearsons Way	16819 - Pearsons Way	16819 - Pearsons Way	16819 - Pearsons Way
	Sample Type:					SOIL	SOIL	SOIL	SOIL	SOIL
	Bottom Depth (m):					0.45	1.5	03	0.5	2.5
	Date Sampled:					28-Jun-2021	28-Jun-2021	28-Jun-2021	28-Jun-2021	28-Jun-2021
	Time Sampled:					0:00	0:00	0:00	0:00	0:00
	Asbestos Lab:					DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	Accred.	SOP	Units	LOD						
ACM Type	U	2192		N/A	-	-	-	-	-	-
Asbestos Identification	U	2192		N/A	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
ACM Detection Stage	U	2192		N/A	-	-	-	-	-	-
Moisture	N	2030	%	0.020	6.7	8.4	11	8.7	11	
Soil Colour	N	2040		N/A	Brown	Brown	Brown	Brown	Brown	
Other Material	N	2040		N/A	Stones	Stones and Roots	Stones	Stones	Stones	
Soil Texture	N	2040		N/A	Sand	Clay	Clay	Clay	Clay	
pH	M	2010		4.0	8.2	8.1	8.1	8.2	8.1	
Boron (Hot Water Soluble)	M	2120	mg/kg	0.40	< 0.40	< 0.40	0.42	< 0.40	< 0.40	
Cyanide (Total)	M	2300	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	
Sulphate (Acid Soluble)	M	2430	%	0.010	0.014	0.014	0.040	0.047	< 0.010	
Arsenic	M	2450	mg/kg	1.0	12	12	19	6.3	7.9	
Cadmium	M	2450	mg/kg	0.10	0.21	0.28	0.40	0.12	0.18	
Chromium	M	2450	mg/kg	1.0	20	21	21	12	14	
Mercury Low Level	M	2450	mg/kg	0.05	0.13	0.09	0.13	0.09	0.07	
Copper	M	2450	mg/kg	0.50	43	28	43	27	22	
Nickel	M	2450	mg/kg	0.50	50	44	40	33	30	
Lead	M	2450	mg/kg	0.50	26	25	59	18	17	
Selenium	M	2450	mg/kg	0.20	0.70	0.34	0.81	0.31	0.27	
Zinc	M	2450	mg/kg	0.50	110	100	160	66	74	
Chromium (Trivalent)	N	2490	mg/kg	1.0	20	21	21	12	14	
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Aliphatic TPH >C8-C10	M	2680	mg/kg	1.0	8.1	9.1	9.1	< 1.0	< 1.0	
Aliphatic TPH >C10-C12	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Aliphatic TPH >C12-C16	M	2680	mg/kg	1.0	2.2	2.0	3.7	< 1.0	< 1.0	
Aliphatic TPH >C16-C21	M	2680	mg/kg	1.0	2.6	3.9	2.1	< 1.0	< 1.0	
Aliphatic TPH >C21-C35	M	2680	mg/kg	1.0	17	26	18	< 1.0	1.8	
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0	30	41	33	< 5.0	< 5.0	
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	

Results - Soil

Project: 16819 - Pearsons Way

Client: Terra Firma (Wales) Ltd	Chemtest Job No.:				21-22305	21-22305	21-22305	21-22305	21-22305
Quotation No.: Q19-16176	Chemtest Sample ID.:				1231144	1231145	1231146	1231147	1231148
Order No.: 16819 IB	Client Sample Ref.:				WS01	WS01	WS02	WS03	WS03
	Client Sample ID.:				WS01	WS01	WS02	WS03	WS03
	Sample Location:				16819 - Pearsons Way	16819 - Pearsons Way	16819 - Pearsons Way	16819 - Pearsons Way	16819 - Pearsons Way
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL
	Bottom Depth (m):				0.45	1.5	03	0.5	2.5
	Date Sampled:				28-Jun-2021	28-Jun-2021	28-Jun-2021	28-Jun-2021	28-Jun-2021
	Time Sampled:				0:00	0:00	0:00	0:00	0:00
	Asbestos Lab:				DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	Accred.	SOP	Units	LOD					
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C8-C10	M	2680	mg/kg	1.0	13	13	13	< 1.0	< 1.0
Aromatic TPH >C10-C12	M	2680	mg/kg	1.0	7.5	7.9	7.1	< 1.0	< 1.0
Aromatic TPH >C12-C16	M	2680	mg/kg	1.0	15	14	15	4.4	4.3
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0	13	15	15	< 1.0	< 1.0
Aromatic TPH >C21-C35	M	2680	mg/kg	1.0	33	38	37	24	25
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0	82	88	87	29	29
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0	110	130	120	29	31
Naphthalene	M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthylene	M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthene	M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluorene	M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Phenanthrene	M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Anthracene	M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluoranthene	M	2700	mg/kg	0.10	< 0.10	0.20	< 0.10	< 0.10	< 0.10
Pyrene	M	2700	mg/kg	0.10	< 0.10	0.18	< 0.10	< 0.10	< 0.10
Benzo[a]anthracene	M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Chrysene	M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[b]fluoranthene	M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[k]fluoranthene	M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[a]pyrene	M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Indeno(1,2,3-c,d)Pyrene	M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Dibenz(a,h)Anthracene	M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene	M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Total Of 16 PAH's	M	2700	mg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Total Phenols	M	2920	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Organic Matter BS1377	N	2930	%	0.10	< 0.10	1.5	3.4	1.4	1.1

Test Methods

SOP	Title	Parameters included	Method summary
2010	pH Value of Soils	pH	pH Meter
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.
2040	Soil Description(Requirement of MCERTS)	Soil description	As received soil is described based upon BS5930
2120	Water Soluble Boron, Sulphate, Magnesium & Chromium	Boron; Sulphate; Magnesium; Chromium	Aqueous extraction / ICP-OES
2192	Asbestos	Asbestos	Polarised light microscopy / Gravimetry
2300	Cyanides & Thiocyanate in Soils	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Alkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.
2430	Total Sulphate in soils	Total Sulphate	Acid digestion followed by determination of sulphate in extract by ICP-OES.
2450	Acid Soluble Metals in Soils	Metals, including: Arsenic; Barium; Beryllium; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Vanadium; Zinc	Acid digestion followed by determination of metals in extract by ICP-MS.
2490	Hexavalent Chromium in Soils	Chromium [VI]	Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazine.
2680	TPH A/A Split	Aliphatics: >C5–C6, >C6–C8,>C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44	Dichloromethane extraction / GCxGC FID detection
2700	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-FID	Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene	Dichloromethane extraction / GC-FID (GC-FID detection is non-selective and can be subject to interference from co-eluting compounds)
2920	Phenols in Soils by HPLC	Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.	60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.
2930	Organic Matter	Organic Matter	Acid Dichromate digestion/Titration

Report Information

Key

U	UKAS accredited
M	MCERTS and UKAS accredited
N	Unaccredited
S	This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis
SN	This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
T	This analysis has been subcontracted to an unaccredited laboratory
I/S	Insufficient Sample
U/S	Unsuitable Sample
N/E	not evaluated
<	"less than"
>	"greater than"
SOP	Standard operating procedure
LOD	Limit of detection

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

Sample Deviation Codes

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container
- E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

Sample Retention and Disposal

All soil samples will be retained for a period of 30 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:

customerservices@chemtest.com

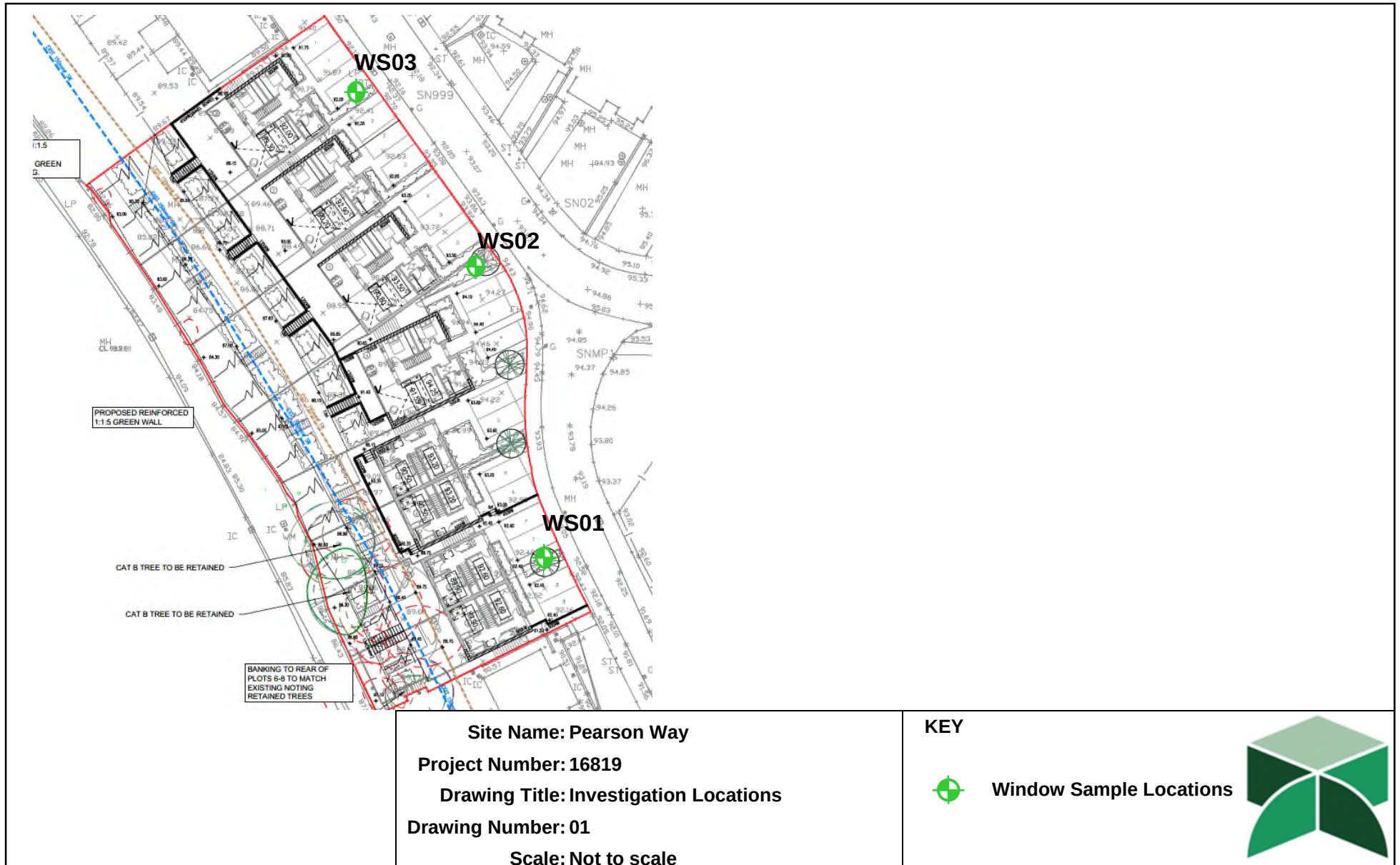
**ANNEX F
Gas Monitoring Results**



GROUND GAS & GROUNDWATER MONITORING RESULTS

Site Name: Pearson Way, Neath Project Number: 16819 Date: 20.07.2021 Engineer: IB Weather: Dry Visit: 1 of 6							
Atmospheric Pressure: 984							
Equipment:							
Well ID	Time (Minutes)	Flow Rate (l/hr)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	CO (ppm)	H ₂ S (ppm)
WS01	1	0.0	0.0	1.5	18.4	1	0
	2		0.0	1.5	18.5	1	0
	3		0.0	1.3	18.6	1	0
	4		0.0	1.2	18.8	1	0
	5		0.0	1.1	18.8	1	0
	10		0.0	1.1	19.0	1	0
WS03	1	0.0	0.0	10.4	7.0	2	0
	2		0.0	10.5	6.7	2	0
	3		0.0	10.5	6.6	2	0
	4		0.0	10.5	6.8	2	0
	5		0.0	10.5	6.9	2	0

DRAWINGS





Terra Firma (Wales) Ltd. 5 Deryn Court, Wharfedale Road, Pentwyn, Cardiff CF23 7HA
Tel: 029 2073 5354 **Fax:** 029 2073 5433 **Email:** info@terrafirmawales.co.uk www.terrafirmawales.co.uk