

Former Working Men's Club, Flint

Phase 1 Geo-environmental Desk Study

March 2025

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Approval Record	
Author:	Megan Williams BSc (Hons) MSc MCIWEM
Checker:	Aled Williams BSc (Hons) MCIWEM C.WEM
Approver:	Nigel Jones BEng (Hons) CEng MICE

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Introduction

Reason for the Report

On the instructions of Luke Morris of Wales & West Housing Association on behalf of Enfys Development Ltd (the Client), Waterco Ltd (Waterco) has carried out a Phase 1 Geo-environmental Desk Study of the site known as the former Working Men's Club at Woodfield Avenue, Flint, CH6 5JQ. This report has been produced on the assumption that the site will be redeveloped as a residential development for approximately 20no. flats.

Waterco has reviewed readily available information on the geo-environmental characteristics of the site to make a preliminary qualitative assessment of the potential ground-related risks associated with site ownership / potential risks relating to the proposed development.

Report Objectives

This report has been prepared in general accordance with the procedures described in the Land contamination risk management (LCRM) Guidance, BS 5930:2015 (as amended) Code of Practice for Site Investigations (BSI), and BS 10175:2011 +A2:2017 Investigation of Potentially Contaminated Sites – Code of Practice (BSI), to:

- Describe the environmental setting of the site;
- Summarise the history of the site;
- Summarise the underlying geology and hydrogeology;
- Summarise the findings of any historical ground investigation work;
- Provide a Conceptual Site Model for the prevailing ground conditions; and
- Present a preliminary qualitative evaluation of potential land contamination risks.

A qualitative 'source–pathway–receptor' approach has been used to assess the potential risks of harm being caused to human, environmental, or controlled water receptors from potential contamination sources on or in the vicinity of the site, via transport pathways.

The report concludes with a series of recommendations for undertaking further investigative work. The purpose of such is to substantiate the findings of the preliminary evaluation and thereby reduce uncertainty in the Conceptual Site Model.

Proposed Development

The proposed development is for approximately 20no. residential apartment units with associated parking and access. An indicative site layout plan is included in Appendix A.

Sources of Information

This report has been prepared using a combination of published records, information held by the Client

(where available) and other sources such as the Local Authority. These include statutory records and historical mapping supplied within a Landmark Envirocheck Report, published geological and hydrogeological mapping and historical borehole records. A complete listing of all information sources is included in the References section.

Limitations of the Report

The opinions expressed in this report and the comments and recommendations given are based on a desk assessment of readily available information. At this stage intrusive investigations have yet to be undertaken at site to establish actual ground and groundwater conditions and to provide data for an assessment of the geo-environmental status of the site.

The information, views and conclusions drawn are based, in part, on information supplied to Waterco by other parties. Waterco has proceeded in good faith on the assumption that this information is accurate. Waterco accepts no liability for any inaccurate conclusions, assumptions or actions taken resulting from any inaccurate information supplied to Waterco from others.

Reference to historical Ordnance Survey (OS) maps provides invaluable information regarding the land use history of a site. However, it should be noted that historical evidence will be incomplete for the period pre-dating the first edition and between successive maps.

Any risks identified in this report are perceived risks, based on the information reviewed during the desk study and therefore partially based on conjecture from available information. The study is limited by the non-intrusive nature of the work and actual risks can only be assessed following a physical investigation of the site.

Site Description and Setting

Site Setting

The site is located on previously developed brownfield land. It is centred on National Grid Reference (NGR): 324587, 372394. The site is bordered by residential properties to the north-east, Woodfield Avenue to the south-east, and agricultural land to the south-west and north-west. A location plan and aerial image are provided in Appendix B.

The site covers approximately 0.255 hectares (ha) and is defined by the red line boundary on the site location plan.

Topographical Data

A topographical survey has been completed by Cheshire Surveys Ltd in March 2025 and is included in Appendix C. The topographical survey shows that the site slopes from approximately 36.0 metres Above Ordnance Datum (m AOD) in the north-west to 31.0m AOD in the south-east.

Topographical data has also been derived from a 1m resolution Natural Resources Wales (NRW) composite

‘Light Detecting and Ranging’ (LiDAR) Digital Terrain Model (DTM). The LiDAR data generally corroborates the topographical survey.

Information from Statutory Authorities

Landmark Envirocheck Report

Table 1 summarises information contained in the Landmark Envirocheck report, a summary of which is included as Appendix D. The report collates data from a variety of sources including the Environment Agency (EA) and the British Geological Survey (BGS). All data suppliers are referenced in the report.

Table 1 - Summary of Regulatory Information

Subject	Number present			Details
	On site	0-500m	500-1000m	
Agency and Hydrological				
Discharge Consents		2	19	There are no discharge consents within the site. The closest record is 268m east of the site.
Pollution Incidents to Controlled Waters			35	There are no records of pollution incidents within the site. The closest record is 560m west of the site and pertains to a ‘category 3’ minor incident of a natural algae occurrence in the River Dee in 1997.
Substantiated Pollution Incident Register		1		There are no records within the site. The closest record is 490m north-east of the site. There were no significant effects to the water environment. It was classified as a category 2 – significant incident to air, and a category 3 – minor incident to land.
Waste				
BGS Recorded Landfill Sites				There are no BGS recorded landfill sites within 1km of the site.
Historical Landfill Sites			1	There are no records within the site. There is 1no. record 787m north of the site. Details include deposited industrial and household waste.

Subject	Number present			Details
	On site	0-500m	500-1000m	
Licensed Waste Management Facilities			1	There are no records within the site. There is 1no. facility located 883m north of the site at Unit 5, Castle Park, Flint, Flintshire, CH6 5XA. The licence status is surrendered.
Local Authority Recorded Landfill Sites			3	There are no records within the site. The closest record is Aber Works, Flint which is located 624m north of the site. This site manages Tow Waste, Churn Waste, Alkaline Cellulose, and Filter Cloth.
Registered Landfill Sites				There are no registered landfill sites within 1km of the site.
Industrial Land Use				
Contemporary Trade Directory Entries		14	50	There are no Contemporary Trade Directory Entries within the site. There are 15no. active entries which include car dealers, building merchants and domestic appliances. The remaining inactive entries range from chemical recycling & disposal services, domestic appliances, and garage services.
Fuel Station Entries			3	The nearest fuel station entry is located 591m east of the site.

There is a low potential for the identified incidents, consents and land uses to have had a detrimental impact on the site. The locations of the recorded pollution incidents, the most significant contemporary trade activities and other sources of potential contamination are highlighted on the Constraints Plan provided as Appendix D.

Fuel Stations

There are 3no. fuel stations recorded within 1km of the site. The closest is 591m to the east and is recorded as being active. There is another active fuel station located approximately 724m south-west of the site. Additionally, there is a historical fuel station 861m to the north of the site. Given that 2no. are down gradient of the site and the other is greater than 500m away, it is unlikely that activities at the fuel station(s) have impacted shallow soils underlying the site.

Sensitive Land Uses

The Sensitive Land Uses Map of the Envirocheck Report (Appendix D) indicates that the site is not occupied by any designated sensitive land uses.

The Dee Estuary Site of Special Scientific Interest (SSSI) and Flint Mountain SSSI are located within the 1km ZoI, within 700m and 840m respectively. The Dee Estuary is also classified as a Ramsar site and Special Area of Conservation (SAC) .

Unexploded Ordnance

According to regional unexploded bomb (UXB) mapping published by Zetica, the site lies within a zone that experiences a low risk of UXB. It is estimated that up to 15no. bombs are unexploded within 1000 acres. The regional UXB map is provided in Appendix E.

Utility Searches

Water & Sewer

Water and sewer plans have been obtained from Dwr Cymru Welsh Water (DCWW) and are included in Appendix F. A review of the plans shows that a 225mm public combined sewer crosses the centre of the site, flowing in a south-easterly direction.

A 3inch water main is located in Woodfield Avenue to the east of the site.

Electric

SP Energy Networks have provided a map showing their electrical equipment / network in the vicinity of the site. As shown on the plan (Appendix F) a 35mm LV cable crosses the south-eastern boundary of the site, as well as a HV (22Kv/11Kv) cable.

Gas

Records have been obtained from Wales and West Utilities and are included in Appendix F. As shown on the plan, a low pressure gas main is shown serving the properties adjacent to the site entrance and within the site boundary.

Telecommunications

No BT apparatus is located within the site boundary. Telecoms apparatus is present in Woodfield Avenue.

Development History

Summary of Findings

The historical Ordnance Survey (OS) maps obtained with the Landmark Envirocheck report date between 1871 and 2024. Development that may have occurred between map editions is recorded as occurring on the

latter published map, hence there are some limitations to the accuracy to the date of development unless supplementary evidence is available. Extracts from selected historical maps are given in Appendix G.

The earliest mapping show that the site and surrounding land predominantly comprised undeveloped agricultural land. Several schools and Chapels were present, as well as a railway track to the north-east. There are several old shafts and clay pits scattered around the area as well as New Flint Colliery to the north which becomes disused by 1913. By 1938, development in the area begins to increase with residential settlements establishing immediately north-east of the site. After this date, development continues to increase. By 1975, the building bordering the southern site boundary was constructed. From herein the site is considered to be brownfield due to the presence of hardstanding and construction materials associated with the adjacent site. The density of development in the wider area remains consistent after 1993.

Geology, Hydrogeology and Hydrology

Geology

Published Records

The published 1:50,000 scale geological map of the area produced by the BGS GeoIndex indicates that the site is underlain by the geological succession summarised in Table 2.

Table 2 - Geological Succession from Published Mapping

Age	Group	Geological Stratum
Devensian Stage	Till	Diamicton
Westphalian Stage	Warwickshire Group	Etruria formation - mudstone, sandstone and conglomerate
Langsettian Substage	Pennine Coal Measures Group	Pennine Lower Coal Measures Formation - mudstone, siltstone and sandstone

Diamicton

A poorly sorted mixture of materials, ranging from fine clay and silt to larger rocks and boulders.

Etruria formation

Red, purple, brown, ochreous, green, grey and commonly mottled mudstone, with lenticular sandstones and conglomerates referred to as 'espleys'. Common pedogenic horizons, but coal seams are rare. Subordinate, lenticular sandstones and conglomerates commonly consist mostly of volcanic and lithic clasts.

Pennine Lower Coal Measures Formation

Interbedded grey mudstone, siltstone and pale grey sandstone, commonly with mudstones containing marine fossils in the lower part, and more numerous and thicker coal seams in the upper part.

Made Ground

The history of development surrounding the site and a review of OS mapping of the site suggests that, in addition to these natural strata, Made Ground may be present on the site.

Historical Exploratory Hole Records

The BGS maintains an archive of historical exploratory hole logs throughout the UK. Waterco has searched the database and a summary of the record which is considered to provide useful information on the ground profile at the site is given in Table 3. A copy of the log is included as Appendix H.

The nearest borehole records (SJ27SW396, SJ27SW404, SJ27SW397) do not contain information on the underlying strata. BGS borehole record SJ27SW25 is located approximately 550m north of the site (NGR: 324370, 372860).

Table 3 - Historical Exploratory Holes in BGS Archive

Borehole ref. Date	NGR	Description	Depth of starta below G.L (m bgl) **	Thickness (m)
SJ27SW25	324370, 372860	Illegible text (assumed fill material)***	0	3.05
		Soft grey/brown organic silty sandy clay with coal.	3.05	0.76
		Very stiff grey clayey shale with hard shale inclusions changing to hard grey shale.	3.81	2.06
		Coal	5.87	0.15
		Very stiff grey clayey shale changing to firm grey shale	6.02	1.4
Groundwater was struck at 5.87m.bgl.				

* The geological classification is based on information available on the logs and is therefore indicative only.

** G.L. is Ground Level

*** The borehole log contains illegible sections which has made it difficult to interpret.

Soil Chemistry

British Geological Survey (BGS) Soil Chemistry datasets detail the topsoil concentrations of five potentially harmful elements (PHEs): Arsenic (As), Cadmium (Cd), Chromium (Cr), Nickel (Ni) and Lead (Pb), as presented within the Envirocheck report. Elevated concentrations of these PHEs can exist because of natural geological conditions or possible human contamination. The following estimated soil chemistry levels are attributed to the site:

- Arsenic – <15 mg/kg
- Lead – 300 to 600mg/kg
- Cadmium – <1.8 mg/kg
- Chromium – 60 to 90 mg/kg
- Nickel – 15 to 30 mg/kg

Potential residual levels of lead may be above the maximum allowable levels for all construction - 200 mg/kg. Consideration should be given to chemical testing of on-site soils prior to any further works. Information regarding organic contamination was not available.

Hydrogeology

Aquifer Classification

The Environment Agency's (EA) Groundwater Protection Policy adopts aquifer designations that are consistent with the Water Framework Directive. According to this system:

- Superficial Till deposits are classified as a Secondary Undifferentiated aquifer. Secondary Undifferentiated Aquifers are assigned in '*cases where it has not been possible to attribute either category A or B to a rock type. In most cases, this means that the layer in question has previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type*'.
- Bedrock geology is classified as Secondary A Aquifer. Secondary A Aquifers are '*permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers*'.

Vulnerability of Groundwater Resources

The Groundwater Vulnerability Map of the area, included within the Envirocheck report, shows that the soils overlying the secondary undifferentiated and secondary A aquifers are classified as being of medium vulnerability. These are soils that are moderately permeable and have potential to transmit liquid discharges but at a slower rate compared to areas of high vulnerability. Soil information for urban areas is less reliable and based on fewer observations than in rural areas and therefore a worst case scenario vulnerability

classification is assumed until proven otherwise.

In terms of identifying the risk of contamination from potential polluting activities in a given area to groundwater sources (wells, boreholes and springs) used for supplying public drinking water, the EA identifies Source Protection Zones. These show the extent of a groundwater source catchment and are divided into three zones, as follows:

- SPZ1 (Inner protection zone) is located immediately adjacent to the groundwater source. It is based on a 50-day travel time from any point below the water table and is designed to protect against the effects of human activity and biological/chemical contaminants that may have an immediate effect on the source. The zone has a minimum radius of 50m.
- SPZ2 (Outer protection zone) is larger than SPZ1 and is defined by a 400-day travel time from a point below the water table to the source. The travel time is designed to provide delay and attenuation of slowly degrading pollutants. This zone has a minimum radius of 250m or 500m, depending on the size of the abstraction.
- SPZ3 (Source catchment protection zone) covers the complete catchment area of a groundwater source.

Mapping produced by the EA and supplied with the Envirocheck report shows that the site does not lie within a Source Protection Zone.

Licensed Groundwater Abstractions

There are no licensed groundwater abstractions within 1km of the site. It should be noted that abstractions of less than 20m³ per day do not need a licence and will not necessarily have been identified.

Hydrology

Surface Water Courses and Drainage

There are no ponds, streams or drainage ditches on or adjacent to the site. The nearest surface watercourse to the site appears to be an unnamed ditch located approximately 670m north-east of the site which flows in an easterly direction to the River Dee. The River Dee is located approximately 950m from the site.

Surface Water Abstractions

3no. surface water abstractions have been identified within 1km of the site. A further 2no. surface water abstraction are identified >1km from the site. These are listed in Table 4.

Table 4 - EA Licensed Surface Water Abstractions (<2km of Site)

National Grid Reference	Distance (m) and Direction	Operator	Use
325520 372060	936 (E)	Sca Hygiene Products Uk Ltd	Paper And Printing: Process Water
325520 372060	936 (E)	North Wales Tissue Ltd	Paper And Printing: Process Water
325525 372065	939 (E)	Essity Uk Limited	Paper And Printing: Process Water
325750 372440	1118 (E)	Delyn Borough Council	Impounding
322920 372370	1631 (W)	Flint Golf Club	General Agriculture: Spray Irrigation - Direct

Flooding

The NRW 'Flood Map for Planning' (Appendix I) shows that the site is located in an area outside of the extreme flood extent (Flood Zone 1), meaning it has a less than 0.1% annual probability of flooding from rivers and the sea, including the effects of climate change.

The NRW mapping also indicates that the site is at very low risk of surface water flooding, meaning it has a less than 0.1% annual probability of flooding, including the effects of climate change.

Dee River Basin Management Plan

The Water Framework Directive (WFD) requires a Management Plan to be published for each River Basin District. These are plans that set out the environmental objectives for all the water bodies within the district and how they will be achieved.

The regime has introduced the concept of safeguard zones, which identify a catchment or other zone around a point where water is abstracted for potable use and where actions may be taken to protect water quality, prevent deterioration, and so minimise the need for treatment. Where water is abstracted for human consumption the water body is designated as a Drinking Water Protected Area (DrWPA). If there is reasonable confidence that a DrWPA objective will not be met, a safeguard zone will be identified.

The WFD has also brought about Water Protection Zones. These areas are a regulatory mechanism to address diffuse water pollution by restricting or forbidding activities that are polluting the most vulnerable waters (e.g. DWPA). They can be used if it appears there is a risk of a water not achieving good ecological and chemical status by 2027.

The River Dee Basin Management Plan applies for this site and sets out the objectives and targets for water

quality within waterbodies of the area, challenges / issues within the catchment which have impacts on water quality and how the objectives / targets will be achieved in future.

Radon

The Envirocheck report indicates that the site is within an area where the risk from Radon is generally considered intermediate. Between 3 and 5% of homes are estimated to be at or above the Action Level. Basic radon protective measures are necessary in the construction of new dwellings or extensions.

It should be noted that radon mapping is being continuously updated and as such records should be revisited prior to completion of final design to ensure appropriate mitigation measures are included during the construction phase.

Advice on the requirements for radon protective measures provided in this report is based on BR 211 Radon Report (2008) obtained from British Geological Society. It is recommended that an updated BR 211 Radon Report is obtained when construction details and relevant consents are being finalised.

Quarrying and Mining

Quarrying

An attempt has been made to identify any quarrying operations, past and present that have taken place in the vicinity of the site. The sources of information referenced in this element of the desk study include:

- Envirocheck datasheets supplied by Landmark
- Old Ordnance Survey maps and plans
- Geological maps

Historical mapping shows the presence of several clay pits within 500m of the site. The Envirocheck reports suggest these quarry pits were infilled by 1993. The British Geological Survey (GeoIndex) corroborate this and shows operations in this area to have ceased.

Mining

As shown on the 1871 mapping, an active colliery was located approximately 1.4km north-west, and several associated old shafts were scattered around the area, with the nearest located 200m to the west of the site. The colliery became disused by 1913. The site is located in an area which may be affected by coal mining activity and therefore a coal mining report has been obtained from the Coal Authority and is presented in Appendix J.

The report is summarised as follows:

- The site is not within a surface area that could be affected by any past or present recorded underground coal mining.
- The site is in an area where the Coal Authority believes there is coal at or close to the surface. 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.

- The site 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 Coal Authority is not aware of any damage due to geological faults or other lines of weakness that have been affected by coal mining.
- The site is not within the boundary (within 200 metres of the boundary) of an opencast site from which coal has been removed by opencast methods.
- The site 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 (or requested).
- The Coal Authority has no record of a mine gas emission requiring action.

Landfilling

An attempt has been made to identify any landfilling operations, past and present that have taken place in the vicinity (min. 250m) of the site. The sources of information referenced in this element of the desk study include:

- Envirocheck datasheets supplied by Landmark

With reference to the above data there are no recorded licensed landfills within a 500m radius of the site. However, with reference to the historical data, there have clearly been some demolition activities on site and therefore the presence of made ground should not be overlooked.

There is 1no. record of a historical landfill site located approximately 787m north of the site at NGR: 324794, 373176. Deposited Waste included industrial and household waste. There are 3no. local authority landfill sites within the 1km of the site. One of these closed in 1976 and the status of the others is unknown.

Preliminary Geo-environmental Risk Assessment

Introduction

This section is aimed at identifying possible risks, if any, arising from substances used or deposited on-site, or from other sources of land contamination. Both past and current potentially contaminative land uses have been considered.

Legislative Framework

Under the Environmental Protection Act 1990 contaminated land is defined as ‘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:

- Significant harm is being caused or there is significant possibility of significant harm being caused, or
- Pollution of controlled waters is being caused or is likely to be caused’.

Part IIA of the Environmental Protection Act 1990 requires a risk based approach for the assessment of contaminated land. This involves the identification of possible contaminants, transport pathways and receptors; the evaluation of the likelihood, nature and extent of exposure to a hazard; the assessment of the likely contaminant linkages and the degree of risk; and the evaluation of the need for controlling the estimated risk. Risk assessment therefore, requires an evaluation of ‘source–pathway–receptor’ linkages.

Preliminary Hazard Identification

Preliminary hazard identification has been undertaken which identifies the principal contamination hazards at the site.

Potential hazards are presented in the form of contaminant linkages through contaminant sources that have been identified from review of available historical plans and records, the potential receptors that may be at risk and the potential pathway which may be present. The potential impacts of the hazards have been assessed through a preliminary risk assessment, presented below.

Potential Sources of Contamination

Historical and Current Site Usage

Historical OS maps of the area reveal that the site has historically been undeveloped. By 1975 the building bordering the southern site boundary was constructed and from herein the site is assumed to be brownfield due to the presence of construction materials, hardstanding and potentially other remnants of construction-related activities from the adjacent site. Potential contamination associated with this land use is as follows:

- Organic:
 - Hydrocarbons: diesel, lubricating oils, paraffin.
 - Polychlorinated biphenyls (PCBs)
 - Polycyclic aromatic hydrocarbons (PAHs)
 - Solvents

- Metals:
 - Ferrous residues
 - Metal fines
- Other:
 - Asbestos

Surrounding Land Uses

The site is bordered by residential development to the north-east and south-east. The potential sources of contamination can be summarised as follows:

S1 - Potentially contaminated Made Ground

S2 - Potential leaking of above ground heating oil tanks, associated with residential properties.

Potential Pathways

Potential pathways for contamination present include the following:

P1 – Direct contact with soil (ingestion and dermal)

P2 - Inhalation of dust and/or ground gas /vapours

P3 - Lateral migration and /or accumulation of ground gas /vapours

P4 – Surface water run-off and/or direct percolation from surface

P5 – Leaching of contaminants and vertical migration into groundwater

P6 – Direct contact of contaminated ground with in-ground structures and ecological receptors.

Potential Receptors

Contamination may be encountered and mobilised during the course of the development works and may present a potential risk to sensitive receptors both during the development works and the during the operational stage.

For the purpose of this assessment, potential risks to human health, e.g. construction workers and future maintenance workers will be mitigated through the use of best industry practice with regard to managing risks from contaminated land during construction works. It is also assumed that an operational site Health and Safety Plan will be prepared and appropriate health and safety precautions including the use of personal protective equipment (PPE) will be adopted during both the construction and operational phases.

Human Health Receptors

R1 – Construction workers

R2 – Final end users

R3 – Adjacent site users

Controlled Waters

R4 – Secondary Aquifers underlying the site

Ecological Receptors

R5 – Future residential gardens, public open spaces and landscaping

Services and Structures

R6 – Existing & future proposed services and structures.

Preliminary Risk Assessment

A qualitative 'source–pathway–receptor' approach has been used to assess the potential risks of harm being caused to human and environmental receptors from contamination sources on or in the vicinity of the site, via transport pathways. Risks to receptors have been assessed using the guidelines given in CIRIA document 552 'Contaminated Land Risk Assessment, A Guide to Good Practice,' where the probability and consequences of contamination risks being realised are evaluated. The tables presented in Appendix K summarise the elements of the risk assessment process.

The qualitative risk assessment of the possible linkages of the above sources (S1 to S2), transport pathways (P1 to P6) and receptors (R1 to R6) is provided in the table below.

Table 5 – Preliminary Conceptual Model – Risk Assessment

Source	Transport Pathway	Receptor	Consequence of risk	Probability of risk	Risk Classification	Risk Management action recommended
S1: Potentially contaminated soils (Made Ground)	P1: Direct contact with soil (ingestion and dermal)	R1: Construction and maintenance workers	Medium - Dermal contact, long term health effects	Low Likelihood	Low risk	An intrusive ground investigation is required to quantify and characterise possible contamination including chemical testing of soils. If the site is contaminated, mitigation measures will be required, including the use of PPE and good hygiene practises, to ensure that health and safety risks are minimised during construction. Removal of contaminated Made Ground soils from the site.
		R2: Final End Users	Medium - Dermal contact, long term health effects	Unlikely	Very Low Risk	Any contaminated Made Ground will be identified during the construction stage and removed accordingly. If any residual contamination remains in soil, the majority of the site will be covered by impermeable hardstanding, minimising the risk of direct contact with contaminated soils.
	P2: Inhalation of dust and / or vapours	R1: Construction and maintenance workers	Medium- Respiratory irritation, long-term health effects	Low Likelihood	Low risk	An intrusive ground investigation is required to quantify and characterise possible contamination including chemical testing of soils. If the site is contaminated, mitigation measures will be required, including the use of PPE and dust control measures and air quality monitoring, to ensure that health and safety

Source	Transport Pathway	Receptor	Consequence of risk	Probability of risk	Risk Classification	Risk Management action recommended
						risks are minimised during construction. Removal of contaminated Made Ground soils from the site.
		R3: Adjacent site users	Medium – Respiratory irritation, long-term health effects	Low Likelihood	Low risk	An intrusive ground investigation is required to quantify and characterise possible contamination including chemical testing of soils. If the site is contaminated, mitigation measures will be required, including the use of PPE and dust control measures and air quality monitoring, to ensure that health and safety risks are minimised during construction. Removal of contaminated Made Ground soils from the site
	P4: Surface water run off and/or direct percolation from surface	R4: Secondary Aquifers underlying the site	Medium - Water quality degradation	Low Likelihood	Low risk	An intrusive ground investigation is required to quantify and characterise possible contamination, including chemical testing of the soils and groundwater. If the site is contaminated, mitigation measures will be required, including containment, soil stabilisation etc. Removal of contaminated Made Ground soils from the site.

Source	Transport Pathway	Receptor	Consequence of risk	Probability of risk	Risk Classification	Risk Management action recommended
	P5: Leaching of contaminants and vertical migration into groundwater	R6: Existing & future proposed services and structures	Medium – Corrosion, service interruption	Low Likelihood	Low risk	An intrusive ground investigation is required to quantify and characterise possible contamination, including chemical testing of the soils and groundwater. If the site is contaminated, mitigation measures will be required, including protective coatings, barriers for utilities etc. Removal of contaminated Made Ground soils from the site
		R4: Secondary Aquifers underlying the site	Medium – Water quality degradation	Low Likelihood	Low risk	An intrusive ground investigation is required to quantify and characterise possible contamination, including chemical testing of the soils and groundwater. If the site is contaminated, mitigation measures will be required, including containment, soil stabilisation etc. Removal of contaminated Made Ground soils from the site.
		R6: Existing & future proposed services and structures	Medium – Corrosion, service interruption	Low Likelihood	Low risk	An intrusive ground investigation is required to quantify and characterise possible contamination, including chemical testing of the soils and groundwater. If the site is contaminated, mitigation measures will be required, including protective coatings, barriers for utilities etc. Removal of contaminated Made Ground soils from the site

Source	Transport Pathway	Receptor	Consequence of risk	Probability of risk	Risk Classification	Risk Management action recommended
	P6: Direct contact of contaminated ground with in-ground structures and ecological receptors	R5: Future residential gardens, public open spaces and landscaping	Medium – uptake of harmful substances by plants, becoming toxic to wildlife & ingestion of homegrown produce causing health impacts to humans	Unlikely	Very low risk	Any contaminated Made Ground will be identified during the construction stage and removed accordingly. If any residual contamination remains in soil, it is assumed that clean topsoil cover will be provided in landscaped areas where necessary, minimising any potential exposure.
		R6: Existing & future proposed services and structures	Medium – Corrosion, service interruption	Low Likelihood	Low risk	An intrusive ground investigation is required to quantify and characterise possible contamination, including chemical testing of the soils and groundwater. If the site is contaminated, mitigation measures will be required, including protective coatings, barriers for utilities etc. Removal of contaminated Made Ground soils from the site.
S2: Potential leaking of above ground heating oil tanks	P1: Direct contact with soil (ingestion and dermal)	R1: Construction and maintenance workers	Medium – contact with contaminants such as hydrocarbons and PAHs (associated with heating oil) potential health effects.	Low Likelihood	Low risk	Intrusive ground investigation is required to quantify and characterise possible contamination, including chemical testing of the soils. If the site is contaminated, mitigation measures will be required, including the use of PPE and good hygiene practises, to ensure that health and safety risks are minimised during construction.

Source	Transport Pathway	Receptor	Consequence of risk	Probability of risk	Risk Classification	Risk Management action recommended
		R2: Final End users	Medium – contact with contaminants such as hydrocarbons and PAHs (associated with heating oil) potential health effects.	Low Likelihood	Low risk	Any contaminated soil will be identified during the construction stage and removed accordingly. If any residual contamination remains in soil, the majority of the site will be covered by impermeable hardstanding, minimising the risk of direct contact with contaminated soils.
	P2: Vapour migration from subsurface contamination	R1: Construction and maintenance workers	Medium – Inhalation of Volatile Organic Compounds (VOCs) and potential health effects	Low Likelihood	Low risk	An intrusive ground investigation is required to quantify and characterise possible contamination including chemical testing of soils. Where contamination is suspected, mitigation measures will be required, including the use of PPE and best practice measures to ensure that health and safety risks are minimised.
		R3: Adjacent site users	Medium – Inhalation of Volatile Organic Compounds (VOCs) and potential health effects	Low Likelihood	Low risk	An intrusive ground investigation is required to quantify and characterise possible contamination including chemical testing of soils. Where contamination is suspected, mitigation measures will be required, including air quality monitoring, vapor barriers, and regular tank inspections to ensure that health and safety risks are minimised.
	P5: Leaching of contaminants and	R4: Secondary Aquifers underlying	Medium – Water	Low probability	Low risk	An intrusive ground investigation is required to quantify and characterise possible contamination including chemical

Source	Transport Pathway	Receptor	Consequence of risk	Probability of risk	Risk Classification	Risk Management action recommended
	lateral and vertical migration of groundwater	the site	Quality Degradation			testing of soils. Where contamination is suspected, consider hydraulic containment measures and bioremediation.
		R6: Existing & future proposed services and structures	Medium – Corrosion, service interruption	Low Likelihood	Low risk	An intrusive ground investigation is required to quantify and characterise possible contamination including chemical testing of soils. Where contamination is suspected, consider mitigation measures including impermeable barriers around utility infrastructure, corrosion protection, and regular inspections and maintenance.
	P6: Direct contact of contaminated ground with in-ground structures and ecological receptors	R5: Future residential gardens, public open spaces and landscaping	Medium – uptake of harmful substances by plants, becoming toxic to wildlife & ingestion of homegrown produce causing health impacts to humans	Unlikely	Very low risk	Clean topsoil cover (of adequate thickness) will be provided in landscaped areas where necessary, minimising any potential exposure. Additional mitigation measures such as geotextile barriers such be incorporated where contamination has been confirmed.
		R6: Existing & future proposed	Medium – Corrosion, service interruption	Low Likelihood	Low risk	An intrusive ground investigation is required to quantify and characterise possible contamination including chemical

Source	Transport Pathway	Receptor	Consequence of risk	Probability of risk	Risk Classification	Risk Management action recommended
		services and structures				testing of soils. Where contamination is suspected, consider mitigation measures including impermeable barriers around utility infrastructure, corrosion protection, and regular inspections and maintenance.

Conclusions and Recommendations

The site is within an area where the risk from Radon is generally considered intermediate. Between 3 and 5% of homes are estimated to be at or above the Action Level. Basic radon protective measures are necessary in the construction of new dwellings or extensions.

The potential risks that have been identified have been assessed by the preliminary risk assessment as being low and very low, with the potential risks identified not being uncommon for brownfield sites.

The risks may be mitigated by further assessment through intrusive ground investigation and risk assessment at the detailed design stage, and if necessary, the inclusion of routine construction and mitigation measures. Therefore, the potential risks identified are not considered to pose a significant risk to the proposed development.

A suitable intrusive site investigation should be completed as part of a Phase II Geoenvironmental Assessment of the site to allow the proposed development to continue.

It is recommended that the ground investigation be designed in accordance with the UK Specification for Ground Investigation.

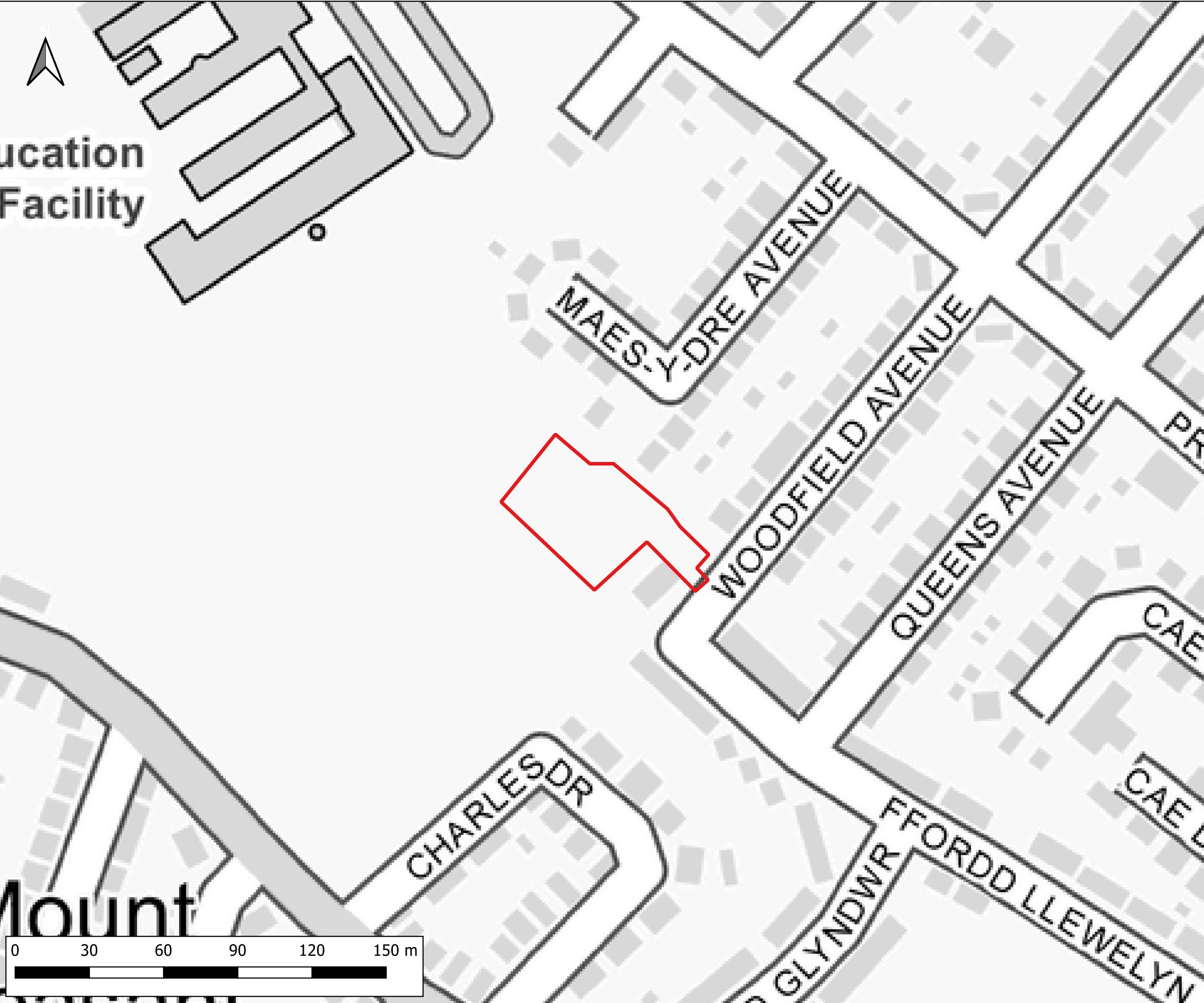
By undertaking an intrusive ground investigation, an assessment of the ground and groundwater profiles can be carried out and the geo-environmental risks associated with the site made. The investigation will allow a quantitative assessment as to whether any of the potential risks identified in this study are present and are of material concern to the development.

References

- British Geological Survey Lexicon [GeoIndex - British Geological Survey](#) [Accessed: March 2025]
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- British Standards Institution (2013) BS 10175:2011+A1 Investigation of potentially contaminated sites – Code of practice. London, BSI.
- Department for Environment, Food and Rural Affairs and Environment Agency (2004) Model Procedures for the Management of Land Contamination. Bristol, Environment Agency. (Contaminated Land Report 11).
- Environmental Protection Act 1990 (c. 43) London, HMSO
- Land Contamination Risk Management [Land contamination risk management \(LCRM\) - GOV.UK](#) [Accessed: March 2025]
- Rudland, D J, Lancefield, R M and Mayell, P N (2001) 'Contaminated land risk assessment. A guide to good practice (C552D)', CIRIA.
- Scivyer, C. (2007) Radon: Guidance on protective measures for new buildings. Bracknell, IHS BRE Press. (BR 211).
- Zetica (n.d.) Regional Unexploded Bomb Risk – County. Long Hanborough, Zetica.

Appendix A Proposed Development Plan

Appendix B Location Plan and Aerial Image



Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- Watercourses
- Waterbodies

CLIENT:

Enfys Developments Ltd

www.waterco.co.uk

SCHEME:

Former Working Men's Club, Flint

PLOT TITLE:

Location Plan

PLOT STATUS:		FINAL		DATE:	12-03-2025			
DRAWN:	JP	CHECKED:	AW	APPROVED:	NJ	PLOT SCALE AT A3:	1:1500	
PLOT NAME:						16445_Location_Plan	REVISION:	-



Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

Site Boundary

CLIENT:

Enfys Developments Ltd

www.waterco.co.uk

SCHEME:

Former Working Men's Club, Flint

PLOT TITLE:

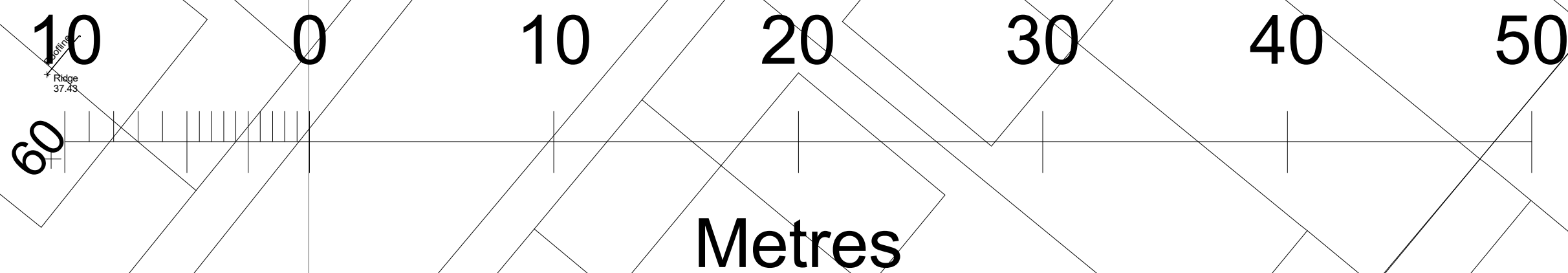
Aerial Plan

PLOT STATUS:		DATE:	
FINAL		12-03-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
JP	AW	NJ	1:1500

PLOT NAME:	REVISION:
16445_Aerial_Plan	-

Appendix C Topographical Information



Metres

Disclaimer:
All efforts have been made to survey all utility services within the boundary of the survey
We can not guarantee that we have been able to locate everything and further investigation
will be required to establish full extents of services

- | | | |
|--------------------------------|---|------------------------|
| Bottom of bank |  | Bottom of Batter |
| Drop kerb |  | Building |
| Closeboard Fence |  | Drop Kerb |
| Chainlink fence |  | Closeboard fence |
| Fence |  | Chainlink fence |
| Footpath |  | Fence Misc |
| Palisade fence |  | Footpaths |
| Hedge CL |  | Palisade fence |
| Kerb |  | Hedge centre line |
| Overhead telecom cables |  | Kerb Line |
| Paving |  | Overhead Telecom lines |
| Road edge |  | Paving |
| Roofline |  | Road edge |
| Top of bank |  | Roofline |
| Track edge |  | Scrub |
| Verge |  | Top of Batter |
| Wall |  | TRACK |
| Wall remains |  | Verge |
| White line |  | Wall |
| |  | wall Dashed |
| | | white line |
| | | Gate |

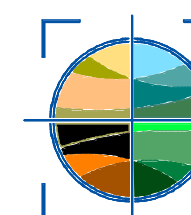
Drawing Contains OS data. 169 Crown Copyright
& database rights 2025 100019980 (12 month licence)

SURVEY STATIONS			
Name	Easting	Northing	Height
A1	324641.079	372354.348	30.889
A1A	324639.127	372352.140	31.256
A1B	324657.474	372374.167	29.360
A2	324611.669	372377.492	32.677
A2A	324627.638	372376.797	31.655
A3	324584.364	372397.530	32.750
A4	324542.930	372388.226	37.472

Notes:
This survey is to a local grid orientated to OS grid. Position is only true at one point to OS coordinates
Horizontal and vertical control established using SmartNet GPS Network and OSGB36(15) coordinate System

- Topographical Surveys
- Measured Building Surveys
- 3D Laser Scanning
- Deformation Surveys
- Floor Level Surveys

Topographical Surveys		Residential Setting out
Measured Building Surveys		Volumetric Surveys
3D Laser Scanning		Commercial Setting out
Deformation Surveys		3D Ground Modelling
Floor Level Surveys		Monitoring



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Measuring the world around us

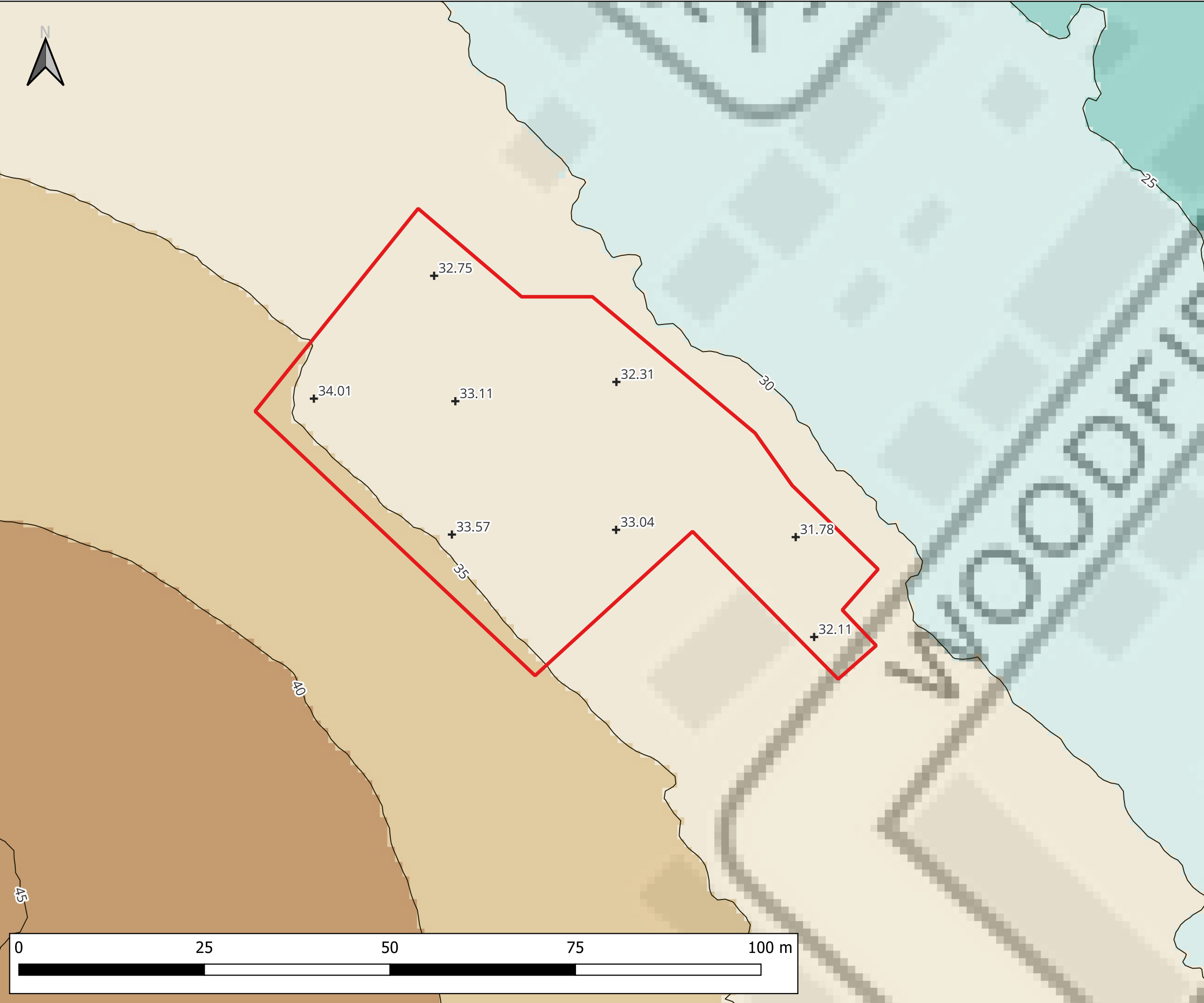
Unit 2, Barrowmore Enterprise Estate, Gt Barrow, Chester CH3 7JS
Email : info@cheshiresurveys.co.uk Tel: 01829 741859 / Mob: 077 7474 1397
Web: Cheshiresurveys.co.uk, Find Us on: Facebook Twitter & LinkedIn

Client Enfys Developments Ltd

Location	Former Flint's WMC, Flint
----------	---------------------------

Description
Topographical Survey

	Client	Cntrct	N4ce	Mdl	Sheet	Rev.
Drg. No.:	0703	4967	01	01	01	*
Date:	06/03/2025		Scale: 1:200		@A1	
Surveyed By: GF			Drawn By: GF			



Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site boundary
- 5m contour
- Site Levels (m AOD)

Ground Elevations (m AOD)

- <= 25.0
- 25.0 - 30.0
- 30.0 - 35.0
- 35.0 - 40.0
- > 40.0

CLIENT:

Enfys Developments Ltd

www.waterco.co.uk

SCHEME:

Former Working Men's Club, Flint

PLOT TITLE:

LiDAR Plan
1m Resolution
Data from Natural Resources Wales

PLOT STATUS:		FINAL		DATE:	17-03-2025
DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:		
MJW	AW	NJ	1:500		
PLOT NAME:				REVISION:	
16445_LiDAR_Plan				-	

Appendix D Envirocheck Report & Mapping

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

372281214_1_1

Customer Reference:

16445

National Grid Reference:

324590, 372380

Slice:

A

Site Area (Ha):

0.26

Search Buffer (m):

1000

Site Details:

Site at 324590, 372390

Client Details:

Ms A Payable

WaterCo

Eden Court

Lon Parcwr Business Park

Ruthin

Denbighshire

LL15 1NJ

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	21
Hazardous Substances	-
Geological	24
Industrial Land Use	30
Sensitive Land Use	42
Data Currency	43
Data Suppliers	49
Useful Contacts	50

Introduction

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

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Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England. The probability result is only valid for properties above ground. All basement and cellar areas are considered to be at additional risk from high radon levels. If an underground room such as a cellar or basement makes up part of the living or working accommodation, the property should be tested regardless of Radon Affected Area status.

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2			2	19
Prosecutions					
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 7				3
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 7		Yes		
Pollution Incidents to Controlled Waters	pg 8				35
Historical Prosecutions	pg 13				1
Registered Radioactive Substances					
Substantiated Pollution Incident Register	pg 14			1	
Water Abstractions	pg 14				3 (*2)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 15	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 15	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 15	Yes	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 15				39
Water Framework Directive - Catchment	pg 20	Yes		Yes	
Water Framework Directive - Groundwater	pg 20	Yes			
Water Framework Directive - Surface Waters	pg 20				Yes

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 21				1
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 21				1
Local Authority Landfill Coverage	pg 21	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 21				3
Potentially Infilled Land (Non-Water)	pg 21		1	5	6
Potentially Infilled Land (Water)	pg 22		4	3	19
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
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 24	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 24	Yes		Yes	Yes
BGS Recorded Mineral Sites	pg 26		1	2	4
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 28	Yes	n/a	n/a	n/a
Mining Instability	pg 28	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 28	Yes		n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 28	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 28		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 28	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 28	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 28	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas	pg 29	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures	pg 29	Yes	n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 30		2	12	50
Fuel Station Entries	pg 35				3
Points of Interest - Commercial Services	pg 35		2	4	14
Points of Interest - Education and Health	pg 37				4
Points of Interest - Manufacturing and Production	pg 37				9
Points of Interest - Public Infrastructure	pg 38		1	2	26
Points of Interest - Recreational and Environmental	pg 40		1	1	12
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 42				1
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites	pg 42				2
Sites of Special Scientific Interest	pg 42				2
Special Areas of Conservation	pg 42				1
Special Protection Areas	pg 42				2
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (N)	0	1	324593 372400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (E)	0	1	324600 372385
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (E)	15	1	324650 372385
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	20	1	324650 372350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	103	1	324500 372300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (NW)	108	1	324500 372500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (W)	110	1	324450 372350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	130	1	324700 372250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	163	1	324550 372200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	174	1	324450 372250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (E)	177	1	324800 372300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	178	1	324400 372300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	179	1	324450 372550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	181	1	324500 372200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	229	1	324593 372650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	293	1	324450 372100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	308	1	324600 372050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	321	1	324500 372050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	358	1	324593 372000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14SW (E)	365	1	325000 372385
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	366	1	325000 372350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (SW)	431	1	324350 372000

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	A14NW (NE)	454	1	324950 372700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (NE)	457	1	324900 372750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (NE)	461	1	325000 372650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (NE)	466	1	324850 372800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	479	1	324450 371900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	496	1	324400 371900
1	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Flint In Garden 102 Maes Gwyn, Ch6 5ju Authority: Natural Resources Wales Catchment Area: River Dee Reference: Cm0169101 Permit Version: 2 Effective Date: 8th September 2010 Issued Date: 8th September 2010 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed W/C Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 100m	A13NE (E)	268	2	324900 372400
1	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Flint In Garden 102 Maes Gwyn, Ch6 5ju Authority: Natural Resources Wales Catchment Area: River Dee Reference: CM0169101 Permit Version: 1 Effective Date: 20th October 1989 Issued Date: 20th October 1989 Revocation Date: 7th September 2010 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed W/C Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m	A13NE (E)	268	2	324900 372400
2	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Flint Chester Rd/Kings Avenue Authority: Natural Resources Wales Catchment Area: River Dee Reference: Cm0197101 Permit Version: 1 Effective Date: 20th October 1989 Issued Date: 20th October 1989 Revocation Date: 4th March 1994 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Unnamed Ditch Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A14NW (NE)	520	2	325100 372600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Flint Chester Rd/Kings Avenue Authority: Natural Resources Wales Catchment Area: River Dee Reference: Cm0059001 Permit Version: 1 Effective Date: 16th September 1969 Issued Date: 16th September 1969 Revocation Date: 22nd December 1992 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Pentre Ffwrndan Stream Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A14NW (NE)	520	2	325100 372600
2	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Flint In Garden 102 Maes Gwyn, Flint, Ch6 5ee Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Cm0169101 Permit Version: 3 Effective Date: 30th October 2017 Issued Date: 30th October 2017 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed W/C Status: Effective Positional Accuracy: Located by supplier to within 10m	A14NW (NE)	551	2	325121 372628
2	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Flint In Garden 102 Maes Gwyn, Flint, Ch6 5ee Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Cm0169101 Permit Version: Not Supplied Effective Date: 30th October 2017 Issued Date: 30th October 2017 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed W/C Status: Effective Positional Accuracy: Located by supplier to within 10m	A14NW (NE)	551	2	325121 372628
3	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Flint Chester Road - Sso Authority: Natural Resources Wales Catchment Area: River Dee Reference: Cm0169001 Permit Version: 1 Effective Date: 20th October 1989 Issued Date: 20th October 1989 Revocation Date: 4th March 1994 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Unnamed W/C Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A14NW (E)	581	2	325200 372500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Staions Location: Flint Dee Cottages Ps, Ch6 5pt Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Cm0194301 Permit Version: 2 Effective Date: 8th September 2010 Issued Date: 8th September 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Saline Estuary Environment: Receiving Water: Dee Status: Effective Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	636	2	325000 372900
4	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Staions Location: Flint Dee Cottages Ps, Ch6 5pt Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Cm0194301 Permit Version: Not Supplied Effective Date: 8th September 2010 Issued Date: 8th September 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Saline Estuary Environment: Receiving Water: Dee Status: Effective Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	636	2	325000 372900
4	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Station - Water Company Location: Flint Dee Cottages Ps, Ch6 5pt Authority: Natural Resources Wales Catchment Area: River Dee Reference: CM0194301 Permit Version: 1 Effective Date: 19th October 1989 Issued Date: 19th October 1989 Revocation Date: 7th September 2010 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Saline Estuary Environment: Receiving Water: Dee Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	636	2	325000 372900
5	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Staions Location: Flint Stw (The Meadows) Authority: Natural Resources Wales Catchment Area: SWINCHIARD BROOK Reference: CG0324401 Permit Version: 2 Effective Date: 14th February 1995 Issued Date: 14th February 1995 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Swinchiard Brook Status: Effective Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	676	2	323990 372770

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Staions Location: Flint Stw (The Meadows) Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Cg0324401 Permit Version: Not Supplied Effective Date: 14th February 1995 Issued Date: 14th February 1995 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Swinchiard Brook Status: Effective Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	676	2	323990 372770
5	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Station - Water Company Location: Flint Stw (The Meadows) Authority: Natural Resources Wales Catchment Area: River Dee Reference: Cg0324401 Permit Version: 1 Effective Date: 11th March 1992 Issued Date: 11th March 1992 Revocation Date: 13th February 1995 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Swinchiard Brook Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	676	2	323990 372770
5	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewage Disposal Works - Water Company Location: Flint The Meadows Stw Authority: Natural Resources Wales Catchment Area: River Dee Reference: Cm0189801 Permit Version: 1 Effective Date: 19th October 1989 Issued Date: 19th October 1989 Revocation Date: 25th October 1995 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Not Supplied Environment: Receiving Water: Land Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	685	2	324000 372800
6	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Undefined Or Other Location: Dee Cottages Ps Flint Authority: Natural Resources Wales Catchment Area: River Dee Reference: Cm0038601 Permit Version: 1 Effective Date: 23rd January 1967 Issued Date: 23rd January 1967 Revocation Date: 22nd December 1992 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Dee Status: Consent expired Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	676	2	325050 372910

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Staions Location: Cso And Eo At Dee Cottages Pumping Station, Behind '52 Dee Cottages', Flint, Ch6 5pt Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Cm0194301 Permit Version: Not Supplied Effective Date: 7th August 2023 Issued Date: 7th August 2023 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: River Dee Status: Effective Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	724	2	325068 372958
7	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Staions Location: Cso And Eo At Dee Cottages Pumping Station, Behind '52 Dee Cottages', Flint, Ch6 5pt Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Cm0194301 Permit Version: Not Supplied Effective Date: 7th August 2023 Issued Date: 7th August 2023 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Saline Estuary Environment: Receiving Water: River Dee Status: Effective Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	724	2	325068 372958
8	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Station - Water Company Location: Flint Bardyn Ps Authority: Natural Resources Wales Catchment Area: River Dee Reference: Cm0194201 Permit Version: 1 Effective Date: 19th October 1989 Issued Date: 19th October 1989 Revocation Date: 13th May 1994 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Dee Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A18NE (N)	790	2	324700 373200
9	Discharge Consents Operator: Clwyd County Council Property Type: Education Location: Fflint Fflint High School Authority: Natural Resources Wales Catchment Area: River Dee Reference: Cm0062301 Permit Version: 1 Effective Date: 29th May 1970 Issued Date: 29th May 1970 Revocation Date: 5th April 1995 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Un-Named Trib. Of Pentre Ffwrn Status: Consent expired Positional Accuracy: Located by supplier to within 10m	A8SE (S)	807	2	324840 371580

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Staions Location: Flint Bardyn Ps Authority: Natural Resources Wales Catchment Area: Not Given Reference: CG0348401 Permit Version: 1 Effective Date: 1st August 1994 Issued Date: 30th April 1994 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Saline Estuary Environment: Receiving Water: Dee Estuary Status: Effective Positional Accuracy: Located by supplier to within 100m	A18NE (N)	846	2	324820 373230
10	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Staions Location: Flint Bardyn Ps Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Cg0348401 Permit Version: Not Supplied Effective Date: 1st August 1994 Issued Date: 30th April 1994 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Saline Estuary Environment: Receiving Water: Dee Estuary Status: Effective Positional Accuracy: Located by supplier to within 10m	A18NE (N)	846	2	324820 373230
11	Local Authority Pollution Prevention and Controls Name: Jones Motor Services Location: Chester Road, FLINT, Flintshire, CH6 5DZ Authority: Flintshire Council, Environmental Health Department Permit Reference: 5922 Dated: 4th September 2002 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Manually positioned to the address or location	A14NW (E)	590	3	325197 372546
12	Local Authority Pollution Prevention and Controls Name: Premier Cleaning & Photography Location: 26 Church Street, Flint, Ch6 5ae Authority: Flintshire Council, Environmental Health Department Permit Reference: 9118 Dated: 21st November 2006 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Authorised Positional Accuracy: Manually positioned to the address or location	A18SW (N)	676	3	324357 373061
13	Local Authority Pollution Prevention and Controls Name: Flint Filling Station Location: Northop Road, FLINT, Flintshire, CH6 5QG Authority: Flintshire Council, Environmental Health Department Permit Reference: 5926 Dated: 4th September 2002 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	724	3	324146 371786
	Nearest Surface Water Feature	A13NW (NW)	89	-	324507 372481

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Halkyn Road, Fflint Authority: Environment Agency, Welsh Region Pollutant: Algae Note: River Dee; Natural Occurrence Incident Date: 23rd July 1997 Incident Reference: 33076 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Natural Causes Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NE (W)	560	4	324000 372495
14	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Halkyn Road Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Not Supplied Incident Date: 12th January 1997 Incident Reference: 30859 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	A12NE (W)	561	4	324000 372500
15	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Church Street, FLINT Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Not Supplied Incident Date: 6th July 1991 Incident Reference: 2881 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	A17SE (NW)	608	4	324200 372900
16	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Storm Overflow Location: 13 Malkin Road, FLINT Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Inadequate Design/Capacity Incident Date: 13th August 1991 Incident Reference: 3111 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Direct Discharge Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NW (W)	651	4	323900 372400
17	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Maes Afon, FLINT Authority: Environment Agency, Welsh Region Pollutant: Road Run-Off Note: Not Supplied Incident Date: 15th August 1994 Incident Reference: 20938 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	A17SE (NW)	682	4	324000 372795
18	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Surface Water Outfall Location: Location Description Not Available Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Not Supplied Incident Date: 17th June 1992 Incident Reference: 4546 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)	698	4	323880 372200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	Pollution Incidents to Controlled Waters Property Type: Land Location: Location Description Not Available Authority: Environment Agency, Welsh Region Pollutant: Light Oil Note: Not Supplied Incident Date: 26th May 1992 Incident Reference: 4384 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	A12SW (W)	734	4	323840 372210
19	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Near Sports Centre, FLINT Authority: Environment Agency, Welsh Region Pollutant: Chemicals - Detergents/Surfactant Note: Mechanical/Electrical Failure Incident Date: 15th May 1997 Incident Reference: 32232 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	A17SE (NW)	748	4	324000 372900
20	Pollution Incidents to Controlled Waters Property Type: Council Premises Location: A267 Chester, Road Oakenholt, FLINT Authority: Environment Agency, Welsh Region Pollutant: Agricultural: Silage Liquor Note: Not Supplied Incident Date: 8th July 1991 Incident Reference: 2911 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	A14NE (E)	766	4	325400 372400
21	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Market Square, FLINT Authority: Environment Agency, Welsh Region Pollutant: Oils - Diesel (Including Agricultural) Note: River Dee; Spillage Incident Date: 13th March 1998 Incident Reference: 35156 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	A17NE (NW)	775	4	324200 373100
22	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Flint Sewage Works, FLINT Authority: Environment Agency, Welsh Region Pollutant: Miscellaneous - Fire water / Foam Note: Not Supplied Incident Date: 19th September 1995 Incident Reference: 25949 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	A14NE (E)	787	4	325400 372550
23	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Not Supplied Incident Date: 28th April 1997 Incident Reference: 32191 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	A17SE (NW)	808	4	324005 372995

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Not Supplied Incident Date: 25th April 1997 Incident Reference: 32189 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	A17SE (NW)	812	4	324000 372995
23	Pollution Incidents to Controlled Waters Property Type: Private Sewage (Non-PLC): Other Location: 13 Halkyn Road Authority: Environment Agency, Welsh Region Pollutant: Industrial Solid Waste Note: Not Supplied Incident Date: 22nd May 1991 Incident Reference: 2724 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Bypass Of Treatment Facilities Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	815	4	324000 373000
24	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Sewerage Location: Between Castle And Lifeboat Authority: Environment Agency, Welsh Region Pollutant: Mud/Clay/Soil Note: Weather Incident Date: 1st March 1992 Incident Reference: 3289 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)	812	4	324800 373200
25	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Rear Of 277 Chester Road, FLINT Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Unknown; River Dee Incident Date: 16th June 1998 Incident Reference: 36155 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	A14SE (E)	816	4	325450 372350
26	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Ashmount Enterprise Park, FLINT Authority: Environment Agency, Welsh Region Pollutant: Chemicals - Detergents/Surfactant Note: River Dee; Spillage Incident Date: 14th June 1997 Incident Reference: 32629 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Vandalism Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SW (NW)	822	4	323900 372895
26	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Ashmount Enterprise Park, FLINT Authority: Environment Agency, Welsh Region Pollutant: Chemicals - Detergents/Surfactant Note: Vandalism Incident Date: 14th June 1997 Incident Reference: 32629 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	A17SW (NW)	825	4	323900 372900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
27	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Afon Park, FLINT Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Blockage Incident Date: 12th May 1997 Incident Reference: 32193 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	A18NW (N)	826	4	324300 373200
28	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Near 10 Swinchiard Walk Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Unknown; River Dee Incident Date: 8th June 1998 Incident Reference: 36032 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	A17SE (NW)	852	4	324000 373050
28	Pollution Incidents to Controlled Waters Property Type: Not Given Location: FLINT Authority: Environment Agency, Welsh Region Pollutant: Oils - Petrol Note: Not Supplied Incident Date: 23rd January 1996 Incident Reference: 27249 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	A17NE (NW)	889	4	324000 373100
29	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Min Awel, FLINT Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Not Supplied Incident Date: 28th August 1996 Incident Reference: 29777 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	A8SE (S)	862	4	324700 371500
29	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Min Awel, FLINT Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Not Supplied Incident Date: 28th August 1996 Incident Reference: 29777 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	A8SE (S)	867	4	324700 371495
30	Pollution Incidents to Controlled Waters Property Type: Council Premises Location: Adjacent Yatch Inn Authority: Environment Agency, Welsh Region Pollutant: Farm Effluent/Slurry Note: Not Supplied Incident Date: 12th April 1991 Incident Reference: 4 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	A14SE (E)	868	4	325500 372300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Between Yacht Public House And, Flint Sewage Treatment Works Authority: Environment Agency, Welsh Region Pollutant: Sewage - Treated Effluent Note: Tributary Of River Dee Incident Date: 4th March 1998 Incident Reference: 34930 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Blocked Sewer Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SE (E)	873	4	325500 372250
31	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Ditch Adjacent To Railway In, FLINT Authority: Environment Agency, Welsh Region Pollutant: Sewage - Treated Effluent Note: Tributary Of River Dee Incident Date: 20th February 1998 Incident Reference: 34932 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Blocked Sewer Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SE (E)	873	4	325500 372245
32	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Sewage Treatment Works Location: FLINT Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Poor Operational Practise Incident Date: 7th May 1992 Incident Reference: 4228 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	A14NE (E)	876	4	325500 372500
33	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Surface Water Outfall Location: Main Rising, Sewer To Bardyn Pumping Station Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Accidental Spillage/Leakage Incident Date: 20th April 1995 Incident Reference: 23615 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	A18NE (N)	903	4	324800 373295
33	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Other Location: Flint Bardyn, Pumping Station Authority: Environment Agency, Welsh Region Pollutant: Sewage - Treated Effluent Note: Deliberate Act Incident Date: 9th March 1995 Incident Reference: 26958 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	A18NE (N)	908	4	324800 373300
34	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Nicepak, Aberparc Industrial Estate, FLINT Authority: Environment Agency, Welsh Region Pollutant: Chemicals - Detergents/Surfactant Note: River Dee; Spillage Incident Date: 25th April 1998 Incident Reference: 35710 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Poor Management Control Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17NW (NW)	950	4	323905 373095

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Behind Bingo Hall Authority: Environment Agency, Welsh Region Pollutant: Oils - Diesel (Including Agricultural) Note: Accidental Spillage/Leakage Incident Date: 29th March 1996 Incident Reference: 27715 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	A17NW (NW)	953	4	323900 373095
34	Pollution Incidents to Controlled Waters Property Type: Warehouses Location: Behind Bingo Hall Authority: Environment Agency, Welsh Region Pollutant: Oils - Diesel (Including Agricultural) Note: Accidental Spillage/Leakage Incident Date: 29th March 1996 Incident Reference: 27715 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	A17NW (NW)	957	4	323900 373100
35	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Ditch Rear Of Property, Near Railway Line Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Tributary Of River Dee; Leakage Incident Date: 6th February 1998 Incident Reference: 34934 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Blocked Sewer Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	966	4	325600 372400
36	Pollution Incidents to Controlled Waters Property Type: Warehouses Location: Boflora Castle, Park Industrial Estate, FLINT Authority: Environment Agency, Welsh Region Pollutant: Oils - Diesel (Including Agricultural) Note: Weather Incident Date: 31st December 1995 Incident Reference: 27091 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Burst Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	980	4	324600 373400
37	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Flint Dock, FLINT Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Poor Management Control Incident Date: 13th April 1996 Incident Reference: 28018 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	A18NW (N)	995	4	324400 373400
38	Historical Prosecutions Location: Excelsior Works, Evans Street, FLINT, Clwyd, CH6 Prosecution Text: EA Welsh Data 02/09/1999, Polluting Swinchart Brook with an industrial bulk container. Offence committed 08/06/1994. Prosecution Act: WRA91 s85(1) Hearing Date: 2nd November 1994 Verdict: Guilty Fine: 4500 Costs: 392 Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	895	-	324489 373312

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
39	Substantiated Pollution Incident Register Authority: Natural Resources Wales Incident Date: Not Supplied Incident Reference: 1902856 Water Impact: Category 4 - No Impact Air Impact: Category 2 - Significant Incident Land Impact: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Atmospheric Pollutants and Effects: Smoke	A18SE (NE)	490	2	324851 372827
40	Water Abstractions Operator: Sca Hygiene Products Uk Ltd Licence Number: 24/67/10/0080 Permit Version: 101 Location: Stream Authority: Natural Resources Wales Abstraction: Paper And Printing: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14SE (E)	936	2	325520 372060
40	Water Abstractions Operator: North Wales Tissue Ltd Licence Number: 24/67/10/0080 Permit Version: 100 Location: Stream Authority: Environment Agency, Welsh Region Abstraction: Paper And Printing: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A14SE (E)	936	4	325520 372060
40	Water Abstractions Operator: Essity Uk Limited Licence Number: 24/67/10/0080 Permit Version: Not Supplied Location: Abstraction From Pandy Brook, Pentre Ffwrndan, Flint, Ch6 5sp Authority: Natural Resources Wales Abstraction: Paper And Printing: Process Water Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 518.244 Yearly Rate (m3): 123878.5 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	A14SE (E)	939	2	325525 372065
	Water Abstractions Operator: Delyn Borough Council Licence Number: 24/67/10/0099 Permit Version: Not Supplied Location: Not Supplied Authority: Natural Resources Wales Abstraction: Impounding Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): 0 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	A15NW (E)	1118	2	325750 372440

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Flint Golf Club Licence Number: 24/67/10/0098 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, Welsh Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 40 Yearly Rate (m3): 3273 Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A11SW (W)	1631	4	322920 372370
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: No Data	A13NE (NE)	0	2	324607 372397
	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: 300-550 mm/year Baseflow Index: <40% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: No Data	A13SE (S)	0	2	324593 372385
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SE (S)	0	2	324593 372385
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13NE (NE)	0	2	324607 372397
	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				
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 447.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Swinchiard Brook Catchment Name: Dee Primacy: 1	A12NE (W)	553	5	324003 372467

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.7 Watercourse Level: Underground Permanent: True Watercourse Name: Swinchiard Brook Catchment Name: Dee Primacy: 1	A12NE (W)	577	5	323993 372543
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 79.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Swinchiard Brook Catchment Name: Dee Primacy: 1	A12NE (W)	587	5	323987 372557
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 165.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Swinchiard Brook Catchment Name: Dee Primacy: 1	A12NE (NW)	614	5	323989 372639
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.4 Watercourse Level: Underground Permanent: True Watercourse Name: Swinchiard Brook Catchment Name: Dee Primacy: 1	A12NE (W)	614	5	323983 372626
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 560.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A14NW (E)	629	5	325243 372526
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 459.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A14NW (NE)	654	5	325201 372695
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 477.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A17SE (NW)	695	5	323978 372787
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 462.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Swinchiard Brook Catchment Name: Dee Primacy: 1	A17SE (NW)	695	5	323978 372787
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 216.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Swinchiard Brook Catchment Name: Dee Primacy: 1	A12SW (W)	702	5	323903 372124

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A9NW (SE)	706	5	325228 371981
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 218.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A9NW (SE)	707	5	325227 371978
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 241.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A9NW (SE)	711	5	325240 371990
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.2 Watercourse Level: Underground Permanent: True Watercourse Name: Swinchiard Brook Catchment Name: Dee Primacy: 1	A12SW (W)	721	5	323865 372174
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 245.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A9NW (SE)	750	5	325061 371746
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A9NW (SE)	771	5	325163 371801
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.7 Watercourse Level: Underground Permanent: True Watercourse Name: Swinchiard Brook Catchment Name: Dee Primacy: 1	A7NW (SW)	777	5	323896 371975
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 331.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Swinchiard Brook Catchment Name: Dee Primacy: 1	A7NW (SW)	781	5	323896 371968
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 308.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A9NW (SE)	789	5	325169 371783

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A9SW (SE)	791	5	324979 371649
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 942.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A9SW (SE)	793	5	324974 371644
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 457.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A18NE (N)	848	5	324823 373231
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 184.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A14NE (E)	884	5	325492 372583
64	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 16.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A9NE (E)	891	5	325464 372037
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 116.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A9NE (E)	895	5	325472 372047
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1222.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A9SW (SE)	943	5	325052 371516
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A9SW (SE)	943	5	325058 371519
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A14SE (E)	974	5	325566 372078

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A15NW (E)	975	5	325606 372439
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 45.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A15NW (E)	976	5	325607 372437
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.7 Watercourse Level: Underground Permanent: True Watercourse Name: Swinchiard Brook Catchment Name: Dee Primacy: 1	A7NW (SW)	979	5	323788 371781
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 155.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A14SE (E)	980	5	325573 372082
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 538.9 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A17NE (NW)	983	5	323952 373182
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 133.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Swinchiard Brook Catchment Name: Dee Primacy: 1	A17NE (NW)	984	5	323958 373188
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Swinchiard Brook Catchment Name: Dee Primacy: 1	A7NW (SW)	987	5	323780 371779
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 116.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A15NW (E)	992	5	325626 372397
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 43.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A15NW (E)	992	5	325626 372397

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 197.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A11NE (W)	994	5	323568 372542
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.8 Watercourse Level: Underground Permanent: True Watercourse Name: Swinchiard Brook Catchment Name: Dee Primacy: 1	A7NW (SW)	1000	5	323776 371761
	Water Framework Directive - Catchment Class Code: Coastal Catchment WaterBody Name: Not Supplied WaterBody ID: 166 Operational: Dee Estuary Catchment: Management Management: Dee Catchment: Catchment Catchment Name: Not Supplied	A13SE (S)	0	4	324593 372385
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Swinchiard Brook WaterBody ID: GB111067056940 Operational: Dee Estuary Catchment: Management Management: Dee Catchment: Catchment Catchment Name: Not Supplied	A12NE (W)	375	2	324180 372450
	Water Framework Directive - Groundwater Waterbody Name: Dee Carboniferous Coal Measures Waterbody ID: GB41102G204800 URL Address: Not Available Overall Rating: Poor Chemical Rating: Poor Quantitative Measure: Good Measure: Year: Year: 2023	A13SE (S)	0	2	324593 372385
80	Water Framework Directive - Surface Waters Class Code: River Waterbody Name: Swinchiard Brook Waterbody ID: GB111067056940 URL Address: Not Supplied Overall Rating: Good Chemical Rating: High Classification Year: 2023	A12NE (W)	552	2	324003 372465
81	Water Framework Directive - Surface Waters Class Code: Transitional Waterbody Name: Dee (N. Wales) Waterbody ID: GB531106708200 URL Address: Not Supplied Overall Rating: Moderate Chemical Rating: Moderate Classification Year: 2023	A19NW (NE)	865	2	325104 373109

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
82	Historical Landfill Sites Licence Holder: Not Supplied Location: Flint Name: Rear Of Henry Taylor Street Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD14003 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Industrial and Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6835/0141 BGS Ref: Not Supplied Other Ref: Not Supplied	A18NE (N)	787	2	324794 373176
83	Licensed Waste Management Facilities (Locations) Licence Number: 37236 Location: Unit 5, Castle Park, Flint, Flintshire, CH6 5XA Operator Name: Nulife Glass Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Transfer Stations Taking Non-biodegradable Wastes Licence Status: Surrendered Issued: 2nd August 2002 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 16th May 2003 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18NW (N)	883	2	324500 373300
	Local Authority Landfill Coverage Name: Flintshire Council - Has supplied landfill data		0	3	324593 372385
84	Local Authority Recorded Landfill Sites Location: Aber Works, Flint Reference: Not Supplied Authority: Flintshire Council, Environmental Health Department Last Reported Status: Unknown Types of Waste: Tow Waste, Churn Waste, Alkaline Cellulose, Filter Cloth Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Good	A12NE (NW)	624	3	324005 372696
85	Local Authority Recorded Landfill Sites Location: Rear Of Henry Taylor Street, Flint Reference: Not Supplied Authority: Flintshire Council, Environmental Health Department Last Reported Status: Unknown Types of Waste: Biodegradable Date of Closure: Not Supplied Positional Accuracy: Manually positioned within the geographical locality Boundary Quality: Not Applicable	A18SE (NE)	642	3	324850 373000
86	Local Authority Recorded Landfill Sites Location: Plot 26, Castle Park, Flint Reference: Not Supplied Authority: Flintshire Council, Environmental Health Department Last Reported Status: Closed Types of Waste: Calcium Sulphate And Carbonate, Ferrocyanide Salts Date of Closure: 31/12/1976 Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A18NE (N)	907	3	324630 373325
87	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A13SW (W)	177	-	324384 372336
88	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A13SW (W)	283	-	324268 372375

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
89	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A13NW (NW)	332	-	324442 372725
90	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A13NW (NW)	336	-	324409 372714
91	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A12NE (W)	440	-	324142 372556
92	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A18SE (N)	485	-	324727 372881
93	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A12NE (NW)	527	-	324097 372662
94	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A12NE (W)	583	-	323982 372520
95	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1983	A14NW (E)	618	-	325202 372613
96	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1983	A14NW (NE)	627	-	325199 372640
97	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A17NE (NW)	896	-	324078 373167
98	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A7NW (SW)	983	-	323729 371854
99	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1963	A13SE (E)	139	-	324767 372320
100	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1914	A13SE (E)	154	-	324787 372387
101	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1963	A13SE (S)	205	-	324600 372153
102	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1963	A13SE (S)	244	-	324622 372115
103	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1963	A8NE (SE)	372	-	324763 372012
104	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1963	A14SW (SE)	400	-	324952 372119
105	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1963	A8NW (S)	437	-	324511 371928
106	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A14SW (E)	526	-	325158 372315

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
107	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A14SW (SE)	545	-	325098 372077
108	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A19SW (NE)	594	-	324997 372848
109	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1963	A8NE (S)	623	-	324743 371747
110	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1963	A18SE (NE)	646	-	324930 372962
111	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1963	A12SW (W)	651	-	323907 372298
112	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A7NE (SW)	652	-	324247 371803
113	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1963	A8NW (SW)	669	-	324259 371776
114	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1963	A8NE (SE)	681	-	324875 371723
115	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1963	A8SE (S)	701	-	324716 371664
116	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1963	A12SW (SW)	717	-	323902 372089
117	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A9NE (SE)	749	-	325277 371978
118	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A9NE (SE)	752	-	325275 371968
119	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A19SW (NE)	786	-	325060 373043
120	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1878	A12NW (W)	789	-	323762 372405
121	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A9NE (SE)	840	-	325389 371994
122	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A9NE (SE)	882	-	325451 372031
123	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1878	A9NE (SE)	952	-	325492 371950
124	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1878	A8SW (S)	986	-	324427 371386

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Warwickshire Group	A13SW (W)	0	1	324573 372383
	BGS 1:625,000 Solid Geology Description: Pennine Lower Coal Measures Formation And South Wales Lower Coal Measures Formation (Undifferentiated)	A13SE (S)	0	1	324593 372385
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 300 - 600 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SE (S)	0	1	324593 372385
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: 300 - 600 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14SW (E)	366	1	325000 372385
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 300 - 600 mg/kg Nickel Concentration: <15 mg/kg	A14NW (NE)	475	1	325000 372674
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: 300 - 600 mg/kg Nickel Concentration: 15 - 30 mg/kg	A19SW (NE)	518	1	325000 372741
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 300 - 600 mg/kg Nickel Concentration: 15 - 30 mg/kg	A18SE (N)	521	1	324603 372941

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: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 300 - 600 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SW (N)	580	1	324558 373000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SW (N)	584	1	324500 373000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SW (N)	584	1	324498 373000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 300 - 600 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SE (N)	596	1	324712 373000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18NW (N)	691	1	324500 373108
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 300 - 600 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9NW (SE)	705	1	325000 371759

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: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 300 - 600 mg/kg Nickel <15 mg/kg Concentration:	A19SW (NE)	716	1	325029 372979
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A17SE (NW)	815	1	324000 373000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic no data Concentration: Cadmium <1.8 mg/kg Concentration: Chromium no data Concentration: Lead Concentration: 300 - 600 mg/kg Nickel no data Concentration:	A19SW (NE)	833	1	325112 373063
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 300 - 600 mg/kg Nickel <15 mg/kg Concentration:	A9SW (SE)	936	1	325075 371536
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 300 - 600 mg/kg Nickel <15 mg/kg Concentration:	A9SW (SE)	980	1	325098 371499
125	BGS Recorded Mineral Sites Site Name: Mount Pleasant Location: Flint, Flintshire Source: British Geological Survey, National Geoscience Information Service Reference: 133936 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Etruria Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A13SW (W)	183	1	324383 372322

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
126	BGS Recorded Mineral Sites Site Name: Mount Pleasant Location: Flint, Flintshire Source: British Geological Survey, National Geoscience Information Service Reference: 133837 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Etruria Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A12NE (W)	348	1	324203 372390
127	BGS Recorded Mineral Sites Site Name: Woodland Grove Location: Flint, Flintshire Source: British Geological Survey, National Geoscience Information Service Reference: 133935 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Etruria Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A18SW (NW)	350	1	324407 372728
128	BGS Recorded Mineral Sites Site Name: Mount Pleasant Location: Flint, Flintshire Source: British Geological Survey, National Geoscience Information Service Reference: 133836 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Etruria Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	535	1	324092 372669
129	BGS Recorded Mineral Sites Site Name: Mount Pleasant Location: Flint, Flintshire Source: British Geological Survey, National Geoscience Information Service Reference: 133881 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A12NE (W)	599	1	323961 372496
130	BGS Recorded Mineral Sites Site Name: Summer Hill Pit Location: Pentre Ffwrndan, Flint, Flintshire Source: British Geological Survey, National Geoscience Information Service Reference: 105656 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Till, Devensian Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A14NW (E)	629	1	325207 372630
131	BGS Recorded Mineral Sites Site Name: New Flint Colliery Location: Flint, Flintshire Source: British Geological Survey, National Geoscience Information Service Reference: 133880 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	903	1	324080 373177

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A13SE (S)	0	6	324593 372385
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13SE (S)	0	-	324593 372385
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	324603 372385
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	1	324593 372385
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	1	324593 372385
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	1	324593 372385
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	109	1	324489 372490
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	1	324593 372385
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	1	324593 372385
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	12	1	324595 372432
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	102	1	324516 372287
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	109	1	324489 372490
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	1	324593 372385
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	324607 372397
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	102	1	324516 372287
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	109	1	324489 372490
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	324603 372385
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	1	324593 372385
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	102	1	324516 372287

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Radon Potential - Radon Affected Areas Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	1	324575 372385
	Radon Potential - Radon Affected Areas Affected Area: The property is in an Intermediate probability radon area (3 to 5% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	1	324593 372385
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	1	324575 372385
	Radon Potential - Radon Protection Measures Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	1	324593 372385

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
132	Contemporary Trade Directory Entries Name: Jeff Ellis & Son Location: 15, Charles Drive, Flint, Clwyd, CH6 5QF Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (S)	116	-	324628 372244
133	Contemporary Trade Directory Entries Name: Memories Location: 51, Ffordd Llewelyn, Flint, Clwyd, CH6 5JZ Classification: T-Shirts Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	136	-	324736 372273
134	Contemporary Trade Directory Entries Name: Ricks Domestic Location: Tall Trees, Allt Goch, Flint, Clwyd, CH6 5NF Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	314	-	324273 372539
135	Contemporary Trade Directory Entries Name: M R Clean Location: 52, Fourth Avenue, Flint, Clwyd, CH6 5LU Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	341	-	324325 372138
136	Contemporary Trade Directory Entries Name: B S Refrigeration Location: 51, Park Avenue, Flint, Clwyd, CH6 5DW Classification: Refrigerators & Freezers - Servicing & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	354	-	324549 372774
137	Contemporary Trade Directory Entries Name: C T Mini & Midi Skip Hire Location: 51, Sixth Avenue, Flint, Clwyd, CH6 5ND Classification: Chemical Recycling & Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (SW)	380	-	324383 372039
137	Contemporary Trade Directory Entries Name: C T Mini & Midi Skip Hire Location: 51, Sixth Avenue, Flint, CH6 5ND Classification: Chemical Recycling & Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (SW)	381	-	324382 372038
138	Contemporary Trade Directory Entries Name: Fw Contracting Location: Maes Gwyn, Flint, Clwyd, CH6 5EF Classification: Marine Engineers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A14NW (E)	398	-	325021 372462
139	Contemporary Trade Directory Entries Name: M & M Repairs Location: Flat, 57, Chester Road, Flint, Clwyd, CH6 5DT Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	457	-	324843 372794
139	Contemporary Trade Directory Entries Name: Gappers Garage Ltd Location: 57, Chester Road, Flint, Clwyd, CH6 5DT Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	457	-	324843 372794
140	Contemporary Trade Directory Entries Name: Flintshire Appliances Location: 74, Chester Street, Flint, CH6 5DH Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (N)	465	-	324665 372877
140	Contemporary Trade Directory Entries Name: Just For You Laundry Services Location: 68, Chester Street, Flint, Clwyd, CH6 5DH Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (N)	475	-	324652 372889

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
141	Contemporary Trade Directory Entries Name: Rightway Ltd Location: Warehouse, Knights Green, Flint, CH6 5DF Classification: Painting & Decorating Supplies Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (N)	481	-	324603 372901
142	Contemporary Trade Directory Entries Name: Ats Euromaster Ltd Location: 31, Chester Road, Flint, CH6 5DT Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (N)	488	-	324785 372860
143	Contemporary Trade Directory Entries Name: Mass Exposure Location: 52, Chester Street, Flint, Clwyd, CH6 5DH Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	524	-	324597 372944
143	Contemporary Trade Directory Entries Name: Autosales Location: 55, Chester Street, Flint, CH6 5DH Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	567	-	324616 372986
144	Contemporary Trade Directory Entries Name: Hilbre View Location: Hilbre View, Northop Road, Flint, Clwyd, CH6 5LQ Classification: Pottery Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	562	-	324168 372809
145	Contemporary Trade Directory Entries Name: L Brown Location: 1, Min Awel, Flint, Clwyd, CH6 5TG Classification: Washing Machines - Servicing & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	589	-	324575 371769
146	Contemporary Trade Directory Entries Name: Jet Petrol Station Location: Chester Road, Oakenholt, Flint, Clwyd, CH6 5DZ Classification: Petrol Filling Stations Status: Active Positional Accuracy: Manually positioned to the address or location	A14NW (E)	589	-	325196 372546
146	Contemporary Trade Directory Entries Name: Jones Holidays Location: 211a, Chester Road, Oakenholt, Flint, CH6 5DZ Classification: Bus & Coach Operators & Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	591	-	325207 372513
146	Contemporary Trade Directory Entries Name: Aspen Blinds Location: 221, Chester Road, Oakenholt, Flint, Clwyd, CH6 5DZ Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	608	-	325227 372501
147	Contemporary Trade Directory Entries Name: Direct Video Location: 20, Chester Street, Flint, Clwyd, CH6 5NR Classification: Photographic Processors Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	608	-	324507 373025
147	Contemporary Trade Directory Entries Name: Dee Domestic Services Location: 19, Chester Street, Flint, Clwyd, CH6 5BL Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	635	-	324530 373054
148	Contemporary Trade Directory Entries Name: Us Un Ltd Location: 53, Church Street, Flint, Clwyd, CH6 5AD Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (NW)	615	-	324293 372968

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
149	Contemporary Trade Directory Entries Name: Swan Garage Location: 48b, Halkyn Street, Flint, Clwyd, CH6 5HY Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	643	-	324024 372762
149	Contemporary Trade Directory Entries Name: R & L Tyres Location: 48b, Halkyn Street, Flint, Clwyd, CH6 5HY Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	643	-	324024 372762
150	Contemporary Trade Directory Entries Name: Global 1 Partners Location: H42-H43, Ashmount Enterprise Park, Aber Road, Flint, CH6 5YL Classification: Lift Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A12NE (NW)	654	-	323977 372708
151	Contemporary Trade Directory Entries Name: Etyres - Tip Top Garage Ltd Location: Tiptop Service Centre, Flint Mountain, Flint, Clwyd, CH6 5QG Classification: Tyre Dealers Status: Active Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	674	-	324166 371833
151	Contemporary Trade Directory Entries Name: Tip Top Service Centre Location: Northop Road, Flint Mountain, Flint, CH6 5QG Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	684	-	324164 371822
151	Contemporary Trade Directory Entries Name: Tip Top Service Centre Location: Northop Road, Flint Mountain, Flint, CH6 5QG Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	684	-	324164 371822
151	Contemporary Trade Directory Entries Name: Jet Location: Northop Road, Flint Mountain, Flint, Clwyd, CH6 5QG Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	686	-	324170 371815
151	Contemporary Trade Directory Entries Name: Jet Location: Northop Road, Flint Mountain, Flint, CH6 5QG Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	688	-	324169 371814
151	Contemporary Trade Directory Entries Name: Jet Petrol Station Location: Northop Road, Flint Mountain, Flint, Clwyd, CH6 5QG Classification: Petrol Filling Stations Status: Active Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	720	-	324150 371787
152	Contemporary Trade Directory Entries Name: Premier Cleaning Location: 26, Church Street, Flint, Clwyd, CH6 5AE Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	691	-	324376 373083
153	Contemporary Trade Directory Entries Name: J P Martin Painting & Decorating Services Location: 38, Halkyn Road, Flint, CH6 5QZ Classification: Painting & Decorating Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	725	-	323839 372253
154	Contemporary Trade Directory Entries Name: Card Outlet Location: D34, Ashmount Enterprise Park, Aber Road, Flint, CH6 5YL Classification: Greeting Card Publishers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	750	-	323943 372833

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
155	Contemporary Trade Directory Entries Name: C T L Control Solution Ltd Location: 11, Bron Llwyn, Flint, CH6 5TJ Classification: Automation Systems & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	764	-	324549 371595
156	Contemporary Trade Directory Entries Name: Leighton Johnston Ltd Location: Unit C29 Ashmount Enterprise Park, Aber Rd, Flint, Clwyd, CH6 5YL Classification: Toiletries Status: Inactive Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	775	-	323934 372862
156	Contemporary Trade Directory Entries Name: Electrical Wholesale Supplies Ltd Location: unit 22, Ashmount Enterprise Pk, Aber Rd, Flint, Clwyd, CH6 5YL Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	776	-	323960 372896
156	Contemporary Trade Directory Entries Name: H H Print Ltd Location: C29, Ashmount Enterprise Park, Aber Road, Flint, CH6 5YL Classification: Screen Process Printers Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	776	-	323934 372865
156	Contemporary Trade Directory Entries Name: Normac Precision Ltd Location: C23, Ashmount Enterprise Park, Aber Road, FLINT, Clwyd, CH6 5YL Classification: Precision Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	785	-	323942 372889
156	Contemporary Trade Directory Entries Name: Albroco Location: C26-C28, Ashmount Enterprise Park, Aber Road, Flint, Clwyd, CH6 5YL Classification: Hydraulic Equipment & Accessories - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	792	-	323927 372881
156	Contemporary Trade Directory Entries Name: Luntstone Location: B19, Ashmount Enterprise Pk, Aber Rd, Flint, Clwyd, CH6 5YL Classification: Electronic Engineers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	803	-	323948 372924
156	Contemporary Trade Directory Entries Name: Luntstone Electrical Location: B19, Ashmount Enterprise Park, Aber Road, Flint, Clwyd, CH6 5YL Classification: Electrical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	803	-	323949 372925
157	Contemporary Trade Directory Entries Name: Wrought Iron Location: 39, Min Awel, Flint, Clwyd, CH6 5TG Classification: Wrought Ironwork Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	782	-	324676 371579
158	Contemporary Trade Directory Entries Name: Flint Community Hospital Location: Cornist Road, Flint, Clwyd, CH6 5HG Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	807	-	323808 372710
159	Contemporary Trade Directory Entries Name: Aqua Domestics Location: 6, Cornist Drive, Flint, Clwyd, CH6 5HJ Classification: Washing Machines - Servicing & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	835	-	323759 372658
160	Contemporary Trade Directory Entries Name: Bedford Stainless Ltd Location: A9-A12, Ashmount Enterprise Park, Aber Road, Flint, Clwyd, CH6 5YL Classification: Steel Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	836	-	323951 372979

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
160	Contemporary Trade Directory Entries Name: Future Building Plastics Location: A10-A11, ASHMOUNT ENTERPRISE PARK, ABER ROAD, FLINT, CH6 5YL Classification: Builders' Merchants Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	837	-	323950 372979
160	Contemporary Trade Directory Entries Name: T N C Engineering Ltd Location: ASHMOUNT ENTERPRISE PARK, ABER ROAD, FLINT, CH6 5YL Classification: Machine Shops Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	846	-	323947 372989
160	Contemporary Trade Directory Entries Name: Anglo Polymers Ltd Location: A2-A5, Ashmount Enterprise Park, Aber Road, Flint, Clwyd, CH6 5YL Classification: Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	857	-	323940 372998
160	Contemporary Trade Directory Entries Name: Lex Machinery Location: 5 Ashmount Enterprise Pk, Aber Rd, Flint, Clwyd, CH6 5YL Classification: Machinery - Industrial & Commercial Status: Inactive Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	858	-	323939 372998
160	Contemporary Trade Directory Entries Name: Injection Moulding Services Location: A3-A6 Ashmount Enterprise Pk, Aber Rd, Flint, Clwyd, CH6 5YL Classification: Plastics - Injection Moulding Status: Inactive Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	858	-	323939 372998
161	Contemporary Trade Directory Entries Name: Albany Blinds Location: 44, Windsor Drive, Flint, Clwyd, CH6 5TX Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	855	-	323699 372457
162	Contemporary Trade Directory Entries Name: David Wood Foods Location: 19, Aber Park, Aber Road, Flint, CH6 5EX Classification: Frozen Food Processors & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	889	-	323767 372813
162	Contemporary Trade Directory Entries Name: David Wood Foods Location: 19, Aber Park, Aber Road, Flint, CH6 5EX Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	889	-	323767 372813
163	Contemporary Trade Directory Entries Name: Scitech Adhesive Systems Location: UNIT 8, CASTLE PARK INDUSTRIAL ESTATE, FLINT, CH6 5XA Classification: Adhesives, Glues & Sealants Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	923	-	324461 373336
164	Contemporary Trade Directory Entries Name: A 2 B Light Location: Unit 15, Acorn Business Park, Flint, Clwyd, CH6 5YN Classification: Road Haulage Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A17NW (NW)	932	-	323916 373081
165	Contemporary Trade Directory Entries Name: Jollyes - The Pet Superstore Flint Location: Unit J, Flintshire Retail Park, Holywell Road, Flint, Clwyd, CH6 5GB Classification: Pet Foods & Animal Feeds Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	933	-	324110 373230
166	Contemporary Trade Directory Entries Name: Riverside Car Sales Location: Pandy Garage Complex, Chester Rd, Oakenholt, Flintshire, Clwyd, CH6 5SD Classification: Car Dealers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A9NE (E)	944	-	325524 372046

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
166	Contemporary Trade Directory Entries Name: Flintshire Mobile Car Care Location: Unit 3, Pandy Garage Complex, Chester Road, Oakenholt, Flint, Clwyd, CH6 5SD Classification: Car Breakdown & Recovery Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (E)	944	-	325524 372046
166	Contemporary Trade Directory Entries Name: Flintshire Mobile Car Care Location: Unit 3, Pandy Garage Complex, Chester Road, Oakenholt, Flint, Clwyd, CH6 5SD Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (E)	944	-	325524 372046
167	Contemporary Trade Directory Entries Name: Lawrence Motors (Clwyd) Ltd Location: Chester Road, Oakenholt, Flint, Clwyd, CH6 5SD Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	989	-	325582 372076
167	Contemporary Trade Directory Entries Name: Pandy Autos Location: Chester Road, Oakenholt, Flint, Clwyd, CH6 5SD Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	990	-	325582 372076
168	Fuel Station Entries Name: Spar Chester Road Location: Chester Road , , Flint, Flintshire, CH6 5DZ Brand: Jet Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A14NW (E)	591	-	325198 372546
169	Fuel Station Entries Name: Flint Filling Station Location: Northop Road , , Flint, Flintshire, CH6 5QG Brand: Jet Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	724	-	324146 371786
170	Fuel Station Entries Name: Anchor Service Station Location: Holywell Road , , Flint, Flintshire, CH6 5RR Brand: OBSOLETE Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Located by supplier to within 100m	A18NW (N)	861	-	324387 373261
171	Points of Interest - Commercial Services Name: Jeff Ellis & Son Location: 15 Charles Drive, Flint, CH6 5QF Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13SE (S)	116	7	324628 372244
171	Points of Interest - Commercial Services Name: Jeff Ellis & Son Location: 15 Charles Drive, Flint, CH6 5QF Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13SE (S)	117	7	324627 372242
172	Points of Interest - Commercial Services Name: C T Mini & Midi Skip Hire Location: 51 Sixth Avenue, Flint, CH6 5ND Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A8NW (SW)	382	7	324382 372037
173	Points of Interest - Commercial Services Name: S L Light Haulage Ltd Location: Stegar, Allt Goch, Flint, CH6 5NF Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18SW (NW)	437	7	324352 372798

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
174	Points of Interest - Commercial Services Name: Gappers Garage Ltd Location: 57 Chester Road, Flint, CH6 5DT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (NE)	457	7	324843 372794
174	Points of Interest - Commercial Services Name: Flint Car Repair Location: Flat 57, Chester Road, Flint, CH6 5DT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (NE)	457	7	324843 372794
175	Points of Interest - Commercial Services Name: Spar Chester Road Location: Chester Road, Flint, CH6 5DZ Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A14NW (E)	591	7	325198 372546
175	Points of Interest - Commercial Services Name: Car Wash Location: Chester Road, Flint, Clwyd, CH6 5DZ Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A14NW (E)	591	7	325198 372546
176	Points of Interest - Commercial Services Name: Swan Garage Location: 48b Halkyn Street, Flint, CH6 5HY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	643	7	324024 372762
176	Points of Interest - Commercial Services Name: Swan Garage Location: 48b Halkyn Street, Flint, CH6 5HY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	643	7	324024 372762
176	Points of Interest - Commercial Services Name: A & D Environmental Services Ltd Location: Unit 36 Ashmount Enterprise Park, Aber Road, Flint, CH6 5YL Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A17SE (NW)	695	7	323965 372767
177	Points of Interest - Commercial Services Name: Tip Top Service Centre Location: Northop Road, Flint Mountain, Flint, CH6 5QG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NE (SW)	684	7	324164 371822
177	Points of Interest - Commercial Services Name: Tip Top Service Centre Location: Northop Road, Flint Mountain, Flint, CH6 5QG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NE (SW)	685	7	324164 371821
177	Points of Interest - Commercial Services Name: Flint Service Station Location: Northop Road, Flint Mountain, Flint, CH6 5QG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NE (SW)	686	7	324170 371815
177	Points of Interest - Commercial Services Name: Flint Service Station Location: Northop Road, Flint Mountain, Flint, CH6 5QG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NE (SW)	686	7	324170 371815
177	Points of Interest - Commercial Services Name: Flint Filling Station Location: Northop Road, Flint, CH6 5QG Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A7NE (SW)	724	7	324146 371786

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
177	Points of Interest - Commercial Services Name: Car Wash Location: Northop Road, Flint, Clwyd, CH6 5QG Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A7NE (SW)	724	7	324146 371786
178	Points of Interest - Commercial Services Name: Puritan Stone Ltd Location: 20 Windsor Drive, Flint, CH6 5TX Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12SW (W)	758	7	323794 372343
179	Points of Interest - Commercial Services Name: Wrought Iron Location: 39 Min Awel, Flint, CH6 5TG Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A8SE (S)	782	7	324676 371579
180	Points of Interest - Commercial Services Name: K M V R Location: Chester Road, Oakenholt, Flint, CH6 5SD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SE (E)	989	7	325582 372076
181	Points of Interest - Education and Health Name: Flint Community Hospital Location: Cornist Road, Flint, CH6 5HG Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A12NW (W)	807	7	323808 372710
181	Points of Interest - Education and Health Name: Flint Community Hospital Location: Cornist Road, Flint, CH6 5HG Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A12NW (W)	807	7	323808 372710
181	Points of Interest - Education and Health Name: Flint Community Hospital Location: Cornist Road, Flint, CH6 5HG Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A12NW (W)	807	7	323808 372710
181	Points of Interest - Education and Health Name: Flint Community Hospital Location: Cornist Road, Flint, CH6 5HG Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A12NW (W)	807	7	323808 372710
181	Points of Interest - Education and Health Name: Flint Community Hospital Location: Cornist Road, Flint, CH6 5HG Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A12NW (W)	807	7	323808 372710
182	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	A17SE (NW)	642	7	324163 372914
183	Points of Interest - Manufacturing and Production Name: Ashmount Enterprise Park Location: CH6 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	745	7	323933 372810
183	Points of Interest - Manufacturing and Production Name: Ashmount Enterprise Park Location: CH6 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	781	7	323916 372848
183	Points of Interest - Manufacturing and Production Name: Industrial Estate Location: CH6 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	818	7	323853 372821

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
184	Points of Interest - Manufacturing and Production Name: R G P Davies Location: 18 Mill Croft, Oakenholt, Flint, CH6 5NP Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A14SE (E)	821	7	325401 372070
185	Points of Interest - Manufacturing and Production Name: Acorn Business Park Location: CH6 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	915	7	323918 373059
185	Points of Interest - Manufacturing and Production Name: Acorn Business Park Location: CH6 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	928	7	323887 373045
186	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)	949	7	324284 373324
186	Points of Interest - Manufacturing and Production Name: Works Location: CH6 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	949	7	324290 373326
187	Points of Interest - Public Infrastructure Name: Sewage Pumping Station Location: CH6 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A13SE (S)	223	7	324656 372138
188	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	A12NE (NW)	395	7	324217 372604
188	Points of Interest - Public Infrastructure Name: Cemetery Location: CH6 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A12NE (NW)	407	7	324201 372602
189	Points of Interest - Public Infrastructure Name: Flint Fire Station Location: Fire Station, Chester Street, Flint, CH6 5DH Category: Central and Local Government Class Code: Fire Brigade Stations Positional Accuracy: Positioned to address or location	A18SE (N)	517	7	324689 372924
190	Points of Interest - Public Infrastructure Name: Flint Police Station Location: Car Park, Chapel Street, Flint, CH6 5BE Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A18SW (NW)	543	7	324285 372880
191	Points of Interest - Public Infrastructure Name: Jet Petrol Station Location: Chester Road, Oakenholt, Flint, CH6 5DZ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14NW (E)	587	7	325194 372546
191	Points of Interest - Public Infrastructure Name: Spar Chester Road Location: Chester Road, Flint, CH6 5DZ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14NW (E)	591	7	325198 372546

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
191	Points of Interest - Public Infrastructure Name: Jones Holidays Location: 211a Chester Road, Oakenholt, Flint, CH6 5DZ Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to address or location	A14NW (E)	592	7	325208 372513
191	Points of Interest - Public Infrastructure Name: Jones Spar Flint Location: 211a Chester Road, Oakenholt, Flint, CH6 5DZ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14NW (E)	592	7	325208 372513
191	Points of Interest - Public Infrastructure Name: Jones Location: 227 Chester Road, Oakenholt, Flint, CH6 5DZ Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to address or location	A14NW (E)	619	7	325242 372486
192	Points of Interest - Public Infrastructure Name: Tesco Petrol Filling Station Location: 22-28 Chester Street, Flint, CH6 5NR Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18SW (N)	599	7	324515 373017
193	Points of Interest - Public Infrastructure Name: Sewage Pumping Station Location: CH6 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	626	7	325033 372859
194	Points of Interest - Public Infrastructure Name: Flint Filling Station Location: Northop Road, Flint Mountain, Flint, CH6 5QG Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A7NE (SW)	686	7	324170 371815
194	Points of Interest - Public Infrastructure Name: Jet Location: Northop Road, Flint Mountain, CH6 5QG Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A7NE (SW)	712	7	324147 371800
194	Points of Interest - Public Infrastructure Name: Jet Location: Northop Road, Flint Mountain, Flint, CH6 5QG Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A7NE (SW)	721	7	324149 371787
194	Points of Interest - Public Infrastructure Name: Flint Filling Station Location: Northop Road, Flint, Clwyd, CH6 5QG Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A7NE (SW)	724	7	324146 371786
195	Points of Interest - Public Infrastructure Name: Flint Rail Station Location: CH6 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A18NW (N)	701	7	324531 373120
195	Points of Interest - Public Infrastructure Name: Flint Station Location: Lower Sydney Street, CH6 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A18NW (N)	701	7	324531 373120
196	Points of Interest - Public Infrastructure Name: Weir Location: CH6 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	757	7	325147 371806

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
196	Points of Interest - Public Infrastructure Name: Weir Location: CH6 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	767	7	325170 371814
197	Points of Interest - Public Infrastructure Name: Sewage Works Location: CH6 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	823	7	325451 372469
197	Points of Interest - Public Infrastructure Name: Sewage Works Location: CH6 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A14NE (E)	856	7	325481 372487
197	Points of Interest - Public Infrastructure Name: Sludge Tanks Location: CH6 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	923	7	325552 372460
198	Points of Interest - Public Infrastructure Name: Weir Location: CH6 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A9NE (E)	882	7	325453 372034
198	Points of Interest - Public Infrastructure Name: Weir Location: CH6 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A9NE (E)	892	7	325465 372037
199	Points of Interest - Public Infrastructure Name: North Wales Fire & Rescue Service Location: Unit 4, Acorn Business Park, Flint, CH6 5YN Category: Central and Local Government Class Code: Fire Brigade Stations Positional Accuracy: Positioned to address or location	A17NE (NW)	922	7	323946 373096
199	Points of Interest - Public Infrastructure Name: Weir Location: CH6 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	961	7	323970 373169
199	Points of Interest - Public Infrastructure Name: Weir Location: CH6 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	968	7	323966 373174
200	Points of Interest - Public Infrastructure Name: Sewage Pumping Station Location: CH6 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	992	7	324193 373337
201	Points of Interest - Recreational and Environmental Name: Play Area Location: CH6 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13NW (W)	147	7	324404 372398
202	Points of Interest - Recreational and Environmental Name: Play Area Location: CH6 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	498	7	324093 372588

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
203	Points of Interest - Recreational and Environmental Name: Play Area Location: CH6 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	539	7	324379 372923
204	Points of Interest - Recreational and Environmental Name: Playground Location: Duke Street, CH6 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A18SW (N)	541	7	324494 372956
205	Points of Interest - Recreational and Environmental Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	613	7	324702 371750
205	Points of Interest - Recreational and Environmental Name: Play Area Location: (Glan Gors), CH6 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	615	7	324688 371747
206	Points of Interest - Recreational and Environmental Name: Play Area Location: CH6 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	630	7	325262 372312
207	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	A18NE (N)	763	7	324709 373171
207	Points of Interest - Recreational and Environmental Name: Playground Location: Castle Dyke Street, CH6 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A18NE (N)	771	7	324712 373179
208	Points of Interest - Recreational and Environmental Name: Skatepark Location: CH6 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	865	7	324081 373132
209	Points of Interest - Recreational and Environmental Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	896	7	324616 371462
209	Points of Interest - Recreational and Environmental Name: Play Area Location: CH6 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	897	7	324609 371461
210	Points of Interest - Recreational and Environmental Name: Play Area Location: CH6 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A7NW (SW)	932	7	323721 371969
211	Points of Interest - Recreational and Environmental Name: Play Area Location: CH6 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A9NE (SE)	979	7	325417 371775

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
212	Ancient Woodland Name: Not Supplied Reference: 34887 Area(m²): 3079.32 Type: Ancient and Semi-Natural Woodland	A12NW (W)	956	2	323602 372503
213	Ramsar Sites Name: The Dee Estuary (Wales) Multiple Areas: Y Total Area (m2): 79439005.91 Source: Natural Resources Wales Reference: UK11082 Designation Date: 10th December 2009	A19SW (NE)	700	2	325133 372864
214	Ramsar Sites Name: The Dee Estuary Multiple Areas: Y Total Area (m2): 131536690.16 Source: Natural England Reference: UK11082 Designation Date: Not Supplied	A19SW (NE)	747	8	325153 372913
215	Sites of Special Scientific Interest Name: Dee Estuary / Aber Afon Dyfrdwy Multiple Areas: Y Total Area (m2): 74086462.57 Source: Natural Resources Wales Reference: 83931whj Designation Details: Biological Designation Date: 1st January 1972 Date Type: Notified	A19SW (NE)	700	2	325133 372864
216	Sites of Special Scientific Interest Name: Mynydd Y Fflint / Flint Mountain Multiple Areas: N Total Area (m2): 257917.46 Source: Natural Resources Wales Reference: 146431wue Designation Details: Biological Designation Date: 25th May 2011 Date Type: Notified	A8SE (S)	821	2	324909 371587
217	Special Areas of Conservation Name: Dee Estuary / Aber Dyfrdwy (Wales) Multiple Areas: N Total Area (m2): 75231693.17 Source: Natural Resources Wales Reference: UK0030131 Status: Designated	A19SW (NE)	700	2	325133 372864
218	Special Protection Areas Name: The Dee Estuary (Wales) Multiple Areas: Y Total Area (m2): 79439005.93 Source: Natural Resources Wales Reference: UK9013011 Designation Date: 10th December 2009	A19SW (NE)	700	2	325133 372864
219	Special Protection Areas Name: The Dee Estuary Multiple Areas: Y Total Area (m2): 131422315.69 Source: Natural England Reference: UK9013011 Designation Date: Not Supplied	A19SW (NE)	747	8	325153 372913

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Ellesmere Port And Neston Borough Council (now part of Cheshire West and Chester Council) - Environmental Health Department Natural Resources Wales Flintshire Council - Environmental Health Department Cheshire West and Chester Council - Environmental Health Department	March 2008 November 2023 October 2017 October 2017	 Annually Annual Rolling Update Annually
Discharge Consents Environment Agency - Welsh Region Natural Resources Wales	August 2014 January 2025	Quarterly Quarterly
Enforcement and Prohibition Notices Environment Agency - North West Region Environment Agency - Welsh Region	March 2013 March 2013	
Integrated Pollution Controls Environment Agency - North West Region Environment Agency - Welsh Region	January 2009 January 2009	
Integrated Pollution Prevention And Control Natural Resources Wales Environment Agency - Welsh Region Environment Agency - North West Region	January 2025 July 2024 October 2024	Quarterly Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Flintshire Council - Environmental Health Department Cheshire West and Chester Council - Environmental Health Department Ellesmere Port And Neston Borough Council (now part of Cheshire West and Chester Council) - Environmental Health Department	April 2016 July 2015 May 2009	Variable Variable Not Applicable
Local Authority Pollution Prevention and Controls Flintshire Council - Environmental Health Department Cheshire West and Chester Council - Environmental Health Department Ellesmere Port And Neston Borough Council (now part of Cheshire West and Chester Council) - Environmental Health Department	April 2016 July 2015 May 2009	Annual Rolling Update Annually Not Applicable
Local Authority Pollution Prevention and Control Enforcements Flintshire Council - Environmental Health Department Cheshire West and Chester Council - Environmental Health Department Ellesmere Port And Neston Borough Council (now part of Cheshire West and Chester Council) - Environmental Health Department	April 2016 July 2015 May 2009	Variable Variable Not Applicable
Nearest Surface Water Feature Ordnance Survey	January 2025	
Pollution Incidents to Controlled Waters Environment Agency - Welsh Region	December 1998	
Historical Prosecutions Environment Agency, Welsh Region Natural Resources Wales	March 2013 March 2013	Not Applicable Not Applicable
Registered Radioactive Substances Natural Resources Wales Environment Agency - Welsh Region Environment Agency - North West Region	January 2015 June 2016 May 2023	
Substantiated Pollution Incident Register Natural Resources Wales Environment Agency Wales - North Area Environment Agency - North West Region - South Area	December 2024 January 2021 October 2024	Quarterly Quarterly Quarterly
Water Abstractions Natural Resources Wales Environment Agency - Welsh Region	February 2025 October 2024	Quarterly Quarterly

Agency & Hydrological	Version	Update Cycle
Water Industry Act Referrals Environment Agency - North West Region Environment Agency - Welsh Region Natural Resources Wales	October 2017 October 2017 October 2022	
Groundwater Vulnerability Map Environment Agency - Head Office Natural Resources Wales	June 2018 June 2018	As notified As notified
Bedrock Aquifer Designations Natural Resources Wales	January 2018	As notified
Superficial Aquifer Designations Natural Resources Wales	January 2018	As notified
Source Protection Zones Natural Resources Wales	July 2022	Annual Rolling Update
Extreme Flooding from Rivers or Sea without Defences Natural Resources Wales	September 2020	
Flooding from Rivers or Sea without Defences Natural Resources Wales	September 2020	
Areas Benefiting from Flood Defences Natural Resources Wales	November 2019	Quarterly
Flood Water Storage Areas Natural Resources Wales	August 2019	Quarterly
Flood Defences Natural Resources Wales	November 2019	
OS Water Network Lines Ordnance Survey	January 2025	Quarterly
Surface Water 1 in 30 year Flood Extent Natural Resources Wales	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Natural Resources Wales	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Natural Resources Wales	May 2018	Annually
Surface Water Suitability Natural Resources Wales	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified
Water Framework Directive - Catchment Environment Agency - Head Office Natural Resources Wales	July 2024 July 2024	Annually Annually
Water Framework Directive - Groundwater Natural Resources Wales	July 2024	Annually
Water Framework Directive - Surface Waters Natural Resources Wales	November 2024	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Natural Resources Wales	March 2023	As notified
Integrated Pollution Control Registered Waste Sites Environment Agency - North West Region Environment Agency - Welsh Region	January 2009 January 2009	Not Applicable Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Natural Resources Wales Environment Agency Wales - North Area Environment Agency - North West Region - South Area	August 2024 January 2023 November 2024	Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Natural Resources Wales Environment Agency Wales - North Area Environment Agency - North West Region - South Area	January 2025 July 2024 October 2024	Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Cheshire County Council (now part of Cheshire East Council) - Environmental Planning Department Ellesmere Port And Neston Borough Council (now part of Cheshire West and Chester Council) - Planning Department Flintshire Council - Environmental Health Department	February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Cheshire County Council (now part of Cheshire East Council) - Environmental Planning Department Ellesmere Port And Neston Borough Council (now part of Cheshire West and Chester Council) - Planning Department Flintshire Council - Environmental Health Department	October 2018 October 2018 October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency - North West Region - South Area Environment Agency Wales - North Area	March 2006 March 2006	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - North West Region - South Area Environment Agency Wales - North Area	April 2018 April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - North West Region - South Area Environment Agency Wales - North Area	June 2015 June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	September 2024	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Cheshire West and Chester Council - Planning Department Ellesmere Port And Neston Borough Council (now part of Cheshire West and Chester Council) - Planning Department Flintshire Council Cheshire County Council (now part of Cheshire East Council) - Planning Department	August 2023 December 2008 January 2016 July 2008	Variable Not Applicable Variable Annual Rolling Update
Planning Hazardous Substance Consents Cheshire West and Chester Council - Planning Department Ellesmere Port And Neston Borough Council (now part of Cheshire West and Chester Council) - Planning Department Flintshire Council Cheshire County Council (now part of Cheshire East Council) - Planning Department	April 2016 December 2008 January 2016 July 2008	Variable Not Applicable Variable Annual Rolling Update
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	March 2024	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	November 2024	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	November 2024	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	December 2024	Quarterly
Fuel Station Entries Green Street Advisor (UK) Ltd	December 2024	Quarterly
Points of Interest - Commercial Services PointX	March 2025	Quarterly
Points of Interest - Education and Health PointX	March 2025	Quarterly
Points of Interest - Manufacturing and Production PointX	March 2025	Quarterly
Points of Interest - Public Infrastructure PointX	March 2025	Quarterly
Points of Interest - Recreational and Environmental PointX	March 2025	Quarterly
Underground Electrical Cables National Grid	January 2024	

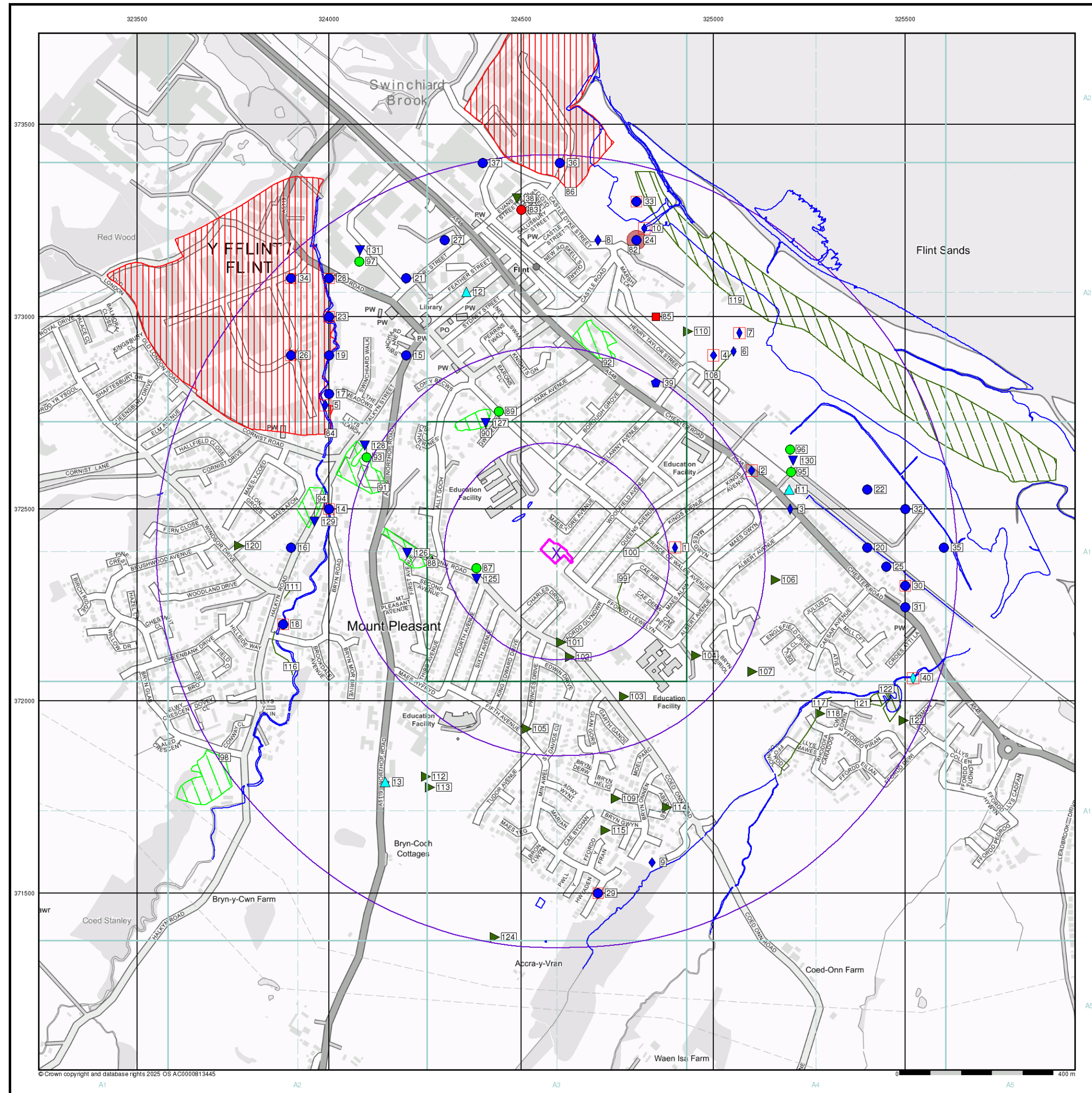
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural Resources Wales	October 2024	Bi-Annually
Areas of Adopted Green Belt Cheshire West and Chester Council - Planning Department Ellesmere Port And Neston Borough Council (now part of Cheshire West and Chester Council) - Planning Department Flintshire Council	July 2024 July 2024 July 2024	Quarterly Quarterly Quarterly
Areas of Unadopted Green Belt Cheshire West and Chester Council - Planning Department Ellesmere Port And Neston Borough Council (now part of Cheshire West and Chester Council) - Planning Department Flintshire Council	July 2024 July 2024 July 2024	Quarterly Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England Natural Resources Wales	November 2024 November 2024	Bi-Annually Bi-Annually
Environmentally Sensitive Areas Natural England The National Assembly for Wales - GI Services (Department of Planning & Countryside)	August 2023 January 2017	
Forest Parks Forestry Commission	May 2023	Not Applicable
Local Nature Reserves Flintshire Council Natural England	February 2025 February 2025	Bi-Annually Bi-Annually
Marine Nature Reserves Natural Resources Wales	February 2025	Bi-Annually
National Nature Reserves Natural Resources Wales	January 2025	Bi-Annually
National Parks Natural Resources Wales Natural England	September 2024 September 2024	Annually Bi-Annually
Nitrate Vulnerable Zones The National Assembly for Wales - GI Services (Department of Planning & Countryside) Natural Resources Wales	April 2016 November 2024	Annually
Ramsar Sites Natural England Natural Resources Wales	February 2025 February 2025	Bi-Annually Bi-Annually
Sites of Special Scientific Interest Natural Resources Wales	November 2024	Bi-Annually
Special Areas of Conservation Natural Resources Wales	February 2025	Bi-Annually
Special Protection Areas Natural England Natural Resources Wales	November 2024 November 2024	Bi-Annually 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	Flintshire Council - Environmental Health Department County Hall, Mold, Flintshire, CH7 6NF	Telephone: 01352 703413 Fax: 01352 703441 Website: www.flintshire.gov.uk
4	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
5	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.co.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 5-6 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
8	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.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 Landmark Information Group, Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0330 036 6618 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk

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



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General

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

Agency and Hydrological

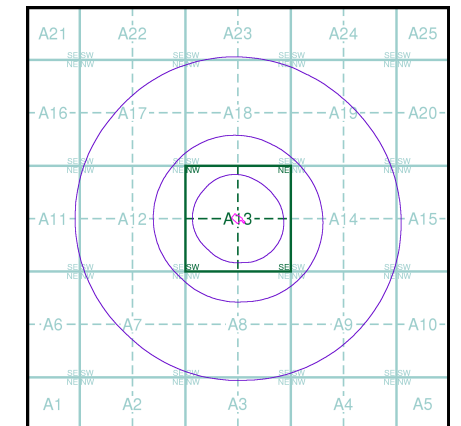
- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority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

Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement
- BGS Recorded Mineral Site

Geological

Site Sensitivity Map - Slice A



Order Details

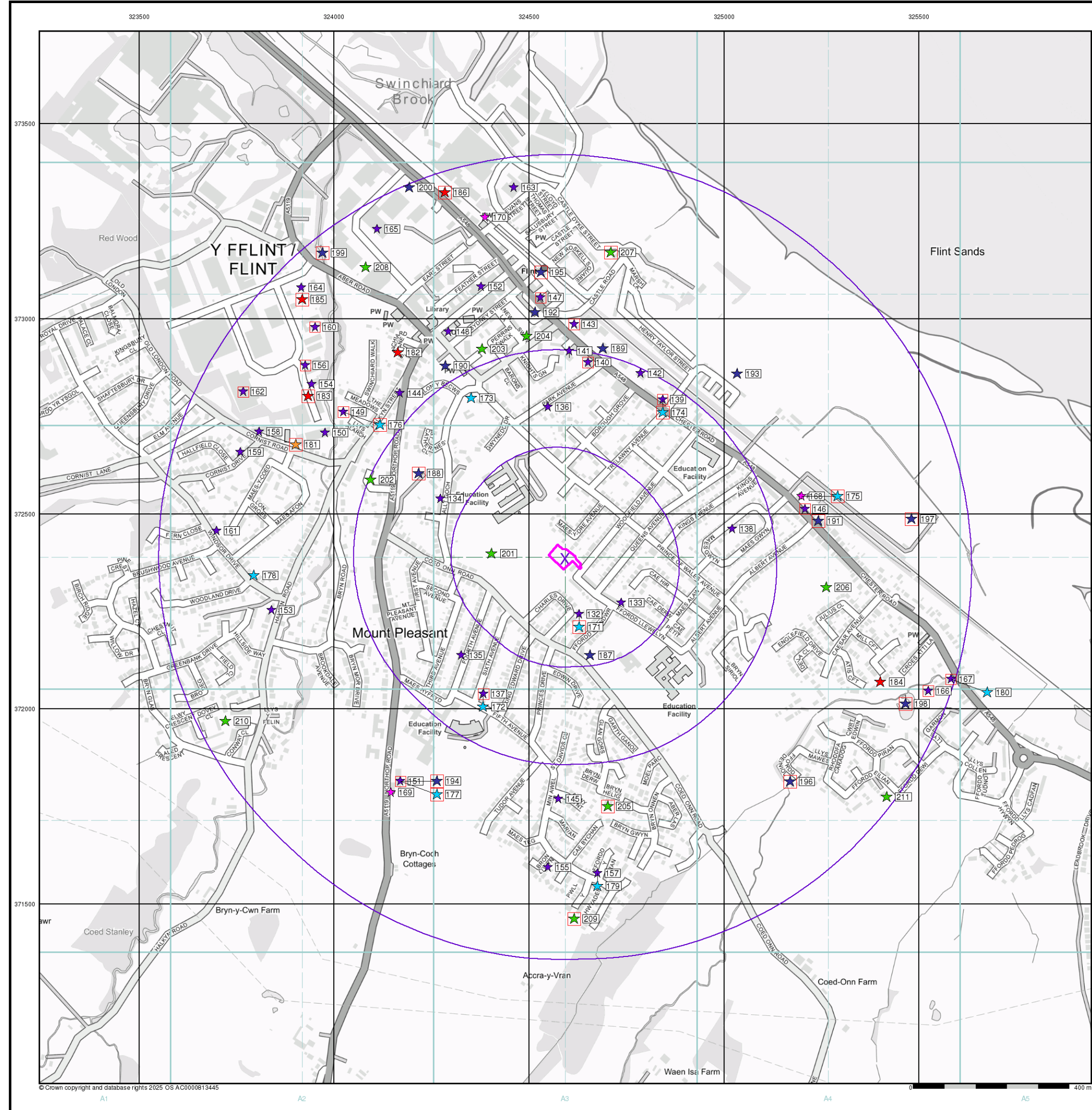
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Customer Ref: 16445
National Grid Reference: 324590, 372380
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 1000

Site Details

Site at 324590, 372390

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Industrial Land Use Map

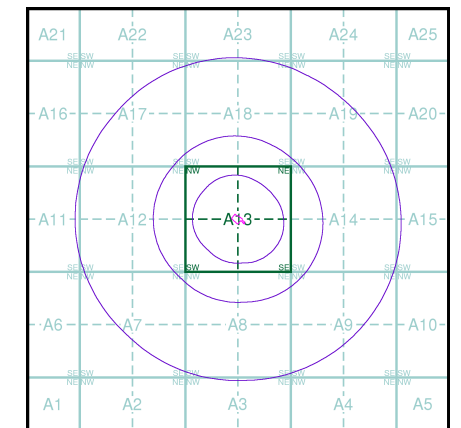
General

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

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- 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

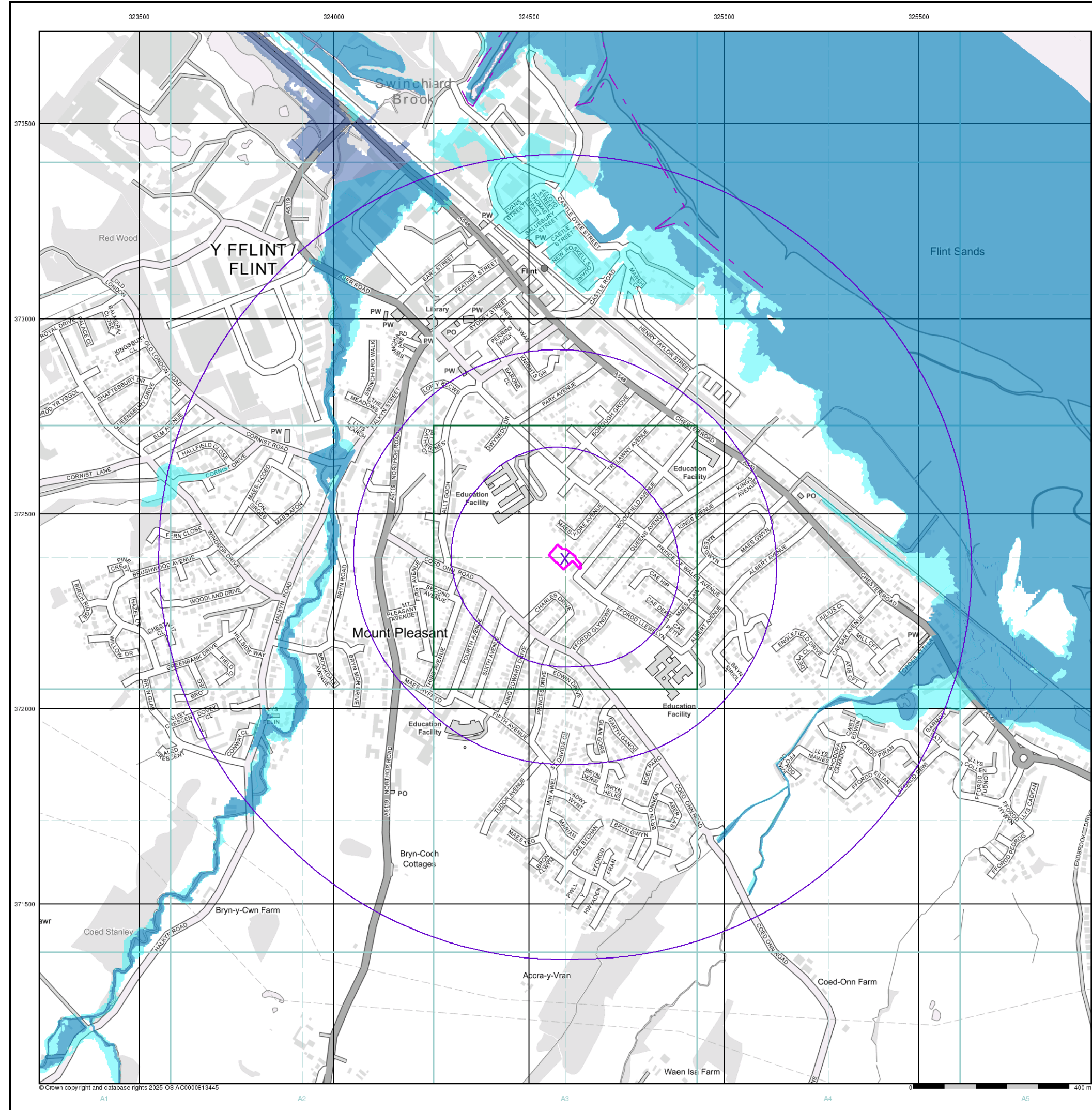
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Search Buffer (m): 1000

Site Details

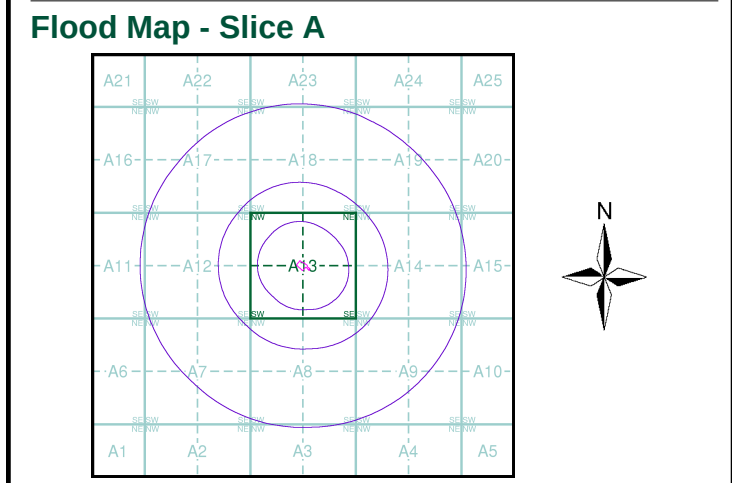
Site at 324590, 372390

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- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
- Agency and Hydrological (Flood)**
- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
 - Flooding from Rivers or Sea without Defences (Zone 3)
 - Area Benefiting from Flood Defence
 - Flood Water Storage Areas
 - Flood Defence

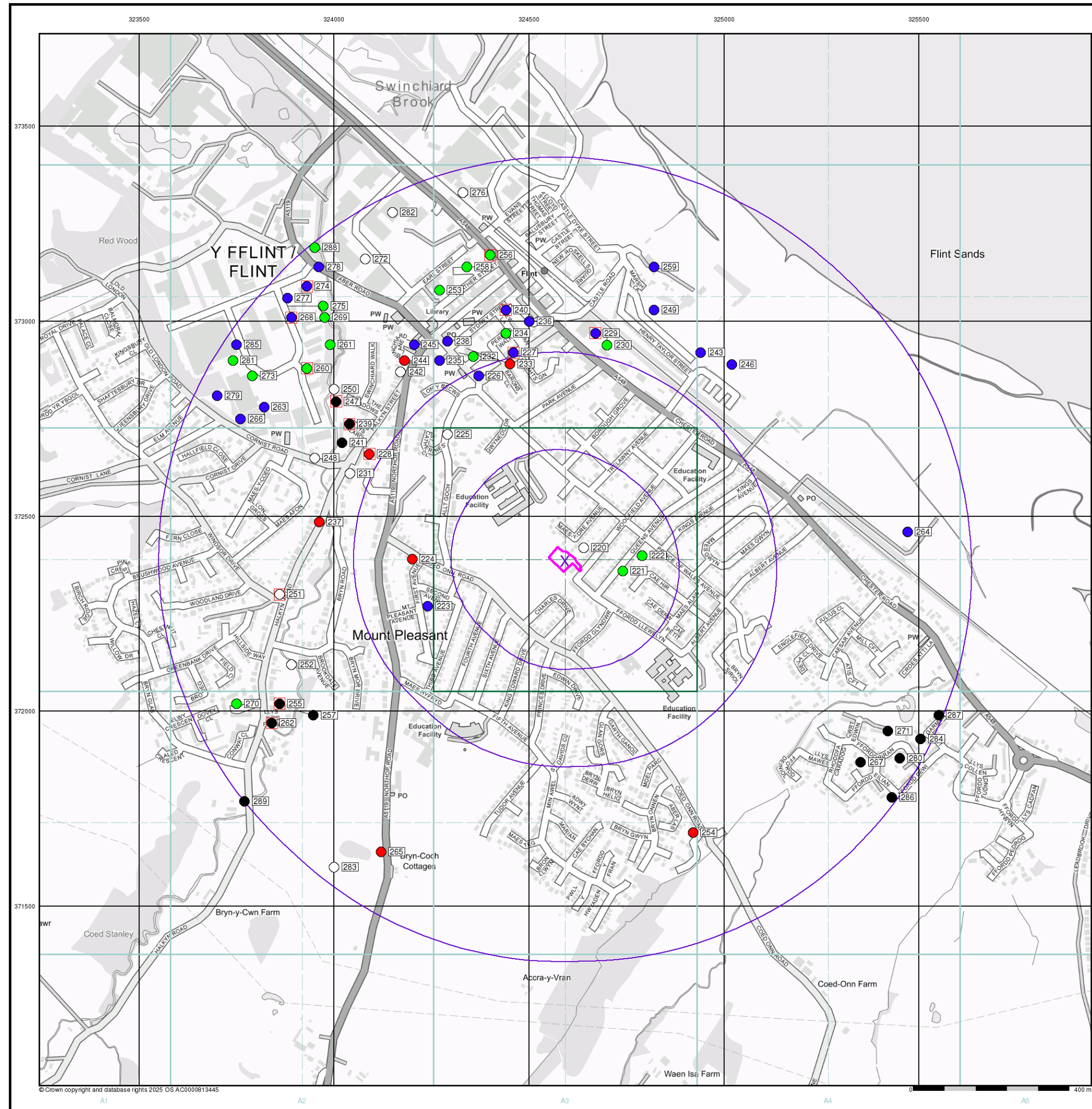


Order Details

Order Number: 372281214_1_1
Customer Ref: 16445
National Grid Reference: 324590, 372380
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 1000

Site Details

Site at 324590, 372390



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General

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

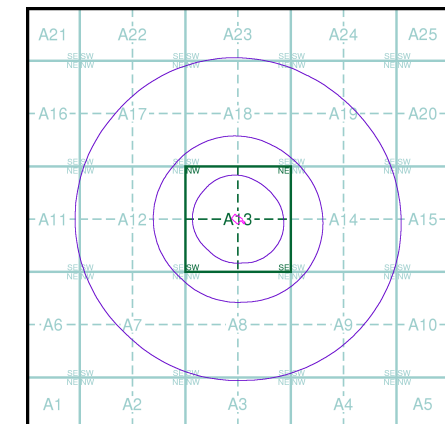
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice A

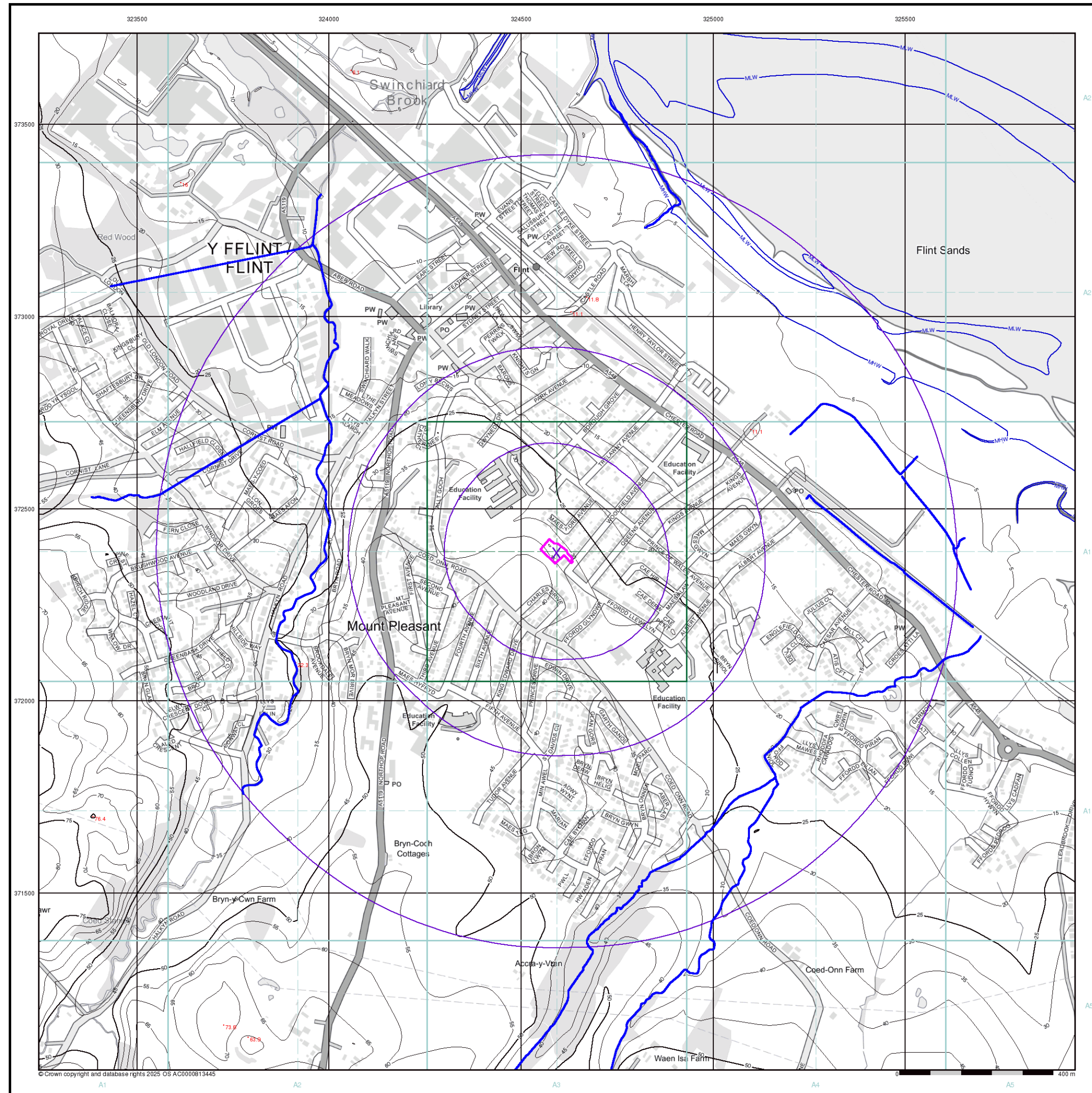


Order Details

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Customer Ref: 16445
National Grid Reference: 324590, 372380
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 1000

Site Details

Site at 324590, 372390



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General

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

OS Water Network Data

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

Contours (height in meters)

Standard Contour: 105, 100, 95

Master Contour: 105, 100, 95

Spot Height: 167.3

MLW: Mean Low Water

MHW: Mean High Water

OS Water Network Map - Slice A

A small inset map showing the location of the main map area within a larger grid. The grid is labeled A1 to A5 horizontally and A10 to A16 vertically. A central point is labeled A13. A north arrow is located to the right of the map.

Order Details

Order Number: 372281214_1_1

Customer Ref: 16445

National Grid Reference: 324590, 372380

Slice: A

Site Area (Ha): 0.26

Search Buffer (m): 1000

Site Details

Site at 324590, 372390

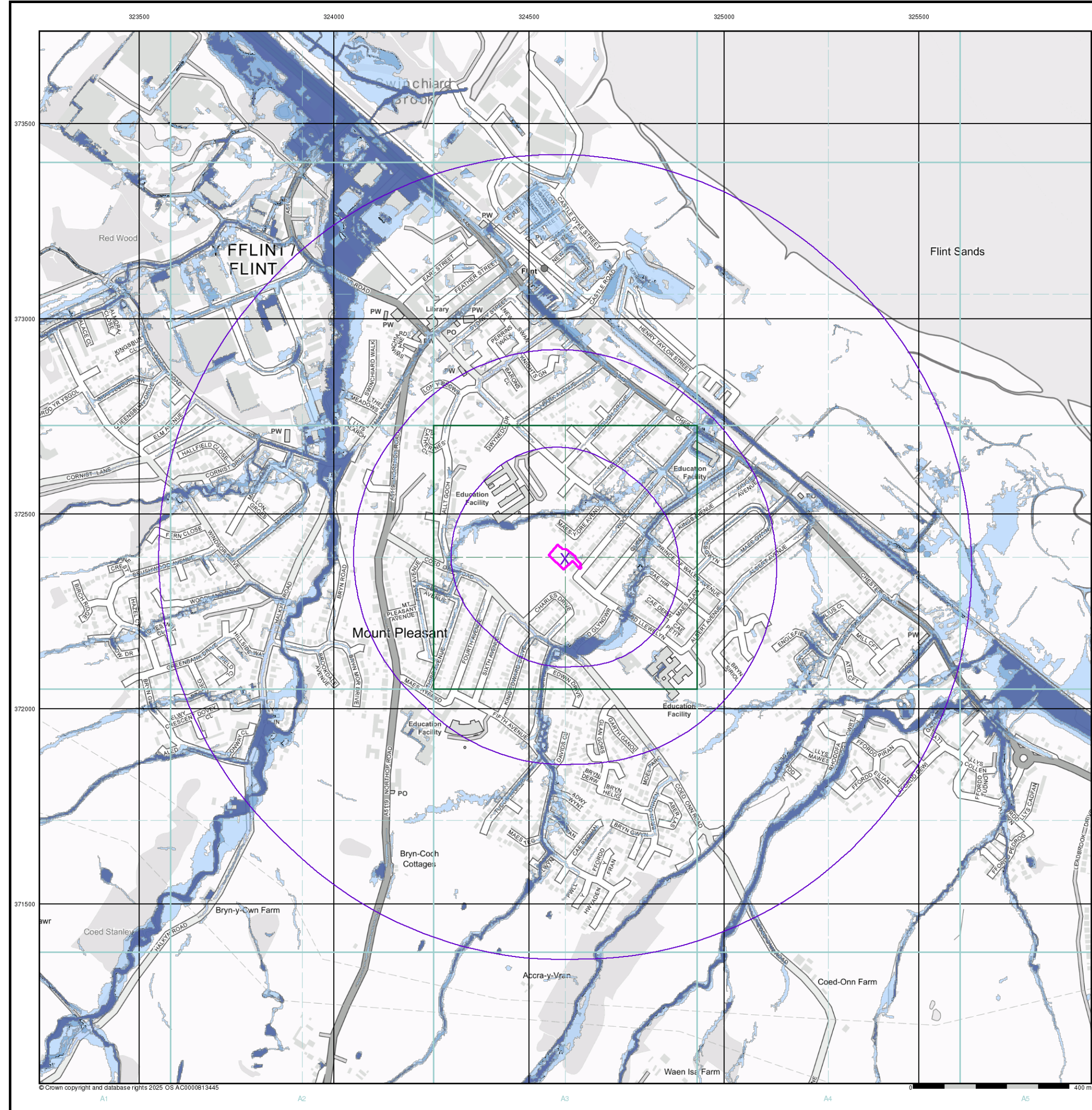
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General

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

Risk of Flooding from Surface Water

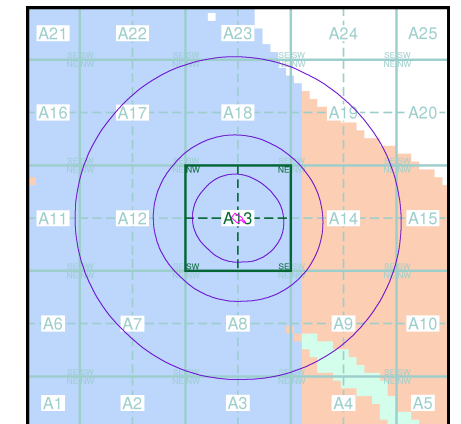
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

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

E/NRW Suitability Map - Slice A

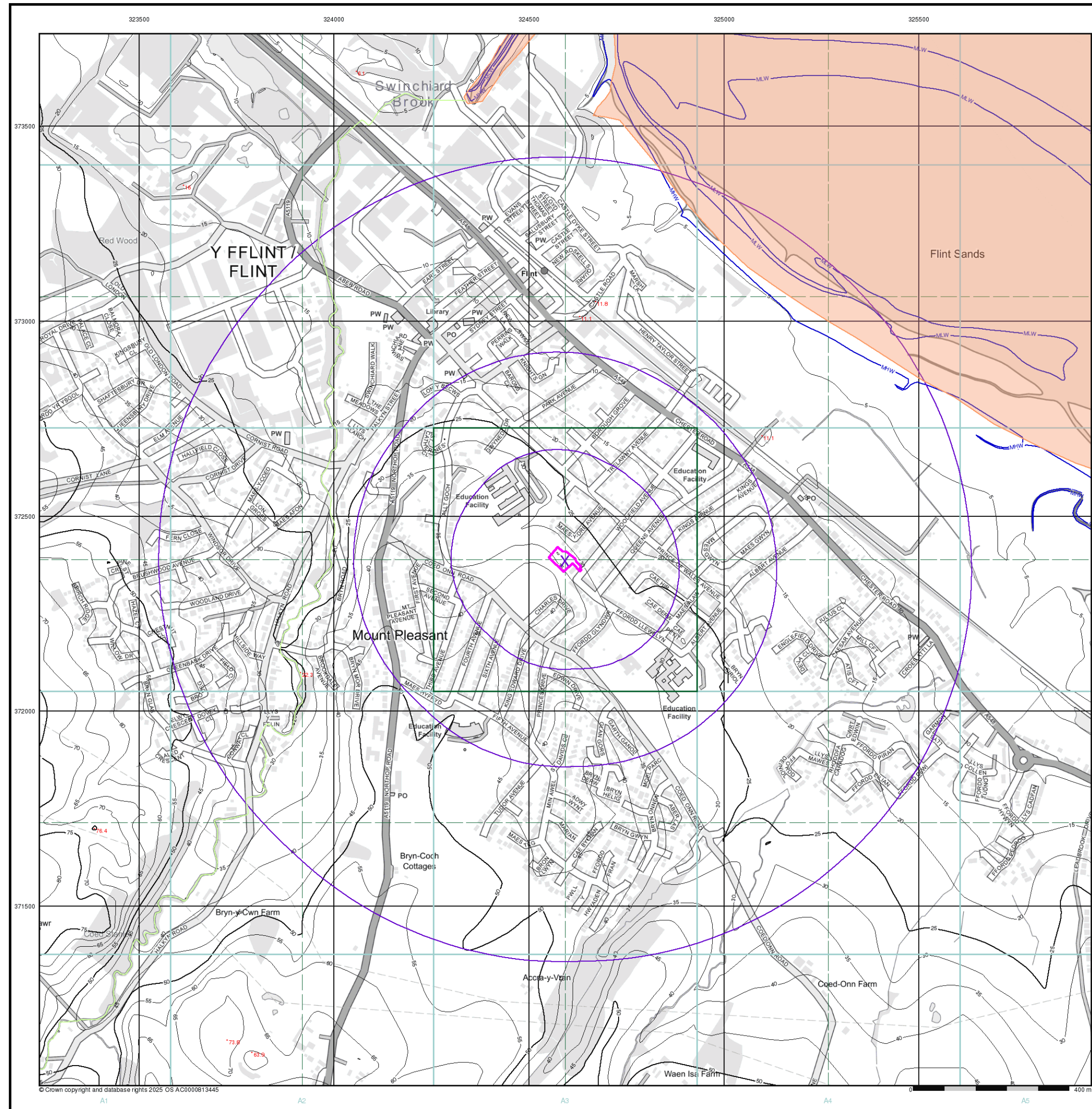


Order Details

Order Number: 372281214_1_1
Customer Ref: 16445
National Grid Reference: 324590, 372380
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 1000

Site Details

Site at 324590, 372390



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WFD Surface Waters Map

General

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

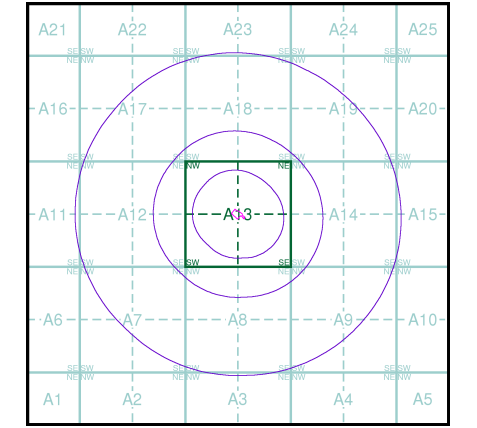
Water Framework Directive - Surface Water Quality

- High
- Good
- Moderate
- Poor
- Bad

Contours (height in meters)

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

WFD Surface Waters Map - Slice A

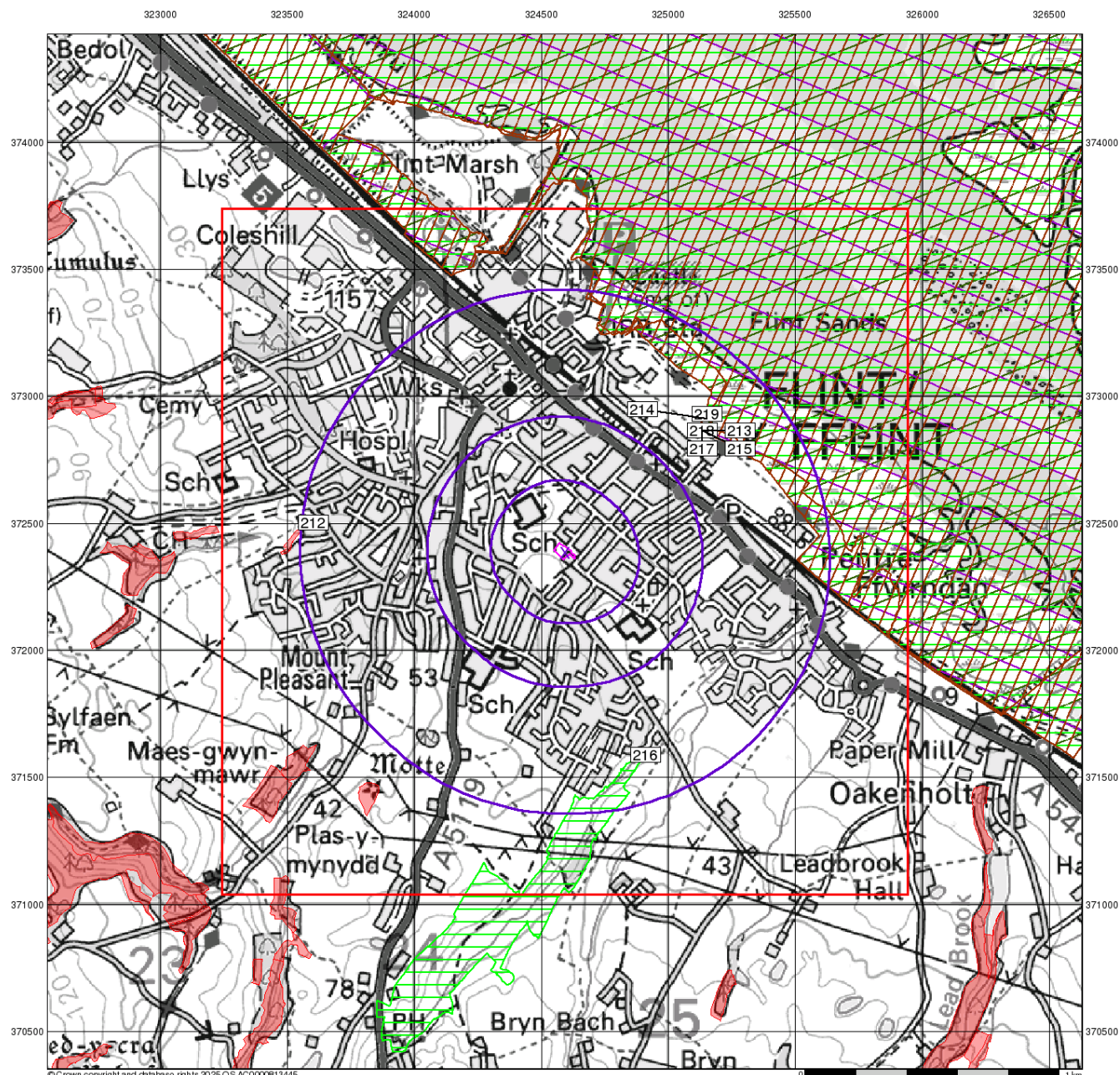


Order Details

Order Number: 372281214_1_1
Customer Ref: 16445
National Grid Reference: 324590, 372380
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 1000

Site Details

Site at 324590, 372390



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Sensitive Land Uses

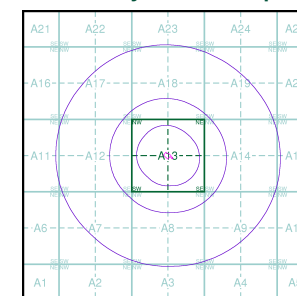
General

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

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 372281214_1
 Customer Ref: 16445
 National Grid Reference: 324590, 372380
 Slice: A
 Site Area (Ha): 0.26
 Search Buffer (m): 1000

Site Details

Site at 324590, 372390

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Appendix E Unexploded Bomb Mapping

UNEXPLODED BOMB RISK MAP



SITE LOCATION

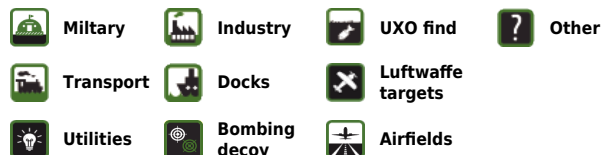
Location: CH6 5JQ,
Map Centre: 324702,372410



This map principally indicates a hazard from Unexploded Bombs (UXB) due to WWII bombardment. Other sources of Unexploded Ordnance (UXO) may be present. It should be noted that this map does not represent UXO risk and should not be reported as such when reproduced.

LEGEND

- High:** Areas indicated as having a bombing density of 50 bombs per 1000acre or higher.
- Moderate:** Areas indicated as having a bombing density of 15 to 49 bombs per 1000acre.
- Low:** Areas indicated as having 15 bombs per 1000acre or less.



How to use your Unexploded Bomb (UXB) risk map?

This map indicates the potential for UXBs to be present because of World War Two (WWII) bombing. It can be incorporated into a technical report, such as a Phase 1 Desk Study, or similar document as an indication of the potential for UXO encounter on a Site. Other sources of UXO may also be indicated, although note that these are not comprehensive and more detailed research is required to confirm their presence.

What if my Site is in a moderate or high density area?

We typically recommend that a detailed UXO desk study and risk assessment is undertaken for sites in an area with a moderate or high bombing density. Additionally, if your site is in close proximity to a strategic target, military establishment, airfield or bombing decoy, then [additional detailed research](#) is recommended.

If my site is in a low risk area, do I need to do anything?

If both the map and other research confirm that there is a low potential for UXO to be present on your site, then, subject to your own comfort and risk tolerance, works can proceed with no special precautions.

If you are unsure whether other sources of UXO may be present, you can request one of our [pre-desk study assessments \(PDSA\)](#) by emailing a site boundary and location to pdsa@zetica.com.

You should never plan site work or undertake a risk assessment using these maps alone. More detail is required, to include an assessment of the likelihood of a source of UXO hazard from other military activity not reflected on these maps.

If I have any questions, who do I contact?

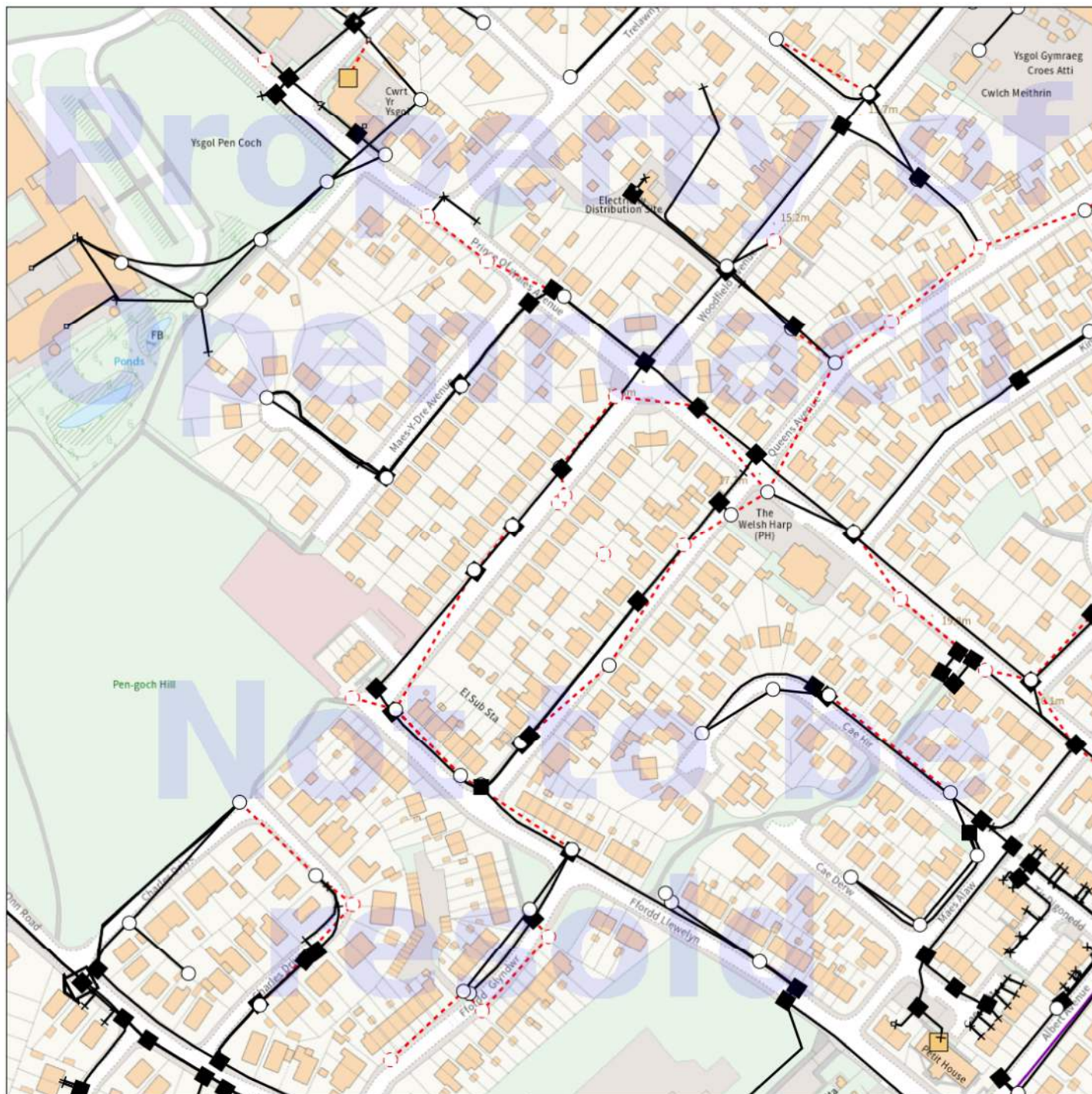
tel: [+44 \(0\) 1993 886682](tel:+441993886682) email: uxo@zetica.com web: www.zeticauxo.com

The information in this UXB risk map is derived from a range of sources and should be used with the [accompanying notes on our website](#).

Zetica cannot guarantee the accuracy or completeness of the information or data used and cannot accept any liability for any use of the maps. These maps can be used as part of a technical report or similar publication, subject to acknowledgement. The copyright remains with Zetica Ltd.

Appendix F Utility Searches

Maps on Demand Plant Information Reply



IMPORTANT WARNING

Information regarding the location of BT apparatus is given for your assistance and is intended for general guidance only. No guarantee is given of its accuracy. It should not be relied upon in the event of excavations or other works being made near to BT apparatus which may exist at various depths and may deviate from the marked route.

 **openreach**

CLICK BEFORE YOU DIG

FOR PROFESSIONAL FREE ON SITE ASSISTANCE PRIOR TO COMMENCEMENT OF EXCAVATION WORKS INCLUDING LOCATE AND MARKING SERVICE

email cbyd@openreach.co.uk

ADVANCE NOTICE REQUIRED
(Office hours: Monday - Friday 08.00 to 17.00)
www.openreach.co.uk/cbyd

Accidents happen

If you do damage any Openreach equipment please let us know by calling 0800 023 2023 (opt 1 + opt 1) and we can get it fixed ASAP

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KEY TO BT SYMBOLS

	Planned	Live	Change Of State	+	Hatchings	
PCP			Split Coupling	×	Built	
Pole			Duct Tee	▲	Planned	
Box			Building		Inferred	
Manhole			Kiosk		Duct	
Cabinet			Other proposed plant is shown using dashed lines. BT Symbols not listed above may be disregarded. Existing BT Plant may not be recorded. Information valid at time of preparation. Maps are only valid for 90 days after the date of publication.			
	Pending Add	In Place	Pending Remove	Not In Use		
Power Cable						
Power Duct				N/A		

BT Ref : LTU09493X

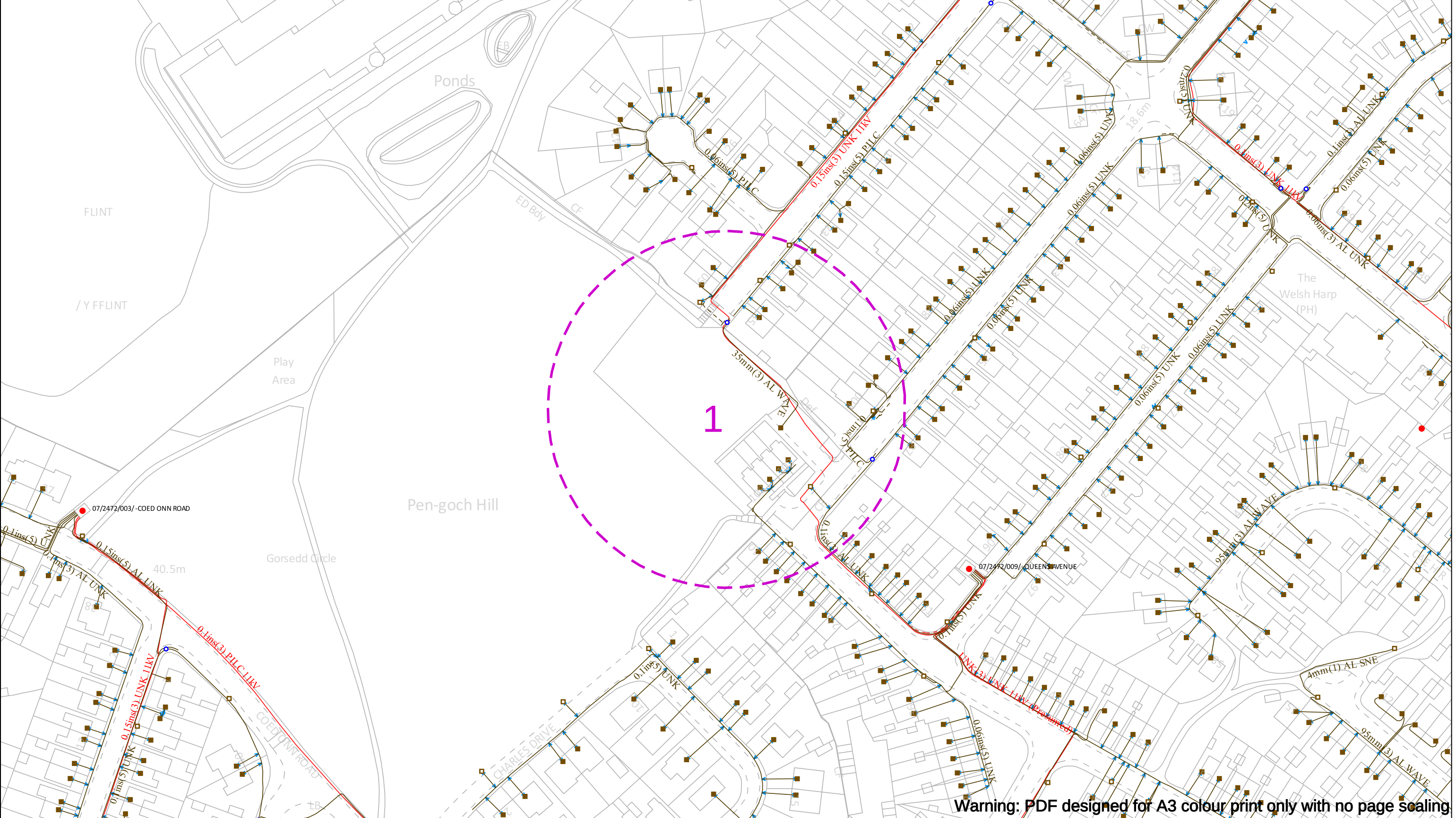
Map Reference : (centre) SJ2470272410

Easting/Northing : (centre) 324702,372410

Scale : 1:500

Issued : 21/03/2025 09:49:45

WARNING: IF PLANNED WORKS FALL INSIDE HATCHED AREA IT IS ESSENTIAL BEFORE PROCEEDING THAT YOU CONTACT THE NATIONAL NOTICE HANDLING CENTRE. PLEASE SEND E-MAIL TO: nnhc@openreach.co.uk



Date Requested: 21/03/2025
Job Reference: 36706386
Site Location: 324598 372377
Requested by:
Mr Harry Thomas
Your Scheme/Reference:
16445-Former Working Men's
Club, Flint

Scale: 1:1250 (When plotted at A3)

IMPORTANT NOTICES

- This information shown on this plan is indicative only and its accuracy cannot be guaranteed.
- The plan only shows assets owned by SP Energy Networks.
- Positions and depths of cables may have altered since being recorded. A line on a plan may represent more than one cable. Normally electric cables are laid at depths between 450mm and 1m but depths may have changed if land surface levels have since altered.
- The plan may not show, or may inaccurately show, individual property services and services to street lighting installations. Underground services may be found in roads, footpaths and on sites. Always assume that they are present for each property, lamp column and street sign etc and treat any services found anywhere as live.
- You must use safe digging practices in accordance with HS(G)47 to establish the actual position of mains cables, services and other apparatus before any mechanical excavation is used.
- Where overhead lines cross your site, you must comply with the requirements of Health & Safety Executive guidance as laid down in GS6, Avoidance of Danger from Overhead Electric Lines.
- Any works that fall within 5m of any 132kv or Transmission cables, or within 15m of any 132kV or Transmission OHL's, please contact our General Enquiries Team **0845 273 4444 / 0330 10 10 444** for further safety advice.
- In the event of an emergency or for further assistance contact **0800-092-9290 (Central & Southern Scotland)** or **0800-001-5400 (Merseyside, Cheshire & North Wales)** or by dialling **105**
- It is your responsibility to ensure this information is provided to all persons working near our plant.

100m

Underground Cables

In Use

Out of Use

Assumed Route

Warning - Shallow Cables

Dig Sites

Area:

Line:

Overhead Line

LV

HV (6kV/6.6kV)

HV (22kV/11kV)

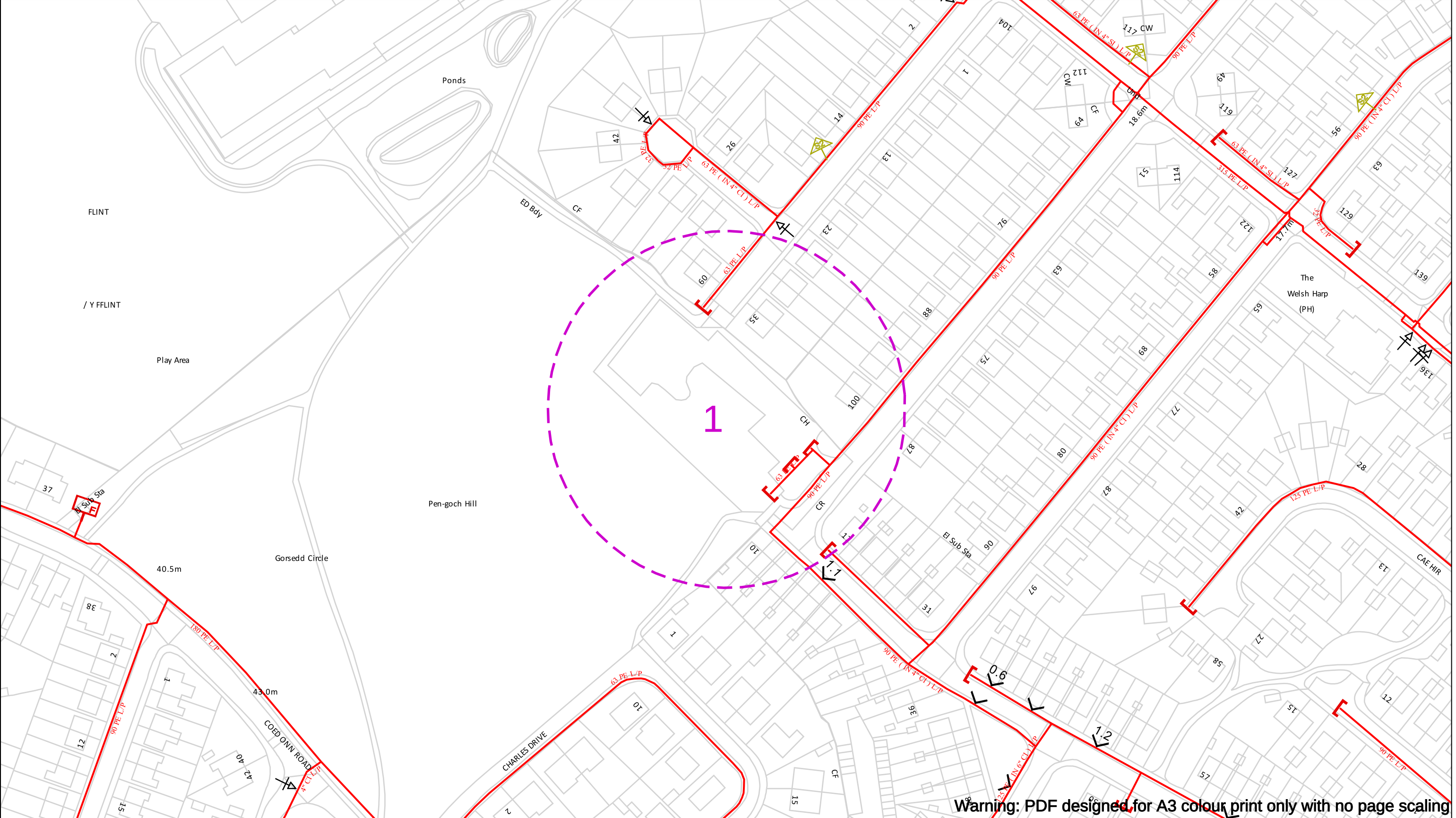
EHV (33kV)

Trans (132kV/275kV/400kV)

Non Power Cable

Duct

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Warning: PDF designed for A3 colour print only with no page scaling

Contact Us
Mapping Enquiries: 02920 278 912
General Enquiries: 0800 912 2999

Date Requested: 21/03/2025
Job Reference: 36706386
Site Location: 324598 372377
Requested by:
Mr Harry Thomas
Your Scheme/Reference: 16445-
Former Working Men's Club, Flint

Scale: 1:1250 (When plotted at A3)

IMPORTANT NOTICES

- This information is given as a guide only and its accuracy cannot be guaranteed
- The plan only shows those pipes owned by Wales & West Utilities (WWU) as its role as a licensed Gas Transporter
- Service pipes, valves, syphons, stub connections etc. may not be shown but their presence should be anticipated
- You must use safe digging practices in accordance with HS(G)47 to establish the actual position of mains, services and other apparatus before any mechanical excavation is used
- It is your responsibility to ensure this information is provided to all persons working near our plant
- If in doubt call the WWU dig team on 02920 278912

In case of an emergency call 0800 111 999

100m

Dig Sites	Area: Line:	
	Low Pressure (LP) 21mbar – 75mbar	
	Medium Pressure (MP) 350mbar – 2bar	
	Intermediate Pressure (IP) 2bar – 7bar	
	High Pressure (HP) >7bar	

	Line/Fire Valve
	Governor Station
	Change of Diameter
	End Cap
	Depth of cover

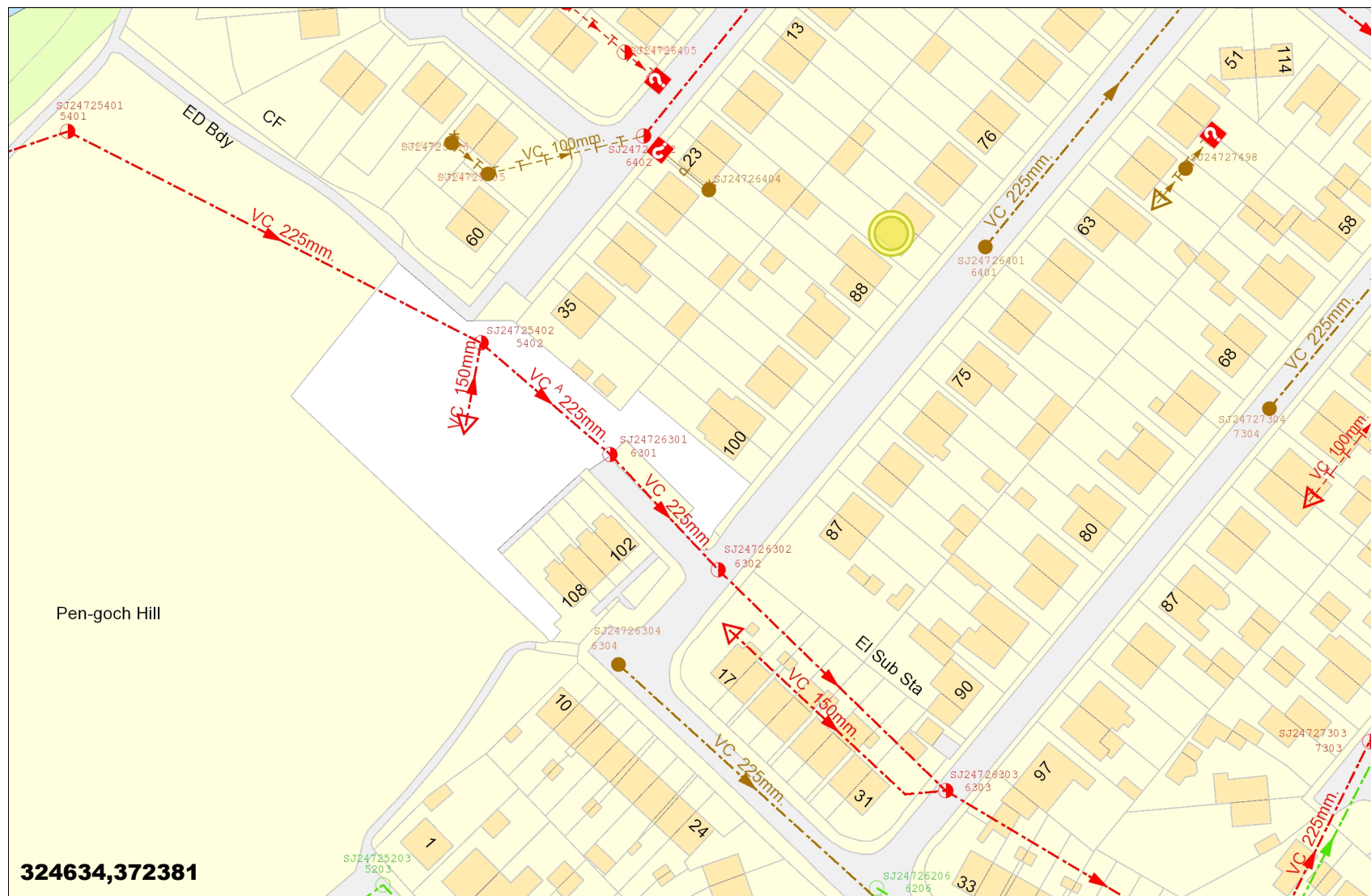
Smell gas?
Call the Gas Emergency Service on
0800 111 999.

Dial
before you start work.
Call **029 2027 8912**

Investigate
Before you dig, make sure
you know what's below.

Go ahead
Done your research?
Now you can dig safely.

We need
10 days' notice



LEGEND

Clean Water

- Sluice Val
- Air Val, SINGLE
- Tap
- Pressure Reducing Valve
- Meter
- BULK Meter
- FH
- Cap
- Existing Main
- NON COMPANY

Sewerage External

- Foul
- Surface Water
- Combined
- Rising Main
- Private
- Treatment Works
- Pumping Station
- Special Purpose
- Unknown End
- Change, Combined Overflow
- Outfall, FOUL
- Lamp Hole, Foul
- Private Sewer Transfer
- Lateral Drain
- Inspection Chamber

324634,372381

Dwr Cymru Cyfyngedig ('the Company') gives this information as to the position of its underground apparatus by way of general guidance only and on the strict understanding that it is based on the best information available and no warranty as to its correctness is relied upon in the event of excavations or other works made in the vicinity of the company's apparatus and any onus of locating the apparatus before carrying out any excavations rests entirely on you. The information which is supplied hereby the company, is done so in accordance with statutory requirements of sections 198 and 199 of the water industry Act 1991 based upon the best information available and in particular, but without prejudice to the generality of the foregoing, it should be noted that the records that are available to the Company may not disclose the existence of a drain sewer or disposal main laid before 1 September 1989, or if they do, the particulars thereof including their position underground may not be accurate. It must be understood that the furnishing of this information is entirely without prejudice to the provision of the New Roads and Street Works Act 1991 and the company's right to be compensated for any damage to its apparatus.

**EXACT LOCATION OF
ALL APPARATUS TO
BE DETERMINED ON
SITE**

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Whilst every reasonable effort has been taken to correctly record the pipe material of DCWW assets, there is a possibility that in some cases pipe material (other than Asbestos Cement or Pitch Fibre) may be found to be Asbestos Cement (AC) or Pitch Fibre (PF). It is therefore advisable that the possible presence of AC or PF pipes be anticipated and considered as part of any risk assessment prior to excavation



LEGEND

Clean Water

- Sluice Val
- Air Val, SINGLE
- Tap
- Pressure Reducing Valve
- Meter
- BULK Meter
- FH
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324634,372381

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Enquirer

Name	Mr Harry Thomas	Phone	01824702220
Company	Waterco	Mobile	Not Supplied
Address	Eden Court Lon Parcwr Industrial estate Ruthin Denbigshire LL15 1NJ		
Email	harry.thomas@waterco.co.uk		

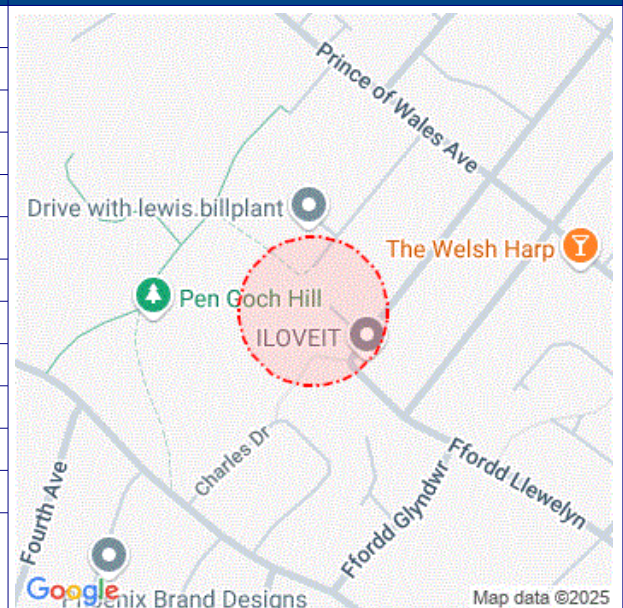
Enquiry Details

Enquiry type	Initial Enquiry
Work category	Utility Works
Work type	Multiple excavations site (1.5m or shallower)
Work type buffer*	25 metres
Start date	22/03/2025
End date	22/03/2025
Scheme/Reference	16445-Former Working Men's Club, Flint
Search location	CH65JQ
Confirmed location	324598 372377
Site size	125 metres diameter
Site Contact Name	Not Supplied
Site Phone No.	Not Supplied

Description of Works

* The WORK TYPE BUFFER is a distance added to your search area based on the Work type you have chosen.

Site Map



Please note that the above map only displays the location of the proposed work site and will not display any of the Members' pipes and cables. It is imperative that this area accurately reflects the proposed work site.

Affected LSBUD members

(LSBUD Members who have assets registered on LSBUD within the vicinity of your search area.)

Do not proceed until all Members listed below have confirmed that your works can continue.

Asset Owner	Phone/Email	Emergency Only	Status
SP Energy Networks	08452734444	08000929290 / 105	Await response
Wales and West Utilities	02920278912	0800111999	Await response

Status explanation

Await Response means that the asset owner will contact you. This is typically by sending the plan response but they may ask for further information before being able to do so, particularly if any payments or authorisations are required.

Email Additional Info means that the asset owner needs further information about your works to assess your enquiry before providing a response. Please provide any details you have available including plans, method statements etc. if available.

Important notices

It is very important that you correctly understand what the service does and the procedures in order for you to work safely. Please refer to the LSBUD Support Page (www.lsbud.co.uk/lineasearchbeforeudig-support) for further guidance.

This information includes how to provide additional information to the LSBUD Members who request it to provide a response to your enquiry.

Validity and search criteria. The results of this enquiry are based on the confirmed information you entered and are valid only as at the date and time of the enquiry. It is your responsibility to ensure that the Enquiry Details are correct, and LineasearchbeforeUdig (LSBUD) accepts no responsibility for any errors or omissions in the Enquiry Details or any consequences thereof. LSBUD Members update their asset information on a regular basis so you are advised to consider this when undertaking any works. It is your responsibility to choose the period of time after which you need to resubmit any enquiry but the maximum time (after which your enquiry will no longer be dealt with by the LSBUD Helpdesk and LSBUD Members) is 28 days. If any details of the enquiry change, particularly including, but not limited to, the location of the work, then a further enquiry must be made.

Terms and Conditions. Please note that this enquiry is subject always to our standard terms and conditions available at www.lsbud.co.uk ("Terms of Use") and the disclaimer at the end of this document. Please note that in the event of any conflict or ambiguity between the terms of this Enquiry Confirmation and the Terms of Use, the Terms of Use shall take precedence.

List of not affected LSBUD members (LSBUD Members who do not have assets registered on the LSBUD service within the vicinity of your search area.)

AllPoints Fibre	Angus Energy	AWE Pipeline
B & D Energy Limited	Balfour Beatty Investments Limited	BOC Limited (A Member of the Linde Group)
Box Broadband	BP Exploration Operating Company Limited	BPA
Cadent Gas	Cambridge Water	Cambridgeshire County Council Climate Change and Energy Services
CATS Pipeline c/o Wood Group PSN	Cemex	Centrica Storage Ltd
CNG Services Ltd	Concept Solutions People Ltd	ConocoPhillips (UK) Teesside Operator Ltd
D.S.Smith	Diamond Transmission Corporation	DIO (MOD Live Pipelines)
Drax Power Limited	EDF Energy Renewables Ltd	EET Fuels
EirGrid	Eleclink Limited	Electricity North West Limited
Energy Assets Networks	ENI & Himor c/o Penspen Ltd	EnQuest NNS Limited
EP Langage Limited	ESB CCGT Power station (Carrington Gas Pipeline)	ESP Utilities Group
Esso Petroleum Company Limited	euNetworks Fiber UK Ltd	EXA Infrastructure
Exolum Pipeline System	Fulcrum Electricity Assets Limited	Fulcrum Pipelines Limited
G.Network Communication Ltd c/o JSM Group Ltd	Gamma	Gas Networks Ireland (UK)
Gateshead Energy Company	Gigaclear Ltd	Greenlink Interconnector Ltd
Harbour Energy	Heathrow Airport LTD	Humbly Grove Energy
IGas Energy	Impala Terminals Infrastructure Ltd	INEOS FPS Pipelines
INEOS Manufacturing (Scotland and TSEP)	INOVYN ChlorVinyls Limited	INOVYN Enterprises Limited
Intergen (Coryton Energy or Spalding Energy)	Kensa Utilities	Last Mile
Liverpool City Region Connect	Mainline Pipelines Limited	Manchester Jetline Limited
Manx Cable Company	Marchwood Power Ltd (Gas Pipeline)	Melbourn Solar Limited
MUA Group Limited	National Gas Transmission	National Grid Electricity Distribution
National Grid Electricity Transmission	National Grid Ventures	Neos Networks
Northern Gas Networks Limited	Northumbrian Water Group	NPower CHP Pipelines
NTT Global Data Centers EMEA UK Ltd	NYnet Ltd	Ogi
Oikos Storage Limited	Ørsted	Palm Paper Ltd
Perenco UK Limited (Purbeck Southampton Pipeline)	Petroineos	Phillips 66
Portsmouth Water	Premier Transmission Ltd (SNIP)	Redundant Pipelines - LPDA
RWE - Great Yarmouth Pipeline (Bacton to Great Yarmouth Power Station)	RWEnpower (Little Barford and South Haven)	SABIC UK Petrochemicals
SAS Utility Services Ltd	Scottish and Southern Electricity Networks	Scottish Power Generation
Seabank Power Ltd	SES Water	SGN

Shell	Shell NOP	South Staffs Water
Spring Fibre Limited	Squire Energy Networks	SSE Generation Ltd
SSE Transmission	SSE Utility Solutions Limited	Storengy
Sutton Bridge Power Generation	Tata Communications (c/o JSM Construction Ltd)	TfL – London Underground HV Cables (Road & Track Side Cables)
toob Limited	Total (Colnbrook) c/o Penspen	Total Finaline Pipelines
Transmission Capital	Trojan Energy Limited	UK Power Distribution
UK Power Networks	Uniper UK Ltd	University of Cambridge Granta Backbone Network
Vattenfall	Veolia ES SELCHP Limited	Veolia ES Sheffield Ltd
Voneus Limited	VPI Power Limited	Welsh Power
West of Duddon Sands Transmission Ltd	West Sussex OpenNetwork (Cooperative National Infrastructure)	Westminster City Council
Winnington CHP Ltd	Zayo Group UK Ltd c/o JSM Group Ltd	

Non-LSBUD members (Asset owners not registered on LSBUD)

(The following Non-LSBUD Members may have assets in your search area. It is YOUR RESPONSIBILITY to contact them before proceeding.

Please be aware this list is not exhaustive and it is your responsibility to identify and contact all asset owners within your search area.)

Asset Owner	Preferred contact method	Phone	Status
Bring Energy	nrsua@bringenergy.com	0800 130 3600	Not Notified
BT	https://www.swns.bt.com/pls/mbe/welcome.home	08000232023	Not Notified
CityFibre	asset.team@cityfibre.com	033 3150 7282	Not Notified
Colt	plantenquiries@catelecomuk.com	01227768427	Not Notified
Dwr Cymru Welsh Water	https://contact.dwrcymru.com/en	0800 917 2652	Not Notified
Flintshire Council (Street Lighting)	darell.jones@flintshire.gov.uk	01352704816	Not Notified
GTC	https://pe.gtc-uk.co.uk/PlantEnqMembership	01359240363	Not Notified
Lumen Technologies	plantenquiries@ocugroup.com	02087314613	Not Notified
Mobile Broadband Network Limited	mbnl.plant.enquiries@turntown.com	01212 621 100	Not Notified
Sky UK Limited	nrsua@sky.uk	02070323234	Not Notified
Sota	sota.plantenquiries@ocugroup.com		Not Notified
Utility assets Ltd	assetrecords@utilityassets.co.uk		Not Notified
Verizon Business	osp-team@uk.verizonbusiness.com	01293611736	Not Notified
Virgin Media	http://www.digdat.co.uk	08708883116	Not Notified
Vodafone	osm.enquiries@atkinsglobal.com	01454662881	Not Notified

Disclaimer

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The results of this Enquiry are personal to the Enquirer and shall not be shared with or relied upon by any other party. The asset information on which the Enquiry results are based has been provided by LSBUD Members, therefore LSBUD will provide no guarantee that such information is accurate or reliable nor does it monitor such asset information for accuracy and reliability going forward. There may also be asset owners which do not participate in the enquiry service operated by LSBUD, including but not exclusively those set out above. Therefore, LSBUD cannot make any representation or give any guarantee or warranty as to the completeness of the information contained in the enquiry results or accept any responsibility for the accuracy of the mapping images used. LSBUD and its employees, agents and consultants accept no liability (save that nothing in this Enquiry Confirmation excludes or limits our liability for death or personal injury arising from our negligence, or our fraud or fraudulent misrepresentation, or any other liability that cannot be excluded or limited by English law) arising in respect thereof or in any other way for errors or omissions including responsibility to any person by reason of negligence.

Appendix G Envirocheck Historic Mapping

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

	Gravel Pit		Sand Pit		Other Pits
	Quarry		Shingle		Orchard
	Osiers		Reeds		Marsh
	Mixed Wood		Deciduous		Brushwood
	Fir		Furze		Rough Pasture
	Arrow denotes flow of water		Trigonometrical Station		
	Site of Antiquities		Bench Mark		
	Pump, Guide Post, Signal Post		Well, Spring, Boundary Post		
	Surface Level				
	Sketched Contour		Instrumental Contour		
	Main Roads		Minor Roads		
	Sunken Road		Raised Road		
	Road over Railway		Railway over River		
	Railway over Road		Level Crossing		
	Road over River or Canal		Road over Stream		
	Road over Stream				
	County Boundary (Geographical)				
	County & Civil Parish Boundary				
	Administrative County & Civil Parish Boundary				
	County Borough Boundary (England)				
	County Burgh Boundary (Scotland)				
	Rural District Boundary				
	Civil Parish Boundary				

Ordnance Survey Plan 1:10,000

	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Bracken		Heath
	Marsh		Reeds
	Building		Glasshouse
	Sloping Masonry		Pylon
	Cutting		Embankment
	Road Under		Road Over
	Level Crossing		Foot Bridge
	Standard Gauge Multiple Track		Standard Gauge Single Track
	Siding, Tramway or Mineral Line		Narrow Gauge
	Geographical County		Administrative County, County Borough or County of City
	Municipal Borough, Urban or Rural District, Burgh or District Council		Borough, Burgh or County Constituency
	Civil Parish		
	Boundary Post or Stone		Police Station
	Church		Post Office
	Club House		Public Convenience
	Fire Engine Station		Public House
	Foot Bridge		Signal Box
	Fountain		Spring
	Guide Post		Telephone Call Box
	Mile Post		Telephone Call Post
	Mile Stone		Well

1:10,000 Raster Mapping

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

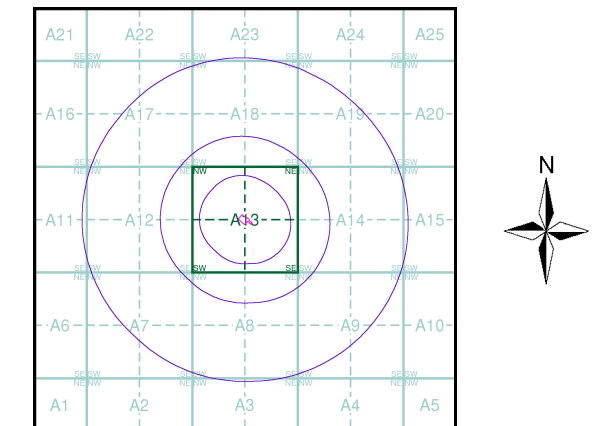
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LANDMARK INFORMATION GROUP®

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Flintshire	1:10,560	1871 - 1881	2
Cheshire	1:10,560	1882	3
Flintshire	1:10,560	1900	4
Cheshire	1:10,560	1900	5
Flintshire	1:10,560	1913 - 1914	6
Cheshire	1:10,560	1913	7
Cheshire	1:10,560	1938	8
Flintshire	1:10,560	1938	9
Flintshire	1:10,560	1954	10
Ordnance Survey Plan	1:10,000	1954	11
Ordnance Survey Plan	1:10,000	1963 - 1969	12
Ordnance Survey Plan	1:10,000	1969	13
Ordnance Survey Plan	1:10,000	1982 - 1983	14
Ordnance Survey Plan	1:10,000	1993	15
10K Raster Mapping	1:10,000	1999 - 2000	16
10K Raster Mapping	1:10,000	2006	17
VectorMap Local	1:10,000	2024	18

Historical Map - Slice A



Order Details

Order Number: 372281214_1_1
Customer Ref: 16445
National Grid Reference: 324590, 372380
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 1000

Site Details

Site at 324590, 372390

Landmark®
INFORMATION GROUP

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

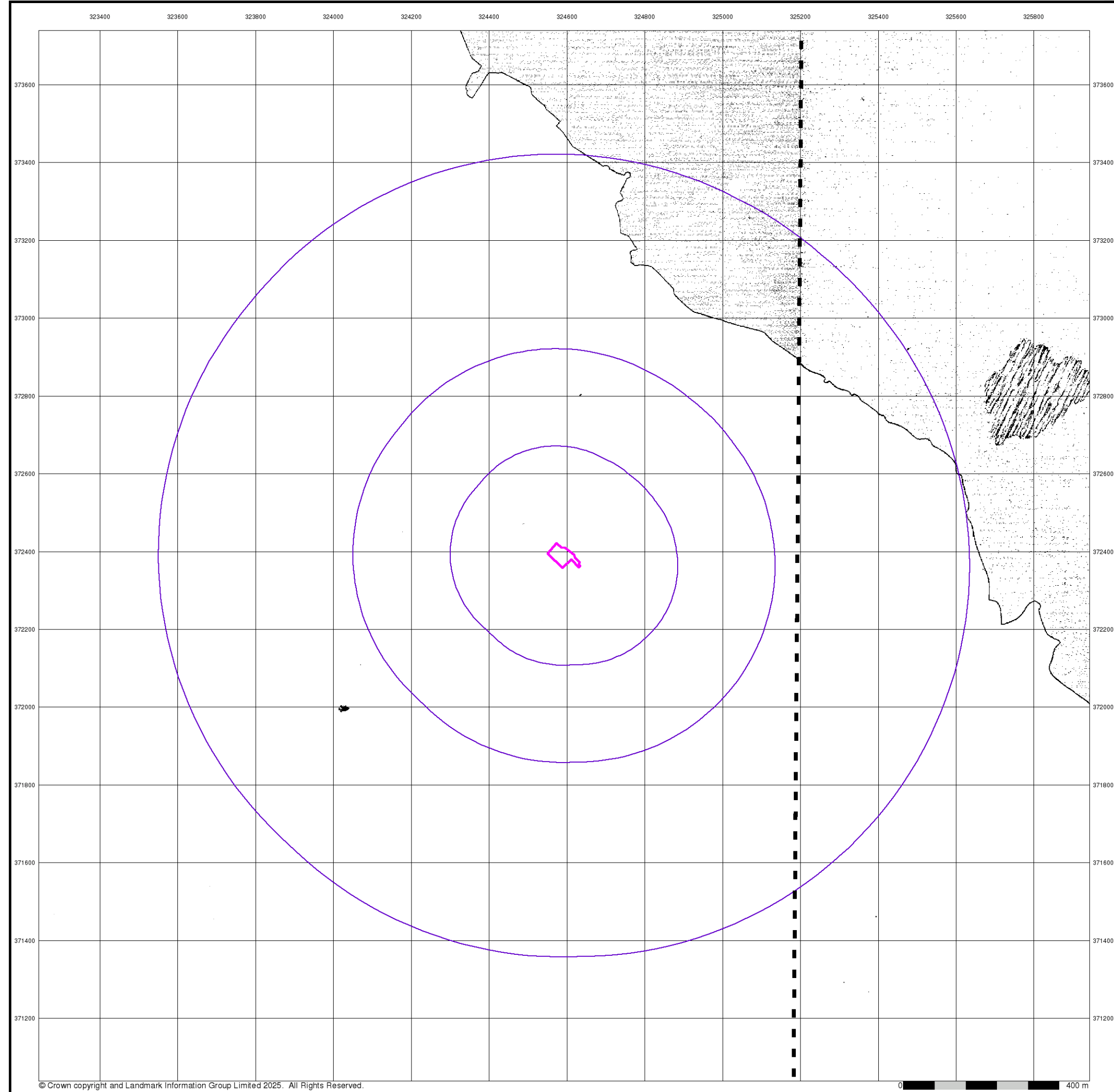
Published 1871 - 1881

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.

00600 1878 1:10,560	006A00 1878 1:10,560
00900 1881 1:10,560	01000 1871 1:10,560

Order Number: 372281214_1_1
Customer Ref: 16445
National Grid Reference: 324590, 372380
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 1000

Site at 324590, 372390



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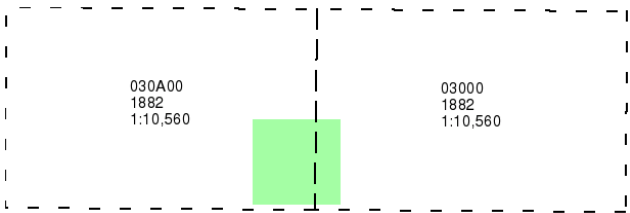
Cheshire

Published 1882

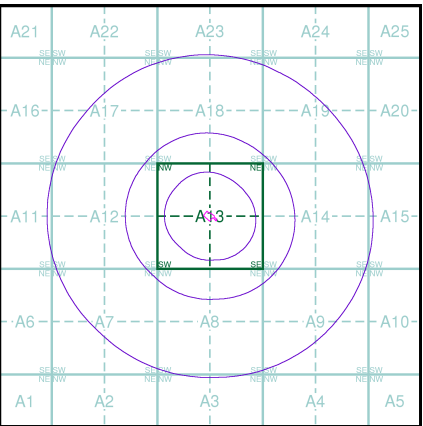
Source map scale - 1:10,560

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

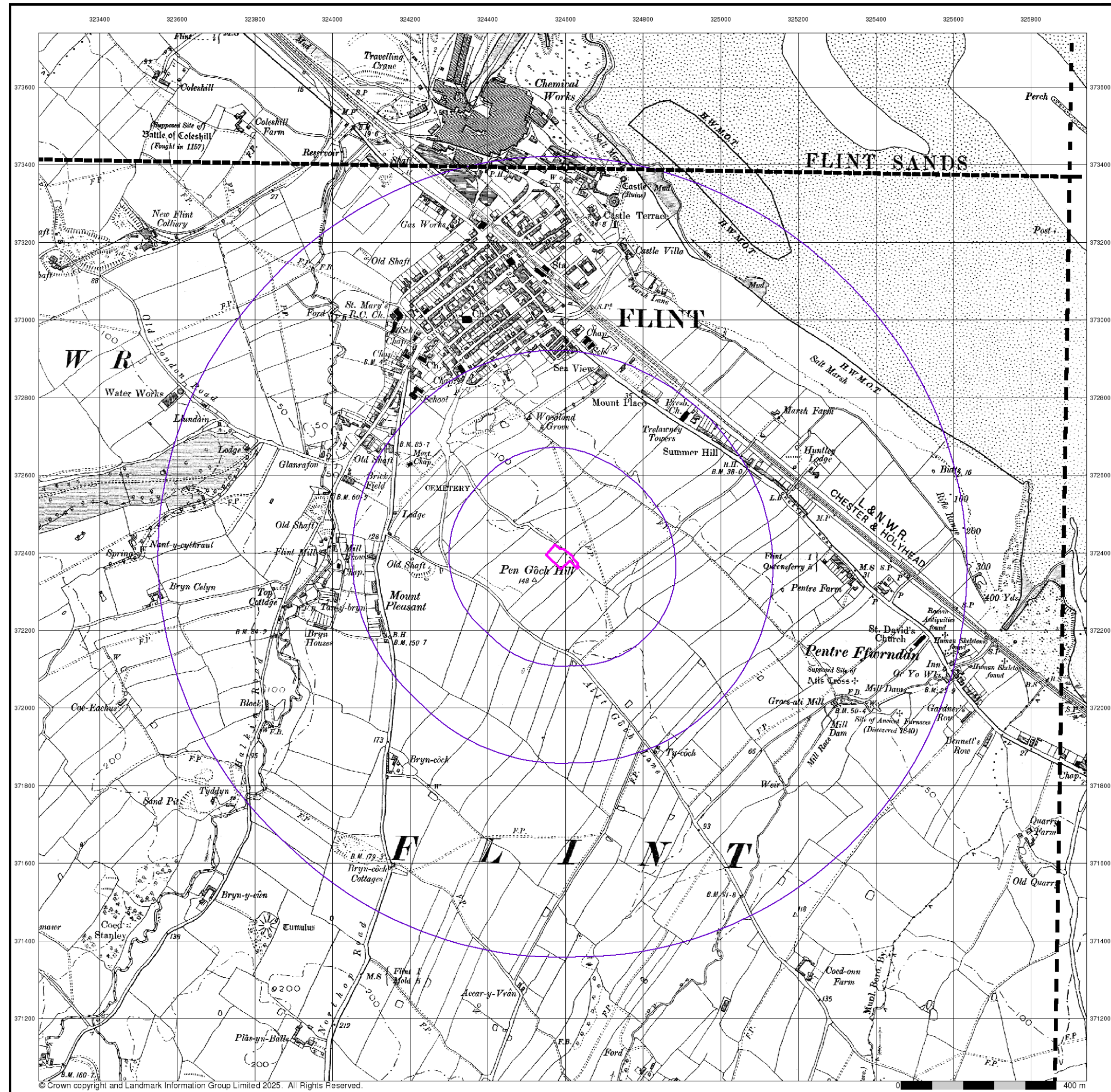
Order Number: 372281214_1_1
Customer Ref: 16445
National Grid Reference: 324590, 372380
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 1000

Site Details

Site at 324590, 372390

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



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Flintshire

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)

006SE 1900 1:10,560	006ASW 1900 1:10,560
009NE 1900 1:10,560	010NW 1900 1:10,560

Historical Map - Slice A

Order Details

Order Number:	372281214_1_1
Customer Ref:	16445
National Grid Reference:	324590, 372380
Slice:	A
Site Area (Ha):	0.26
Search Buffer (m):	1000

Site Details

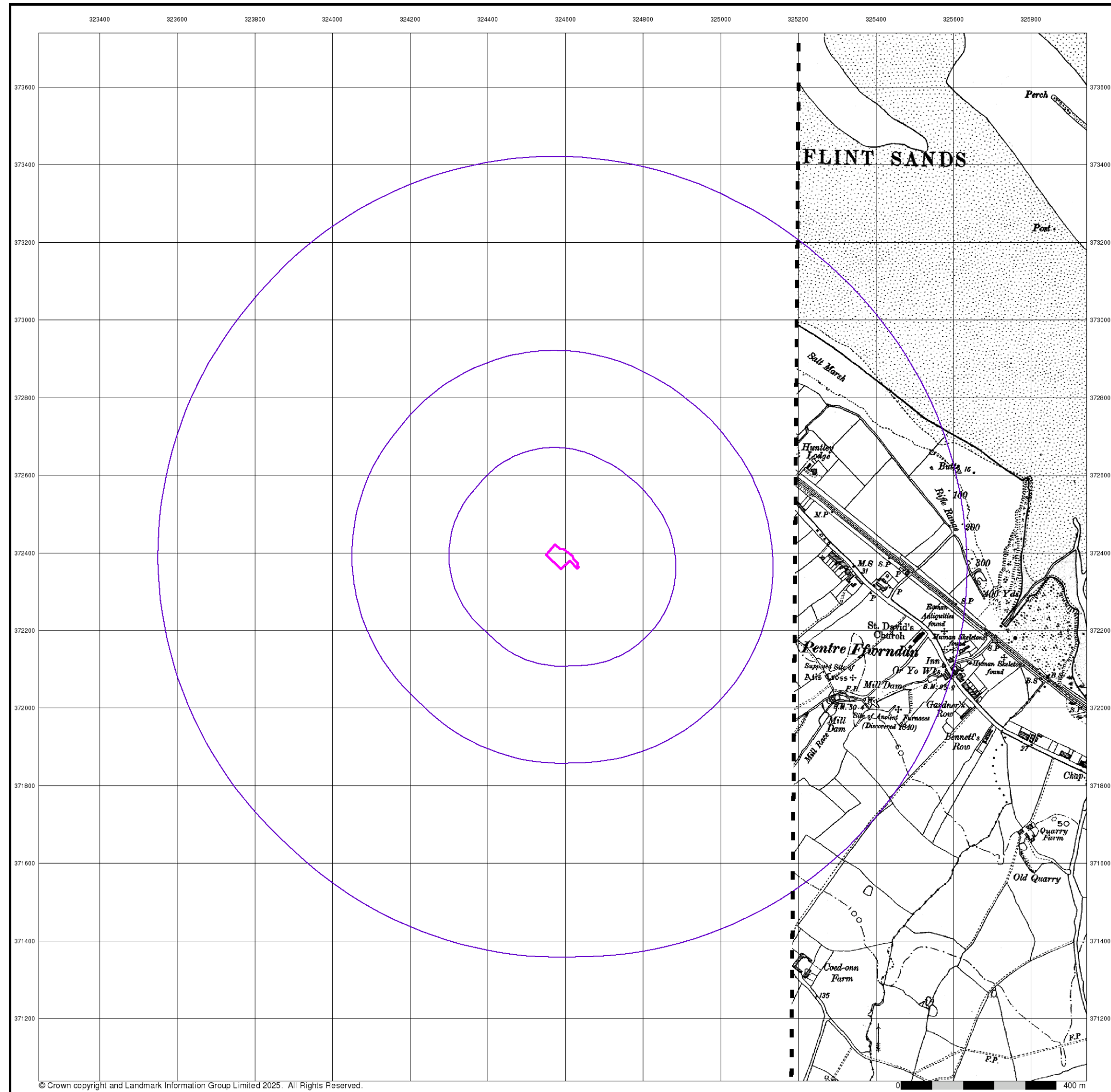
Site at 324590, 372390

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A Landmark Information Group Service v50.0 17-Mar-2025 Page 4 of 18



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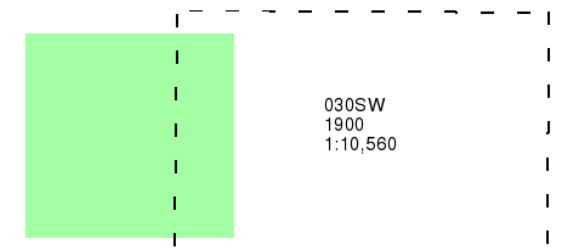
Cheshire

Published 1900

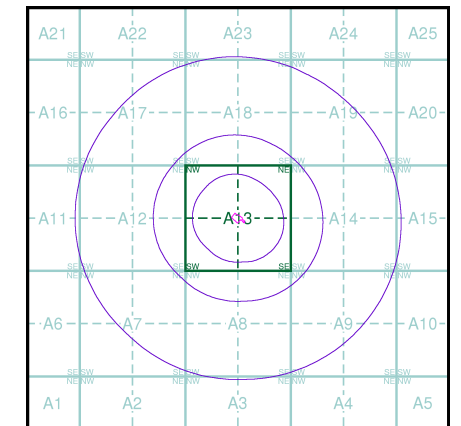
Source map scale - 1:10,560

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)



Historical Map - Slice A



Order Details

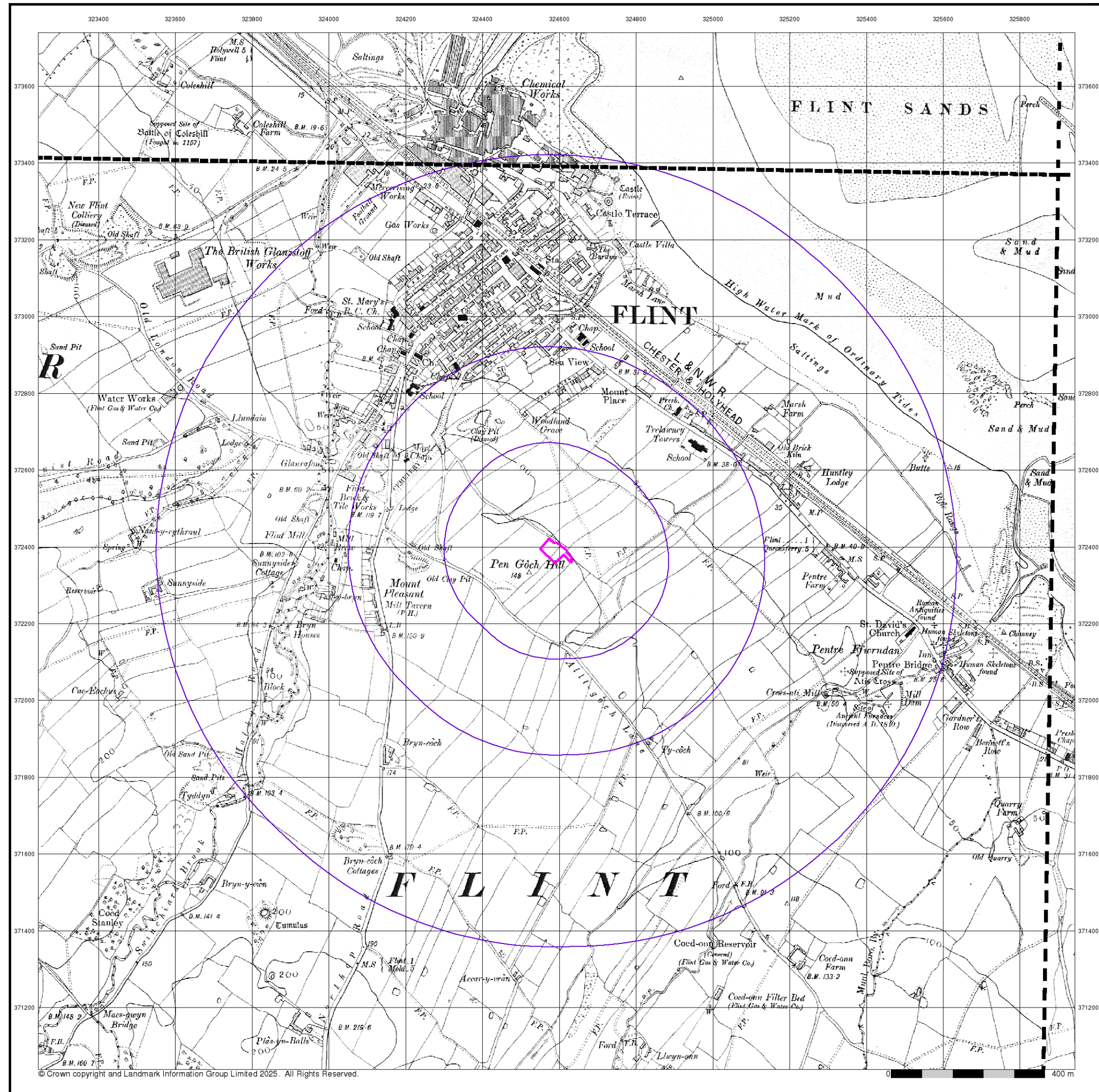
Order Number: 372281214_1_1
Customer Ref: 16445
National Grid Reference: 324590, 372380
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 1000

Site Details

Site at 324590, 372390

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Flintshire

Published 1913 - 1914

Source map scale - 1:10,560

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Map Name(s) and Date(s)

006SE 1914 1:10,560	006ASW 1914 1:10,560
009NE 1914 1:10,560	010NW 1913 1:10,560

Historical Map - Slice A

Order Details

Order Number:	372281214_1_1
Customer Ref:	16445
National Grid Reference:	324590, 372380
Slice:	A
Site Area (Ha):	0.26
Search Buffer (m):	1000

Site Details

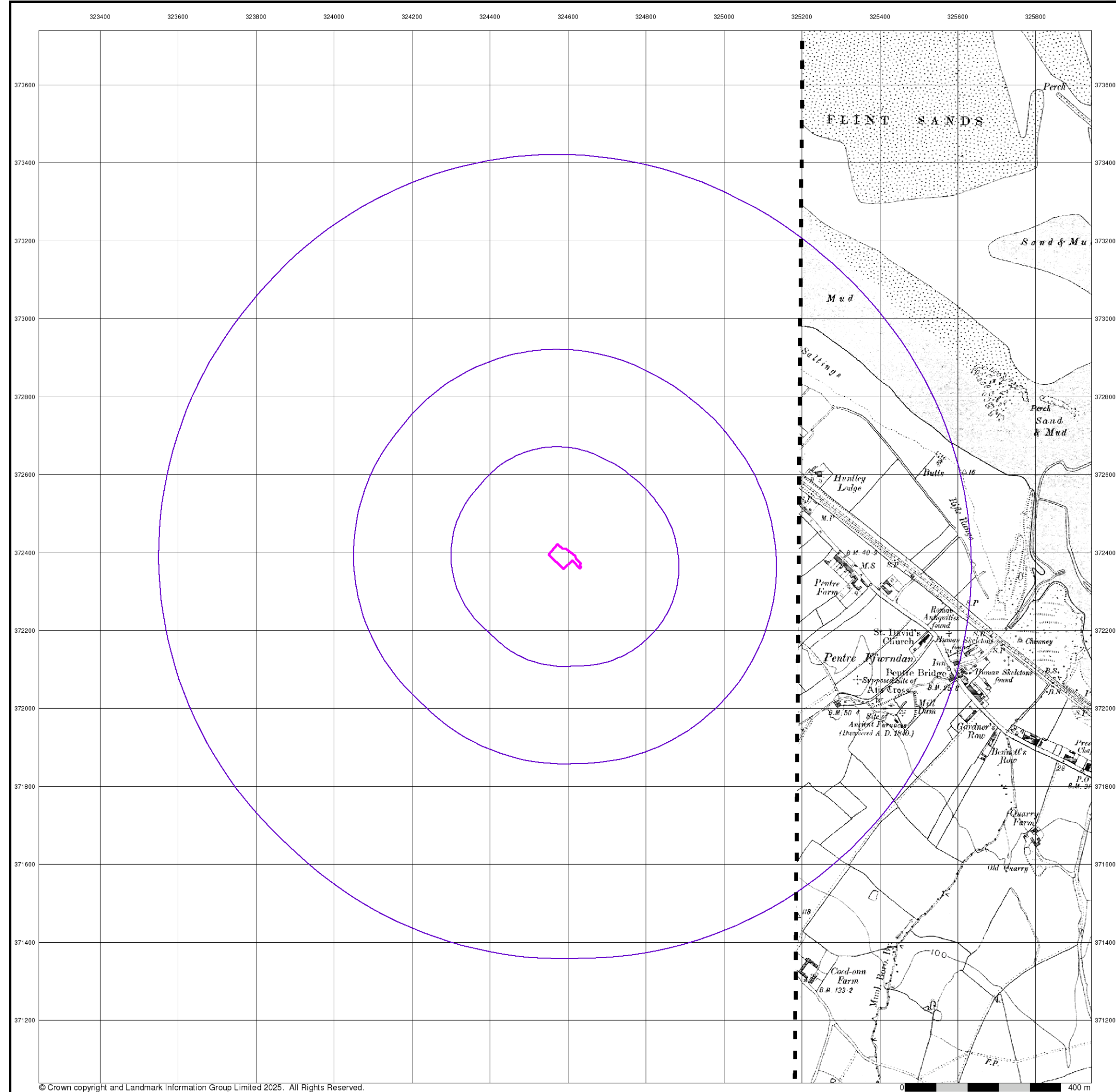
Site at 324590, 372390

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Cheshire

Published 1913

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)

030SW
1913
1:10,560

Historical Map - Slice A

N

Order Details

Order Number:	372281214_1_1
Customer Ref:	16445
National Grid Reference:	324590, 372380
Slice:	A
Site Area (Ha):	0.26
Search Buffer (m):	1000

Site Details

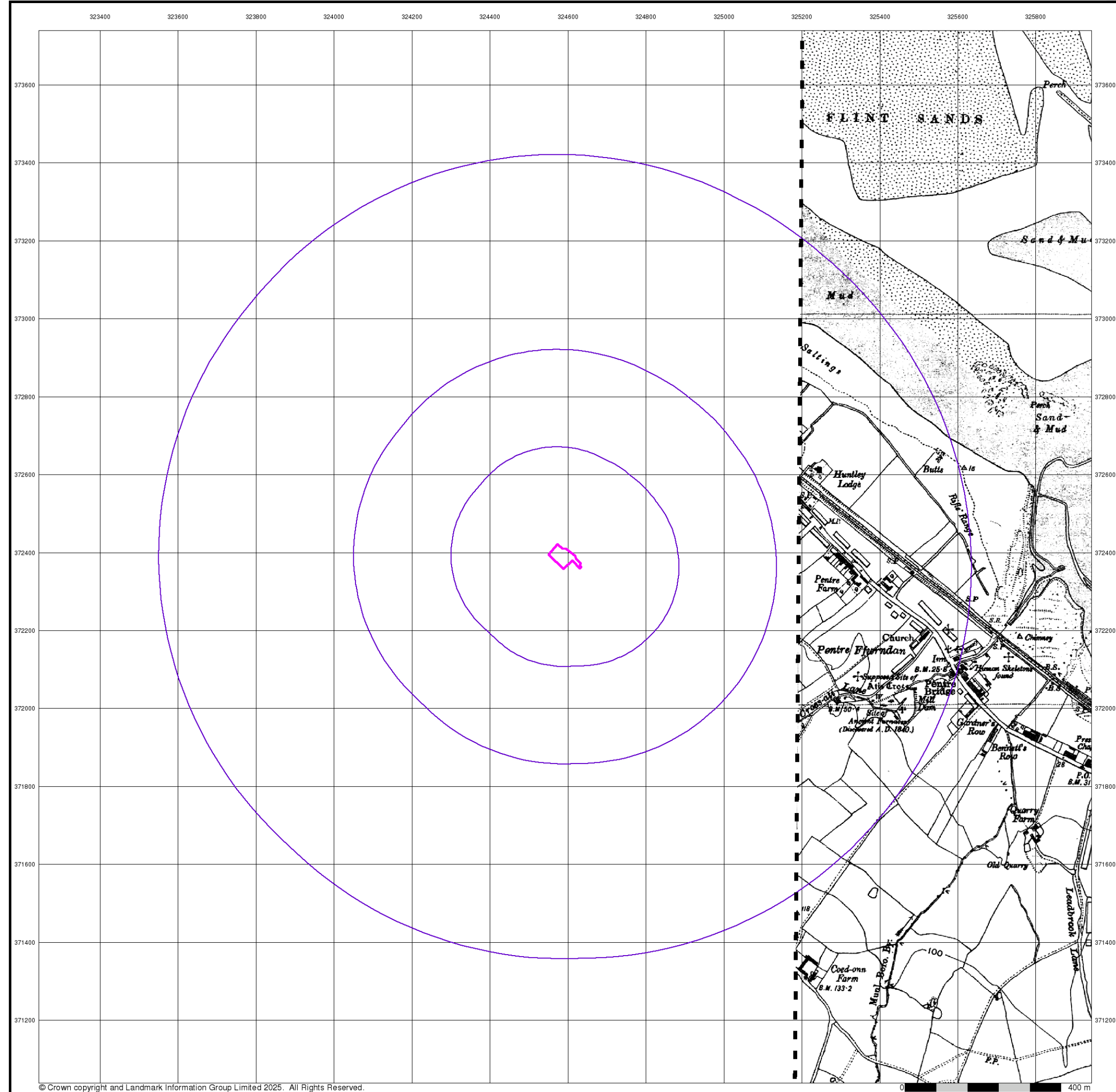
Site at 324590, 372390

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Cheshire

Published 1938

Source map scale - 1:10,560

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Map Name(s) and Date(s)

030SW
1938
1:10,560

Historical Map - Slice A

Order Details

Order Number:	372281214_1_1
Customer Ref:	16445
National Grid Reference:	324590, 372380
Slice:	A
Site Area (Ha):	0.26
Search Buffer (m):	1000

Site Details

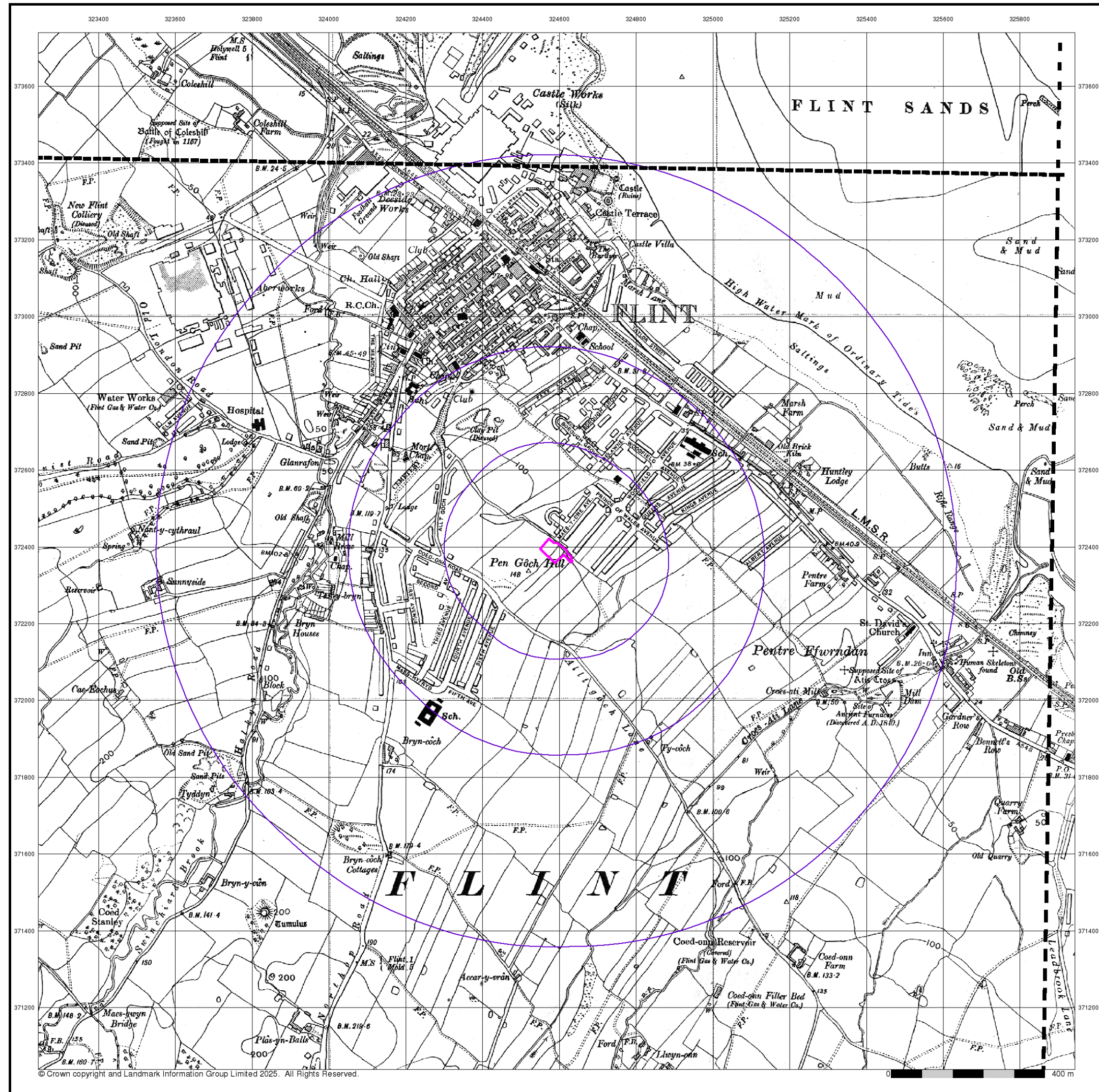
Site at 324590, 372390

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Flintshire

Published 1938

Source map scale - 1:10,560

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Map Name(s) and Date(s)

006SE 1938 1:10,560	009NE 1938 1:10,560	010NW 1938 1:10,560
---------------------------	---------------------------	---------------------------

Historical Map - Slice A

Order Details

Order Number:	372281214_1_1
Customer Ref:	16445
National Grid Reference:	324590, 372380
Slice:	A
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Search Buffer (m):	1000

Site Details

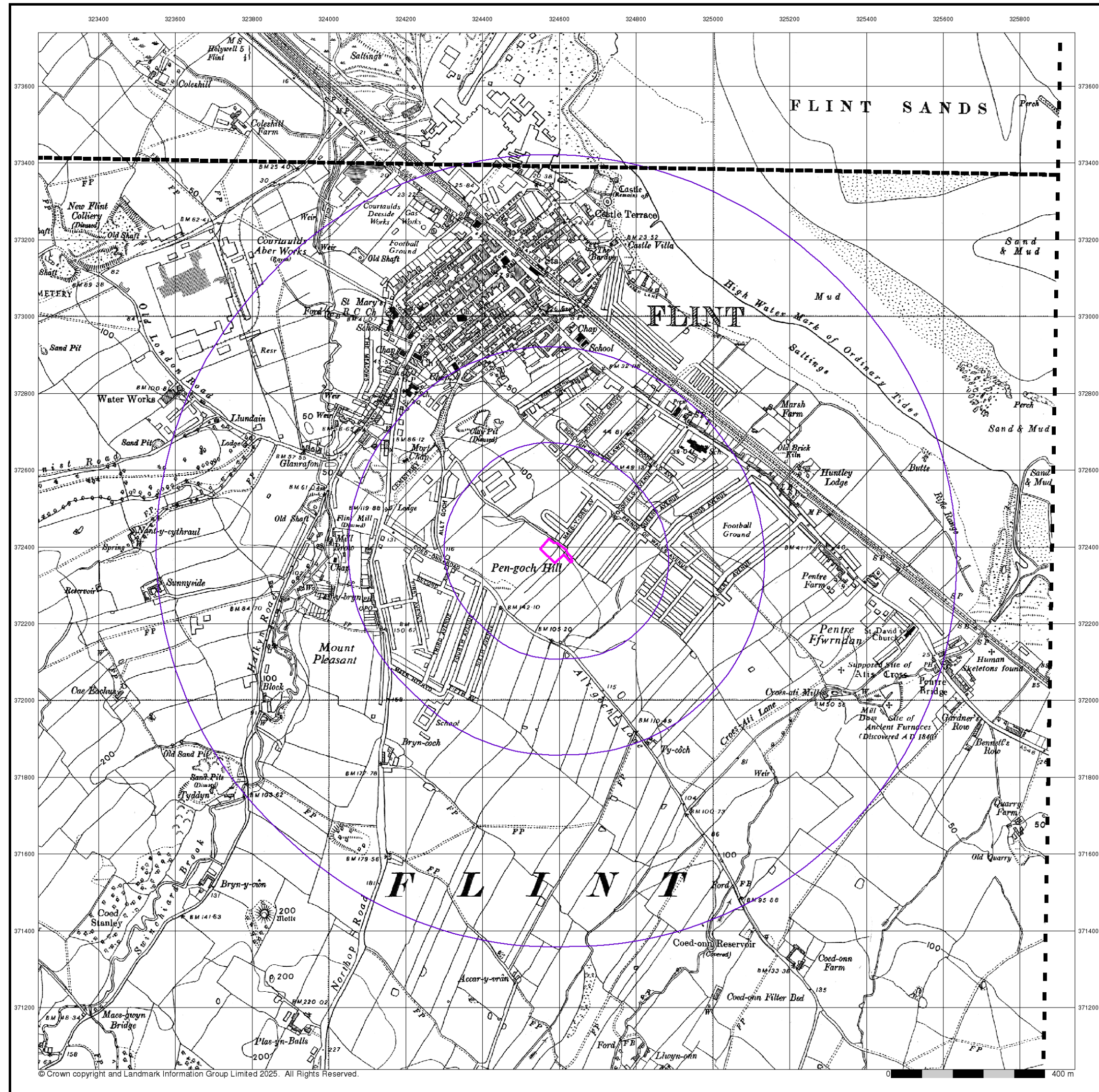
Site at 324590, 372390

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Flintshire

Published 1954

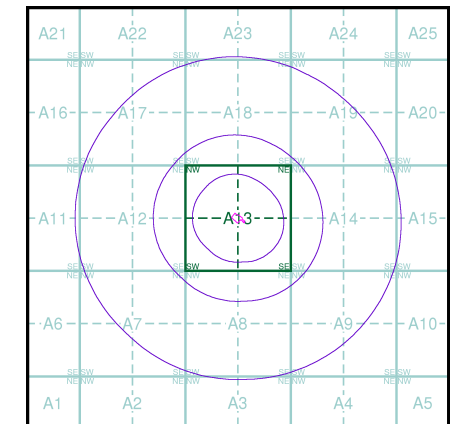
Source map scale - 1:10,560

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)

006SE
1954
1:10,560
009NE
1954
1:10,560

Historical Map - Slice A



Order Details

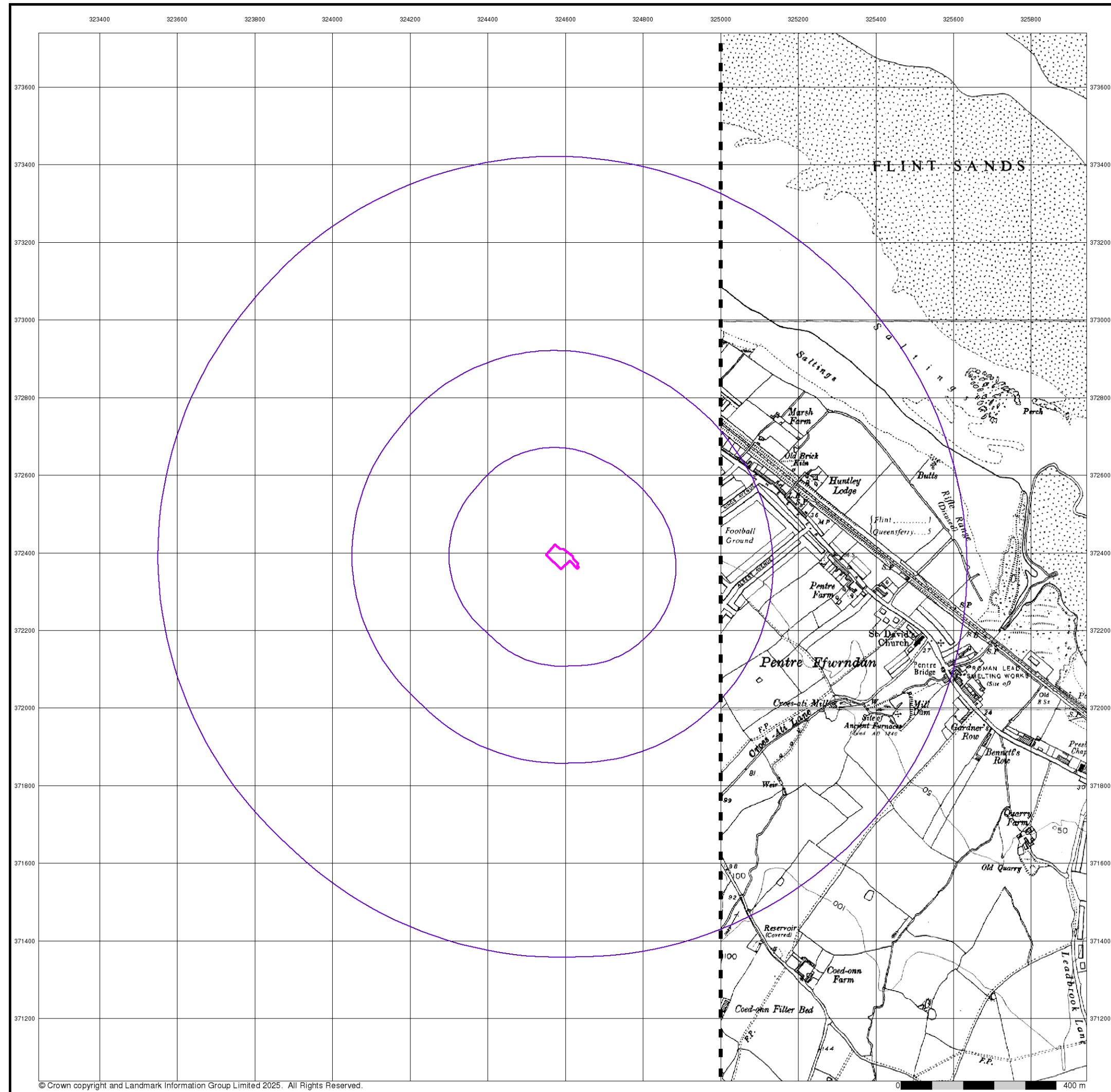
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Customer Ref: 16445
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Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 1000

Site Details

Site at 324590, 372390

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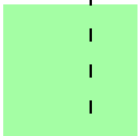
Ordnance Survey Plan

Published 1954

Source map scale - 1:10,000

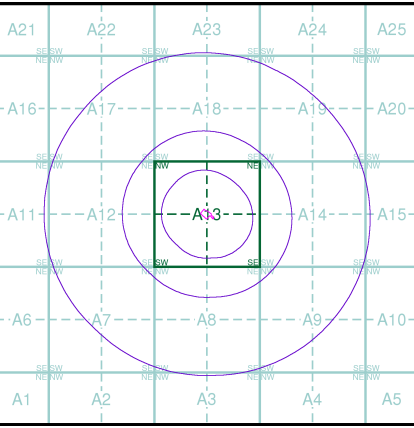
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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



SJ27SE
1954
1:10,560

Historical Map - Slice A



Order Details

Order Number:	372281214_1_1
Customer Ref:	16445
National Grid Reference:	324590, 372380
Slice:	A
Site Area (Ha):	0.26
Search Buffer (m):	1000

Site Details

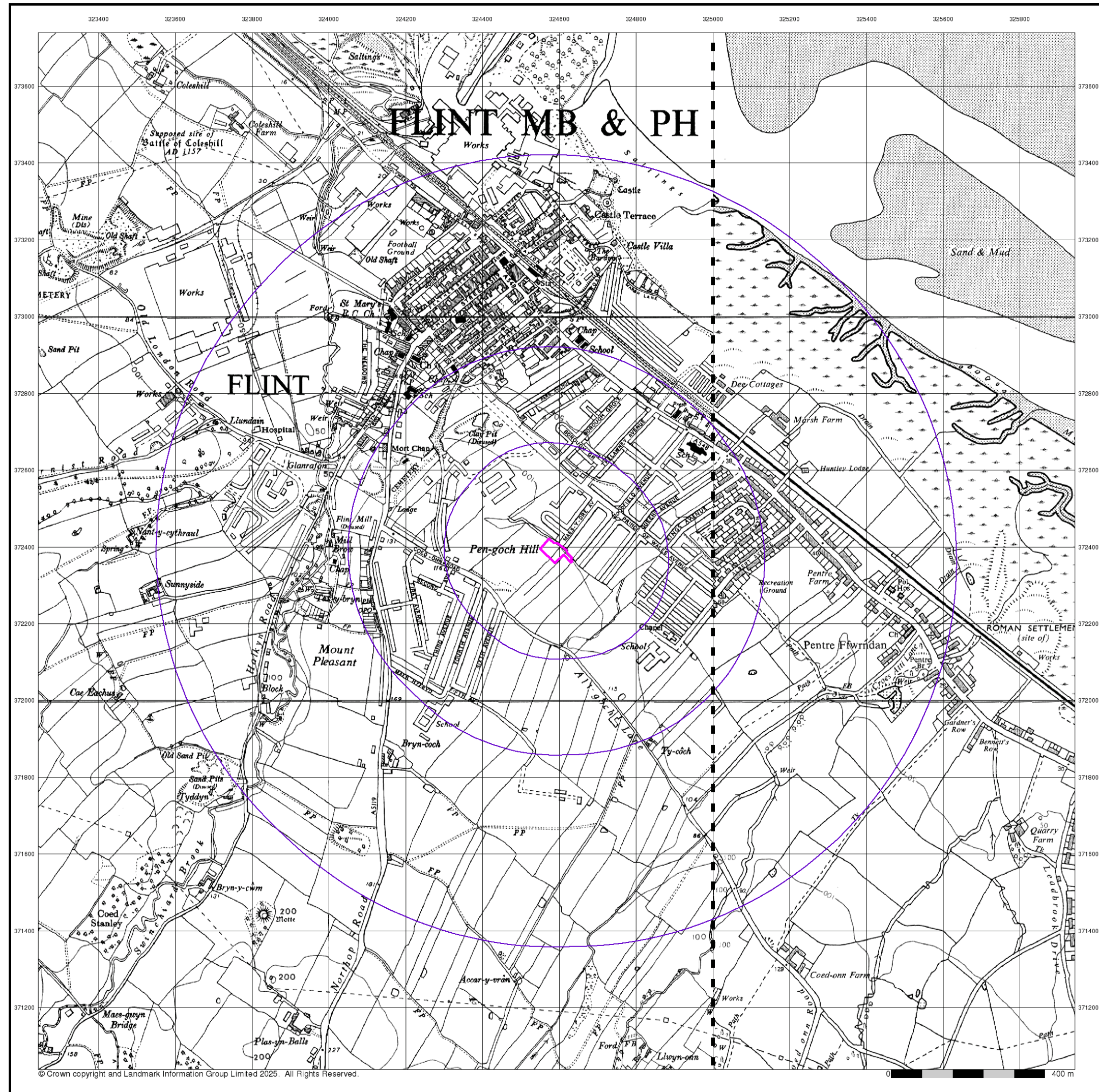
Site at 324590, 372390

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Ordnance Survey Plan

Published 1963 - 1969

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)

SJ27SW 1963 1:10,560	SJ27SE 1969 1:10,560
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Historical Map - Slice A

Order Details

Order Number:	372281214_1_1
Customer Ref:	16445
National Grid Reference:	324590, 372380
Slice:	A
Site Area (Ha):	0.26
Search Buffer (m):	1000

Site Details

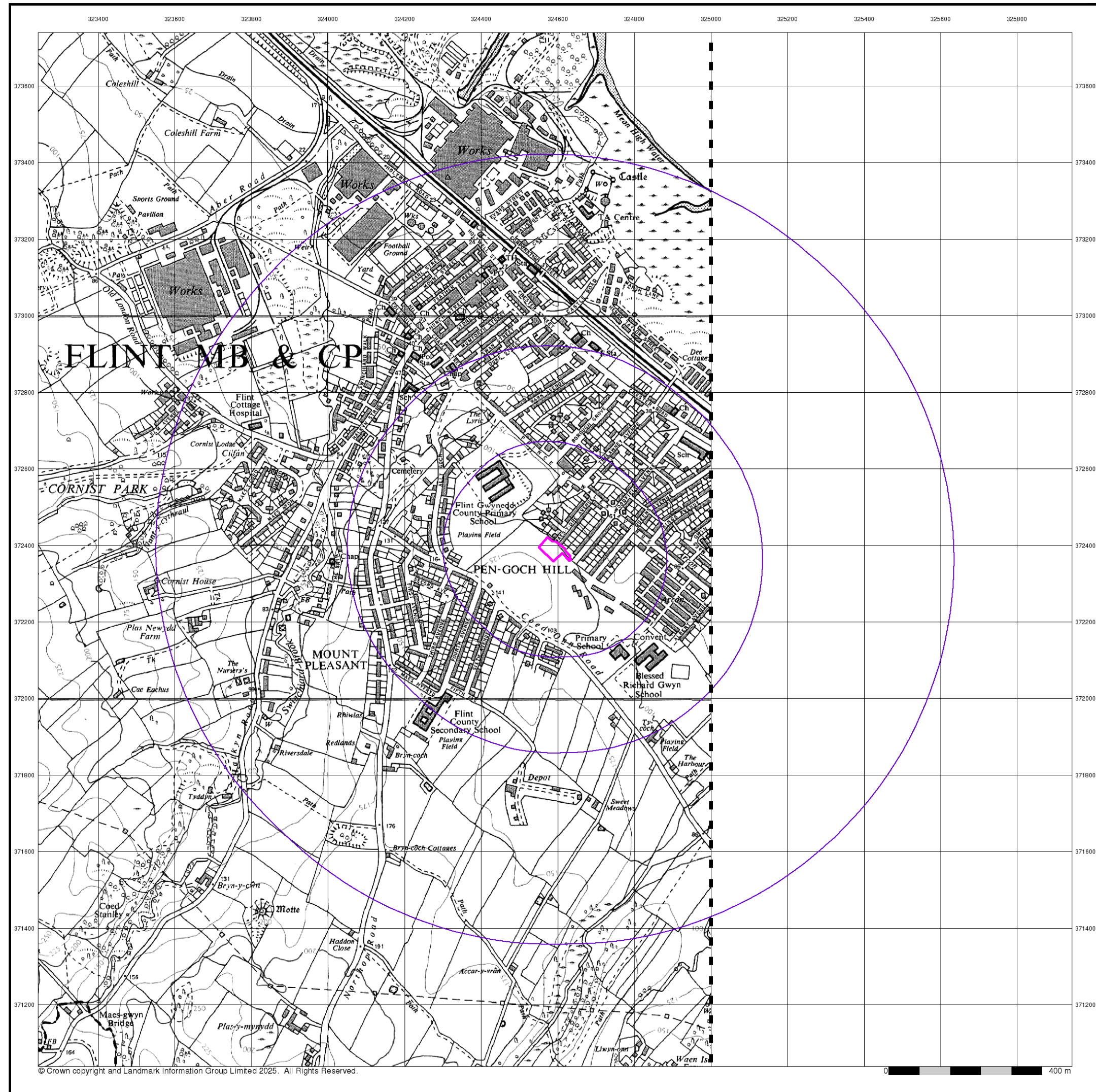
Site at 324590, 372390

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Ordnance Survey Plan

Published 1969

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)

SJ27SW

1969

1:10,560

Historical Map - Slice A

Order Details

Order Number:	372281214_1_1
Customer Ref:	16445
National Grid Reference:	324590, 372380
Slice:	A
Site Area (Ha):	0.26
Search Buffer (m):	1000

Site Details

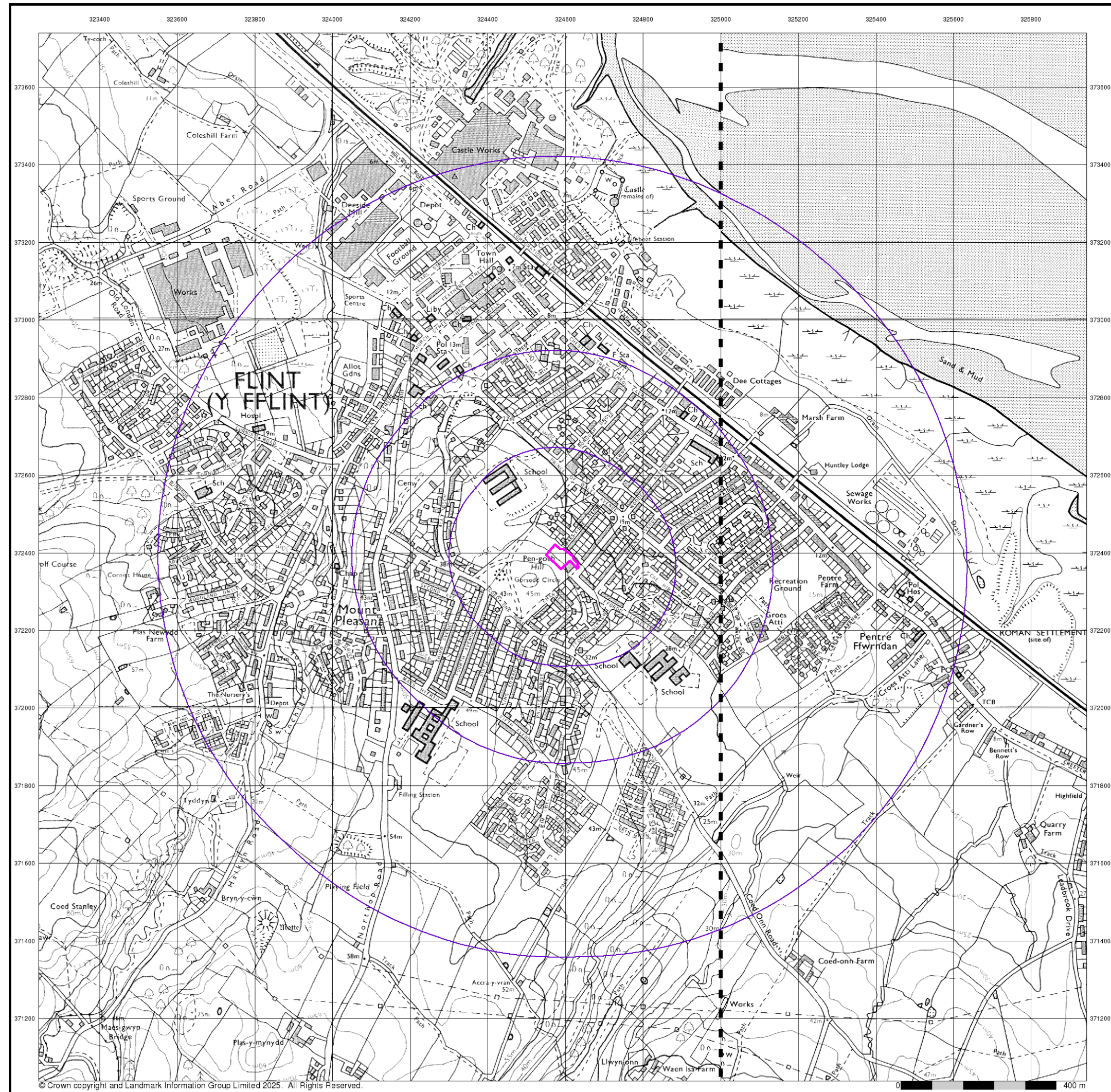
Site at 324590, 372390

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Ordnance Survey Plan

Published 1982 - 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)

SJ27SW 1982 1:10,000		SJ27SE 1983 1:10,000
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Historical Map - Slice A

Order Details

Order Number:	372281214_1_1
Customer Ref:	16445
National Grid Reference:	324590, 372380
Slice:	A
Site Area (Ha):	0.26
Search Buffer (m):	1000

Site Details

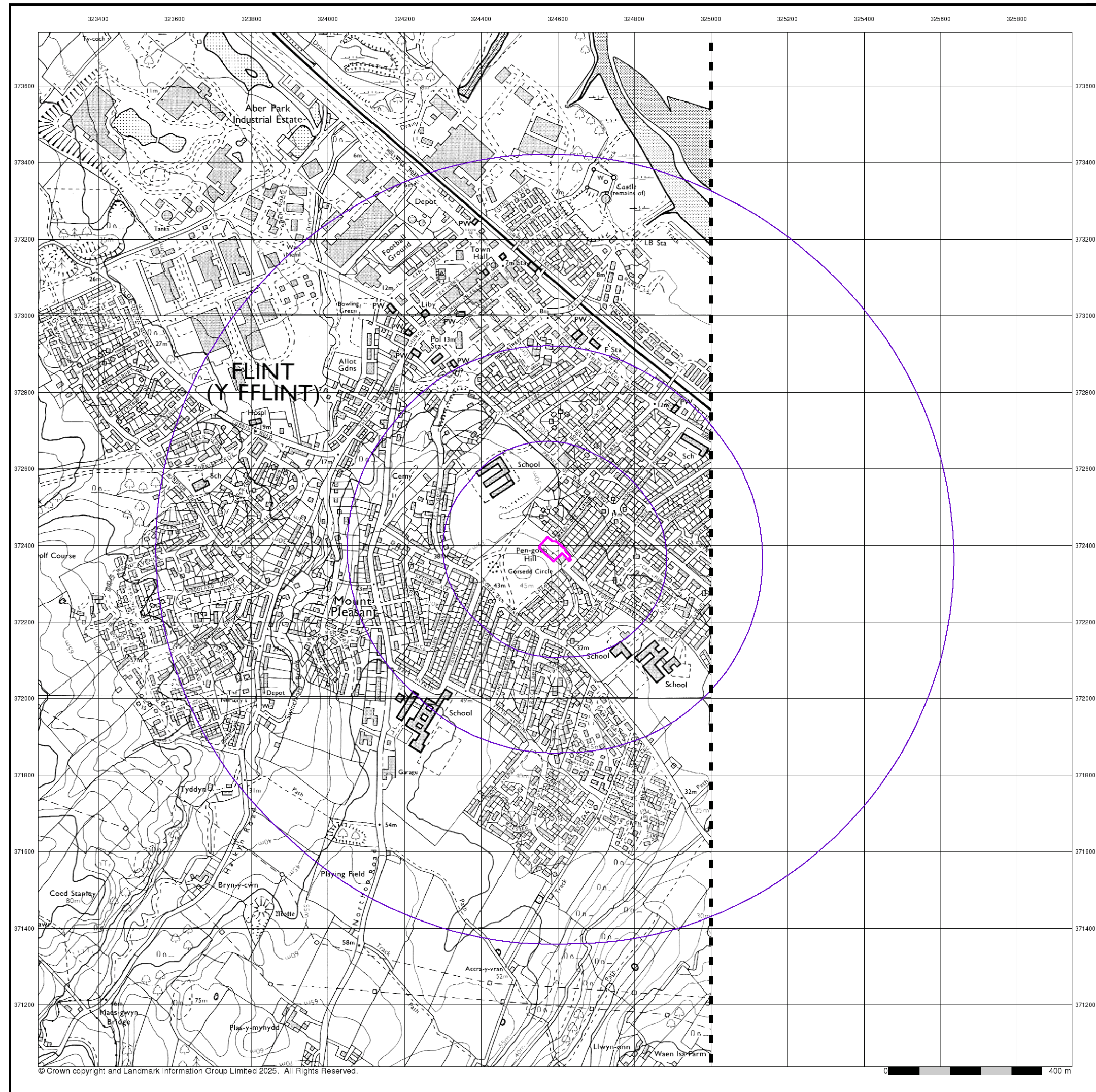
Site at 324590, 372390

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Ordnance Survey Plan

Published 1993

Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SJ27SW
1993
1:10,000

Historical Map - Slice A

Order Details

Order Number:	372281214_1_1
Customer Ref:	16445
National Grid Reference:	324590, 372380
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Site Area (Ha):	0.26
Search Buffer (m):	1000

Site Details

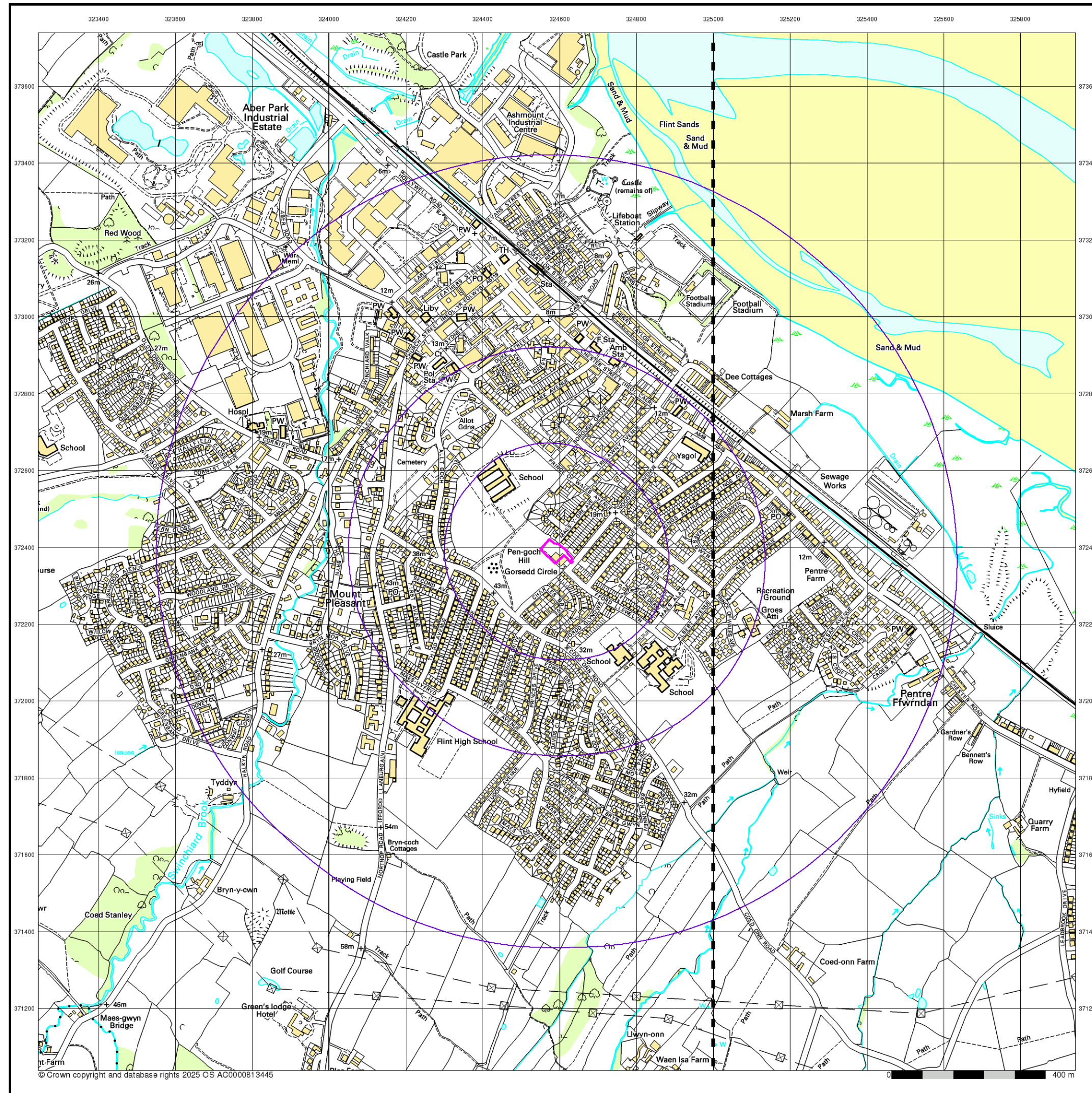
Site at 324590, 372390

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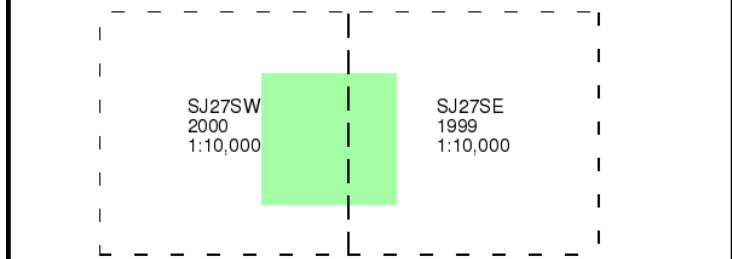
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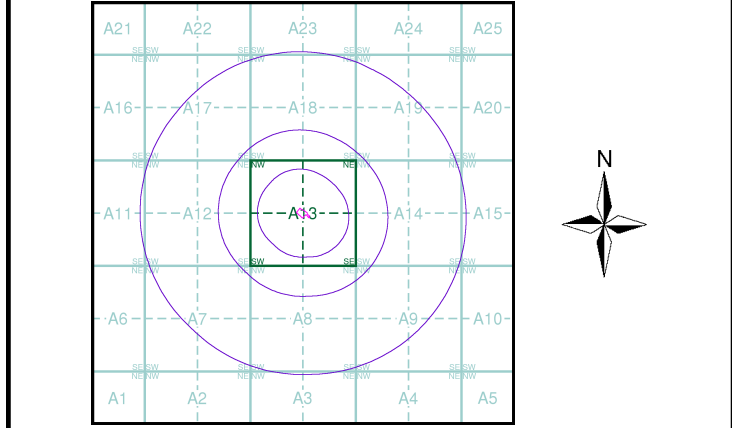
10k Raster Mapping
Published 1999 - 2000
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



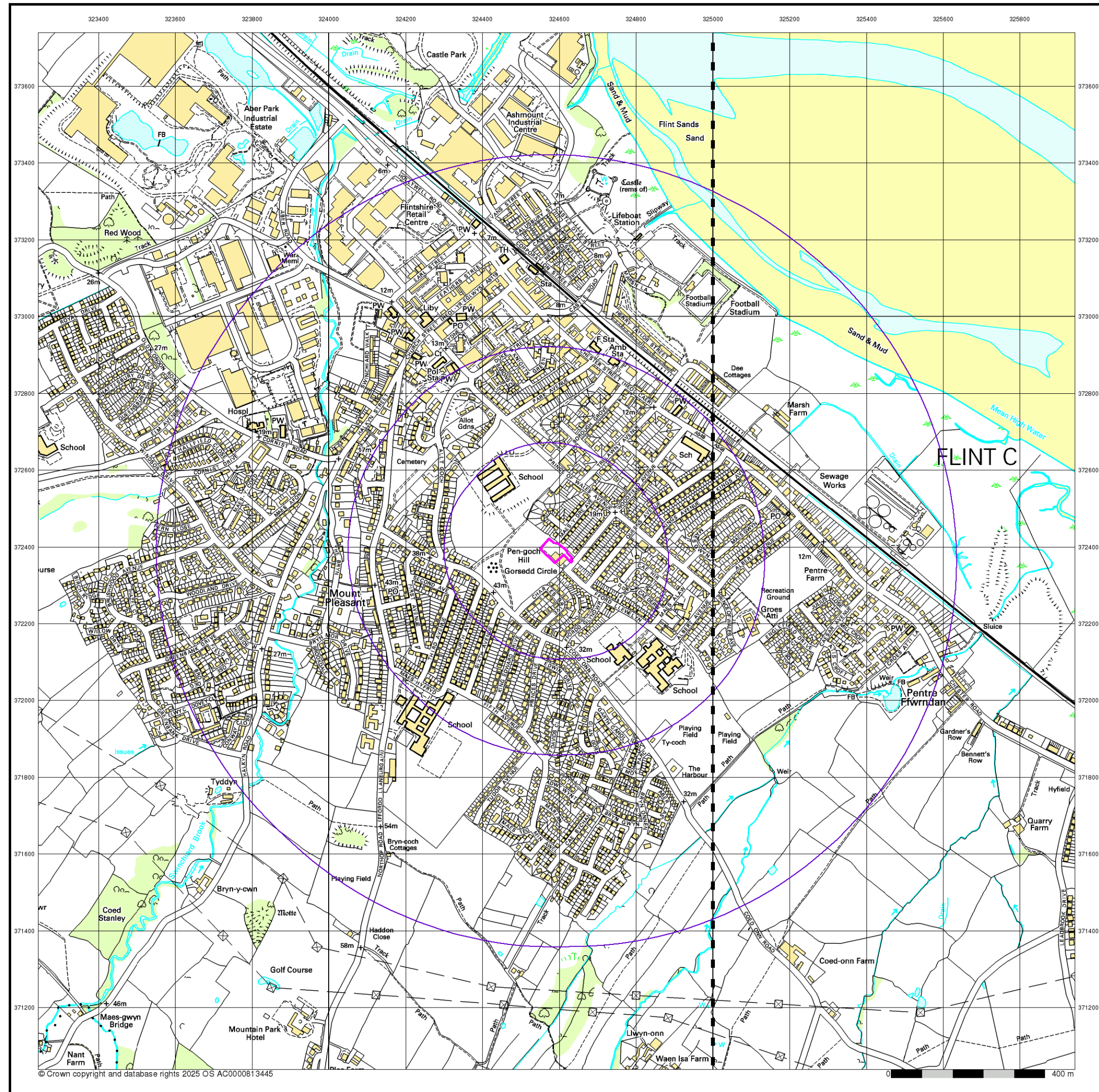
Historical Map - Slice A



Order Details
Order Number: 372281214_1_1
Customer Ref: 16445
National Grid Reference: 324590, 372380
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 1000

Site Details
Site at 324590, 372390

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10k Raster Mapping

Published 2006

Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SJ27SW 2006 1:10,000	SJ27SE 2006 1:10,000
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Historical Map - Slice A

Order Details

Order Number:	372281214_1_1
Customer Ref:	16445
National Grid Reference:	324590, 372380
Slice:	A
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Site Details

Site at 324590, 372390

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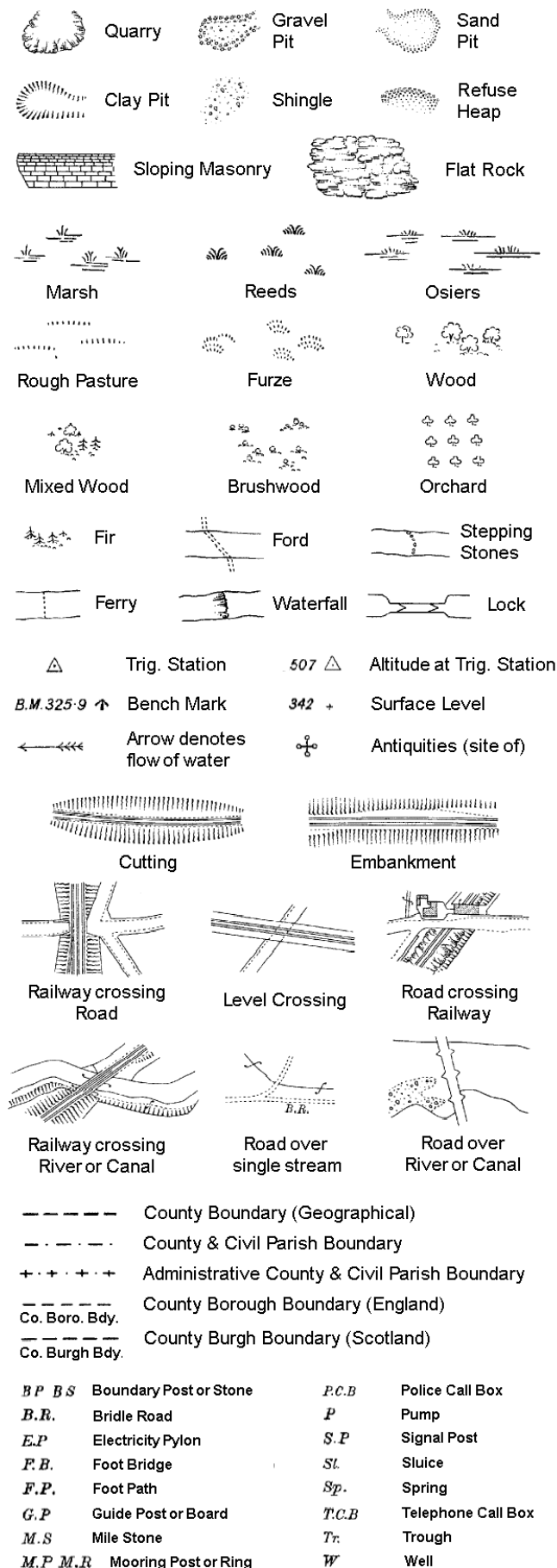
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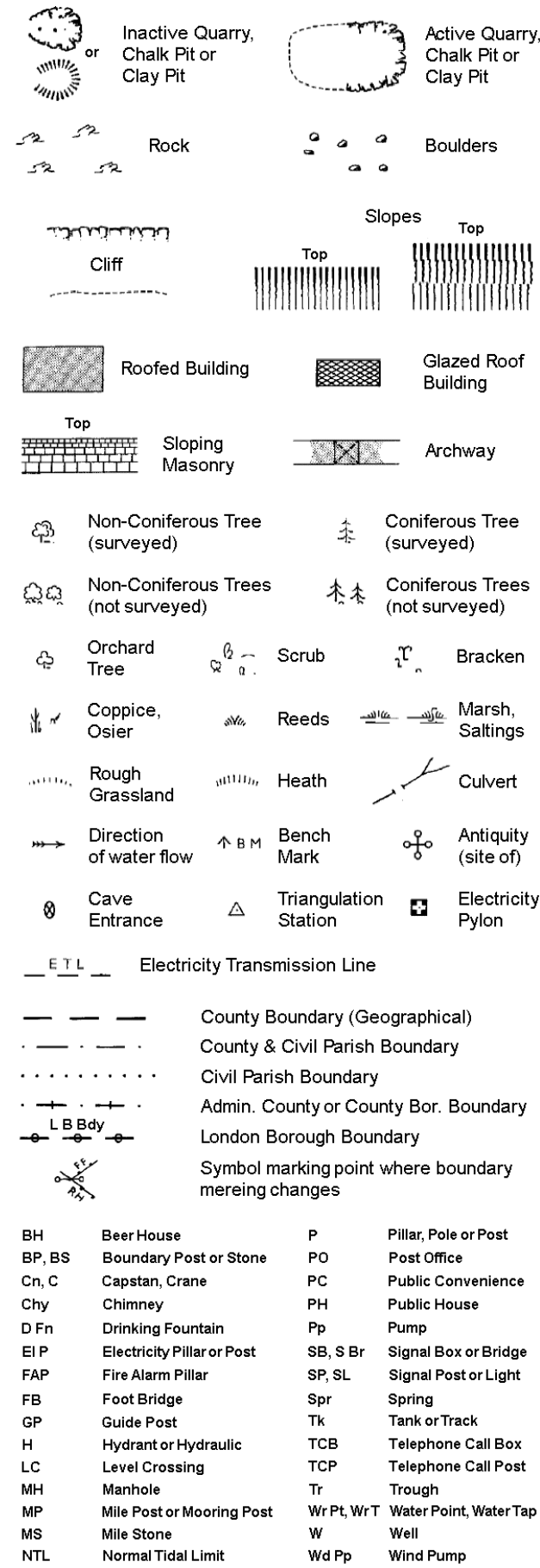
A Landmark Information Group Service v50.0 17-Mar-2025 Page 17 of 18

Historical Mapping Legends

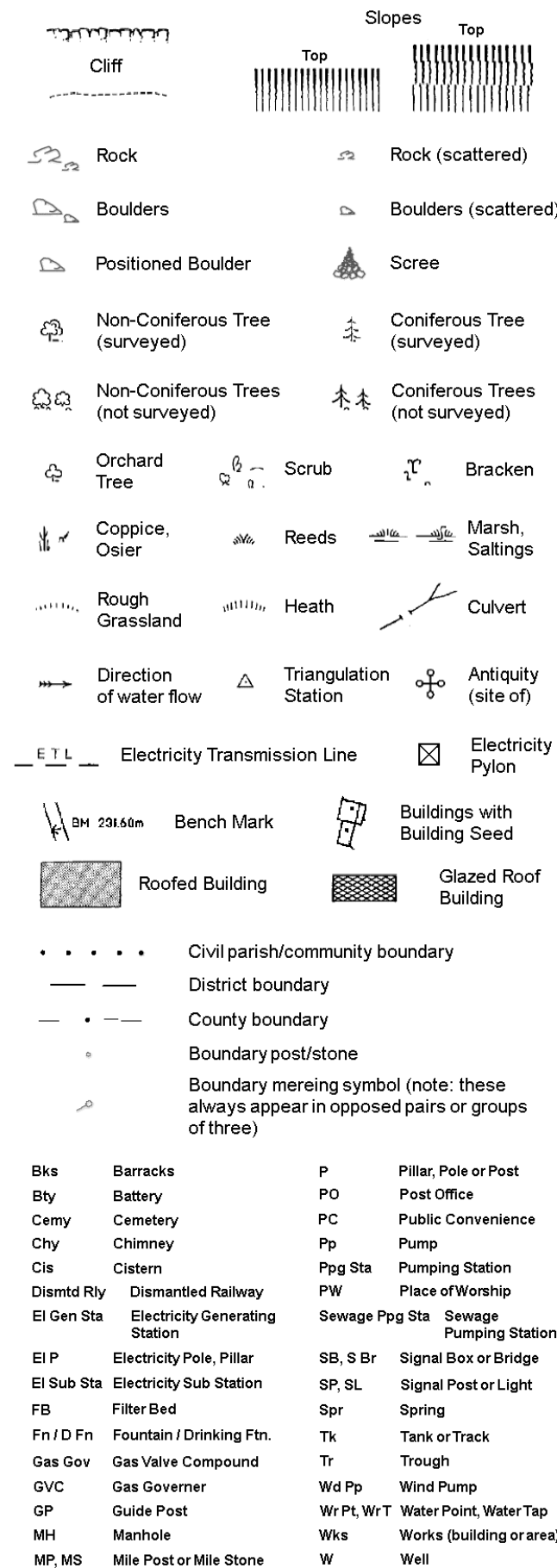
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



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



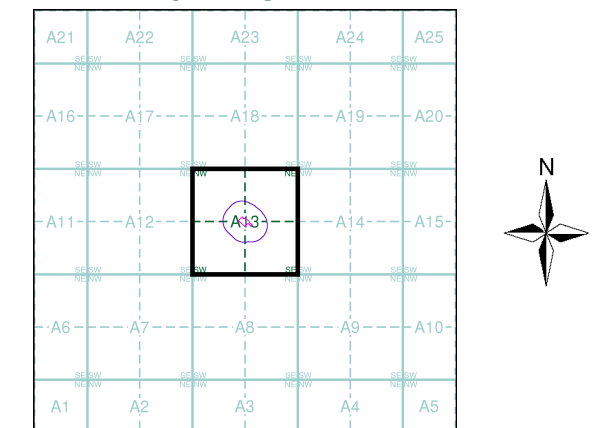
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Flintshire	1:2,500	1871	2
Flintshire	1:2,500	1899	3
Flintshire	1:2,500	1912	4
Ordnance Survey Plan	1:2,500	1967	5
Ordnance Survey Plan	1:2,500	1967	6
Ordnance Survey Plan	1:2,500	1975	7
Additional SIMs	1:2,500	1977	8
Additional SIMs	1:2,500	1990	9
Large-Scale National Grid Data	1:2,500	1994	10
Large-Scale National Grid Data	1:2,500	1995	11
Historical Aerial Photography	1:2,500	2001	12

Historical Map - Segment A13



Order Details

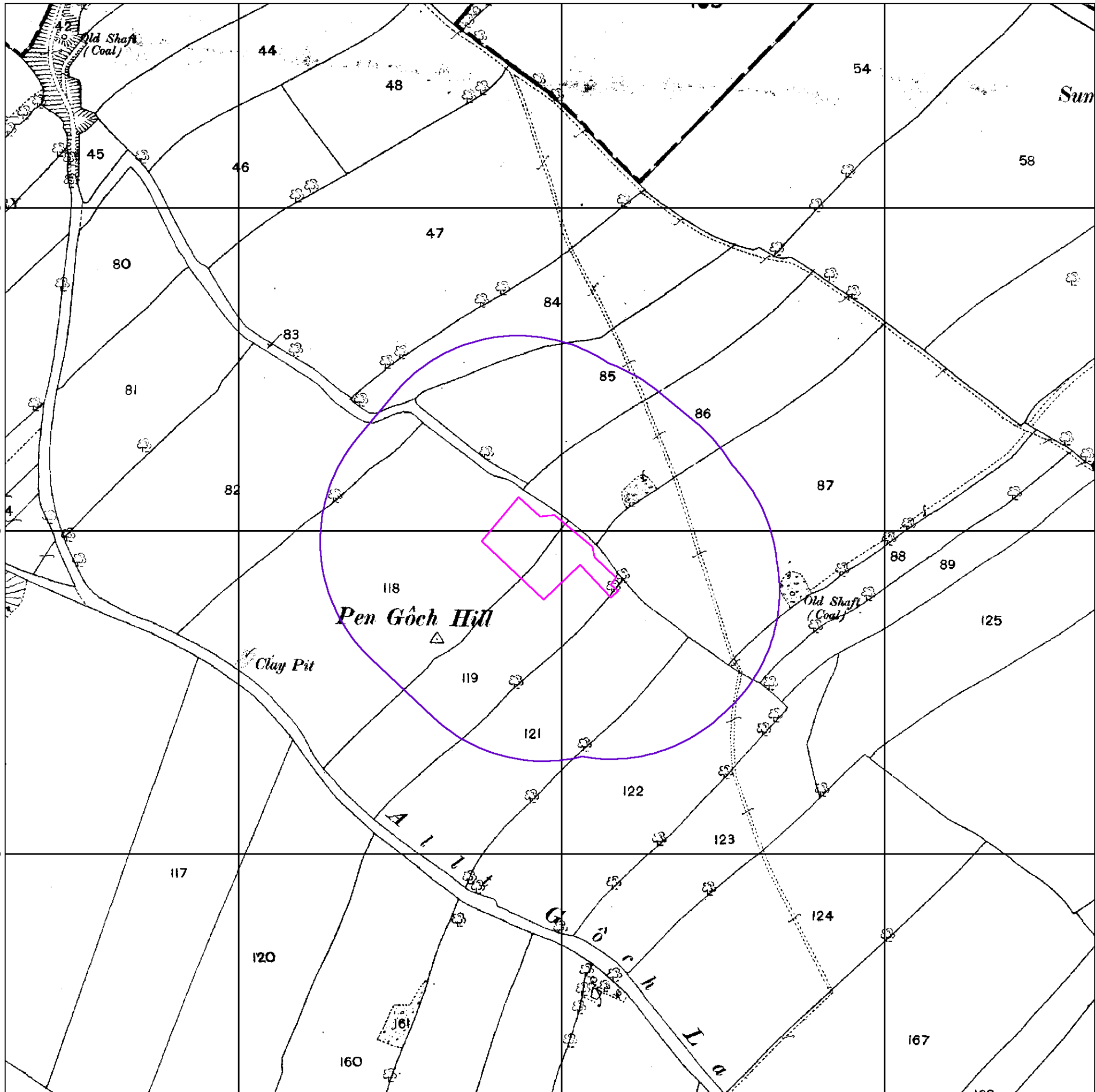
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Customer Ref: 16445
National Grid Reference: 324590, 372380
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 100

Site Details

Site at 324590, 372390

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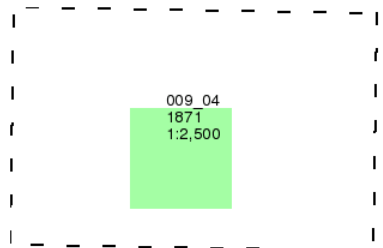
Flintshire

Published 1871

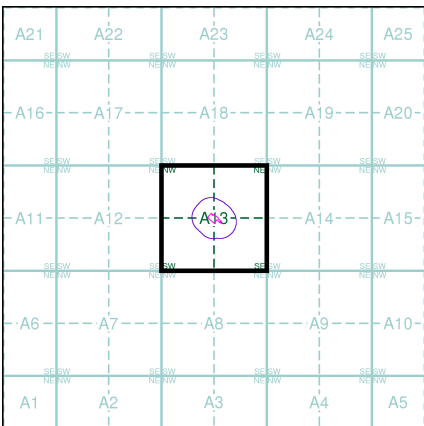
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

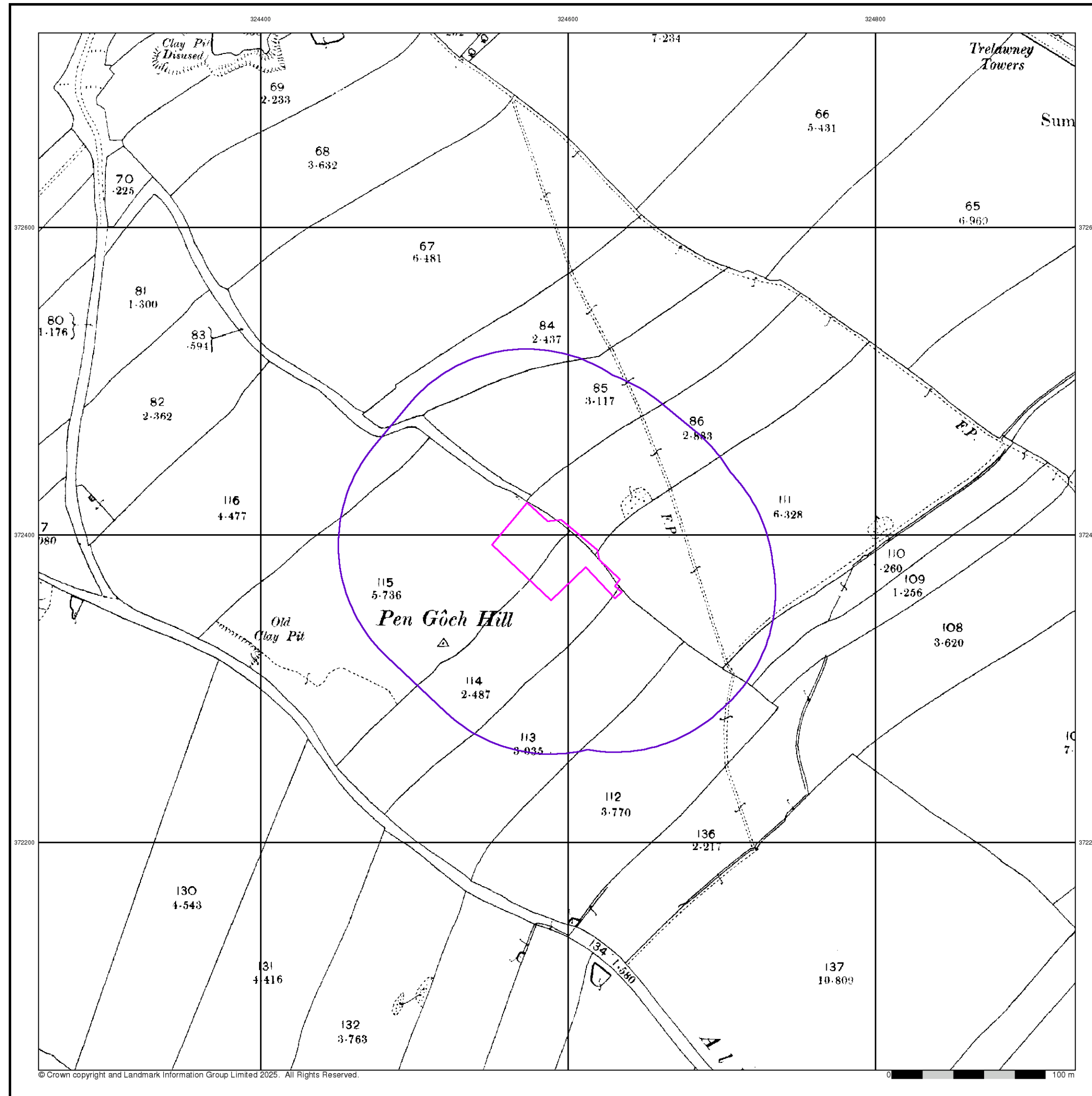
Order Number: 372281214_1_1
Customer Ref: 16445
National Grid Reference: 324590, 372380
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 100

Site Details

Site at 324590, 372390

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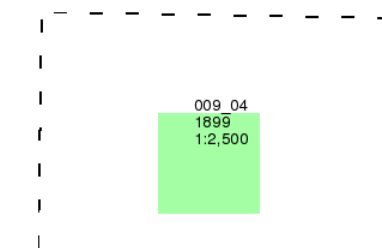
Flintshire

Published 1899

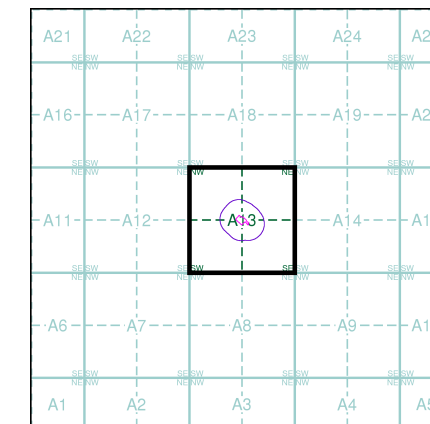
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

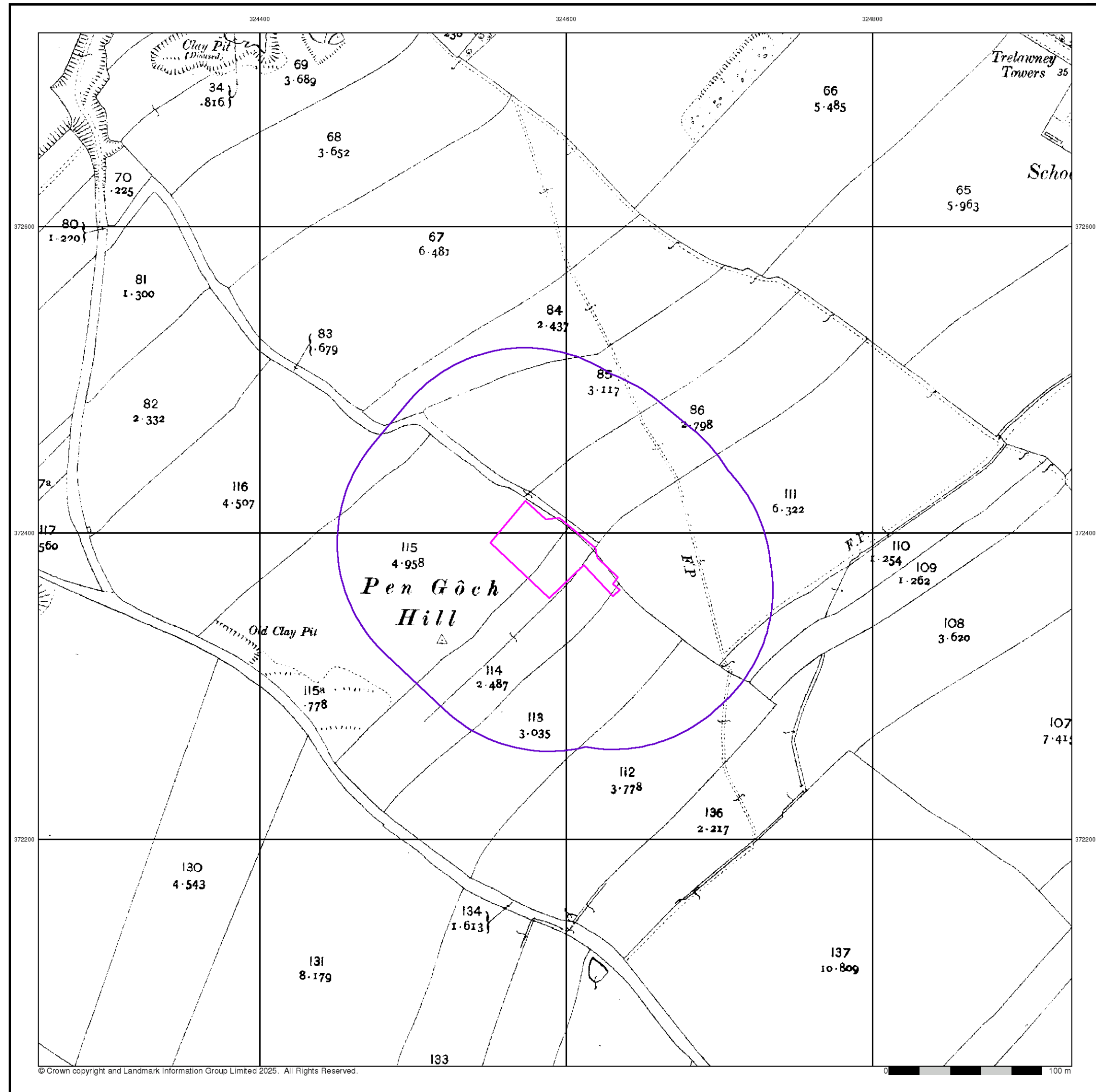
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Customer Ref: 16445
National Grid Reference: 324590, 372380
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 100

Site Details

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Flintshire

Published 1912

Source map scale - 1:2,500

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Map Name(s) and Date(s)

009_04

1912

1:2,500

Historical Map - Segment A13

Order Details

Order Number:	372281214_1_1
Customer Ref:	16445
National Grid Reference:	324590, 372380
Slice:	A
Site Area (Ha):	0.26
Search Buffer (m):	100

Site Details

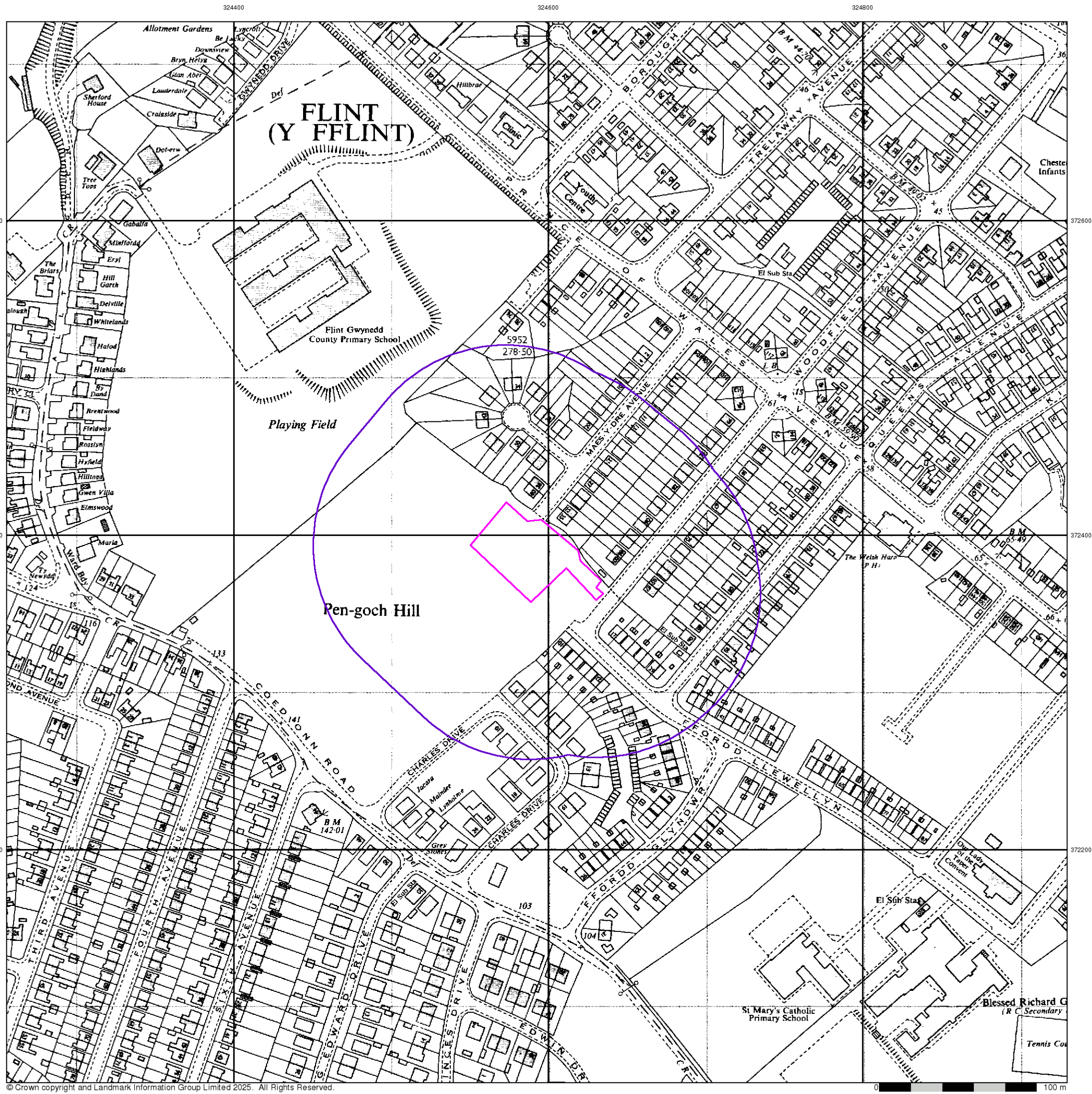
Site at 324590, 372390

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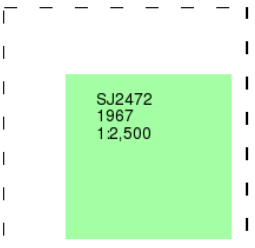
Ordnance Survey Plan

Published 1967

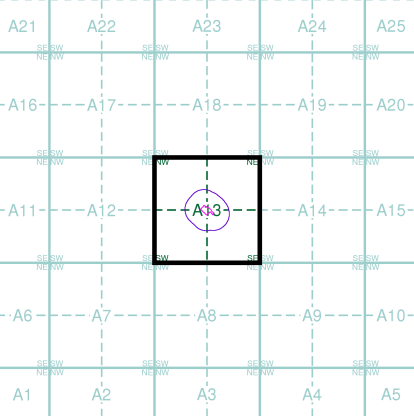
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

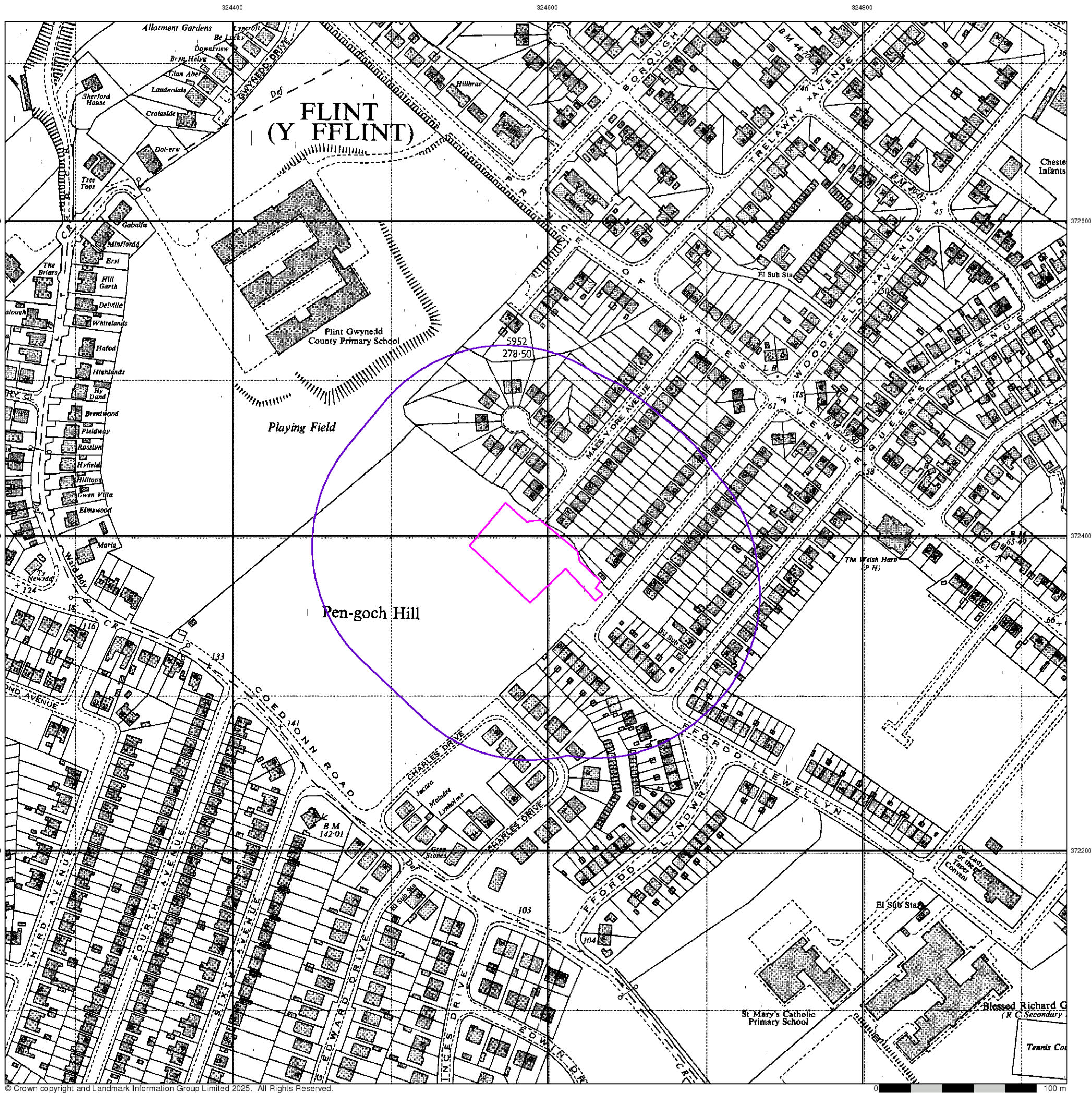


Order Details

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Site Area (Ha): 0.26
Search Buffer (m): 100

Site Details

Site at 324590, 372390



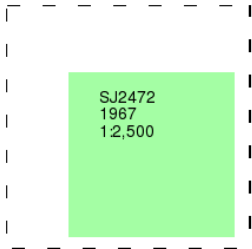
Ordnance Survey Plan

Published 1967

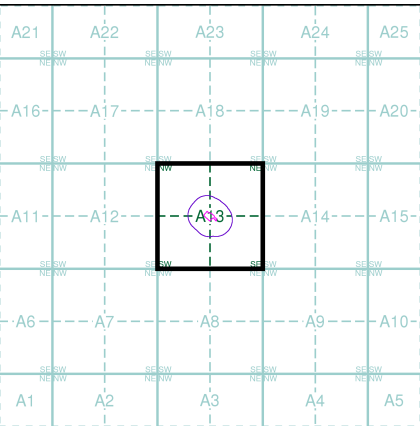
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

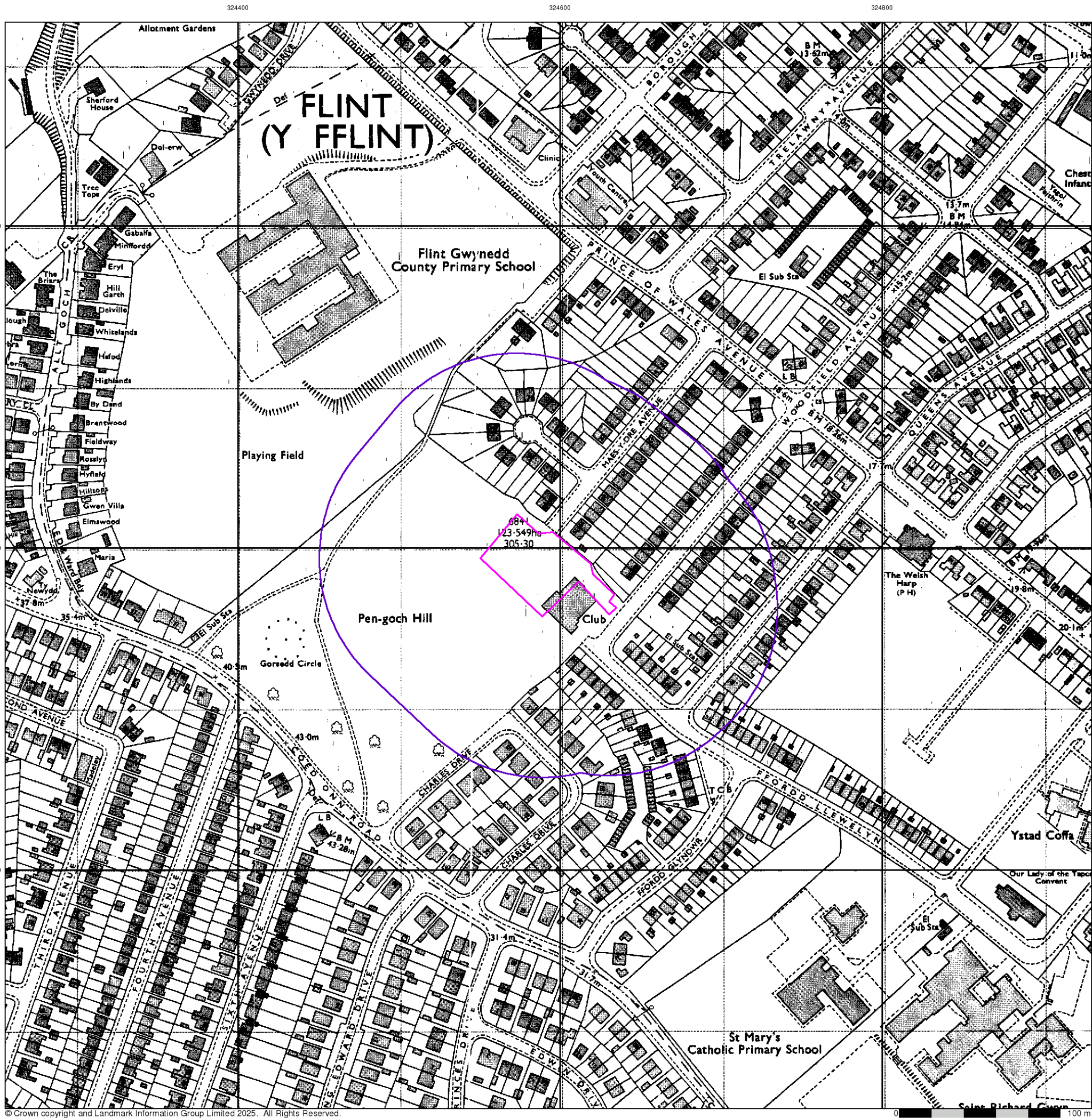


Order Details

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Customer Ref: 16445
National Grid Reference: 324590, 372380
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 100

Site Details

Site at 324590, 372390



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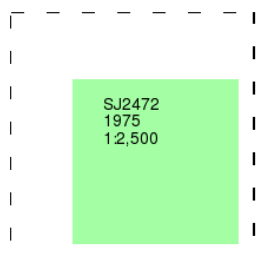
Ordnance Survey Plan

Published 1975

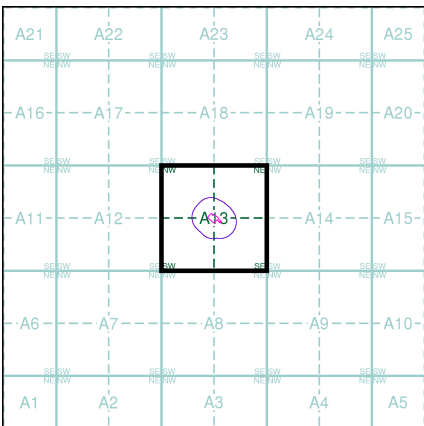
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

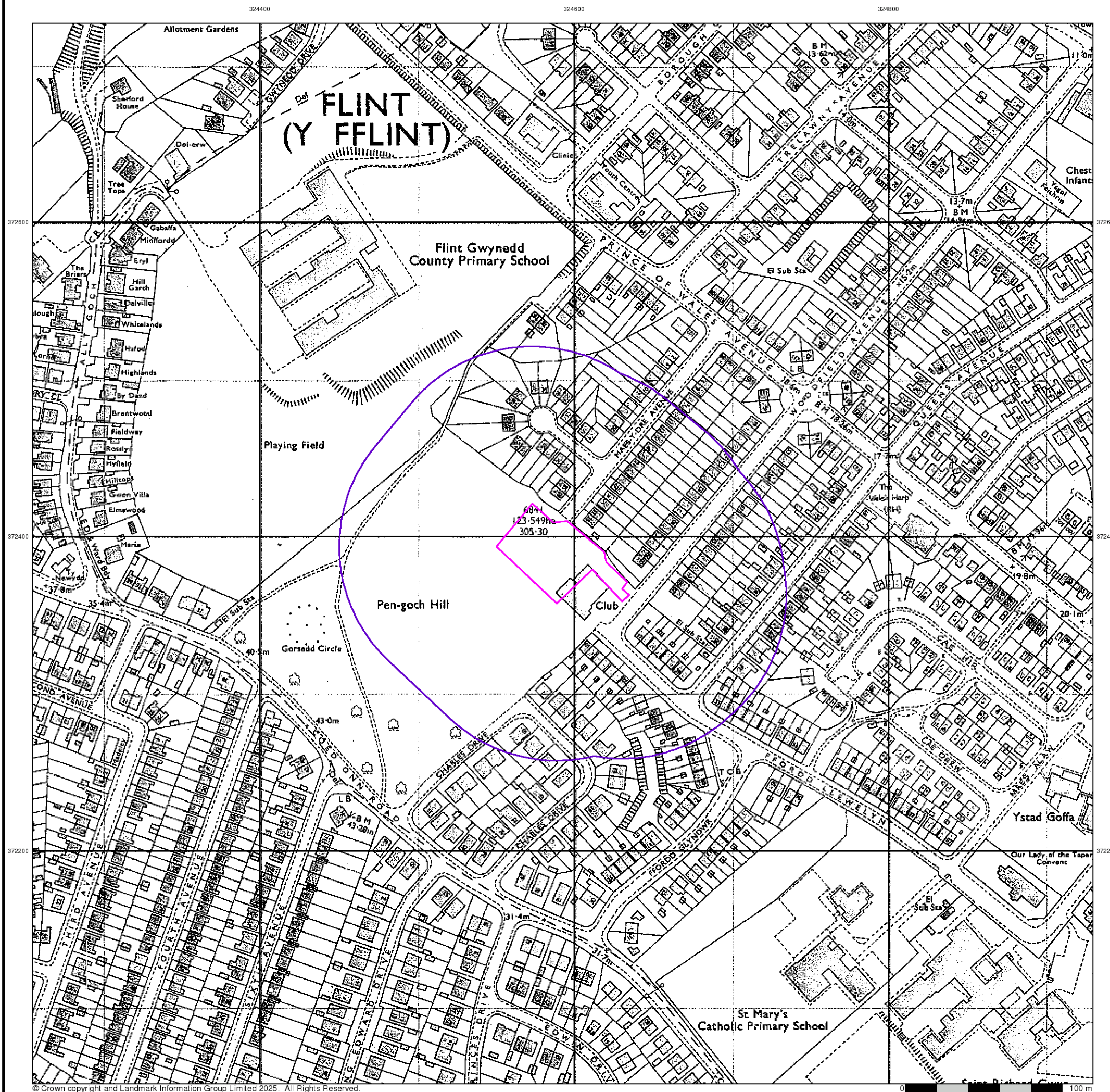
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Customer Ref: 16445
National Grid Reference: 324590, 372380
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 100

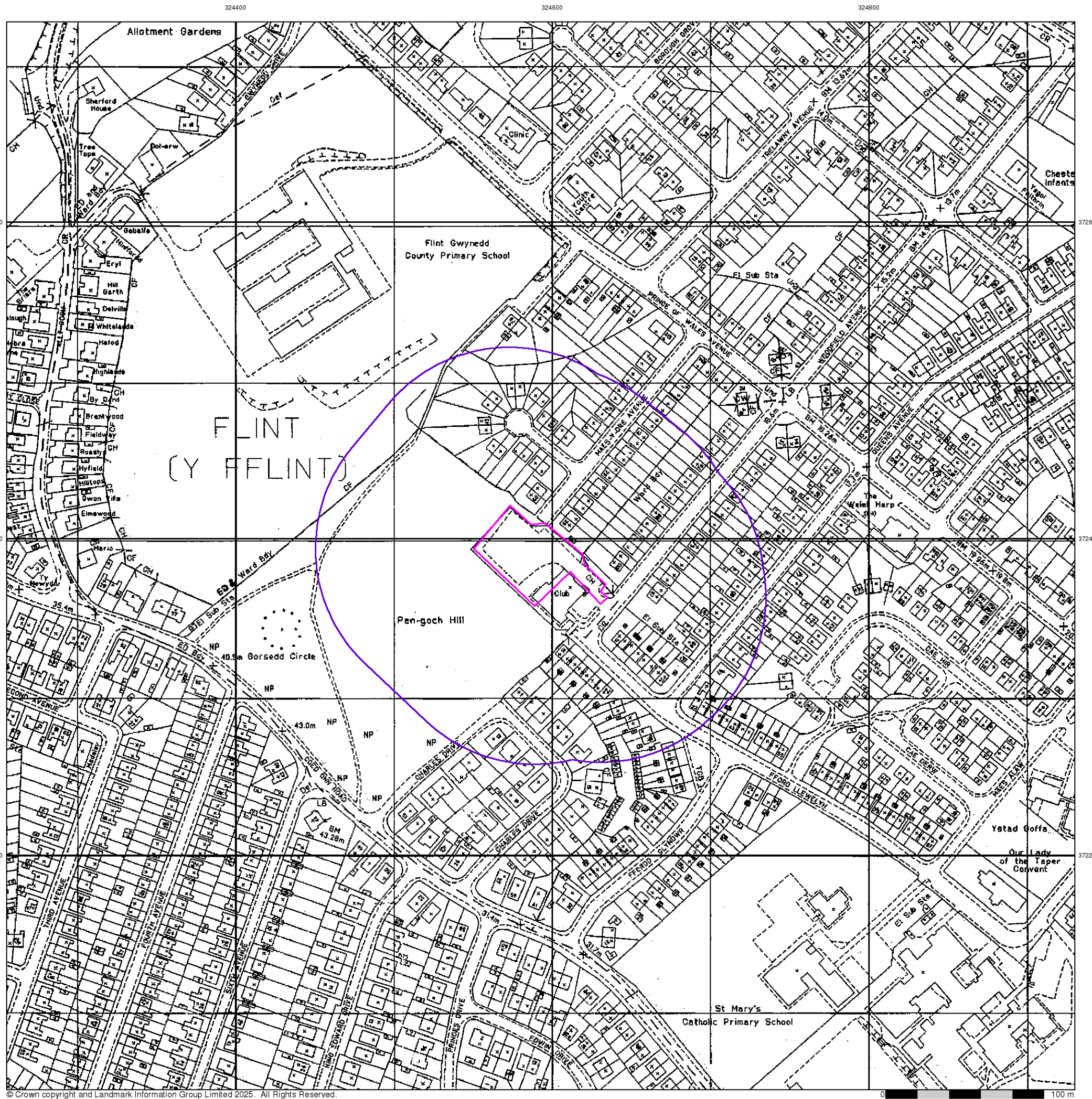
Site Details

Site at 324590, 372390

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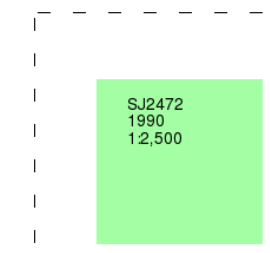
Additional SIMs

Published 1990

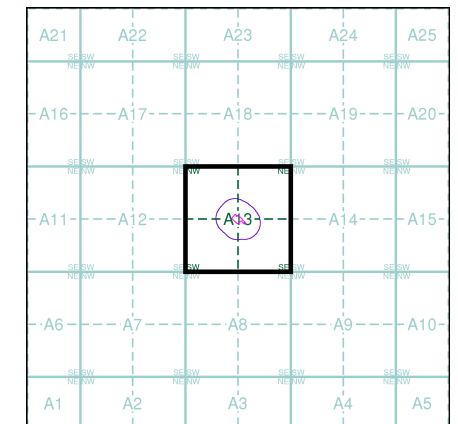
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

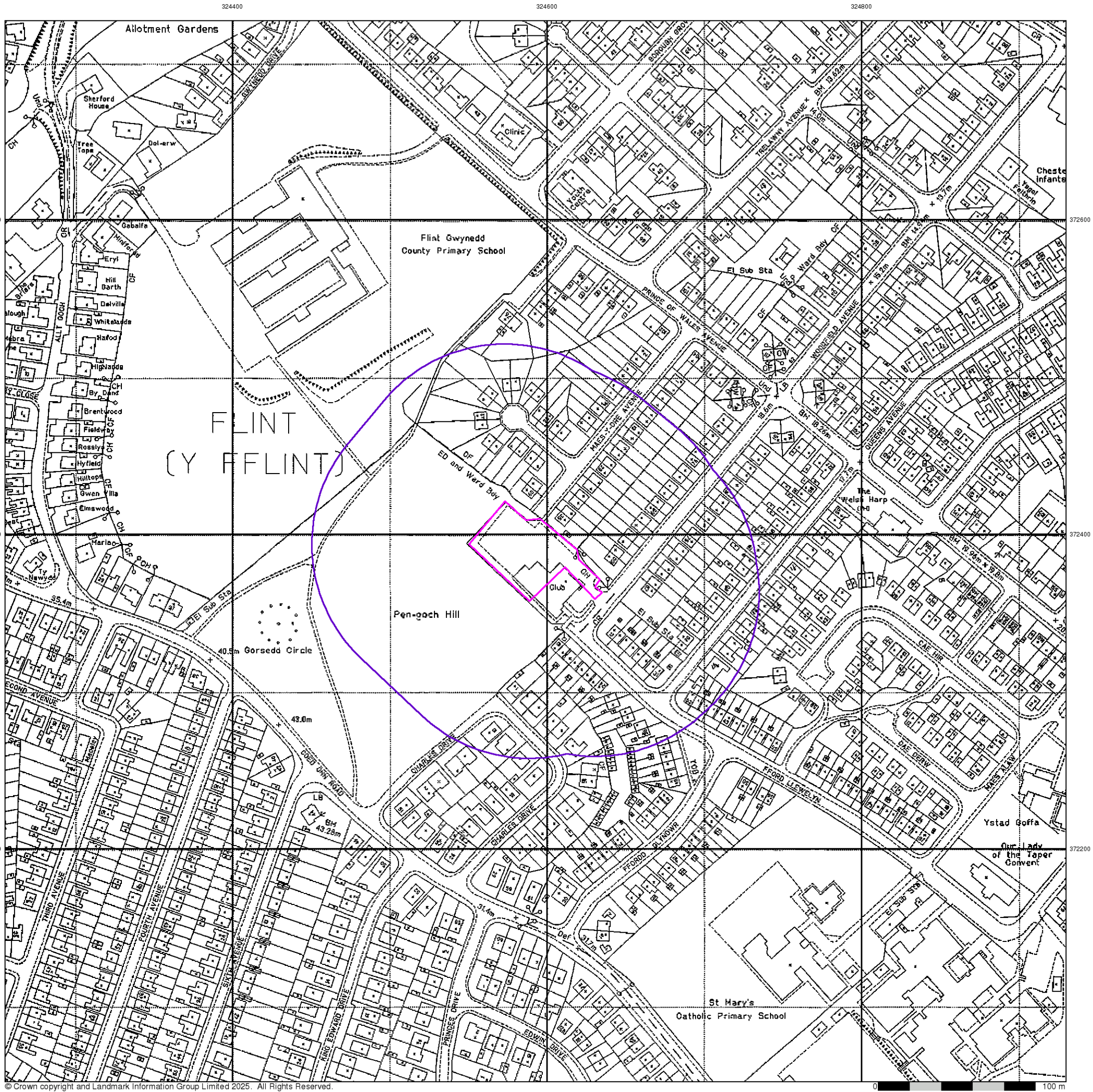
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National Grid Reference: 324590, 372380
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Site Area (Ha): 0.26
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Site Details

Site at 324590, 372390

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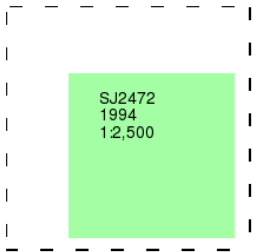
Large-Scale National Grid Data

Published 1994

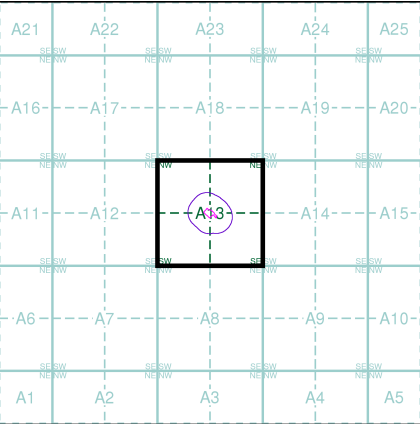
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

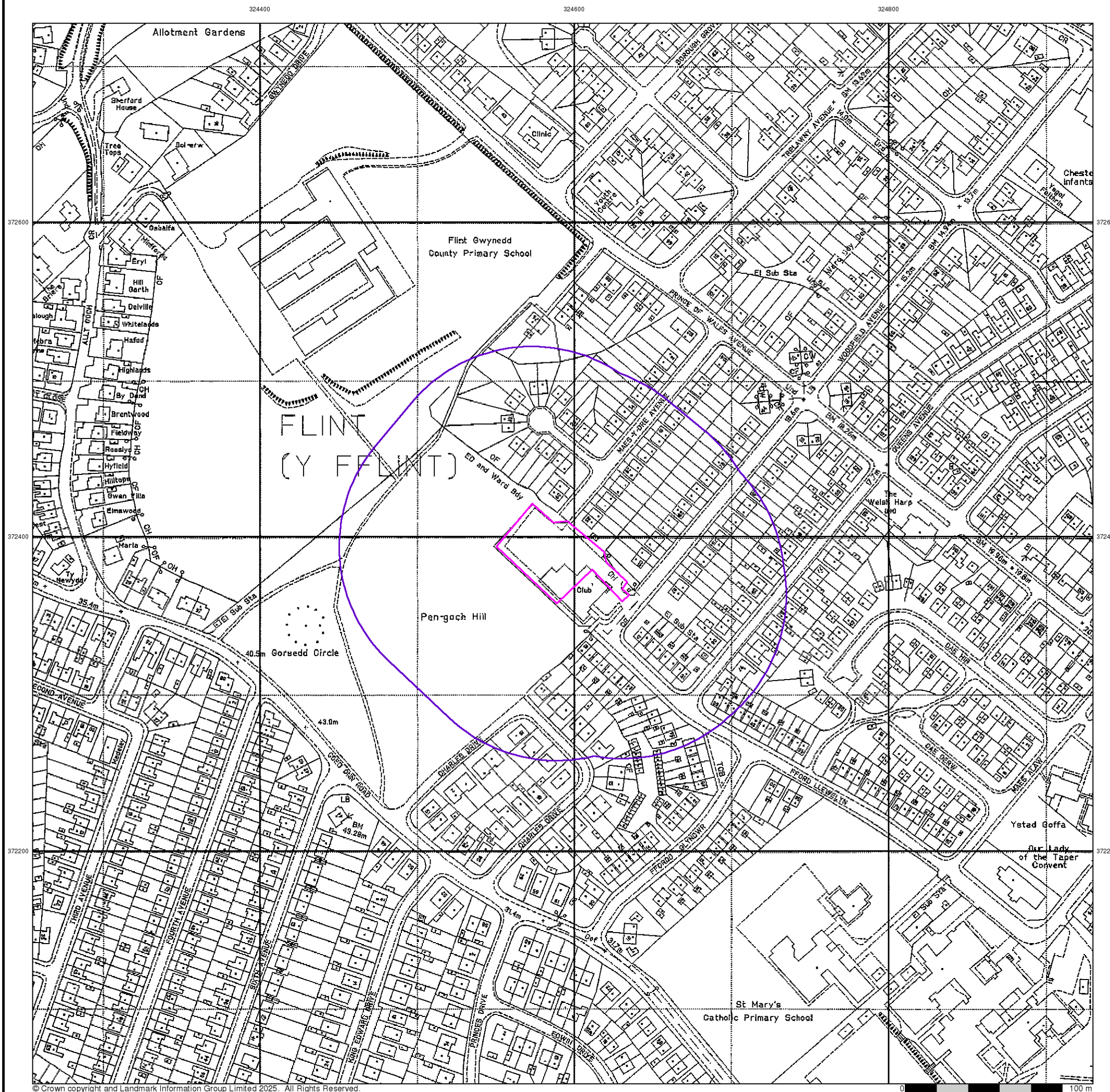
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Customer Ref: 16445
National Grid Reference: 324590, 372380
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 100

Site Details

Site at 324590, 372390

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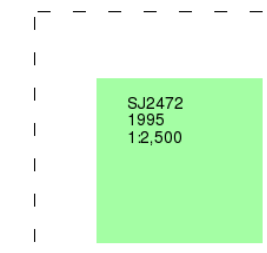
Large-Scale National Grid Data

Published 1995

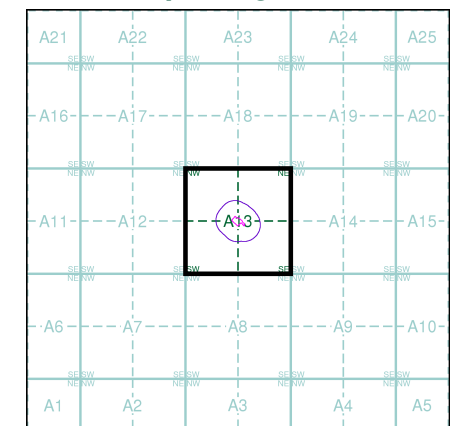
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	372281214_1_1
Customer Ref:	16445
National Grid Reference:	324590, 372380
Slice:	A
Site Area (Ha):	0.26
Search Buffer (m):	100

Site Details

Site at 324590, 372390

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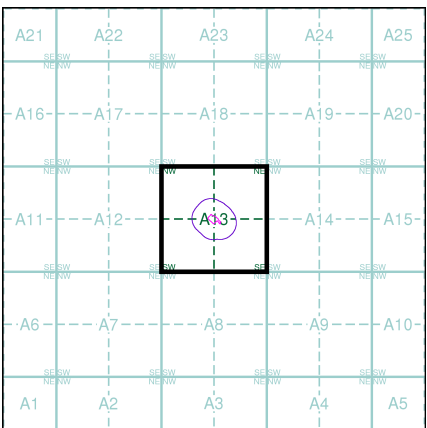
LANDMARK INFORMATION GROUP[®]

Historical Aerial Photography

Published 2001

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

Historical Aerial Photography - Segment A13



Order Details

Order Number: 372281214_1_1
Customer Ref: 16445
National Grid Reference: 324590, 372380
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 100

Site Details

Site at 324590, 372390

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Appendix H BGS Historical Borehole Record



SJ27SW/25

SOIL SURVEYS LTD.
MANCHESTER.

BJREN

2487 7296

EXPLORATORY BORING RECORD

SITE		Flint		Ref.	
Boring Method		Shell		Ground Level	
DATE	DIA. OF CASING & DEPTH BELOW S.L.	WATER LEVEL MORNING & EVENING	DEPTH OF STRATA BELOW S.L.	STRATA	NO. OF SAMPLES
				APPROX. SCALE FT. TO ONE INCH	
25.10.68	8" 0.20	Nil		Soil, bones, etc (Fill material)	1
			2'05		2
			10'0"		3
					4
					5
					6
					7
					8
				Soft grey/brown organic silty sandy clay with coal and shell inclusions (disturbed or possible fill material)	9
			3'81		10
			12'6		11
					12
					13
23.10.68	12" 3.29	Nil		Very stiff grey clayey shale with hard shale inclusions	14
24.10.68		Nil		changing to Hard grey shale	15
			5'87		16
			19'3"		17
			6'02	Coal	18
			19'9		19
				Very stiff grey clayey shale	20
				changing to	21
24.10.68	4'42	7'42	24'4	Firm grey shale	22
	14'6				23

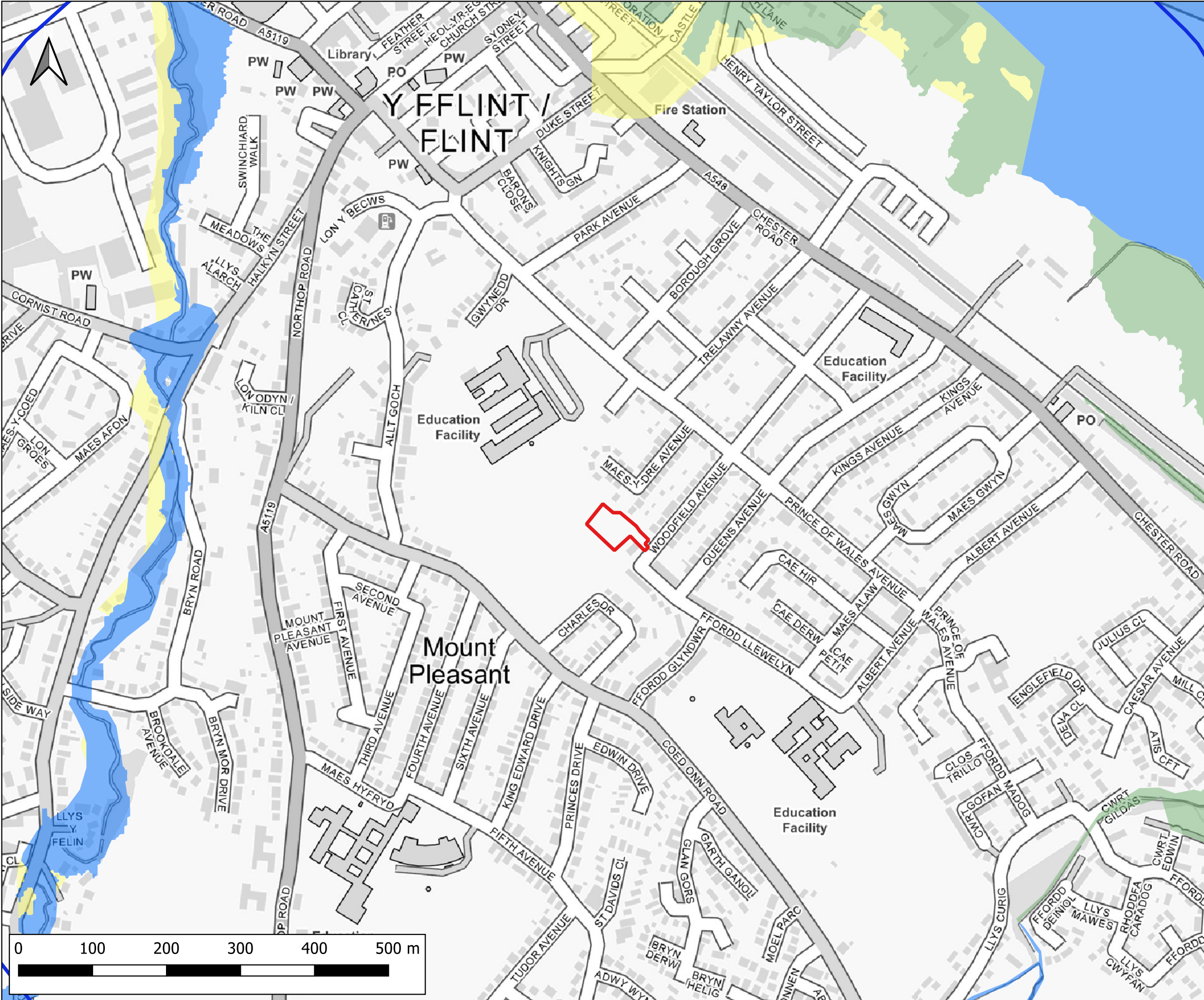
Samples shown thus: Disturbed O. Undisturbed U. Standard Pen. Test X. Water

WATER SURFACE AT THE FOLLOWING DEPTHS	DEPTH OF CASING WHEN SEALED (IN S. - NOT SEALED)	ESTIMATED SEEPAGE	WATER ADDED AT FOLLOWING DEPTHS TO ASSIST BORING	WATER LEVEL IN CASING (WHEN BORING STOPPED)
				DATE
1. 19'3" 5.87	N.S.	Medium		25.10.68 2.59
2.				
3.				
4.				
5.				
6.				

REMARKS:

1. No initial penetration for S.P.T. sample No 12 and 13
- ii) Chiselling required in shale (4 hours)

Appendix I NRW Flood Map for Planning



Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 1km buffer

Development Advice Map (TAN15)

- Zone A
- Zone B
- Zone C1
- Zone C2

CLIENT:

Enfys Developments Ltd

www.waterco.co.uk

SCHEME:

Former Working Men's Club, Flint

PLOT TITLE:

NRW Development Advice Map
Data published October 2022

PLOT STATUS:		FINAL		DATE:	21-03-2025
--------------	--	-------	--	-------	------------

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MJW	AW	NJ	1:5000

PLOT NAME:	REVISION:
16445_NRW_DAM_Map	-



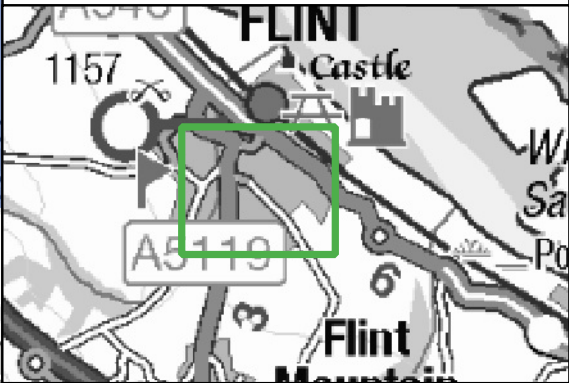
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise
2) Flood Zone 3 displays the extent of flooding from rivers with a 1% AEP or greater of flooding in a given year including and allowance for climate change and the sea with a 0.5% AEP or greater of flooding in a given year including and allowance for climate change
3) Flood Zone 2 displays the extent of flooding from rivers with a less than 1% AEP but greater than or equal to 0.1% AEP of flooding in a given year including and allowance for climate change and the sea with a less than 0.5% AEP but greater than or equal to 0.1% AEP of flooding in a given year including and allowance for climate change

LEGEND

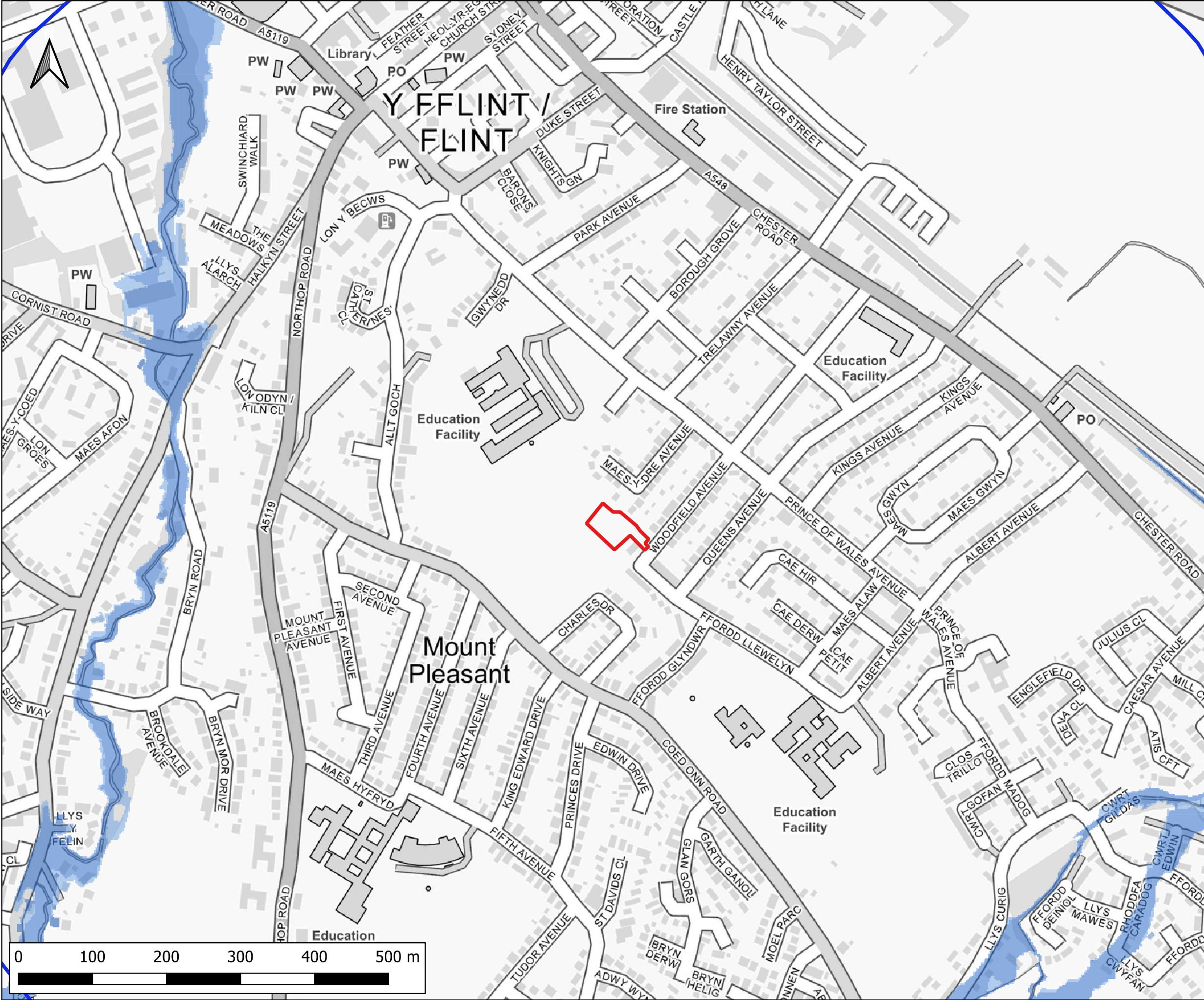
- Site Boundary
- 1km buffer

NRW Flood Map for Planning

- Flood Zone 1
- Flood Zone 2
- Flood Zone 3



CLIENT: Enfys Developments Ltd			
waterco www.waterco.co.uk			
SCHEME: Former Working Men's Club, Flint			
PLOT TITLE: NRW Flood Map for Planning (Rivers and Sea) Data published November 2024			
PLOT STATUS: FINAL			DATE: 21-03-2025
DRAWN: MJW	CHECKED: AW	APPROVED: NJ	PLOT SCALE AT A3: 1:5000
PLOT NAME: 16445_NRW_FmFP			REVISION: -



Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 1km buffer
- Flood Zones Rivers
 - Flood Zone 1
 - Flood Zone 2
 - Flood Zone 3

CLIENT:

Enfys Developments Ltd

www.waterco.co.uk

SCHEME:

Former Working Men's Club, Flint

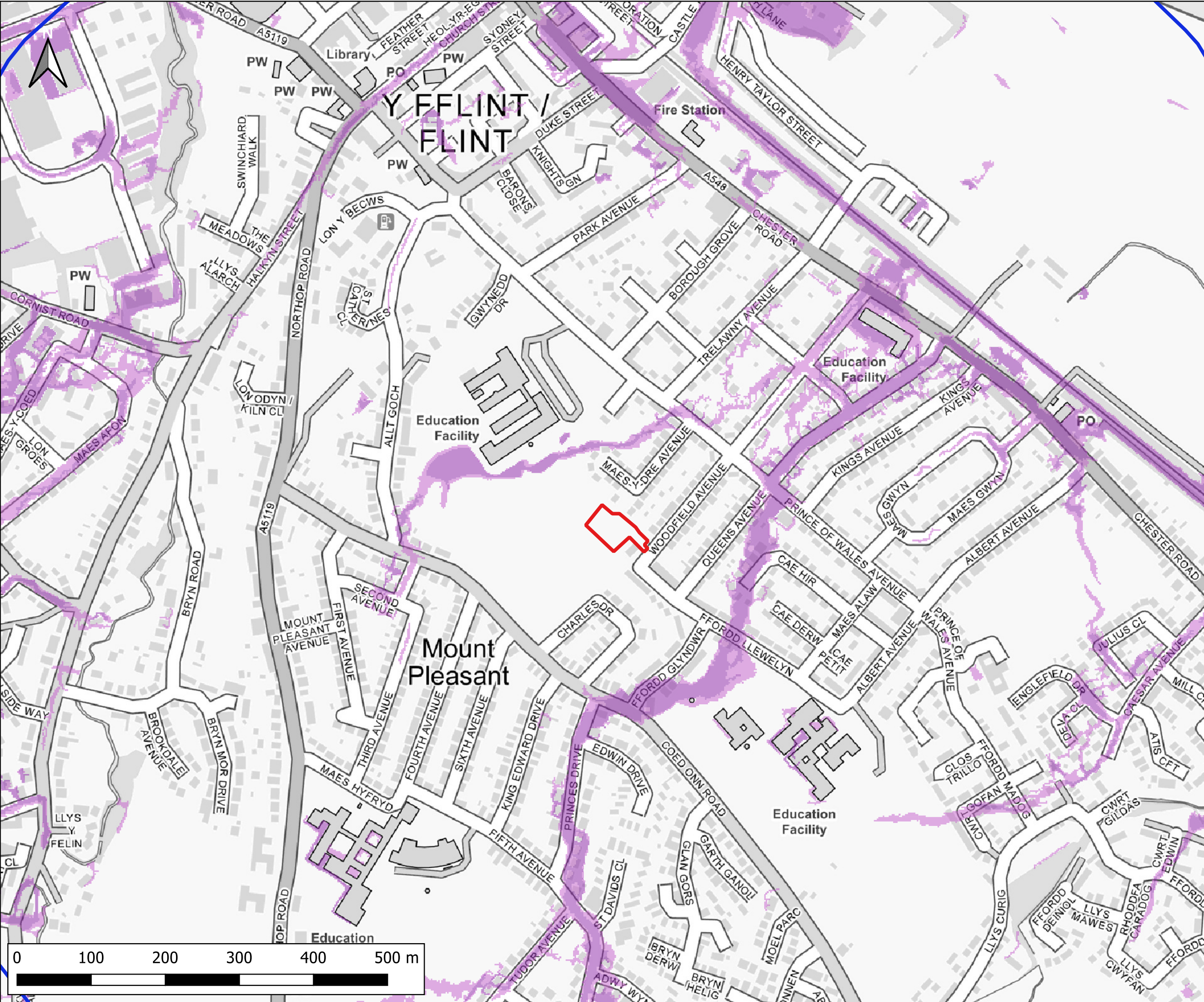
PLOT TITLE:

NRW Flood Risk from Rivers
Data published November 2024

PLOT STATUS:		DATE:	
FINAL		21-03-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MJW	AW	NJ	1:5000

PLOT NAME:	REVISION:
16445_NRW_Flood_Risk_from_Rivers	-



Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 1km buffer
- Flood Zones - Surface Water & Small Watercourses
 - Flood Zone 1
 - Flood Zone 2
 - Flood Zone 3

CLIENT:

Enfys Developments Ltd

www.waterco.co.uk

SCHEME:

Former Working Men's Club, Flint

PLOT TITLE:

NRW Flood Zones - Surface Water & Small Watercourses
Data published November 2024

PLOT STATUS:		DATE:	
FINAL		21-03-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MJW	AW	NJ	1:5000

PLOT NAME:	REVISION:
16445_NRW_Flood_Risk_from_Surface_Water	-



Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

Site Boundary

1km buffer

Flood Risk from the Sea

Flood Zone 1

Flood Zone 2

Flood Zone 3

CLIENT:

Enfys Developments Ltd


www.waterco.co.uk

SCHEME:

Former Working Men's Club, Flint

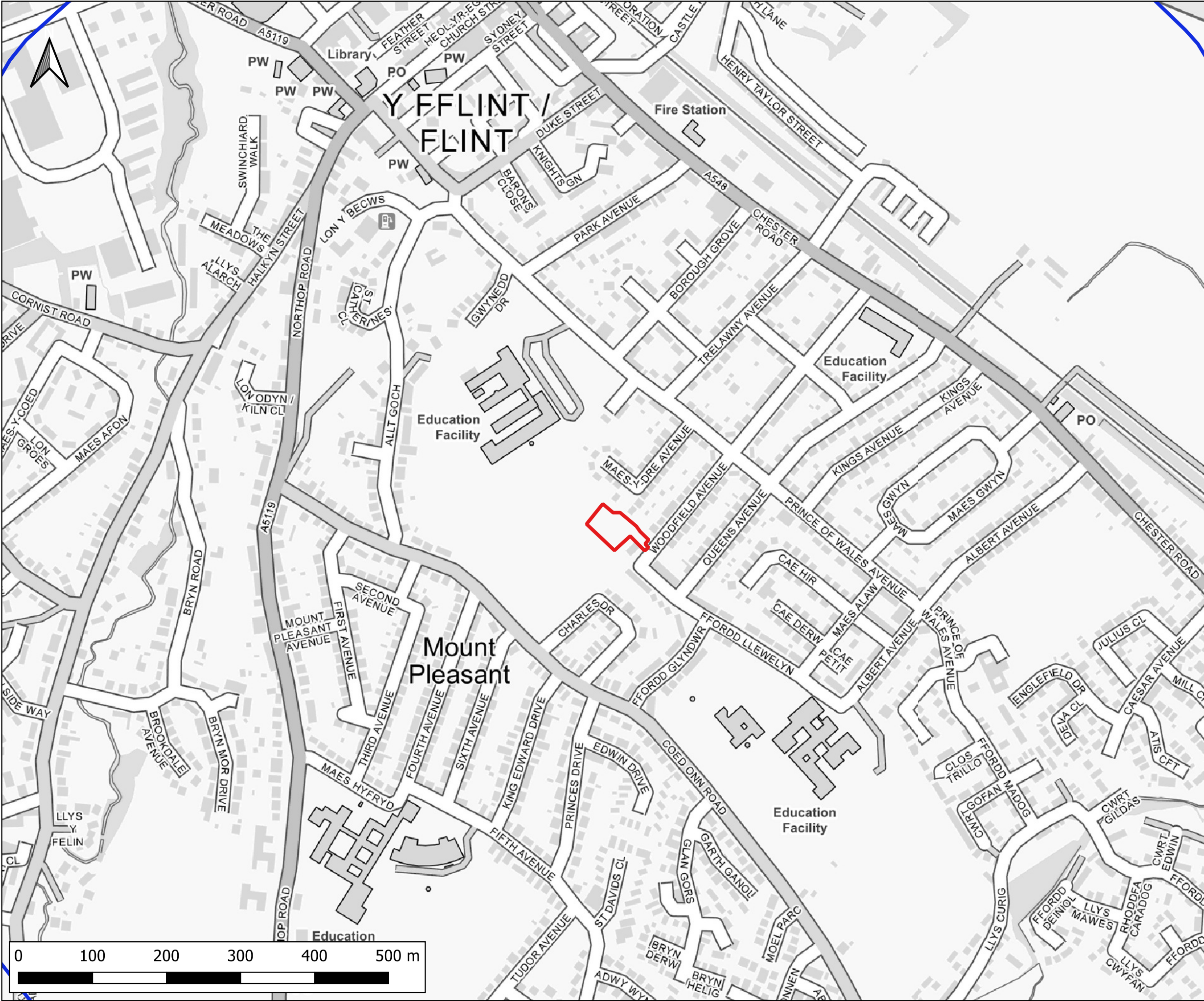
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Data published November 2024

PLOT STATUS:		DATE:	
FINAL		21-03-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MJW	AW	NJ	1:5000

PLOT NAME:	REVISION:
16445_NRW_Flood_Risk_from_the_Sea	-



Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 1km buffer
- Flood Risk from Reservoirs Extent

CLIENT:

Enfys Developments Ltd

www.waterco.co.uk

SCHEME:

Former Working Men's Club, Flint

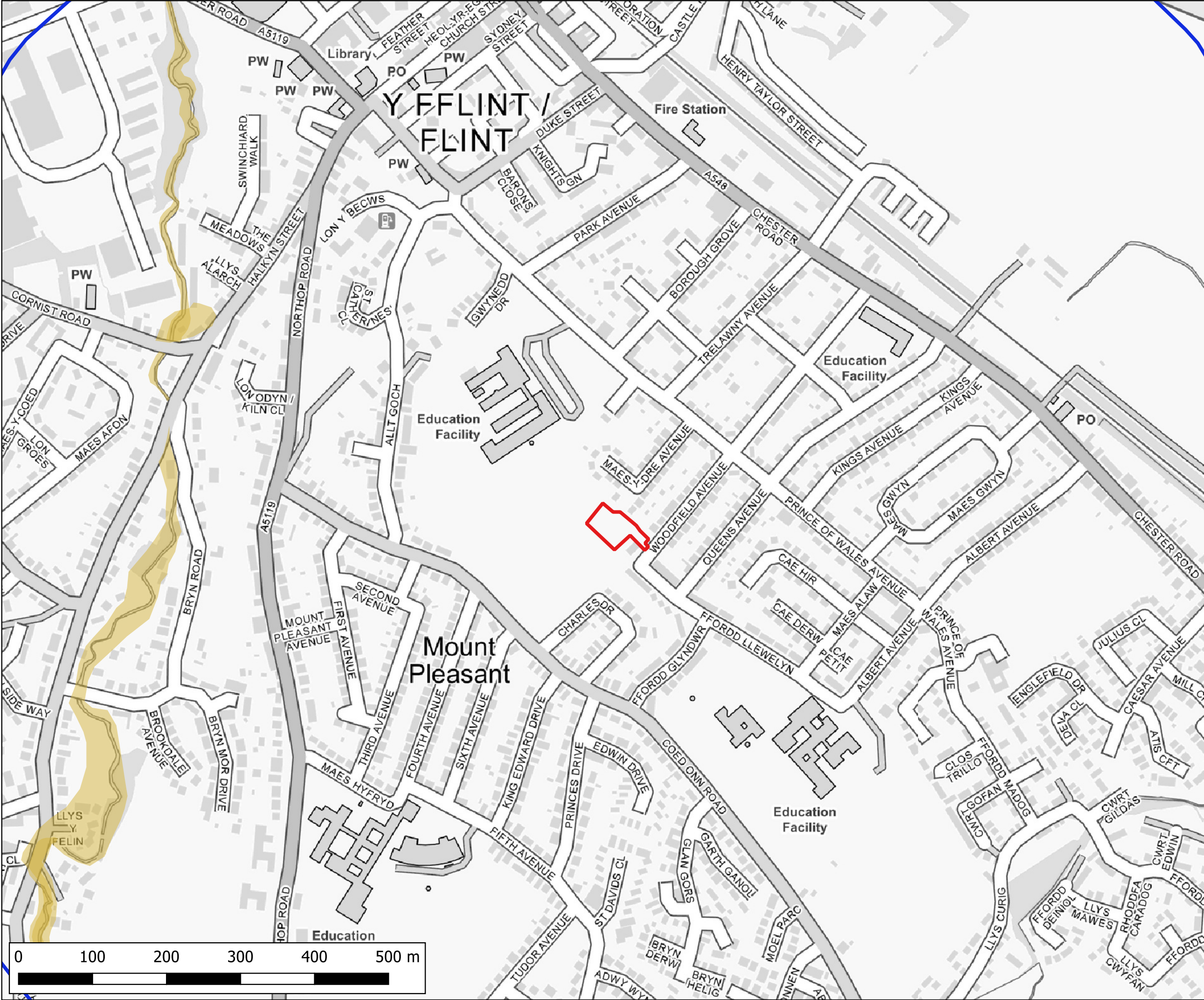
PLOT TITLE:

NRW Flood Risk from Reservoirs
Data published February 2017

PLOT STATUS:			DATE:
FINAL			21-03-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MJW	AW	NJ	1:5000

PLOT NAME:	REVISION:
16445_NRW_Flood_Risk_from_Reservoirs	-



Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 1km buffer
- NRW Recorded Flood Extents

CLIENT:

Enfys Developments Ltd

www.waterco.co.uk

SCHEME:

Former Working Men's Club, Flint

PLOT TITLE:

NRW Recorded Flood Extents
Data published November 2024

PLOT STATUS:			DATE:
FINAL			21-03-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MJW	AW	NJ	1:5000

PLOT NAME:	REVISION:
16445_Recorded_Flood_Extents	-

Appendix J Coal Authority Report



The Coal
Authority

CON29M

coal mining report

8, CLOS PEN COCH, FLINT, FLINTSHIRE



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: **372281214_2**
Our reference: **51003485957001**
Date: **17 March 2025**

Client name:
NLIS Hub

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

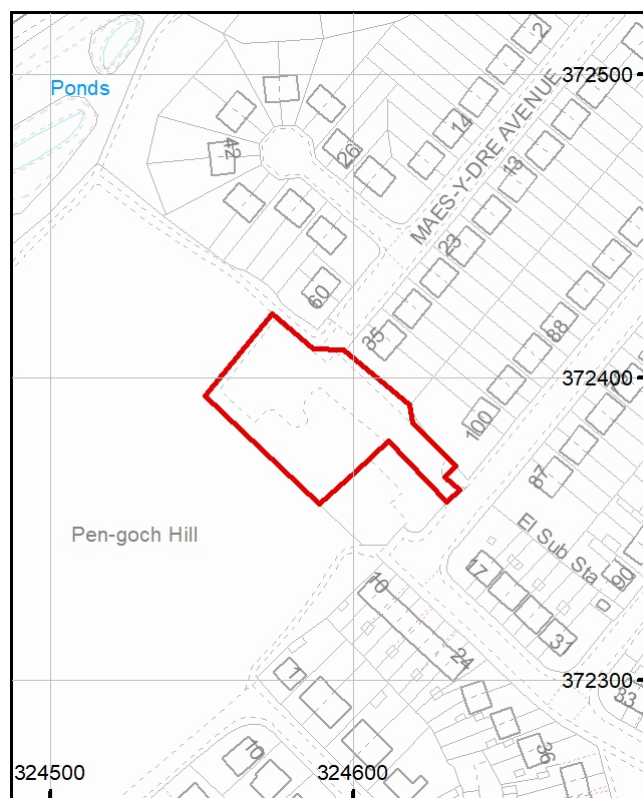


The Law
Society

Enquiry boundary

Key

Approximate position of enquiry boundary shown



We can confirm that the location is
on the coalfield



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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.

MINE GAS: Please note, if there are no recorded instances of mine gas within the enquiry boundary, this does not mean that mine gas is not present within the vicinity. The Coal Authority Mine Gas data is limited to only those sites where a Mine Gas incident has been recorded. 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. In these instances, the Coal Authority recommends that a more detailed Gas Risk Assessment is undertaken by a competent assessor.

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

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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 **0800 288 4242**. 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

mine gas - reports of alleged mine gas emissions received by the Coal Authority within the enquiry boundary that subsequently required investigation and action by the Coal Authority to mitigate the effects of the mine gas emission. Please note, if there are no recorded instances of mine gas reported, this does not mean that mine gas is not present within the vicinity. The Coal Authority Mine Gas data is limited to only those sites where a Mine Gas incident has been recorded

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

Appendix K CIRIA 552

After CIRIA document 552: 'Contaminated Land Risk Assessment; A Guide to good practice'.

Table 1: Classification of Consequence

Classification	Definition
Severe	Short-term (acute) risk to human health likely to result in "significant harm" as defined in the Environmental Protection Act, Part IIA. Short-term risk of pollution of sensitive water resource (note: Water Resources Act contains no scope for considering significance of pollution). Catastrophic damage to buildings/property. A short-term risk to a particular ecosystem, or organism forming part of such ecosystem (note: the definitions of ecological systems within the Draft Circular on Contaminated Land, DETR, 2000)
Medium	Chronic damage to Human Health ("significant harm" as defined in DETR, 2000). Pollution of sensitive water resources (note: Water Resources Act 1991 contains no scope for considering significance of pollution). A significant change in a particular ecosystem, or organism forming part of such ecosystem. (note: the definitions of ecological systems within Draft Circular on Contaminated Land, DETR, 2000)
Mild	Pollution of non-sensitive water resources. Significant damage to crops, buildings, structures and services ("significant harm" as defined in the Draft Circular on Contaminated Land, DETR, 2000). Damage to sensitive buildings/services or the environment
Minor	Harm, although not necessarily significant, which may result in a financial loss, or expenditure to resolve. Non-permanent health effects to human health (easily prevented by means such as personal protective clothing etc.). Easily repairable effects of damage to buildings, structures and services.

Table 2: Classification of Probability

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

Table 3: Comparison of Consequence against Probability

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

Table 4: Description of Classified Risks and Likely Actions Required

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