

Llandarcy Academy, Neath

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Environmental - Geotechnical - Laboratory - Foundations

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**PHASE ONE GEO-ENVIRONMENTAL DESK STUDY REPORT
(PRELIMINARY RISK ASSESSMENT)**



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Report Reviewed By:

James Edley

Client: Portable Venues (Group) Limited (Smart Space)	Subadra Consulting Ltd. Registered in England No. 4586038 Registered Office 13 Triangle Business Park, Stoke Mandeville, HP22 5BL	Report	IN21655 CL 001
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List of Attachments

Attachment One:	Notice to Interested Parties
Attachment Two:	Environmental Data Report and Historical Maps
Attachment Three:	Geo-Insight Report

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1 Introduction

1.1 The Purpose of This Assessment

The development site is located within the Llandarcy Academy of Sport in Llandarcy, Neath and comprises an outdoor rectangular sports pitch covered with artificial grass. We understand the site is to be redeveloped with a new structure to house the current sports pitch area.

We have been commissioned by Neptune Planning and Development, on the behalf of Portable Venues (Group) Limited (Smart Space) to undertake a Phase One Geo-Environmental Report (also known as a Preliminary Risk Assessment).

The purpose of this assessment was to develop an initial conceptual site model of the site and establish whether or not there are potentially unacceptable risks to sensitive receptors from potential contaminants that may be present in the soil and/or groundwater under the site. We have not carried out any intrusive investigation of the site and have made no measurements of actual contamination levels that may be present.

Our environmental assessment was undertaken in accordance with the guidelines presented in the Environment Agency (2020) 'Land contamination risk management (LCRM)' documents and Environment Agency (2010) Guiding principles for land contamination (GPLC).

As part of this assessment we have also undertaken a desk based review of how various geotechnical considerations may impact upon the proposed scheme.

All the activities comprising this assessment were carried out in accordance with the procedures set out in our Quality Manual. Your attention is drawn to the Notice to Interested Parties included as Attachment One.

1.2 The Scope of This Assessment

Our assessment included:

- A review of geological, hydrogeological and hydrological information to establish environmental sensitivities at the site and in its vicinity;
- A review of available historical information to determine the historical use of the site and its immediate surroundings;
- Compilation of a Conceptual Site Model and completion of a Qualitative Risk Assessment;
- A preliminary assessment of geotechnical considerations;
- Preparation of a report, outlining findings and recommendations, including requirements for any further work (if necessary);

The findings and opinions in this review are based upon information obtained from the sources outlined above. Information obtained from third parties has been accepted at face value however we do not guarantee its authenticity. Where practicable the information provided was confirmed from a secondary source such as the review of available municipal records.

1.3 Previous Reports Relating to the Site

We do not hold, and have not been provided with any, previous reports relating to the site.

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1.4 Proposed Development Plans

Proposed Developments	We understand the site/pitch is to be redeveloped by erecting a new structure to house the current sports pitch area. The building details are as follows: 15m x 30m x 5.2m side height (external), with a 7.678m roof height comprising twin layer insulated PVC, 40mm composite wall panels and two pedestrian doors. The location and a side/end view of the proposed structure is included below.
Active Planning Applications	At the time of writing this report, a planning application for the site's redevelopment had not been submitted.
Notes	We understand that this report is to be submitted in support of a planning application for the site's redevelopment. Whilst our assessment has not been compiled to directly satisfy any specific planning conditions, the information contained in this report may assist in satisfying any such requirements.

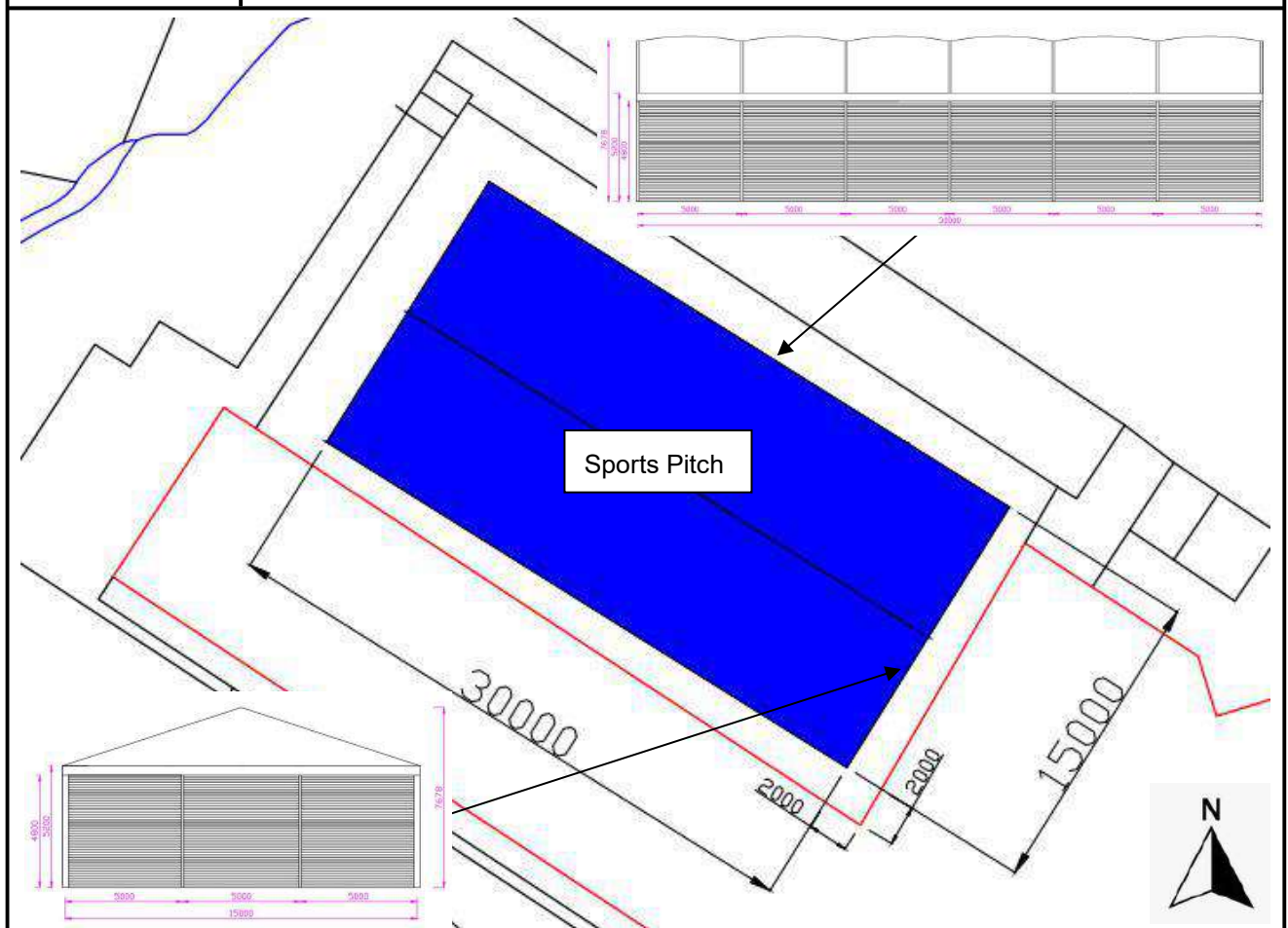


Table One: Proposed Development Plans

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2 Desk Study Information

2.1 Site Description, Location and Setting

Site Description	The site comprises an outdoor rectangular sports pitch covered with artificial grass. There are Llandarcy Academy related structures to the immediate south and east of the pitch, with a car park to the immediate north.		
Grid Reference	271870 195530	Location	In central Llandarcy, ~3.6km to the south-west of Neath town centre.
Elevation (approx)	~40m AOD		
Size (approx)	~0.09ha		

Table Two: Site Location and Setting

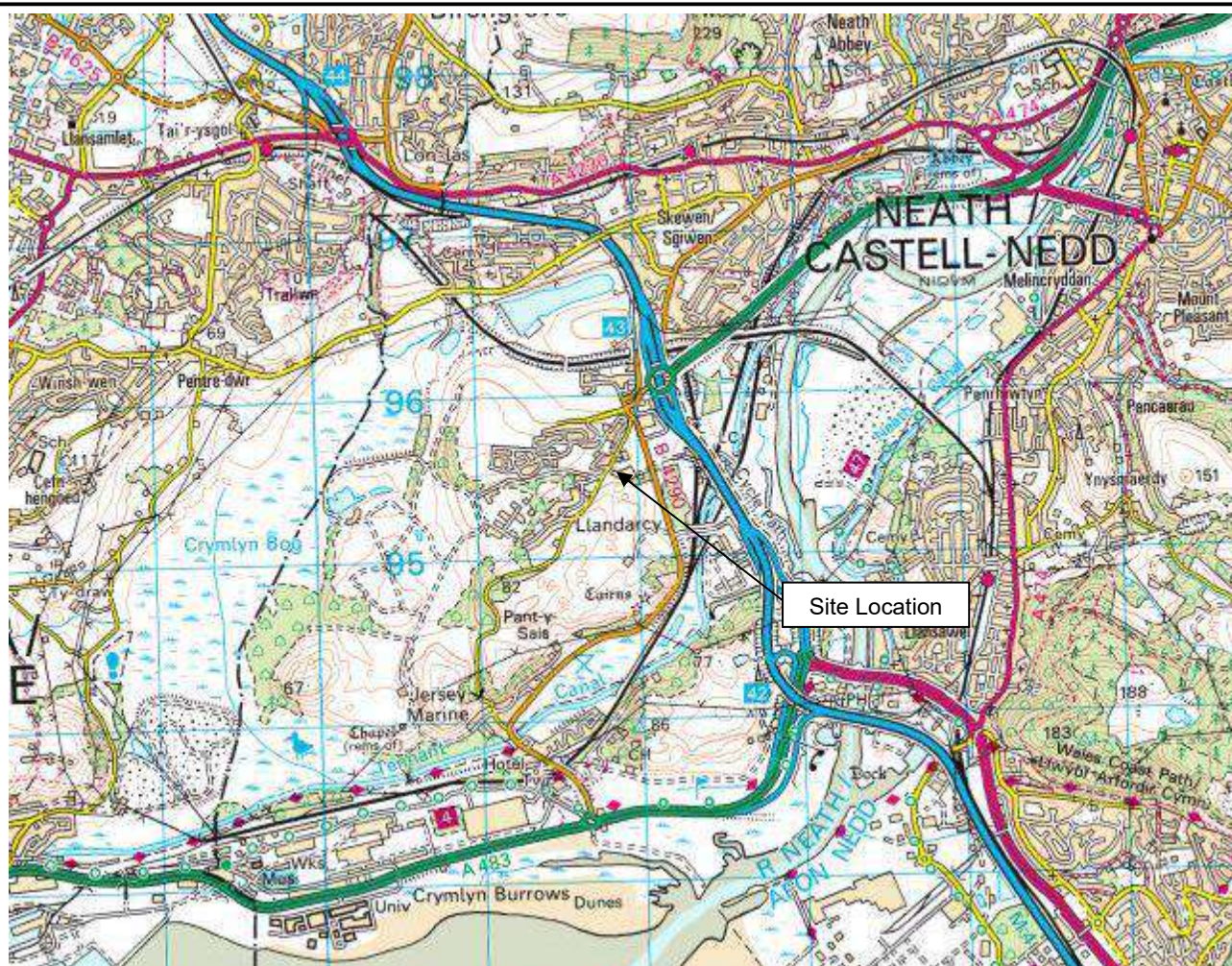


Figure One: Site Location Map

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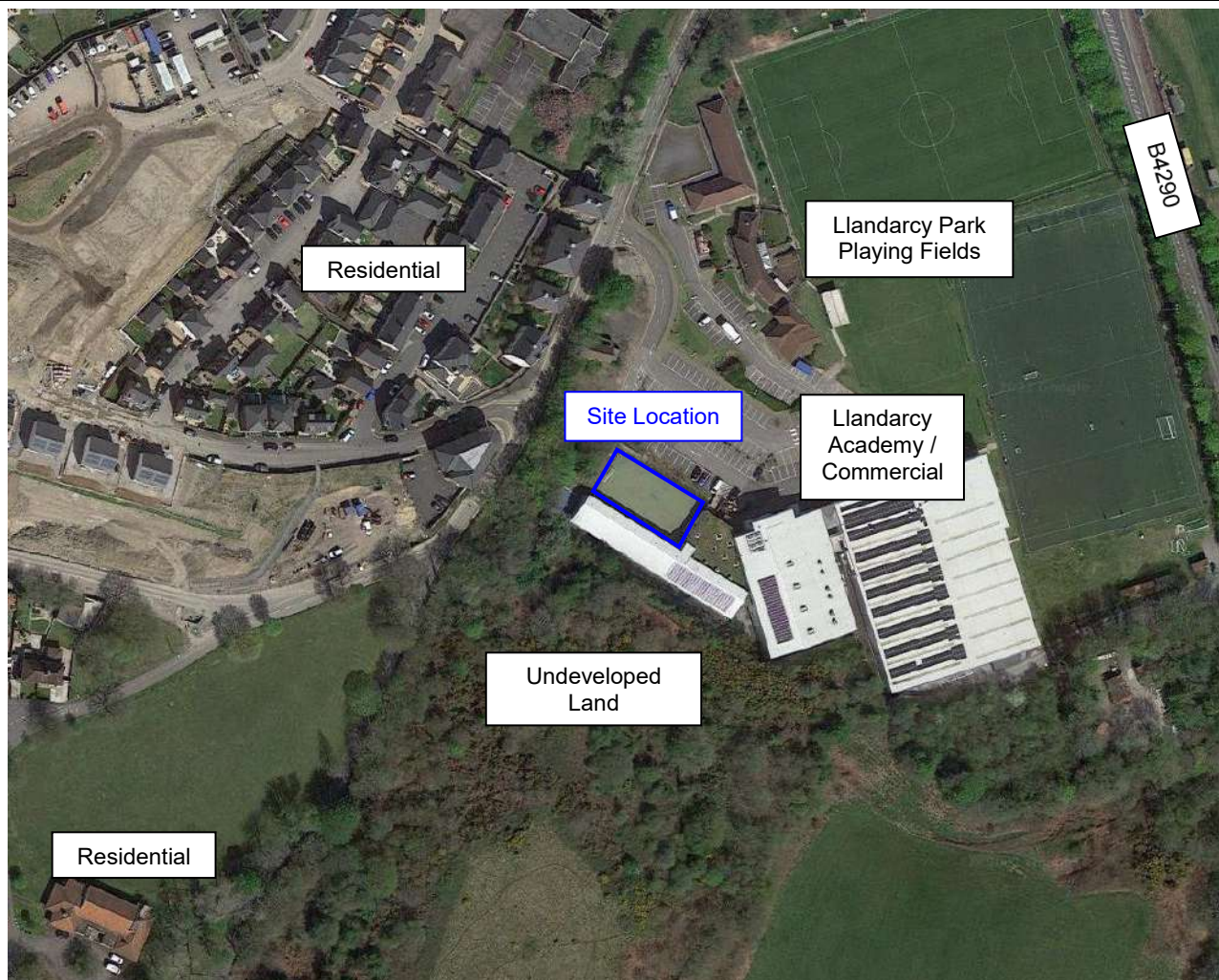


Figure Two: Aerial Photograph Showing Site and Surrounding Area

Direction	Details
North	Car park (adjacent) followed by buildings associated with Llandarcy Academy (>50m).
East	Buildings forming part of Llandarcy Academy (adjacent).
South	A building forming part of Llandarcy Academy (adjacent), followed by undeveloped land.
West	Road followed by residential properties (>25m).

Table Three: Surrounding Land Use

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2.2 Geology, Hydrogeology and Hydrology

	Geological Unit	Description	Estimated Thickness	Data Source
Drift Geology	None shown at the site's location.			British Geological Survey (BGS)
Solid Geology	Brithdir Member / South Wales Upper Coal Measures Formation	Sandstone with thin mudstone/siltstone and seatearth interbeds and mainly thin coals.	~45m	
Nearby Borehole Records	The BGS hold records for a borehole constructed ~500m to the north of the site/pitch (BGS ref. SS79NW263). This records the underlying geology to comprise sand, pebbles and soil to ~5.5m, overlying a thin coal band (~0.15m thick), blue clay to ~6.4m, clay and pebbles to ~11.6m, hard rock to ~29m, followed by layers of rock, clift, fireclay and thin coal to borehole termination depth of ~80m.			

Table Four: Regional Geology

	Geological Unit	Environment Agency Aquifer Classification	Groundwater Vulnerability	Data Source
Drift Geology	None shown at the site's location.			Natural Resources Wales (NRW)
Solid Geology	Brithdir Member / South Wales Upper Coal Measures Formation	Secondary Aquifer (Class A)	Low	
Nearby Borehole Records	The BGS borehole referenced above makes no comment regarding groundwater. A different borehole (BGS ref. SS79NW263) located ~600m to the south-west of site recorded a groundwater strike at 3.0m, with a resting level of 6.0m twenty minutes later.			BGS

Table Five: Regional Hydrogeology

	Description	Distance	Direction	Data Source
Surface Water Features	Unnamed stream/spring (Flowing in a NE direction)	<10m	W/NW	Ordnance Survey
	Pond/open culvert	~40m	N	

Table Six: Regional Hydrology

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Abstraction	Surface Water			Groundwater		
	Distance	Direction	Purpose	Distance	Direction	Purpose
Nearest	~970m	NW	Cooling	None within 1km		
Nearest Public Water Supply	None within 1km		None within 1km			
Site located in an Natural Resources Wales defined 'Source Protection Zone'						No
Data sourced from Natural Resources Wales						
Table Seven: Nearest Surface and Groundwater Abstractions						
2.3 Site History						
2.3.1 Historical Maps						

Date	Review of Map – Description of Land Use at Site and in the Immediate Surrounding Area	Potentially Contaminative Land-use	
		On-site	Off-site
1878-1882 (1:2,500)	Site is shown undeveloped, however the area near the eastern/south-eastern boundary likely forms part of an 'old pit'. A cottage is shown to the north (~50m) with a well marked in close proximity. Springs are labelled to west and south west (<60m). An old pit is labelled to the east (~20m), with an old quarry shown to the south (~90m). The surrounding area remains largely undeveloped.	Old pit/quarry	Old pit/quarry and an old shaft to the east
1899 (1:2,500)	Site is shown undeveloped, however the area near eastern/south-eastern boundary now likely forms part of a quarry. A building is shown to the south (~30m). No significant changes to the surrounding area.		
1918 (1:2,500)	The eastern/south-eastern boundary shown to clearly fall within an old quarry. An 'old shaft' is labelled <10m to the east. No significant changes to the surrounding area. Old/disused drift shown to the south-east (~50m).		
1940-1941 (1:2,500)	No significant changes to site. An 'old shaft' still labelled <10m to the east. Residential development and a hall shown to the south-west of site (>150m).		

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Date	Review of Map – Description of Land Use at Site and in the Immediate Surrounding Area	Potentially Contaminative Land-use	
		On-site	Off-site
1965 (1:2,500)	Small structure shown within the eastern boundary. Additional buildings shown to the north, including a pavilion associated with the adjacent playing fields (<100m). Substantial development (commercial / industrial) shown to the north-west/north of site, including several large structures (<200m). Several above-ground tanks shown to the north (~250m).	None identified	Oil Refinery / property with above-ground tanks shown to the north
1970-1971 & 1989 (1:2,500)	No significant changes to site or surrounding area.		
1993 (1:2,500)	No significant changes to site or immediate surrounding area. Oil refinery labelled to the north-west (~200m).		

Copies of representative historical maps are included as Attachment Two

Table Eight: Historical Maps Review

2.3.2 Planning Records

Date	Application Number	Local Planning Authority – Planning Records (from local planning authority website)	Evidence of Development
13 July 2009	P2009/0662	Proposed multi-function sports hall with ancillary sports science teaching areas.	Yes - Approved
25 June 2010	P2010/0641	Part two storey and part single storey extension to phase 2 sports centre to accommodate athletics warm up area and running track together with outdoor multi use games area and associated ground works.	Approved
08 November 2010	P2010/1129	Detached building to accommodate gymnasium for a temporary period of 6 years (outline).	
03 October 2016	P2016/0868	New 12 space overflow car park and associated engineering works. And the retention of change of use from Sports Pavilion (Class D2) to Restaurant (Class A3), a rear conservatory, and the retention and completion of rear raised decking area.	Yes - Approved
20 February 2017	P2017/0167	Retention of portacabin structure for a physiotherapy use and associated engineering works.	Approved

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Date	Application Number	Local Planning Authority – Planning Records (from local planning authority website)	Evidence of Development
15 Nov 2019	P2019/5604	Prefabricated building for physiotherapy.	Approved
08 Apr 2021	P2021/0394	Siting of 2 No. demountable buildings for the use of physiotherapy plus re-siting of existing demountable physio building for a temporary period of 5 years.	
09 Apr 2021	P2021/0399	Change of use of land for the siting of a mobile MRI scanning machine trailer.	Unknown

Table Nine: Summary of Online Planning Records

2.4 Additional Information

Flood Risk Zone	Flood Risk	Data Source
Low (majority of site)	Probability of flooding from surface water and small watercourses is between 1 in 1,000 (0.1%) and 1 in 100 (1%) per year.	Natural Resources Wales Flood Map
Medium (adjacent)	Shown in close proximity to western boundary [between 1 in 100 (1%) and 1 in 30 (3.3%) per year]. A flood risk assessment may be required as part of future planning applications.	

Table Ten: Preliminary Flood Risk Assessment

Risk	Description	Data Source
Radon Risk	The site is located in an area where less than 1% of <i>homes</i> are estimated to be at or above the Action Level. Therefore, no radon protective measures are likely to be necessary in the construction of new recreational structures.	British Geological Survey, National Geoscience Information Service
Nearest Landfill	The Environment Agency records show that there are no current or past landfill sites within 250m of the site.	Natural Resources Wales
Degradable material within Made Ground	Made Ground is likely to be present beneath site, associated with the surface and underground workings outlined in Table Twelve below, and in our historical map review. Data suggests these workings may be associated with a historical sandstone quarry and/or coal mining. Degradable material may be present within the Made Ground, although unlikely to be in significant quantities.	Historical Maps
Peat and organic matter within alluvial deposits	No source identified on-site. No superficial deposits shown to be present beneath site.	BGS

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Risk	Description	Data Source
Natural deposits (e.g. coal measure strata).	Near surface geology comprises Brithdir Member / South Wales Upper Coal Measures Formation. Nearby boreholes show the underlying geology to contain bands of coal. Coal measures pose a potential source of hazardous ground gas, including methane and carbon dioxide. Anthropogenic features such as mine shafts, indicated to be present in the vicinity and potentially on-site, can provide migration pathways to the surface, which may cause significant concentrations of ground gases and flow rates.	BGS Historical Maps Groundsure
Organic rich silt formed in water bodies (e.g. Ponds, docks and rivers).	A surface water feature is located in close proximity to the western boundary (~5m). However, the size of the feature makes it an unlikely source of significant hazardous ground gas.	Ordnance Survey
Conclusions	Whilst we have identified various potential sources of hazardous ground gases associated with the site, we consider the risk of impact to be low.	

Table Eleven: Hazardous Ground Gas Risk

Risk	Description	Data Source
Risk of Coal Mining	The site is located in an area considered to be at potential risk from coal mining activities. The Coal Authority shows recorded mine entries in the immediate vicinity of the site location. The site is also located within a Development High Risk Area. <i>'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.'</i> We have prepared a Coal Mining Risk Assessment (report ref. IN21655 CL 002), which presents a more detailed assessment of the risks associated with historical coal mining activities.	Coal Authority
Solution Feature Risk	Negligible Risk. Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.	British Geological Survey Ordnance Survey/ Groundsure
Shrinking or Swelling Clay	Negligible. Ground conditions are predominantly non-plastic.	
Compressible Deposits	Negligible Risk. Compressible strata are not thought to occur.	

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Risk	Description	Data Source
Collapsible Deposits	Very Low Risk. Deposits with potential to collapse when loaded and saturated are unlikely to be present.	British Geological Survey Ordnance Survey/ Groundsure
Running Sands	Negligible Risk. Running sands are not thought to occur whatever the position of the water table. There are no identified constraints on land use due to running conditions.	
Landslides	Very Low Risk. Slope instability problems are unlikely to be a risk.	
Surface Ground Workings	Seven surface workings are indicated on-site, derived from maps dated between 1914-1964.	
Underground Workings	Four underground workings (old shafts) are indicated on-site, derived from maps dated between 1914-1964.	

Table Twelve: Other Geological Hazards

3 Outline Conceptual Site Model and Preliminary Risk Assessment

We have used the information presented in the previous sections of this report to create an outline Conceptual Site Model for the site. We have reviewed potential contaminants and their receptors together with any possible pathways that may link them. The resulting pollutant linkages are summarised on the following page:

Contaminant	Pathway	Receptor	Viable Pollutant Linkage
Historical maps suggest the eastern end of site had formed part of a quarry/mine since at least the 1870s (up to 1960s), likely associated with sandstone quarrying and/or coal mining. Information obtained from maps dating between 1914-1964, has indicated seven surface workings and four underground workings (old shafts) were formerly on-site or in very close proximity. <i>As below...</i>	Ingestion and dermal contact	Future site users	No - aggregate layer and artificial grass cover will act as a barrier and mitigate risk of impact
	Permeation of volatile contaminants into drinking water supply service pipes		Unlikely - whilst the site's past use as a quarry/mine may have led to contamination of shallow soils, any significant contamination is likely to have been dealt with as part of the 2010 development of the site.
	Volatilisation of contaminants to indoor/outdoor air (either direct from soils or dissolved in groundwater)		

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Contaminant	Pathway	Receptor	Viable Pollutant Linkage
<i>As above.</i> Planning records suggest the site was developed as a sports academy at some point around 2010. Our desk study has identified the potential for made/disturbed ground on-site, associated with mining and quarrying activities. Whilst this could represent a potential source of contamination, any significant contamination is likely to have been dealt with as part of the 2010 development [although no records of any site investigation or remedial works were available on the planning portal.]	Off-site migration of hydrocarbons: volatilisation to indoor/outdoor air (vapours from on-site soils or via lateral migration of dissolved compounds)	Commercial and residential properties in the vicinity of site	Unlikely - whilst the site's past use as a quarry/mine may have led to contamination of shallow soils, any significant contamination is likely to have been dealt with as part of the 2010 development of the site.
	Off-site migration of contaminants via artificial/man-made features		
	Downward migration of contaminants to groundwater	Secondary Aquifer - Class A	
	Off-site migration of contaminants dissolved in groundwater leading to direct impact of environmental receptors	Stream <10m NW	
Off-site sources of potential contamination, including surface and underground workings	On-site migration of contaminants: vapours from off-site soils or via lateral migration of dissolved compounds	Site users	
Hazardous Ground Gases (methane and/or carbon dioxide) associated with made ground and/or underlying coal measures	Accumulation beneath and/or infiltration into site buildings	Site workers	Whilst we have identified various potential sources of hazardous ground gases associated with the site, we consider the risk of impact to be low.

Table Thirteen: Preliminary Conceptual Site Model

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4 Conclusions and Recommendations

4.1 Environmental Conclusions

Site Details	The development site is located within the Llandarcy Academy of Sport in Llandarcy, Neath and comprises an outdoor rectangular sports pitch covered with artificial grass. We understand the site is to be redeveloped with a new structure to house the current sports pitch area.
Review of Environmental Site Sensitivity	The site is located in an area of moderate environmental sensitivity. The underlying geology is shown to comprise Brithdir Member / South Wales Upper Coal Measures Formation which is defined by NRW as a Secondary Aquifer (Class A). An unnamed stream/spring is located <10m to the west/north-west of site. We have not identified any at risk abstractions within a 1km radius of site. The site does not lie within a designated Source Protection Zone.
Review of Site History and Potential Contaminant Sources	Historical maps suggest the site had formed part of a quarry/mine since at least the 1870s (up to 1960s), likely associated with sandstone quarrying and/or coal mining. Groundsure information, obtained from maps dating between 1914-1964, has indicated seven surface workings and four underground workings (old shafts) were formerly on-site, or in very close proximity. Planning records suggest the site was developed as a sports academy at some point around 2010. Our desk study has identified the potential for made/disturbed ground on-site, associated with historical coal mining and/or sandstone quarrying activities. This could also represent a potential source contamination. No records relating to any previous site investigation and/or remedial works were available on the planning portal.
Conclusions	Based on the results of our desk-top review, we have identified potentially contaminative historical land uses at the site's location. However, any significant contamination is likely to have been dealt with as part of the 2010 development of site. We therefore consider the likelihood of significant contamination to be present is relatively low. We do not consider the proposed development will pose any specific contamination risk to underlying shallow soils and/or groundwater. We have identified potentially significant geotechnical risks at the site, associated with historical mining and quarrying activities. See Table Sixteen for our recommendations.

Table Fourteen: Environmental Conclusions

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4.2 Geotechnical Considerations

Anticipated Geology and Hydrogeology	The BGS hold records for a borehole constructed ~500m to the north of the site/pitch (BGS ref. SS79NW263). This records the underlying geology to comprise sand, pebbles and soil to ~5.5m, overlying a thin coal band (~0.15m thick), blue clay to ~6.4m, clay and pebbles to ~11.6m, hard rock to ~29m, followed by layers of rock, clift, fireclay and thin coal to borehole termination depth of ~80m. A different borehole (BGS ref. SS79NW263) located ~600m to the south-west of site recorded a groundwater strike at 3.0m, with a resting level of 6.0m twenty minutes later. An intrusive geotechnical investigation would be required to confirm the nature of the geology beneath the subject site. This would allow for an assessment of the soil strength profile and engineering properties, assist with the design of appropriate foundations and highlight potential development constraints.
Use of Soakaways	The Brithdir Member shown to be present beneath the site likely comprises sandstone (weathered at surface) of potentially moderate to high permeability. The use of soakaways may be suitable to receive surface water run off from the proposed structure. Soakaway testing, in accordance with BRE365, should be carried out if these are still be considered an option as part of a future drainage system.
High Plasticity Soils	Negligible. The BGS has indicated ground conditions are predominantly non-plastic. However, site specific data would be required to verify this.
Areas of Made Ground and/or Soft Ground	We recommend that any areas of Made Ground and/or any soft regions of clay encountered be replaced with suitably compacted granular inert granular fill material to ensure a suitable bearing capacity.
Temporary Support Measures	Shallow excavations are likely to be formed within weathered sandstone and may not remain stable for short periods without support or being battered back. An assessment of side wall stability will need to be undertaken on-site by a suitably qualified engineer.
Services	It is possible that buried services are present beneath the development area. A below ground utility survey, completed as part of pre-enabling works, would enable the location of these services to be established and assist with determining how they may impact upon the proposed development.
Waste Classification	Soils excavated (if any) at the site are likely to be classified as inert/non hazardous. We recommend that all potentially impacted soils are classified prior to disposal. All waste soils and fill materials must be disposed of at an appropriately licensed disposal site. A registered waste haulage contractor must transport all waste soils. It is the responsibility of the site owner to ensure that wastes are safely transported and disposed of correctly.
Presence of Unrecorded Buried Obstructions and Services	This site and immediate surrounding area has a fairly significant mining/quarrying history. There is a possibility of buried obstructions at the site. Services may be encountered in shallow excavations at the site.

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UXO Risk (Zetica Maps)	Site is located in a low risk area for unexploded ordnance.
Trees	Trees appear to be located along the western site boundary. More detailed information about the trees should be sought from a specialist arboriculturist, including the height, species and, maturity of the trees. This information, along with site specific soil plasticity/volume change potential data should be used to determine minimum foundation depths for the proposed development.
Coal Mining	The site is located in an area considered to be at potential risk from coal mining activities. The Coal Authority shows recorded mine entries in the immediate vicinity of the site's location. The site is also located within a Development High Risk Area. We have prepared a Coal Mining Risk Assessment (report ref. IN21655 CL 002), which presents a more detailed assessment of the risks associated with historical coal mining activities.
Geotechnical Categorisation:	Eurocode 7 introduced a system of three geotechnical categories (Geotechnical Category 1, 2, 3). Based on our understanding of the proposed redevelopment plans, the scheme may be categorised as Geotechnical Category 2. This is defined as a category that includes conventional types of structures and foundations with no abnormal risks, requiring conventional calculations.

Table Fifteen: Geotechnical Considerations

4.3 Recommendations

We make the following recommendations relating to the proposed development:

Intrusive Investigation	We have identified potentially contaminative historical land uses and significant geotechnical risks at the site, associated with historical mining/quarrying activities. Information obtained from maps dating between 1914-1964, has indicated seven surface workings and four underground workings (old shafts) were formerly on-site or in very close proximity. We are not aware of any ground investigation having already been carried out. In the absence of any previous investigation work, a limited intrusive geotechnical investigation may be required at the site, prior to the development of the proposed structure. The ground investigation would allow for an appraisal of the underlying ground conditions, identify potential constraints to redevelopment and provide recommendations for temporary works, foundations and general construction advice in the context of the proposed development. Limited environmental sampling and analysis should be carried out if, subject to site observations during the geotechnical investigation, any potential contamination is identified or suspected. Monitoring for hazardous ground gases could also be incorporated into the intrusive geotechnical investigation, if required.
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Pollution Watching Brief

As with any previously developed land, we recommend that a watching brief be maintained by the contractors carrying out demolition / construction activities. If any areas of contamination (or suspected contamination) are observed, we recommend that we should be contacted to complete verification of the underlying soils to ensure no potential risks could be posed to future site users.

Regulator Consultation

We recommend that this report is forwarded to the relevant statutory consultees in order to seek their comments and subsequent approval.

Your attention is drawn to the Notice to Interested Parties included as Attachment One.

Table Sixteen: Recommendations

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**ATTACHMENT ONE:
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NOTICE TO INTERESTED PARTIES

The purpose of our work is to provide general information on the environmental and/or geotechnical conditions existing at the site and related to soil and/or groundwater. The Client or others specified the scope of the investigation and the validity of our conclusions is limited by the scope of work specified. We are not responsible for any such limitations or omissions.

Where stated in this report, we have used information supplied by third parties. While we have evaluated as far as possible the validity of this information, we cannot guarantee its accuracy in any way whatsoever.

No investigation technique is capable of completely identifying all of the contaminants that might be present in the soil or groundwater under a site. Where specified in our report, we have examined the ground by constructing a number of boreholes and/or trial pits. We recovered samples of soil and/or groundwater from available exposures.

The depth and spacing of our Sampling locations were selected to ensure with a reasonable probability that they would be representative of the actual conditions across the whole site. However, safety considerations relating to existing site infrastructure may have restricted our ability to investigate all potential contaminant sources. Specifically, we were unable to investigate the soil and groundwater condition immediately adjacent to the underground structures and/or buried services. These limitations must be borne in mind when considering the conclusions reached in this report.

Soil is intrinsically variable and the spread of contaminants within the soil is therefore subject to a degree of non-uniformity. For these reasons no sampling technique can completely eliminate the possibility of obtaining samples that are not representative of the actual conditions. Our sampling techniques are intended to reduce the possibility to an acceptable level, within the limits imposed by the scope of the investigation.

Groundwater levels and soil vapour levels that we report were accurate at the time of the investigation. Groundwater and soil vapour levels are variable. Long term monitoring may be required to ensure that the levels recorded during our investigation are representative of long term and possible 'worst case' conditions. In accepting our recommendations and/or conclusions the Client acknowledges that further, more detailed investigation would allow a more accurate assessment of site conditions to be made and that this would reduce any consequential risk to the Client.

Our investigation was carried out to assess the significance of contamination resulting from use of the site as identified in this report. Unless we have indicated otherwise, no assessment of the potential impact of any other previous uses has been made. No investigation was carried out to determine whether or not any deleterious or hazardous materials (such as asbestos) have been used in the construction of the buildings present on the site. Unless otherwise stated no investigation or assessment has been made of the presence or otherwise of invasive plant species including but not limited to Japanese Knotweed.

Unless specifically stated otherwise, we have not assessed the effect of any proposed future construction activities on existing structures on or near to the site. Nor, unless stated otherwise, have we assessed the likely effect of trees on existing or proposed structures on or near the site.

We do not accept any responsibility for the cost of remedial works or other costs incurred in whatever way whatsoever as a result of any omissions, errors or other shortcomings in this report unless we have been given reasonable opportunity to verify ourselves that such faults exist and we have been given a reasonable opportunity to carry out works to remedy such faults ourselves using the most practicable means available to us. We do not accept liability for any consequential losses incurred by you while either we or others carry out any remedial works we deem necessary.

This report has been prepared for the Client, as specified on the cover page of this report. In accepting our recommendations and/or conclusions the Client accepts that the terms of our appointment were as detailed in the Proposal, or Proposals, that we provided to the Client before being appointed and that these terms supersede any other terms and/or conditions set out in any contracts agreed between ourselves and the Client, regardless of when such terms and/or conditions were agreed to by us and/or signed by us.

Use of, and reliance on, this report by other third parties will be at such third parties own risk, and we do not accept any liability or responsibility to them.

Neither the whole nor any part of this report, or any reference to it, may be included in any published document circular or statement or published in any way without our prior written approval.

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Client: Portable Venues (Group)
Limited (Smart Space)

Report	IN21655 CL 001
Date	November 2021
Page	Attachment One - 2

**ATTACHMENT TWO:
ENVIRONMENTAL DATA REPORT AND HISTORICAL MAPS**

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

285963284_1_1

Customer Reference:

IN21655

National Grid Reference:

271870, 195530

Slice:

A

Site Area (Ha):

0.09

Search Buffer (m):

1000

Site Details:

Llandarcy ACADemy of Sport
Access Road to Llandarcy Village
LLANDARCY
SA10 6JD

Client Details:

Mr S Partridge
Subadra Consulting Ltd
Unit 13 Triangle Business Park
Wendover
Bucks
HP22 5BL

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	32
Hazardous Substances	36
Geological	38
Industrial Land Use	42
Sensitive Land Use	47
Data Currency	48
Data Suppliers	52
Useful Contacts	53

Introduction

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

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 3			3	3
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls	pg 4			8	
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 6			1	9
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 7		Yes		
Pollution Incidents to Controlled Waters	pg 7			3	5
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 8				1
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 9				1
Water Abstractions	pg 9				4 (*5)
Water Industry Act Referrals	pg 11			1	
Groundwater Vulnerability Map	pg 11	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 11	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 11		12	31	137

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 32				1
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 32			1	9
Local Authority Landfill Coverage	pg 34	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Registered Landfill Sites	pg 34				1
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites	pg 35				1
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)	pg 36			1	2
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)	pg 36			1	
Planning Hazardous Substance Consents	pg 36		2	1	6
Planning Hazardous Substance Enforcements					
Geological					
BGS 1:625,000 Solid Geology	pg 38	Yes	n/a	n/a	n/a
BGS Recorded Mineral Sites	pg 38		4	3	5
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 40	Yes	n/a	n/a	n/a
Mining Instability	pg 40	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 40	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 40	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 40		Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 41		Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Industrial Land Use					
Contemporary Trade Directory Entries	pg 42		2	12	33
Fuel Station Entries					
Gas Pipelines					
Underground Electrical Cables					
Sensitive Land Use					
Ancient Woodland	pg 47		1		3
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves	pg 47				1
Marine Nature Reserves					
National Nature Reserves	pg 47				1
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites	pg 47				1
Sites of Special Scientific Interest	pg 47				1
Special Areas of Conservation	pg 47				1
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (W)	0	1	271871 195534
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (W)	0	1	271850 195534
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (S)	15	1	271871 195500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	30	1	271850 195500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (N)	48	1	271850 195600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (S)	65	1	271871 195450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (S)	68	1	271900 195450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	77	1	271800 195600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (N)	97	1	271871 195650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (W)	106	1	271750 195500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (S)	117	1	271900 195400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	132	1	271750 195450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	134	1	271950 195400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	147	1	271871 195700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (W)	154	1	271700 195500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	179	1	271950 195350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (N)	216	1	271950 195750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (S)	226	1	271950 195300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	246	1	272000 195300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	263	1	271950 195800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	269	1	272050 195750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	284	1	272000 195800

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 (NE)	301	1	272100 195750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	338	1	272150 195750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	339	1	272100 195800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	357	1	272050 195200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	372	1	271950 195150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	377	1	272150 195250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	377	1	272200 195750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (NW)	383	1	271700 195900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	385	1	272200 195300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (NE)	395	1	272050 195900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	397	1	271850 195950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	397	1	271871 195950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	402	1	271800 195950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (NE)	408	1	272200 195800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	412	1	271750 195950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	416	1	271900 195100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	421	1	271950 195100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	432	1	272000 195100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14SW (SE)	447	1	272300 195350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	449	1	271900 196000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A18SE (NE)	449	1	272150 195900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A18SW (NW)	450	1	271650 195950

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	A18SE (N)	456	1	271950 196000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	463	1	272350 195600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	465	1	271871 195050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (NW)	466	1	271550 195900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	473	1	272350 195650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (NW)	475	1	271600 195950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	480	1	272000 195050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (NE)	480	1	272200 195900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	486	1	272050 196000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	495	1	272050 195050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	497	1	271871 196050
1	Discharge Consents Operator: St. Modwen Developments Limited Property Type: Mineral Oil Processing Location: Pt W5 Bp Oil Llandarcy Refinery, Llandarcy, Neath, Sa10 6hj Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp027940101 Permit Version: 1 Effective Date: 2nd November 1999 Issued Date: 2nd November 1999 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Trib Of River Neath Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A13SW (W)	252	2	271600 195501
1	Discharge Consents Operator: St. Modwen Developments Limited Property Type: Not Supplied Location: Pt W5 Bp Oil Llandarcy Refinery, Llandarcy, Neath, Sa10 6hj Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Bp0279401 Permit Version: 1 Effective Date: 2nd November 1999 Issued Date: 2nd November 1999 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Trib Of River Neath Status: Effective Positional Accuracy: Located by supplier to within 10m	A13SW (W)	252	2	271600 195501

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents Operator: Bp Oil Llandarcy Refinery Ltd Property Type: Mineral Oil Processing Location: Outlet No. 6 Llanda Authority: Natural Resources Wales Catchment Area: River Neath Reference: Bm0011306 Permit Version: 1 Effective Date: 24th November 1980 Issued Date: 24th November 1980 Revocation Date: 8th February 1994 Discharge Type: Trade Effluent Discharge: Not Supplied Environment: Receiving Water: Unnamed Trib Through Llandarcy Status: Revoked and replaced by IPC Authorisation Positional Accuracy: Located by supplier to within 100m	A13SW (W)	252	2	271600 195500
2	Discharge Consents Operator: Mr R G Williams Property Type: Domestic Property (Single) Location: Gellibwch Farm Llandarcy Neath Authority: Natural Resources Wales Catchment Area: River Neath Reference: BP0004001 Permit Version: 1 Effective Date: 28th October 1985 Issued Date: 28th October 1985 Revocation Date: Not Supplied Discharge Type: Unspecified Discharge: Into Land Environment: Receiving Water: To Land Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m	A8NE (S)	615	2	271900 194900
3	Discharge Consents Operator: D'Arcy Developments Ltd Property Type: Not Supplied Location: Land At Contractors Yard Tann Farm, Tann Farm Road Llandarcy Neath Authority: Natural Resources Wales Catchment Area: Not Given Reference: BP0160801 Permit Version: 1 Effective Date: 14th June 1990 Issued Date: 14th June 1990 Revocation Date: Not Supplied Discharge Type: Not Supplied Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Stream Status: Effective Positional Accuracy: Located by supplier to within 100m	A12SW (W)	882	2	271000 195300
4	Discharge Consents Operator: Sims Group Uk Limited Property Type: Trade (Unknown/Other) Location: Sims Group Uk Limited Neath Abbey, Neath Abbey Wharf, Skewen, Neath, Sa10 6bl Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Bp0328001 Permit Version: 1 Effective Date: 28th October 2004 Issued Date: 28th October 2004 Revocation Date: 11th October 2007 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Open Culvert To River Neath Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A19SE (E)	930	2	272757 195873
5	Integrated Pollution Controls Name: Bp Oil (Uk) Ltd Location: Britannic House, Llandarcy, Neath, West Glamorgan, SA10 6HJ Authority: Environment Agency, Welsh Region Permit Reference: BD9033 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.4 A (A) Petroleum processes within the Fuel & Power Industry Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address	A13NE (N)	257	3	271879 195809

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Integrated Pollution Controls Name: Bp Oil (Uk) Ltd Location: Britannic House, Llandarcy, Neath, West Glamorgan, SA10 6HJ Authority: Environment Agency, Welsh Region Permit Reference: AY2869 Dated: 27th March 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.4 A (A) Petroleum processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A13NE (N)	257	3	271879 195809
5	Integrated Pollution Controls Name: Bp Oil (Uk) Ltd Location: Britannic House, Llandarcy, Neath, West Glamorgan, SA10 6HJ Authority: Environment Agency, Welsh Region Permit Reference: AU3499 Dated: 25th March 1996 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.4 A (A) Petroleum processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A13NE (N)	257	3	271879 195809
5	Integrated Pollution Controls Name: Bp Oil (Uk) Ltd Location: Britannic House, Llandarcy, Neath, West Glamorgan, SA10 6HJ Authority: Environment Agency, Welsh Region Permit Reference: AU3251 Dated: 21st March 1996 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address	A13NE (N)	257	3	271879 195809
5	Integrated Pollution Controls Name: Bp Oil (Uk) Ltd Location: Britannic House, Llandarcy, Neath, West Glamorgan, SA10 6HJ Authority: Environment Agency, Welsh Region Permit Reference: AP4700 Dated: 27th March 1995 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.4 A (A) Petroleum processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A13NE (N)	257	3	271879 195809
5	Integrated Pollution Controls Name: Bp Oil (Uk) Ltd Location: Britannic House, Llandarcy, Neath, West Glamorgan, SA10 6HJ Authority: Environment Agency, Welsh Region Permit Reference: AF7843 Dated: 1st January 1994 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 1.4 A (A) Petroleum processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A13NE (N)	257	3	271879 195809
5	Integrated Pollution Controls Name: Bp Oil (Uk) Ltd Location: Britannic House, Llandarcy, Neath, West Glamorgan, SA10 6HJ Authority: Environment Agency, Welsh Region Permit Reference: AJ0329 Dated: 6th August 1993 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A13NE (N)	257	3	271879 195809
5	Integrated Pollution Controls Name: Bp Oil (Uk) Ltd Location: Britannic House, Llandarcy, Neath, West Glamorgan, SA10 6HJ Authority: Environment Agency, Welsh Region Permit Reference: AA3743 Dated: 2nd April 1992 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A13NE (N)	257	3	271879 195809

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	Local Authority Pollution Prevention and Controls Name: Bp Oil Uk LimitedBp Bitumen Opu (Bit) Location: Britannic House, Llandarcy, NEATH, West Glamorgan, SA10 6HJ Authority: Neath Port Talbot County Borough Council, Environmental Health Department Permit Reference: E3/1/87 Dated: 10th November 1999 Process Type: Local Authority Air Pollution Control Description: PG6/42 Bitumen and tar processes Status: Permitted Positional Accuracy: Automatically positioned to the address	A13NE (N)	257	4	271879 195809
7	Local Authority Pollution Prevention and Controls Name: Glass Tech Recycling Ltd Location: Unit 10 Tank Farm Road, Llandarcy, Sa10 6en Authority: Neath Port Talbot County Borough Council, Environmental Health Department Permit Reference: E3/1/119 Dated: 5th February 2006 Process Type: Local Authority Air Pollution Control Description: PG3/16 Mobile screening and crushing processes Status: Authorised Positional Accuracy: Located by supplier to within 10m	A12SE (W)	530	4	271359 195336
8	Local Authority Pollution Prevention and Controls Name: Rmc Materials Ltd Location: 9A Tank Farm Road, Llandarcy Business Park, Llandarcy, NEATH, West Glamorgan, SA10 6EN Authority: Neath Port Talbot County Borough Council, Environmental Health Department Permit Reference: E3/1/44 Dated: 6th December 1993 Process Type: Local Authority Air Pollution Control Description: PG3/1Blending, packing, loading and use of bulk cement Status: Authorised Positional Accuracy: Located by supplier to within 10m	A12SW (W)	705	4	271179 195319
9	Local Authority Pollution Prevention and Controls Name: East West Demolition Ltd Location: Adj To Flogas, Llandarcy, Neath Port Talbot Authority: Neath Port Talbot County Borough Council, Environmental Health Department Permit Reference: E3/1/110 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG3/16 Mobile screening and crushing processes Status: Authorised Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	754	4	272541 195150
10	Local Authority Pollution Prevention and Controls Name: Cuddy Demolition And Dismantling Limited Location: Tank Farm Road, Llandarcy, Neath, SA10 6en Authority: Neath Port Talbot County Borough Council, Environmental Health Department Permit Reference: E3/1/132 Dated: 21st April 2008 Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes Status: Permitted Positional Accuracy: Located by supplier to within 10m	A12SW (W)	761	4	271100 195405
10	Local Authority Pollution Prevention and Controls Name: Cuddy Demolition And Dismantling Ltd Location: Tank Farm Road, Llandarcy, Neath, SA10 6EN Authority: Neath Port Talbot County Borough Council, Environmental Health Department Permit Reference: E3/1/28 Dated: 31st October 1995 Process Type: Local Authority Air Pollution Control Description: PG3/16 Mobile screening and crushing processes Status: Authorised Positional Accuracy: Manually positioned to the address or location	A12SW (W)	768	4	271091 195416
10	Local Authority Pollution Prevention and Controls Name: Cuddy Demolition And Dismantling Ltd Location: Tank Farm Road, Llandarcy, Neath, SA10 6EN Authority: Neath Port Talbot County Borough Council, Environmental Health Department Permit Reference: E3/1/139 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes Status: Permitted Positional Accuracy: Manually positioned to the address or location	A12SW (W)	769	4	271090 195419

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	Local Authority Pollution Prevention and Controls Name: Cuddy Demolition & Dismantling Ltd Location: Tank Farm Road, Llandarcy, NEATH, SA10 6EN Authority: Neath Port Talbot County Borough Council, Environmental Health Department Permit Reference: E3/1/103 Dated: 17th July 2003 Process Type: Local Authority Air Pollution Control Description: PG3/16 Mobile screening and crushing processes Status: Authorised Positional Accuracy: Manually positioned to the address or location	A12SW (W)	857	4	271004 195401
11	Local Authority Pollution Prevention and Controls Name: Cuddy Demolition & Dismantling Ltd Location: Tank Farm Road, Llandarcy, NEATH, SA10 6EN Authority: Neath Port Talbot County Borough Council, Environmental Health Department Permit Reference: E3/1/97 Dated: 16th December 2002 Process Type: Local Authority Air Pollution Control Description: PG3/16 Mobile screening and crushing processes Status: Authorised Positional Accuracy: Manually positioned to the address or location	A12SW (W)	863	4	270998 195396
12	Local Authority Pollution Prevention and Controls Name: S & G Soils Ltd Location: Area 1 Neath Abbey Wharf, Skewen, Sa10 6bl Authority: Neath Port Talbot County Borough Council, Environmental Health Department Permit Reference: E2/1/120 Dated: 23rd November 2006 Process Type: Local Authority Air Pollution Control Description: PG3/16 Mobile screening and crushing processes Status: Authorised Positional Accuracy: Located by supplier to within 10m	A14NE (E)	941	4	272770 195870
	Nearest Surface Water Feature	A13NW (NW)	4	-	271860 195557
13	Pollution Incidents to Controlled Waters Property Type: Warehouses Location: LLANDARCY Authority: Environment Agency, Welsh Region Pollutant: Sewage - Septic Tank Effluent Note: Poor Operational Practise Incident Date: 2nd February 1991 Incident Reference: 2384 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	A13SW (W)	252	3	271600 195500
13	Pollution Incidents to Controlled Waters Property Type: Warehouses Location: Workshops Authority: Environment Agency, Welsh Region Pollutant: Light Oil Note: Poor Operational Practise Incident Date: 19th January 1992 Incident Reference: 3751 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	A13SW (W)	253	3	271600 195495
14	Pollution Incidents to Controlled Waters Property Type: Warehouses Location: Bp Llandarcy, NEATH Authority: Environment Agency, Welsh Region Pollutant: Oils - Diesel (Including Agricultural) Note: Poor Operational Practise Incident Date: 1st November 1991 Incident Reference: 1651 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	A13SW (W)	305	3	271550 195480

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	Pollution Incidents to Controlled Waters Property Type: Process Location: Bp Llandarcy, NEATH Authority: Environment Agency, Welsh Region Pollutant: Coal Solids Note: Mechanical Failure Incident Date: 3rd March 1996 Incident Reference: 27745 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Runoff Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	575	3	271500 196000
16	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Bp Llandarcy, Fire In Lining Of, Vacuum Distillation Unit, LLANDARCY Authority: Environment Agency, Welsh Region Pollutant: Miscellaneous - Fire water / Foam Note: River Neath Incident Date: 19th February 1998 Incident Reference: 34821 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	A18NE (N)	686	3	272020 196220
17	Pollution Incidents to Controlled Waters Property Type: Abandoned mine Location: Bp, Abstraction Point Authority: Environment Agency, Welsh Region Pollutant: Coal Solids Note: Not Supplied Incident Date: 15th December 1994 Incident Reference: 22120 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Effluent Discharge Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	728	3	272600 195700
18	Pollution Incidents to Controlled Waters Property Type: Process Location: Railway Line On Bp, Llandarcy Site, LLANDARCY Authority: Environment Agency, Welsh Region Pollutant: Chemicals - Other Inorganic Note: Accidental Spillage/Leakage Incident Date: 1st February 1992 Incident Reference: 3801 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Leakage Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A18NW (N)	792	3	271600 196300
19	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Bp Llandarcy, LLANDARCY Authority: Environment Agency, Welsh Region Pollutant: Sewage Debris/Litter Note: Not Supplied Incident Date: 14th May 1996 Incident Reference: 28579 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	A17SW (NW)	969	3	271000 196000
	River Quality Name: Port Tennant Canal GQA Grade: River Quality E Reach: Jersey Marine B - Neath Abbey Estimated Distance (km): 5 Flow Rate: Flow greater than 80 cumecs Flow Type: Canal Year: 2000	A9NW (SE)	712	3	272511 195182

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	Substantiated Pollution Incident Register Authority: Natural Resources Wales Incident Date: 15th August 2002 Incident Reference: 100582 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Contaminated Water: Chemically Contaminated Run-Off Pollutant: Inert : Other	A12SW (W)	697	2	271179 195345
21	Water Abstractions Operator: St Mowden Properties Plc Licence Number: 22/59/5/0005 Permit Version: 102 Location: North Site Reservoir Authority: Natural Resources Wales Abstraction: Petrochemicals: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 29th July 2010 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	973	2	271290 196340
21	Water Abstractions Operator: Bp Oil Llandarcy Refinery Ltd Licence Number: 22/59/5/0005 Permit Version: 101 Location: North Site Reservoir Authority: Environment Agency, Welsh Region Abstraction: Petrochemicals: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 31st March 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	973	3	271290 196340
21	Water Abstractions Operator: Bp Oil Llandarcy Refinery Ltd Licence Number: 22/59/5/0005 Permit Version: 100 Location: North Site Reservoir Authority: Environment Agency, Welsh Region Abstraction: Petrochemicals: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: North Site Reservoir Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	973	3	271290 196340
21	Water Abstractions Operator: St Mowden Properties Plc Licence Number: 22/59/5/0005 Permit Version: Not Supplied Location: North Site Reservoir At B P Refinery Llandarcy Authority: Natural Resources Wales Abstraction: Petrochemicals: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	973	2	271290 196340

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Bp Oil Llandarcy Refinery Ltd Licence Number: 22/59/5/0008 Permit Version: 1 Location: Groundwater Remediation Well Points Llandarcy Refinery Authority: Environment Agency, Welsh Region Abstraction: Environmental: Pump & Treat: Pollution Remediation Abstraction Type: Water may be abstracted from any point within an area Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Oil Refinery Llandarcy Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th September 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11NW (W)	1573	3	270278 195582
	Water Abstractions Operator: St Mowden Properties Plc Licence Number: 22/59/5/0006 Permit Version: 102 Location: Lagoon At B P Refinery Llandarcy Authority: Natural Resources Wales Abstraction: Petrochemicals: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 29th July 2010 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1764	2	270100 195310
	Water Abstractions Operator: Bp Oil Llandarcy Refinery Ltd Licence Number: 22/59/5/0006 Permit Version: 101 Location: Lagoon At B P Refinery Llandarcy Authority: Environment Agency, Welsh Region Abstraction: Petrochemicals: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 31st March 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1764	3	270100 195310
	Water Abstractions Operator: Bp Oil Llandarcy Refinery Ltd Licence Number: 22/59/5/0006 Permit Version: 100 Location: Lagoon At B P Refinery Llandarcy Authority: Environment Agency, Welsh Region Abstraction: Petrochemicals: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Lagoon On Site Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 30th June 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(W)	1764	3	270100 195310

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: St Mowden Properties Plc Licence Number: 22/59/5/0006 Permit Version: Not Supplied Location: Land At B P Refinery At Llandarcy Authority: Natural Resources Wales Abstraction: Petrochemicals: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1764	2	270100 195310
22	Water Industry Act Referrals Name: Bp Oil (Uk) Ltd Location: LLANDARCY REFINERY, SKEWEN, NEATH, WEST GLAMORGAN, SA10 6HJ Authority: Natural Resources Wales Permit Reference: AQ9022 Dated: 24th March 1995 Process Type: Permissions or amendments to discharge under the Water Industry Act 1991 Description: Processes which result in the discharge of Special Category effluents under The Trade Effluents (Prescribed Processes and Substances) Regulations Status: Application cancelled Positional Accuracy: Automatically positioned to the address	A13NE (N)	262	2	271874 195814
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: <40% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: Medium	A13SE (W)	0	2	271871 195534
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SE (W)	0	2	271871 195534
	Superficial Aquifer Designations No Data Available				
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A13NW (NW)	4	5	271860 195557

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 40.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A13NW (NW)	4	5	271860 195557
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 49.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A13NW (NW)	11	5	271846 195549
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A13NE (NE)	38	5	271895 195577
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 211.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A13SW (W)	46	5	271807 195519
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A13NE (NE)	46	5	271903 195580
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A13NE (NE)	58	5	271925 195580
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 182.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A13NE (NE)	65	5	271931 195584
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 42.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A13SE (E)	126	5	272008 195486
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 70.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A13SE (E)	161	5	272049 195500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 300.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A13NE (E)	172	5	272055 195585
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 161.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A13NE (E)	216	5	272107 195539
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 87.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A13SW (W)	254	5	271605 195470
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 54.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A13SW (W)	257	5	271604 195463
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A13SW (W)	257	5	271604 195463
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A13SW (W)	304	5	271560 195443
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 126.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A13SW (W)	307	5	271551 195465
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A13SW (W)	307	5	271551 195465
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A13SW (W)	315	5	271537 195501

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A13SW (W)	315	5	271537 195501
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 63.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A13NE (NE)	324	5	272177 195687
44	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 8.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14NW (E)	362	5	272253 195554
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14NW (E)	370	5	272261 195551
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 318.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SW (E)	375	5	272266 195532
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 427.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14NW (E)	400	5	272282 195618
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 88.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12SE (W)	424	5	271438 195435
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 45.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12SE (W)	428	5	271444 195399
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12SE (W)	428	5	271444 195399

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 75.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12SE (W)	428	5	271453 195375
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 483.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NE (SE)	431	5	272077 195131
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 41.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12SE (W)	440	5	271435 195389
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 63.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NW (S)	443	5	271867 195073
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 192.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 2	A8NW (S)	461	5	271861 195054
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 36.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 2	A8NW (S)	462	5	271864 195053
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 39.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NE (S)	467	5	271957 195054
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 135.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NE (S)	468	5	271963 195054
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 2	A8NE (S)	469	5	271925 195048

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 190.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12SE (W)	474	5	271401 195384
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 127.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12SE (W)	474	5	271401 195384
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 206.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SW (SE)	492	5	272299 195254
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14NW (NE)	494	5	272305 195804
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 70.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14NW (NE)	494	5	272310 195796
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 291.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14NW (NE)	496	5	272292 195825
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A18SE (NE)	542	5	272108 196035
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NE (S)	555	5	271873 194961
68	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 20.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NW (S)	561	5	271867 194954

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
69	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 4.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NW (S)	569	5	271847 194947
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 72.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NW (S)	569	5	271843 194947
71	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 4.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NW (S)	569	5	271847 194947
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 234.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NW (S)	571	5	271843 194946
73	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 116.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Tennant Canal Catchment Name: Neath Primacy: 1	A14SW (SE)	571	5	272416 195307
74	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 1135.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Tennant Canal Catchment Name: Neath Primacy: 1	A14SW (E)	580	5	272447 195367
75	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 128.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Tennant Canal Catchment Name: Neath Primacy: 1	A14SW (SE)	581	5	272404 195260
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 145.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14NW (NE)	589	5	272394 195840
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 85.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A18SE (N)	604	5	272054 196125

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 174.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NW (S)	607	5	271778 194917
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 31.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NW (S)	607	5	271778 194917
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 62.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NW (S)	609	5	271747 194921
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 88.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12SE (SW)	626	5	271307 195225
82	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 32.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SW (SE)	633	5	272444 195223
83	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 495.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Tennant Canal Catchment Name: Neath Primacy: 1	A9NW (SE)	638	5	272391 195132
84	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 41.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SW (SE)	648	5	272469 195238
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 62.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12SE (W)	657	5	271207 195401
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12SE (W)	658	5	271242 195285

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 93.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12SE (W)	666	5	271226 195304
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 62.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12SE (W)	666	5	271226 195301
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12SE (W)	666	5	271226 195304
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 312.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SE (E)	690	5	272568 195395
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 26.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A19SW (NE)	691	5	272282 196104
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A19SW (NE)	705	5	272306 196104
93	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 148.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A7NE (SW)	705	5	271373 195016
94	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A19SW (NE)	714	5	272314 196109
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A18SE (NE)	714	5	272161 196201

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 103.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12SW (W)	714	5	271156 195366
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 157.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A18SE (NE)	715	5	272180 196193
98	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 123.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A18NE (N)	723	5	272151 196214
99	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 125.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A19SW (NE)	727	5	272355 196093
100	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 165.6 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A19SW (NE)	730	5	272528 195892
101	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 29.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A19SW (NE)	730	5	272305 196134
102	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 175.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A18NW (NW)	732	5	271559 196219
103	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A19SW (NE)	733	5	272341 196111
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A19SW (NE)	737	5	272339 196118

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
105	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A19SW (NE)	744	5	272334 196131
106	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 314.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A19SW (NE)	745	5	272334 196132
107	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 256.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A19SW (NE)	746	5	272424 196056
108	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 82.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12SW (W)	750	5	271153 195258
109	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 151.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A19SW (NE)	751	5	272274 196180
110	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A19SW (NE)	757	5	272424 196072
111	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 286.1 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14NE (E)	762	5	272621 195755
112	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14NE (E)	762	5	272621 195755
113	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 81.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SE (E)	770	5	272660 195487

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
114	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14NE (E)	773	5	272641 195726
115	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SE (E)	775	5	272639 195329
116	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14NE (E)	790	5	272661 195715
117	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 63.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14NE (E)	803	5	272675 195713
118	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 51.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12SW (W)	804	5	271082 195296
119	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 2	A14NE (E)	810	5	272701 195552
120	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14NE (E)	810	5	272701 195552
121	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 105.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 2	A14NE (E)	812	5	272703 195560
122	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 2	A14NE (E)	812	5	272703 195560

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
123	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 51.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14NE (E)	820	5	272712 195546
124	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 92.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A18NE (N)	821	5	272117 196333
125	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 63.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SE (E)	828	5	272717 195461
126	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SE (E)	830	5	272717 195437
127	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SE (E)	833	5	272720 195440
128	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SE (E)	833	5	272720 195440
129	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SE (E)	834	5	272721 195442
130	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SE (E)	834	5	272721 195442
131	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 100.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SE (E)	835	5	272691 195291

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
132	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 2	A14SE (E)	836	5	272678 195249
133	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SE (E)	837	5	272724 195449
134	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 85.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14NE (E)	839	5	272731 195562
135	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SE (E)	840	5	272681 195246
136	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 68.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A17NE (NW)	840	5	271385 196245
137	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 38.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SE (E)	842	5	272733 195500
138	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 5.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SE (E)	842	5	272733 195500
139	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14NE (E)	857	5	272733 195694
140	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 17.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SE (E)	859	5	272727 195336

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
141	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 104.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SE (E)	860	5	272698 195235
142	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SE (E)	862	5	272703 195240
143	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 307.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A17SE (NW)	864	5	271298 196209
144	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 118.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SE (E)	869	5	272700 195212
145	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 97.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14NE (E)	869	5	272746 195692
146	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SE (E)	869	5	272742 195354
147	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 16.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SE (E)	869	5	272742 195354
148	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 46.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 1	A14SE (E)	878	5	272769 195502
149	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 1	A14SE (E)	878	5	272769 195499

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
150	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 43.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SE (E)	883	5	272739 195285
151	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 143.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14NE (E)	884	5	272770 195634
152	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 112.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SE (E)	888	5	272775 195444
153	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 57.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SE (E)	888	5	272756 195332
154	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 2	A17NE (NW)	888	5	271316 196253
155	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A17NE (NW)	888	5	271316 196253
156	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 55.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14NE (E)	894	5	272785 195551
157	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 111.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 2	A17NE (NW)	904	5	271297 196260
158	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 41.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 1	A14SE (E)	905	5	272780 195360

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
159	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 111.1 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A18NE (N)	907	5	272149 196413
160	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SE (E)	908	5	272768 195298
161	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SE (E)	919	5	272774 195275
162	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SE (E)	921	5	272812 195493
163	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 91.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SE (E)	921	5	272811 195476
164	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 39.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A9NE (E)	922	5	272743 195179
165	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 51.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A9NE (SE)	922	5	272733 195155
166	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 1	A14SE (E)	922	5	272778 195280
167	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 51.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A9NE (E)	927	5	272755 195197

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
168	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 1	A14SE (E)	927	5	272785 195286
169	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 34.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SE (E)	928	5	272810 195397
170	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 18.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SE (E)	929	5	272803 195353
171	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 18.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 1	A14SE (E)	929	5	272803 195353
172	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A9NE (SE)	930	5	272749 195171
173	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 39.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A9NE (SE)	938	5	272743 195138
174	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 14.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 1	A14SE (E)	938	5	272801 195301
175	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 21.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SE (E)	938	5	272808 195331
176	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 14.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 1	A14SE (E)	938	5	272801 195301

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
177	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SE (E)	939	5	272805 195315
178	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 39.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 1	A14SE (E)	939	5	272798 195286
179	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SE (E)	940	5	272811 195336
180	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 11.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 1	A14SE (E)	948	5	272795 195247
181	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 21.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 1	A14SE (E)	951	5	272795 195235
182	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SE (E)	953	5	272817 195306
183	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SE (E)	953	5	272817 195306
184	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 81.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A9NE (SE)	954	5	272753 195121
185	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 45.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A9NE (E)	956	5	272780 195179

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
186	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A19NW (NE)	959	5	272444 196317
187	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 105.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A17NE (NW)	960	5	271397 196393
188	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 23.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 2	A17NE (NW)	962	5	271308 196340
189	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 20.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 1	A14SE (E)	967	5	272805 195217
190	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 466.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A9SW (SE)	967	5	272320 194653
191	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A19NW (NE)	967	5	272450 196322
192	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 23.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SE (E)	968	5	272803 195206
193	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A9NE (SE)	969	5	272780 195147
194	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 104.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A9NE (SE)	972	5	272763 195102

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
195	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 215.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A14SE (E)	972	5	272856 195410
196	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 159.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 2	A17NE (NW)	976	5	271305 196355
197	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A17NE (NW)	983	5	271465 196452
198	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 417.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A17NE (NW)	985	5	271470 196457
199	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 60.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 1	A14SE (E)	987	5	272825 195210
200	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A19NW (NE)	988	5	272467 196336
201	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A9NE (E)	994	5	272811 195155
202	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 1261.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Nedd Catchment Name: Neath Primacy: 1	A15NW (E)	994	5	272885 195536

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
203	Historical Landfill Sites Licence Holder: Not Supplied Location: Pen-yr-Heol, Skewen Name: Refuse Tip South East of M4 Junction 43 Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD34822 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: Not Supplied	A14SE (E)	692	2	272574 195415
204	Licensed Waste Management Facilities (Locations) Licence Number: 30379 Location: Coed Darcy Urban Village, Former B P Llandarcy Refinery, Llandarcy, Neat Port Talbot, South Wales, SA10 6HJ Operator Name: Celtic Technologies Ltd Operator Location: Not Supplied Authority: Environment Agency - South East Region, West Thames Area Site Category: Mobile Plant Licence Status: Modified Issued: 4th November 2005 Last Modified: 28th March 2012 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NE (N)	256	3	271882 195808
205	Licensed Waste Management Facilities (Locations) Licence Number: 102863 Location: Unit 10, Tank Farm Road, Llandarcy, Neath Port Talbot, SA10 6EN Operator Name: Glass Tech Recycling Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Treatment of waste to produce soil <75,000 tpy Licence Status: Issued Issued: 4th July 2011 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12SE (W)	606	2	271271 195357
205	Licensed Waste Management Facilities (Locations) Licence Number: YP3795VF Location: Glass Tech Recycling Ltd, Llandarcy, Neath Port Talbot, West Glam, Neath Port Talbot, SA10 6EN Operator Name: Glass Tech Recycling Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Treatment of waste to produce soil <75,000 tpy Licence Status: Effective Issued: 4th July 2011 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12SE (W)	606	2	271271 195357

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
206	Licensed Waste Management Facilities (Locations) Licence Number: NP3598FH Location: Asbestos Store, Cuddy Demolition & Dismantling Ltd, Tank Farm Road, Llandarcy, N P T, Neath Port Talbot, SA10 6EN Operator Name: Cuddy Demolition & Dismantling Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Effective Issued: 1st February 2002 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12SW (W)	792	2	271075 195374
206	Licensed Waste Management Facilities (Locations) Licence Number: NP3598FH Location: Asbestos Store, Cuddy Demolition & Dismantling Ltd, Tank Farm Road, Llandarcy, N P T, Neath Port Talbot, SA10 6EN Operator Name: Cuddy Demolition & Dismantling Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Special Waste Transfer Stations Licence Status: Effective Issued: 1st February 2002 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12SW (W)	792	2	271075 195374
207	Licensed Waste Management Facilities (Locations) Licence Number: KB3232RE Location: The Recycling Centre, Neath, N P T, Neath Port Talbot, SA10 6BL Operator Name: Agresol Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Composting Licence Status: Expired Issued: 18th August 2010 Last Modified: Not Supplied Expires: 23rd December 2013 Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14NE (E)	941	2	272770 195870
207	Licensed Waste Management Facilities (Locations) Licence Number: FP3494VK Location: Parle Recycling Ltd, Neath Abbey Wharf, Skewen, Neath, N P T, Neath Port Talbot, SA10 6BL Operator Name: Parle Recycling Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Expired Issued: 29th May 2008 Last Modified: Not Supplied Expires: 14th August 2012 Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	963	2	272774 195919

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
207	Licensed Waste Management Facilities (Locations) Licence Number: 100359 Location: Land / Premises At, Neath Abbey Wharf, Skewen, Neath, SA10 6BL Operator Name: Parle Recycling Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Expired Issued: 29th May 2008 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	963	2	272774 195919
208	Licensed Waste Management Facilities (Locations) Licence Number: BB3394CL Location: Morris & Co (Handlers) Ltd, Top Shed, Neath Abbey Wharf, Skewen, Neath Port Talbot, SA10 6BL Operator Name: Morris & Co (Handlers) Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Metal Recycling Sites (Mixed) Licence Status: Effective Issued: 26th July 2019 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14NE (E)	953	2	272785 195866
209	Licensed Waste Management Facilities (Locations) Licence Number: 34116 Location: Llandarcy, Neath, N P T, SA10 6HJ Operator Name: BP Oil Llandarcy Refinery Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Treatment - Biological Licence Status: Surrendered Issued: 1st May 1995 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 31st March 2003 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A12SW (W)	979	2	270900 195300
	Local Authority Landfill Coverage Name: Neath Port Talbot County Borough Council - Has supplied landfill data		0	4	271871 195534
210	Registered Landfill Sites Licence Holder: Bp Oil Llandarcy Refinery Licence Reference: NBWD 14 Site Location: B.P Oil Sludge Landfarm, Llandarcy, NEATH, West Glamorgan, SA10 6HJ Licence Easting: 270900 Licence Northing: 195300 Operator Location: Britannic House, Llandarcy, Neath, West Glamorgan Authority: Environment Agency Wales, South West Area Site Category: Landfill - Sludge land farm Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: Only waste produced on site Restrictions: Status: May not be workingUnder Review Dated: 1st May 1995 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Approximate location provided by supplier Boundary Accuracy: Not Applicable Authorised Waste: Oil Contaminated Sludges Waste From Leaded Gasoline Tanks Prohibited Waste: Waste From Outside The Site	A12SW (W)	729	3	271143 195360

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
211	Registered Waste Treatment or Disposal Sites Licence Holder: Bp Oil Llandarcy Refinery Licence Reference: 4 Site Location: Acid Tar Burnery, Llandarcy, Neath, West Glamorgan Operator Location: Britannic House, Llandarcy, Neath, West Glamorgan Authority: Environment Agency Wales, South West Area Site Category: Incineration Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st June 1977 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Approximate location provided by supplier Boundary Quality: Not Supplied Authorised Waste: Acid Tars	A17SE (NW)	642	3	271400 196000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
212	Control of Major Accident Hazards Sites (COMAH) Name: BP Oil Amoco Ltd Location: Britannic House, Llandarcy, Neath, West Glamorgan, SA10 6HJ Reference: Not Supplied Type: Upper Tier Status: Record Ceased To Be Supplied Under COMAH Regulations Positional Accuracy: Automatically positioned to the address	A13NE (N)	257	6	271879 195809
213	Control of Major Accident Hazards Sites (COMAH) Name: Flogas Britain Limited Location: E M Edwards Works, Llandarcy, Neath, West Glamorgan, SA10 6JY Reference: Not Supplied Type: Upper Tier Status: Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	792	6	272538 195072
214	Control of Major Accident Hazards Sites (COMAH) Name: BG PLC TransCo Location: E M Edwards Works, Earlswood Bypass, Jersey Marine, NEATH, West Glamorgan, SA10 6JY Reference: Not Supplied Type: Upper Tier Status: Record Ceased To Be Supplied Under COMAH Regulations Positional Accuracy: Automatically positioned to the address	A9NE (SE)	892	6	272613 195005
215	Notification of Installations Handling Hazardous Substances (NIHHS) Name: B P Oil Limited Location: Llandarcy Refinery, Llandarcy, NEATH, West Glamorgan, SA10 6HJ Status: Not Active Positional Accuracy: Automatically positioned to the address	A13NE (N)	257	6	271884 195809
216	Planning Hazardous Substance Consents Name: B P Bitumen Location: Britannic House, Llandarcy, NEATH, West Glamorgan, SA10 6JQ Authority: Neath Port Talbot County Borough Council, Planning Department Application Ref: PH5/003 Hazardous Substance: Part C, Flammable Substance (Not in Parts A&B), All other liquid or liquids with flashpoint less than 21C, where amount held is >= 10,000 tonnes Maximum Quantity: 0 Application date: Not Supplied Decision: Deemed consent granted between June 1992 and November 1992Granted Positional Accuracy: Automatically positioned to the address	A13NE (N)	247	7	271874 195799
216	Planning Hazardous Substance Consents Name: Bp Oil Location: Britannic House, Llandarcy, Neath, West Glamorgan, Sa10 6jq Authority: Neath Port Talbot County Borough Council, Planning Department Application Ref: Phs 003 Hazardous Substance: Flammable (flammable liquids with flash point >=21C and <=55C supporting combustion) Maximum Quantity: 0 Application date: Not Supplied Decision: Deemed Consent GrantedGranted Positional Accuracy: Automatically positioned to the address	A13NE (N)	248	7	271880 195800
217	Planning Hazardous Substance Consents Name: Bp Oil Llandarcy Refinery Ltd Location: Llandarcy, Neath Authority: Neath Port Talbot County Borough Council, Planning Department Application Ref: 05/1088 Hazardous Substance: Combination of Dangerous Substances Maximum Quantity: 194794 Application date: 8th October 2004 Decision: Application revoked or cancelledCancelled Positional Accuracy: Located by supplier to within 10m	A13NW (N)	310	7	271815 195859
218	Planning Hazardous Substance Consents Name: British Gas Plc Location: E M Edwards Works, Llandarcy, Neath, West Glamorgan, Sa10 6jy Authority: Neath Port Talbot County Borough Council, Planning Department Application Ref: Phs 005 Hazardous Substance: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not) Maximum Quantity: 0 Application date: Not Supplied Decision: Deemed Consent GrantedGranted Positional Accuracy: Manually positioned to the address or location	A14SW (SE)	708	7	272533 195232

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
218	Planning Hazardous Substance Consents Name: British Gas Plc Location: E M Edwards Works, Llandarcy, Neath, West Glamorgan, Sa10 6jy Authority: Neath Port Talbot County Borough Council, Planning Department Application Ref: Phs 006 Hazardous Substance: Part C, Flammable Substance (Not in Parts A&B), Liquefied petroleum gas held at >1.4 bar where amount held is greater than or equal to 25 tonnes Maximum Quantity: 0 Application date: Not Supplied Decision: Deemed consent granted between June 1992 and November 1992Granted Positional Accuracy: Manually positioned to the address or location	A14SW (SE)	708	7	272532 195230
218	Planning Hazardous Substance Consents Name: British Gas Plc Location: E M Edwards Works, Llandarcy, NEATH, West Glamorgan, SA10 6JY Authority: Neath Port Talbot County Borough Council, Planning Department Application Ref: PH5/006 Hazardous Substance: Part C, Flammable Substance (Not in Parts A&B), All other liquid or liquids with flashpoint less than 21C, where amount held is >= 10,000 tonnes Maximum Quantity: 0 Application date: Not Supplied Decision: Deemed consent granted between June 1992 and November 1992Granted Positional Accuracy: Manually positioned to the address or location	A14SW (SE)	712	7	272537 195232
218	Planning Hazardous Substance Consents Name: British Gas Plc Location: E M Edwards Works, Llandarcy, NEATH, West Glamorgan, SA10 6JY Authority: Neath Port Talbot County Borough Council, Planning Department Application Ref: PH5/006 Hazardous Substance: Part A, Toxic Substance, Sulphur dioxide, where amount held is greater than or equal to 20 tonnes Maximum Quantity: 0 Application date: Not Supplied Decision: Deemed consent granted between June 1992 and November 1992Granted Positional Accuracy: Manually positioned to the address or location	A14SW (SE)	714	7	272537 195227
219	Planning Hazardous Substance Consents Name: British Gas Plc Location: Neath Gas Works, Milland Road, NEATH, West Glamorgan, SA10 Authority: Neath Port Talbot County Borough Council, Planning Department Application Ref: Phs 004 Hazardous Substance: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not) Maximum Quantity: 0 Application date: Not Supplied Decision: Deemed Consent GrantedGranted Positional Accuracy: Manually positioned to the address or location	A9NW (SE)	785	7	272534 195079
220	Planning Hazardous Substance Consents Name: Flogas Britain Ltd Location: Llandarcy, Sa10 6jy Authority: Neath Port Talbot County Borough Council, Planning Department Application Ref: P2014/0921 Hazardous Substance: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not) Maximum Quantity: 0 Application date: 19th September 2014 Decision: Unknown at time of reportUnknown Positional Accuracy: Manually positioned to the address or location	A9NE (SE)	875	7	272570 194976

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: South Wales Upper Coal Measures Formation	A13SE (W)	0	1	271871 195534
221	BGS Recorded Mineral Sites Site Name: Henbarc Farm Location: Llandarcy, Port Talbot, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 156432 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Llynfi Member, Rhondda Member And Brithdir Member (Undifferentiated) Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13SE (E)	3	1	271895 195533
222	BGS Recorded Mineral Sites Site Name: Gelli-Bwch Plantation Location: Llandarcy, Port Talbot, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 156444 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Llynfi Member, Rhondda Member And Brithdir Member (Undifferentiated) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13SE (E)	77	1	271968 195526
223	BGS Recorded Mineral Sites Site Name: Henbarc Farm Location: Llandarcy, Port Talbot, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 156434 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Llynfi Member, Rhondda Member And Brithdir Member (Undifferentiated) Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	83	1	271914 195439
224	BGS Recorded Mineral Sites Site Name: Henbarc Farm Location: Llandarcy, Port Talbot, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 156433 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Llynfi Member, Rhondda Member And Brithdir Member (Undifferentiated) Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	165	1	271764 195395
225	BGS Recorded Mineral Sites Site Name: Henbarc Cottage Location: Llandarcy, Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154114 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13NW (W)	300	1	271554 195584

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
226	BGS Recorded Mineral Sites Site Name: Wern Edmond Location: Gorseinon, Swansea, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154187 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Llynfi Member, Rhondda Member And Brithdir Member (Undifferentiated) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A18SE (NE)	451	1	272152 195901
227	BGS Recorded Mineral Sites Site Name: Cwrt-Y-Bettws Colliery Location: Llandarcy, Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154113 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Llynfi Member, Rhondda Member And Brithdir Member (Undifferentiated) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	489	1	272234 195882
228	BGS Recorded Mineral Sites Site Name: Cwrt-Y-Bettws Colliery Location: Llandarcy, Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154112 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A18SE (N)	519	1	272046 196038
229	BGS Recorded Mineral Sites Site Name: Henbarc Farm Location: Llandarcy, Port Talbot, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 156435 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Llynfi Member, Rhondda Member And Brithdir Member (Undifferentiated) Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	645	1	271518 194982
230	BGS Recorded Mineral Sites Site Name: Cwrt-Y-Bettws Colliery Location: Skewen, Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154111 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Llynfi Member, Rhondda Member And Brithdir Member (Undifferentiated) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A14NW (NE)	646	1	272447 195862
231	BGS Recorded Mineral Sites Site Name: Coed- Ffranc Location: Llandarcy, Port Talbot, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 156443 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A12SW (W)	803	1	271052 195449

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
232	BGS Recorded Mineral Sites Site Name: Wern-Andrew Gravel Pit Location: Skewen, Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154128 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Tidal Flat Deposits Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	995	1	272778 195986
	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 (W)	0	8	271871 195534
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13SE (W)	0	-	271871 195534
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	1	271871 195534
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	1	271871 195534
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	1	271871 195534
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	1	271871 195534
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	34	1	271911 195561
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	40	1	271927 195514
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	67	1	271790 195504
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	141	1	271756 195431
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	221	1	271930 195299
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	223	1	272021 195341
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	241	1	271836 195278
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	1	271871 195534
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	31	1	271912 195560
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	223	1	272021 195341

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	1	271871 195534
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	31	1	271912 195560
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	223	1	272021 195341
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	1	271871 195534
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	1	271871 195534

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
233	Contemporary Trade Directory Entries Name: Hofa Group Head Office Location: William Knox House, Britannic Way, Llandarcy, Neath, West Glamorgan, SA10 6EL Classification: Railway Equipment Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13NE (N)	200	-	271877 195752
234	Contemporary Trade Directory Entries Name: Ezel Cleaning Services Location: 6, Prettyman Drive, Llandarcy, Neath, West Glamorgan, SA10 6HZ Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (W)	236	-	271621 195477
235	Contemporary Trade Directory Entries Name: Ashworth Location: Unit E Britannic House, Britannic Way, Llandarcy, Neath, SA10 6EL Classification: Air Conditioning Equipment & Systems Status: Active Positional Accuracy: Manually positioned to the address or location	A13NE (N)	257	-	271876 195809
236	Contemporary Trade Directory Entries Name: South Wales Carpet & Upholstery Cleaning Location: 21, Prettyman Drive, Llandarcy, NEATH, West Glamorgan, SA10 6HZ Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	336	-	271584 195329
237	Contemporary Trade Directory Entries Name: Whiterock Products Ltd Location: Unit 1, The Courtyard, D'Arcy Business Centre, D'Arcy Business Park, Llandarcy, Neath, West Glamorgan, SA10 6EJ Classification: Do It Yourself Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	429	-	271957 195971
237	Contemporary Trade Directory Entries Name: Timber Craft Door Systems Ltd Location: Unit 1G & 1u, D'Arcy Business Centre, D'Arcy Business Park, Llandarcy, Neath, West Glamorgan, SA10 6EJ Classification: Door Manufacturers - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	429	-	271957 195971
237	Contemporary Trade Directory Entries Name: Valve Tech Services Ltd Location: Unit 4, The Courtyard, D'Arcy Business Centre, D'Arcy Business Park, Llandarcy, Neath, West Glamorgan, SA10 6EJ Classification: Valve Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	429	-	271957 195971
237	Contemporary Trade Directory Entries Name: Princess Blinds Location: Unit 1j, D'Arcy Business Centre, D'Arcy Business Park, Llandarcy, Neath, West Glamorgan, SA10 6EJ Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	429	-	271957 195971
237	Contemporary Trade Directory Entries Name: Princess Blinds Location: Unit 1J, D'Arcy Business Centre, D'Arcy Business Park, Llandarcy, Neath, West Glamorgan, SA10 6EJ Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	429	-	271957 195971
237	Contemporary Trade Directory Entries Name: Blue Devil Cleaning Group Location: Unit 2D, D'Arcy Business Centre, D'Arcy Business Park, Llandarcy, Neath, West Glamorgan, SA10 6EJ Classification: Cleaning Services - Commercial Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	429	-	271957 195971

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
237	Contemporary Trade Directory Entries Name: Sweeney Engineering South Wales Ltd Location: D'Arcy Business Centre, D'Arcy Business Park, Llandarcy, Neath, West Glamorgan, SA10 6EJ Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	429	-	271957 195971
237	Contemporary Trade Directory Entries Name: Darcy Upvc Windows Location: D'Arcy Business Centre, D'Arcy Business Park, Llandarcy, Neath, West Glamorgan, SA10 6EJ Classification: Window Frame Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	429	-	271957 195971
237	Contemporary Trade Directory Entries Name: Esg Engineering Location: Unit 1P & 1r, D'Arcy Business Centre, D'Arcy Business Park, Llandarcy, Neath, West Glamorgan, SA10 6EJ Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	429	-	271957 195971
237	Contemporary Trade Directory Entries Name: Space Engineering Services Ltd Location: 5, D'Arcy Business Centre, D'Arcy Business Park, Llandarcy, Neath, West Glamorgan, SA10 6EJ Classification: Air Conditioning & Refrigeration Contractors Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18SE (N)	429	-	271957 195971
238	Contemporary Trade Directory Entries Name: M'Star Automotive Location: Unit 6, The Courtyard, D'Arcy Business Centre, D'Arcy Business Park, Llandarcy, Neath, West Glamorgan, SA10 6EJ Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	502	-	271971 196042
238	Contemporary Trade Directory Entries Name: M Star Autoservices Location: Unit 6, The Courtyard, D'Arcy Business Centre, D'Arcy Business Park, Llandarcy, Neath, West Glamorgan, SA10 6EJ Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18SE (N)	502	-	271971 196042
239	Contemporary Trade Directory Entries Name: Screwfix Location: The Courtyard, D'Arcy Business Park, Llandarcy, Neath, West Glamorgan, SA10 6EJ Classification: Builders' Merchants Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (N)	530	-	271939 196077
239	Contemporary Trade Directory Entries Name: Mills (Gorseinon) Ltd Location: Unit 3, The Courtyard, D'Arcy Business Centre, D'Arcy Business Park, Llandarcy, Neath, West Glamorgan, SA10 6EJ Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	561	-	271964 196104
239	Contemporary Trade Directory Entries Name: Electrical Wholesale Specialists Location: Unit 6, The Courtyard, D'Arcy Business Park, Llandarcy, Neath, SA10 6EJ Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	566	-	271919 196116
239	Contemporary Trade Directory Entries Name: Smarta Systems Ltd Location: Unit 5, The Courtyard, D'Arcy Business Centre, D'Arcy Business Park, Llandarcy, Neath, West Glamorgan, SA10 6EJ Classification: Disability Equipment - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	567	-	271922 196117

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
240	Contemporary Trade Directory Entries Name: Commspec Location: Unit 22, Llan Coed House, Darcy Business Park, Llandarcy, Neath, SA10 6FG Classification: Radio Communication Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	533	-	271715 196065
240	Contemporary Trade Directory Entries Name: Communications Specialists Location: Unit 22, Llan Coed House, Darcy Business Park, Llandarcy, Neath, SA10 6FG Classification: Radio Communication Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	533	-	271715 196065
240	Contemporary Trade Directory Entries Name: Medical & Electrical Services Ltd Location: Unit 12, Llan Coed Court, Darcy Business Park, Llandarcy, Neath, SA10 6FG Classification: Gas - Industrial & Medical Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	567	-	271716 196101
240	Contemporary Trade Directory Entries Name: C R Hollands Location: Unit 1-2 Llan Coed Court, Darcy Business Park, Llandarcy, Neath, West Glamorgan, SA10 6FG Classification: Cutting Tools & Machinery Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	567	-	271716 196101
240	Contemporary Trade Directory Entries Name: Quantum Prospecting Ltd Location: Unit 7, Llan Coed Court, Darcy Business Park, Llandarcy, Neath, SA10 6FG Classification: Oil & Gas Exploration Supplies & Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	567	-	271716 196101
240	Contemporary Trade Directory Entries Name: Pulsar Ipl Location: Unit 7, Llan Coed Court, Darcy Business Park, Llandarcy, Neath, West Glamorgan, SA10 6FG Classification: Tungsten Tool Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	568	-	271682 196092
240	Contemporary Trade Directory Entries Name: Pulsar I P L Ltd Location: Unit 7, Llan Coed Court, Darcy Business Park, Llandarcy, NEATH, West Glamorgan, SA10 6FG Classification: Lighting Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	568	-	271682 196092
241	Contemporary Trade Directory Entries Name: Anchem Laboratories Ltd Location: Unit 5a, D'Arcy Business Park, Llandarcy, Neath, SA10 6EJ Classification: Laboratories Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	547	-	271828 196099
242	Contemporary Trade Directory Entries Name: Neath Engineering Services Location: Unit 8, Tank Farm Road, Llandarcy, Neath, West Glamorgan, SA10 6EN Classification: Engineers - General Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18SE (N)	548	-	271891 196100
242	Contemporary Trade Directory Entries Name: Servicemaster Clean Location: Unit 7, The Courtyard, D'Arcy Business Park, Llandarcy, Neath, SA10 6EJ Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (N)	566	-	271908 196117
243	Contemporary Trade Directory Entries Name: P M C Site Services Ltd Location: Henbarc Farm, Llandarcy, Neath, West Glamorgan, SA10 6JD Classification: Steam Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	567	-	271499 195091

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
244	Contemporary Trade Directory Entries Name: Glass Tech Recycling Ltd Location: Unit 10 Tank Farm Road, Llandarcy, Neath, West Glamorgan, SA10 6EN Classification: Recycling Services Status: Active Positional Accuracy: Manually positioned to the address or location	A12SE (W)	627	-	271255 195336
245	Contemporary Trade Directory Entries Name: Neath Valve & Engineering Co Ltd Location: Unit 12, Contractors Yard, Tank Farm Road, Llandarcy, Neath, West Glamorgan, SA10 6EN Classification: Valve Manufacturers & Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	739	-	271221 195148
245	Contemporary Trade Directory Entries Name: South Wales Supplies Location: Unit 5, Contractors Yard, Tank Farm Road, Llandarcy, Neath, SA10 6EN Classification: Builders' Merchants Status: Active Positional Accuracy: Automatically positioned to the address	A7NW (SW)	750	-	271195 195172
246	Contemporary Trade Directory Entries Name: Actus Piling Location: Tank Farm Rd, Llandarcy, Neath, West Glamorgan, SA10 6EN Classification: Pile Driving Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12SW (W)	789	-	271068 195433
247	Contemporary Trade Directory Entries Name: L P Gas Wales Direct Location: E M Edwards Works, Llandarcy, Neath, West Glamorgan, SA10 6JY Classification: Gas Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	792	-	272538 195072
247	Contemporary Trade Directory Entries Name: Portacover Machinery Movements Ltd Location: Llandarcy, Neath, West Glamorgan, SA10 6JY Classification: Mechanical Handling Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	804	-	272531 195041
247	Contemporary Trade Directory Entries Name: Ferry Bridge Auto Spares Location: E M Edwards Works, Llandarcy, Neath, West Glamorgan, SA10 6JY Classification: Commercial Vehicle Breakdown & Recovery Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A9NE (SE)	816	-	272548 195044
248	Contemporary Trade Directory Entries Name: Swantex Celebrations Ltd Location: Tank Farm Rd, Llandarcy, Neath, West Glamorgan, SA10 6EN Classification: Paper & Cardboard Products & Packaging - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A7NW (SW)	809	-	271118 195192
248	Contemporary Trade Directory Entries Name: Mobilair Ltd Location: Tank Farm Rd, Llandarcy, Neath, West Glamorgan, SA10 6EN Classification: Air Compressors Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12SW (SW)	823	-	271094 195210
248	Contemporary Trade Directory Entries Name: Skelton Thomas Engineering Ltd Location: Celtic Works, Tank Farm Road, Llandarcy, Neath, West Glamorgan, SA10 6EN Classification: Engineers - General Status: Active Positional Accuracy: Automatically positioned to the address	A7NW (SW)	839	-	271085 195190
249	Contemporary Trade Directory Entries Name: Welco Location: Plot 9, Tank Farm Rd, Llandarcy, Neath, West Glamorgan, SA10 6EN Classification: Scaffolding & Work Platforms Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12SW (W)	855	-	271050 195234

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
249	Contemporary Trade Directory Entries Name: Cenex Location: 9a, Tank Farm Rd, Llandarcy, Neath, West Glamorgan, SA10 6EN Classification: Mortar Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12SW (W)	855	-	271049 195236
250	Contemporary Trade Directory Entries Name: Flo Gas Plc Location: E M Edwards Works, Llandarcy, Neath, West Glamorgan, SA10 6JY Classification: Gas Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	A9NE (SE)	874	-	272570 194976
250	Contemporary Trade Directory Entries Name: P & O Transeuropean Location: E M Edwards Works, Llandarcy, Neath, West Glamorgan, SA10 6JY Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	888	-	272608 195005
250	Contemporary Trade Directory Entries Name: Automation Special Purpose Machines Location: E M Edwards Works, Llandarcy, Neath, West Glamorgan, SA10 6JY Classification: Engineering Machine Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A9NE (SE)	910	-	272593 194948
250	Contemporary Trade Directory Entries Name: C S L Ltd Location: E M Edwards Works, Llandarcy, Neath, West Glamorgan, SA10 6JY Classification: Automation Systems & Equipment Status: Inactive Positional Accuracy: Manually positioned to the address or location	A9NE (SE)	911	-	272594 194948

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
251	Ancient Woodland Name: Not Supplied Reference: 18273 Area(m²): 52539.92 Type: Ancient and Semi-Natural Woodland	A13NE (E)	190	2	272082 195536
252	Ancient Woodland Name: Not Supplied Reference: 12260 Area(m²): 33552.87 Type: Ancient and Semi-Natural Woodland	A14NW (NE)	583	2	272392 195831
253	Ancient Woodland Name: Not Supplied Reference: 40820 Area(m²): 5668.51 Type: Plantation on Ancient Woodland	A19SW (NE)	602	2	272225 196034
254	Ancient Woodland Name: Not Supplied Reference: 12259 Area(m²): 3589.83 Type: Ancient and Semi-Natural Woodland	A18SE (NE)	671	2	272194 196135
255	Local Nature Reserves Name: Pant-Y-Sais Multiple Area: N Area (m2): 189244.13 Source: Neath Port Talbot County Borough Council Designation Date: 31st December 1984	A8SE (S)	971	9	272013 194553
256	National Nature Reserves Name: Crymlyn Bog And Pant Y Sais Multiple Areas: Y Total Area (m2): 1308383.06 Source: Natural Resources Wales Reference: 45 Designation Date: 27th September 1991	A8SE (S)	981	2	272008 194542
257	Ramsar Sites Name: Crymlyn Bog Multiple Areas: Y Total Area (m2): 2675566.42 Source: Natural Resources Wales Reference: UK14006 Designation Date: 8th June 1993	A8SE (S)	971	2	272013 194553
258	Sites of Special Scientific Interest Name: Pant-Y-Sais Multiple Areas: N Total Area (m2): 190260.33 Source: Natural Resources Wales Reference: 83733wxq Designation Details: Biological Designation Date: 1st January 1979 Date Type: Notified	A8SE (S)	971	2	272013 194553
259	Special Areas of Conservation Name: Crymlyn Bog / Cors Crymlyn Multiple Areas: Y Total Area (m2): 2997434.94 Source: Natural Resources Wales Reference: Uk0012885 Status: Designated	A8SE (S)	971	2	272013 194553

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Natural Resources Wales Neath Port Talbot County Borough Council - Environmental Health Department City and County of Swansea - Environmental Health Department	June 2020 October 2017 September 2017	Annually Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - Welsh Region Natural Resources Wales	August 2014 July 2021	Quarterly Quarterly
Enforcement and Prohibition Notices Environment Agency - Welsh Region	March 2013	
Integrated Pollution Controls Environment Agency - Welsh Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - Welsh Region Natural Resources Wales	January 2021 July 2021	Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Swansea Bay Port Health Authority City and County of Swansea - Environmental Health Department Neath Port Talbot County Borough Council - Environmental Health Department	April 2014 June 2014 March 2014	Variable Variable Variable
Local Authority Pollution Prevention and Controls Swansea Bay Port Health Authority City and County of Swansea - Environmental Health Department Neath Port Talbot County Borough Council - Environmental Health Department	April 2014 June 2014 March 2014	Annually Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Swansea Bay Port Health Authority City and County of Swansea - Environmental Health Department Neath Port Talbot County Borough Council - Environmental Health Department	April 2014 June 2014 March 2015	Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	March 2021	
Pollution Incidents to Controlled Waters Environment Agency - Welsh Region	December 1998	
Prosecutions Relating to Authorised Processes Environment Agency - Welsh Region Natural Resources Wales	July 2015 July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - Welsh Region Natural Resources Wales	March 2013 March 2013	
Registered Radioactive Substances Natural Resources Wales Environment Agency - Welsh Region	January 2015 June 2016	Annually Annually
River Quality Environment Agency - Head Office	November 2001	Not Applicable
Substantiated Pollution Incident Register Environment Agency Wales - South West Area Natural Resources Wales	January 2021 July 2021	Quarterly Quarterly
Water Abstractions Environment Agency - Welsh Region Natural Resources Wales	July 2021 July 2021	Quarterly Quarterly
Water Industry Act Referrals Natural Resources Wales Environment Agency - Welsh Region	July 2021 October 2017	Quarterly Quarterly
Groundwater Vulnerability Map Natural Resources Wales	June 2018	As notified

Agency & Hydrological	Version	Update Cycle
Bedrock Aquifer Designations Natural Resources Wales	January 2018	Annually
Superficial Aquifer Designations Natural Resources Wales	January 2018	Annually
Source Protection Zones Natural Resources Wales	July 2017	Annual Rolling Update
Extreme Flooding from Rivers or Sea without Defences Natural Resources Wales	September 2020	Quarterly
Flooding from Rivers or Sea without Defences Natural Resources Wales	September 2020	Quarterly
Areas Benefiting from Flood Defences Natural Resources Wales	November 2019	Quarterly
Flood Water Storage Areas Natural Resources Wales	August 2019	Quarterly
Flood Defences Natural Resources Wales	November 2019	Quarterly
OS Water Network Lines Ordnance Survey	July 2021	Quarterly
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually
Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	Not Applicable
Historical Landfill Sites Natural Resources Wales	July 2019	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Welsh Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency Wales - South West Area Natural Resources Wales	July 2021 July 2021	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Natural Resources Wales Environment Agency - South East Region - West Thames Area Environment Agency Wales - South West Area	April 2021 July 2021 July 2021	Quarterly Quarterly Quarterly
Local Authority Landfill Coverage City and County of Swansea - Environmental Health Department Neath Port Talbot County Borough Council - Environmental Health Department	February 2003 February 2003	Not Applicable Not Applicable
Local Authority Recorded Landfill Sites City and County of Swansea - Environmental Health Department Neath Port Talbot County Borough Council - Environmental Health Department	October 2018 October 2018	
Registered Landfill Sites Environment Agency Wales - South West Area	March 2006	Not Applicable
Registered Waste Transfer Sites Environment Agency Wales - South West Area	April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency Wales - South West Area	June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements City and County of Swansea - Planning Department Neath Port Talbot County Borough Council - Planning Department	January 2016 October 2015	Variable Variable
Planning Hazardous Substance Consents City and County of Swansea - Planning Department Neath Port Talbot County Borough Council - Planning Department	January 2016 October 2015	Variable Variable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2021	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	July 2021	Quarterly
Fuel Station Entries Catalist Ltd - Experian	August 2021	Quarterly
Gas Pipelines National Grid	May 2021	Annually
Underground Electrical Cables National Grid	May 2021	Annually
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural Resources Wales	September 2018	Bi-Annually
Areas of Adopted Green Belt City and County of Swansea Neath Port Talbot County Borough Council - Planning Services	October 2020 October 2020	Quarterly Quarterly
Areas of Unadopted Green Belt City and County of Swansea Neath Port Talbot County Borough Council - Planning Services	October 2020 October 2020	Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural Resources Wales	June 2019	Bi-Annually
Environmentally Sensitive Areas The National Assembly for Wales - GI Services (Department of Planning & Countryside)	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves City and County of Swansea Neath Port Talbot County Borough Council	August 2018 August 2018	Bi-Annually Bi-Annually
Marine Nature Reserves Natural Resources Wales	August 2018	Bi-Annually
National Nature Reserves Natural Resources Wales	July 2019	Bi-Annually
National Parks Natural Resources Wales	February 2018	Annually
Nitrate Vulnerable Zones The National Assembly for Wales - GI Services (Department of Planning & Countryside) Natural Resources Wales	April 2016 July 2019	Bi-Annually
Ramsar Sites Natural Resources Wales	July 2019	Bi-Annually
Sites of Special Scientific Interest Natural Resources Wales	March 2020	Bi-Annually
Special Areas of Conservation Natural Resources Wales	August 2020	Bi-Annually
Special Protection Areas Natural Resources Wales	August 2018	Bi-Annually

A selection of organisations who provide data within this report

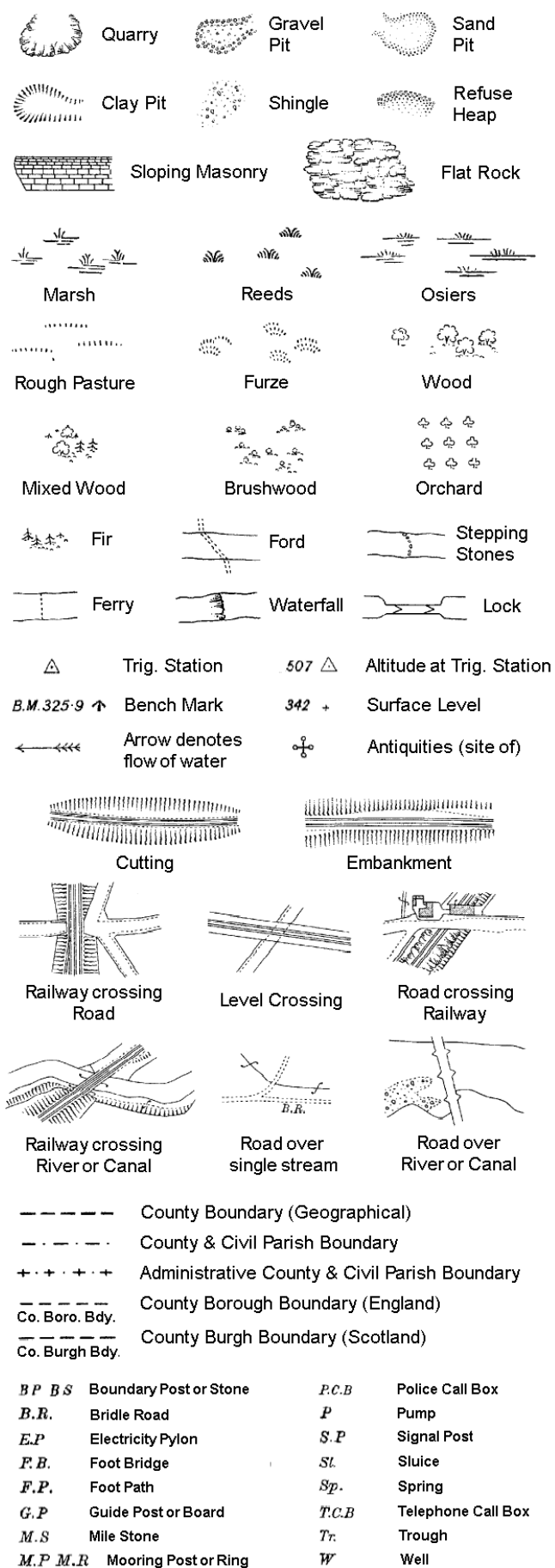
Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology NATURAL ENVIRONMENT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

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Natural Resources Wales Ty Cambria, 29 Newport Road, Cardiff, CF24 0TP	Telephone: 0300 065 3000 Email: enquiries@naturalresourceswales.gov.uk
3	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
4	Neath Port Talbot County Borough Council - Environmental Health Department Room 322, Neath Civic Centre, Neath, West Glamorgan, SA11 3QZ	Telephone: 01639 763333 Fax: 01693 763444 Website: www.neath-porttalbot.gov.uk
5	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	Health and Safety Executive 5S.2 Redgrave Court, Merton Road, Bootle, L20 7HS	Website: www.hse.gov.uk
7	Neath Port Talbot County Borough Council - Planning Department Port Talbot Civic Centre, Port Talbot, SA13 1PJ	Telephone: 01639 763333 Fax: 01639 763444 Website: www.neath-porttalbot.gov.uk
8	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
9	Neath Port Talbot County Borough Council Civic Centre, Port Talbot, West Glamorgan, SA13 1PJ	Telephone: 01639 763333 Fax: 01693 763444 Website: www.neath-porttalbot.gov.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

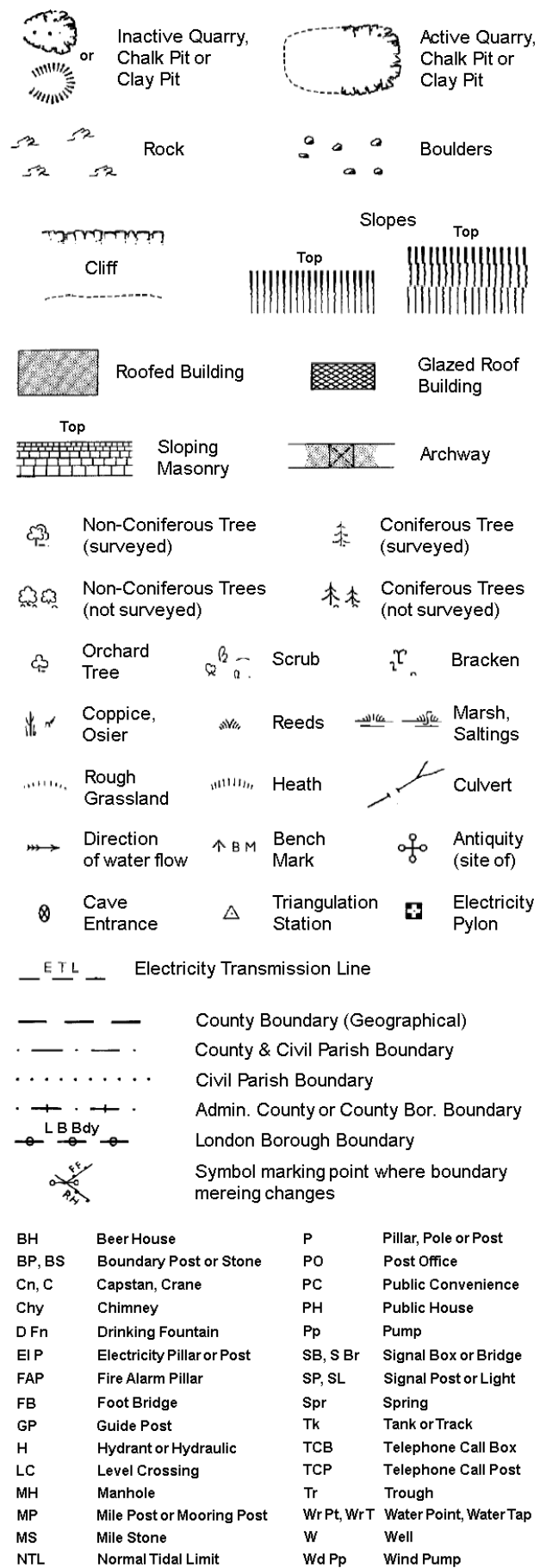
Please note that the Environment Agency / Natural Resources Wales / SEPA have a charging policy in place for enquiries.

Historical Mapping Legends

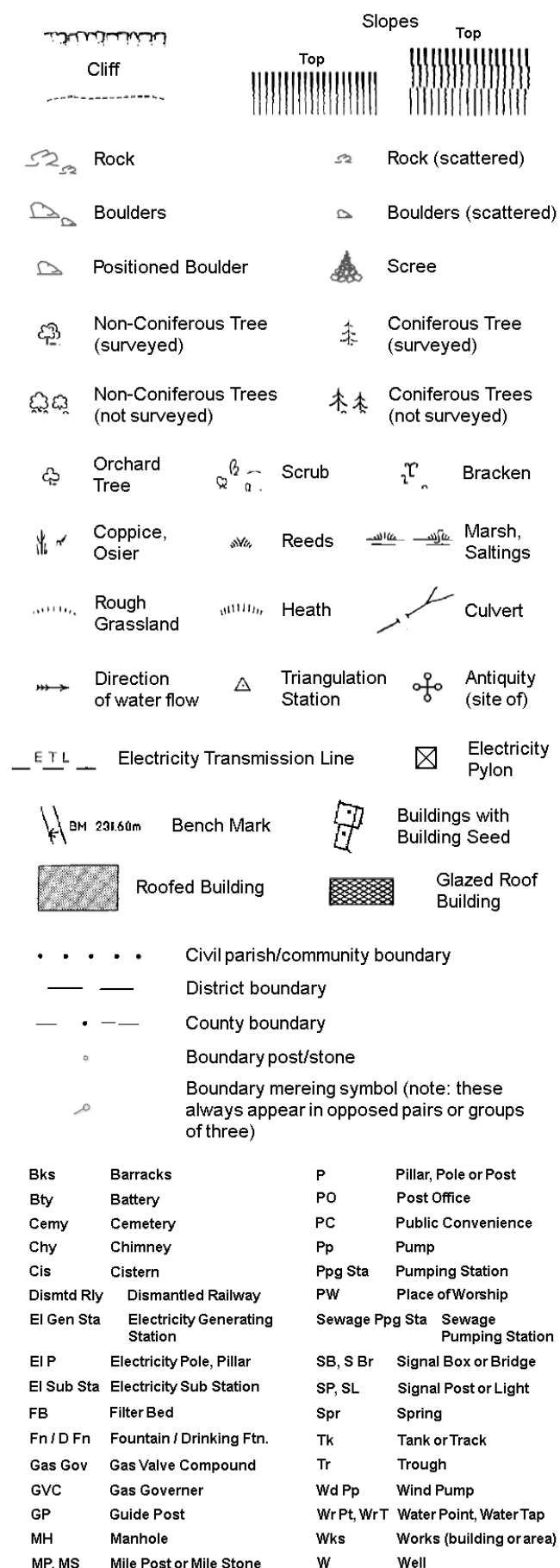
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



Ordinance 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



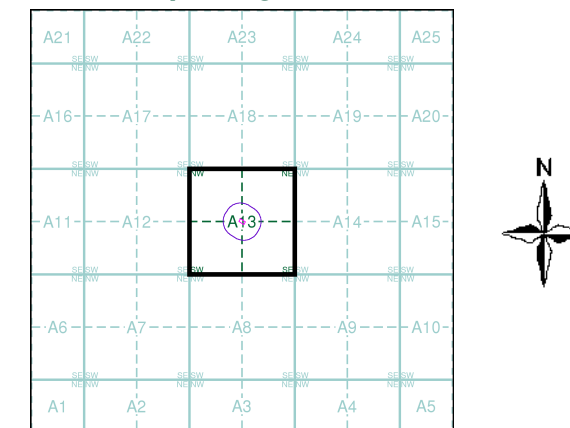
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Page
Glamorganshire	1:2,500	1878 - 1882	2
Glamorganshire	1:2,500	1899	3
Glamorganshire	1:2,500	1918	4
Glamorganshire	1:2,500	1940 - 1941	5
Ordnance Survey Plan	1:1,250	1965	6
Ordnance Survey Plan	1:2,500	1970 - 1971	7
Additional SIMs	1:2,500	1978	8
Additional SIMs	1:1,250	1989	9
Large-Scale National Grid Data	1:1,250	1993	10
Large-Scale National Grid Data	1:2,500	1993	11
Large-Scale National Grid Data	1:2,500	1993	12
Large-Scale National Grid Data	1:1,250	1993	13
Large-Scale National Grid Data	1:2,500	1995	14

Historical Map - Segment A13



Order Details

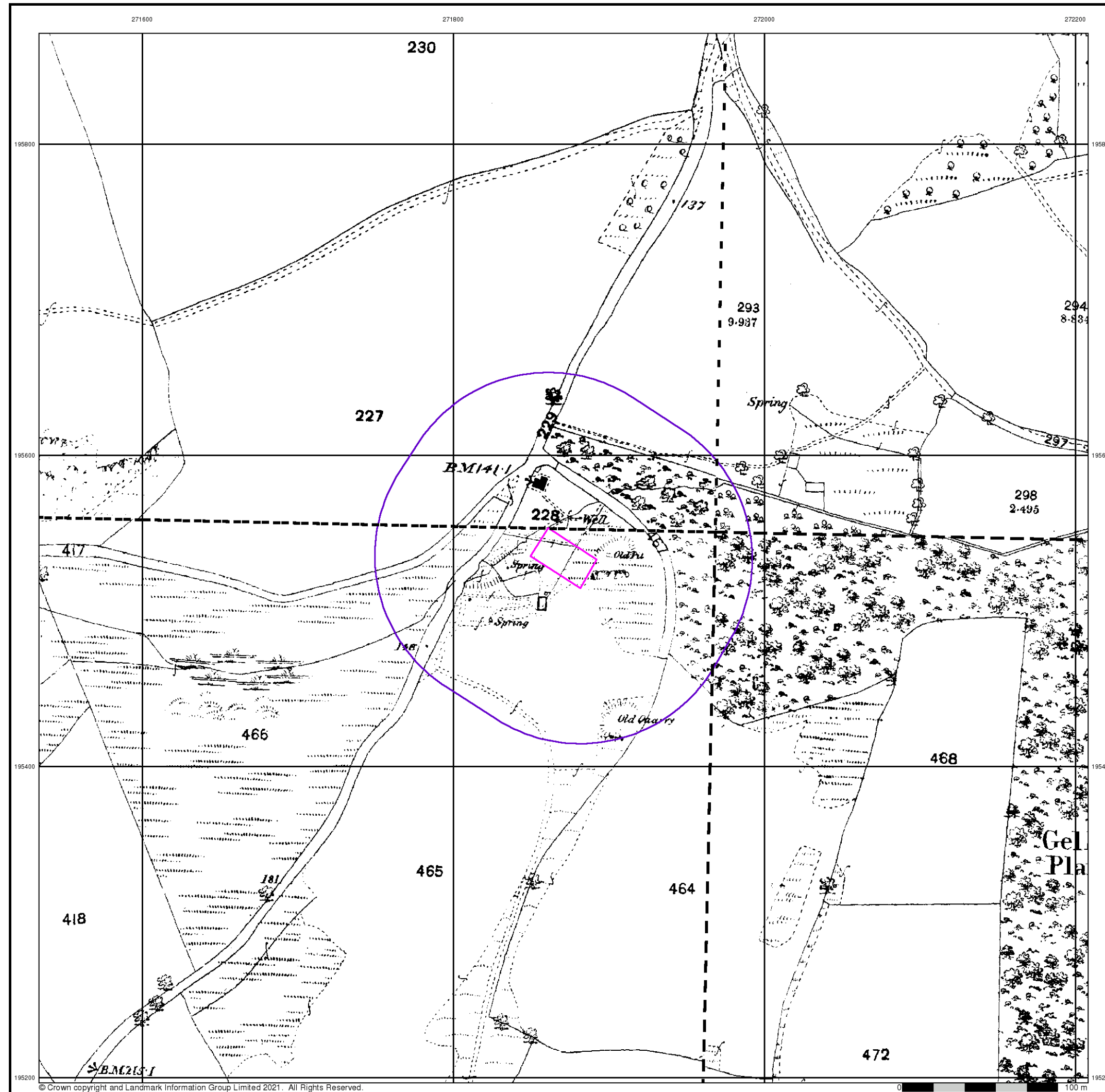
Order Number:	285963284_1_1
Customer Ref:	IN21655
National Grid Reference:	271870, 195530
Slice:	A
Site Area (Ha):	0.09
Search Buffer (m):	100

Site Details

Llandarcy ACADemy of Sport, Access Road to Llandarcy Village, LLANDARCY, SA10 6JD

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Glamorganshire

Published 1878 - 1882

Source map scale - 1:2,500

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

Map Name(s) and Date(s)

015_15 1878 1:2,500	015_16 1881 1:2,500
024_03 1879 1:2,500	024_04 1882 1:2,500

Historical Map - Segment A13

Order Details

Order Number: 285963284_1_1
Customer Ref: IN21655
National Grid Reference: 271870, 195530
Slice: A
Site Area (Ha): 0.09
Search Buffer (m): 100

Site Details

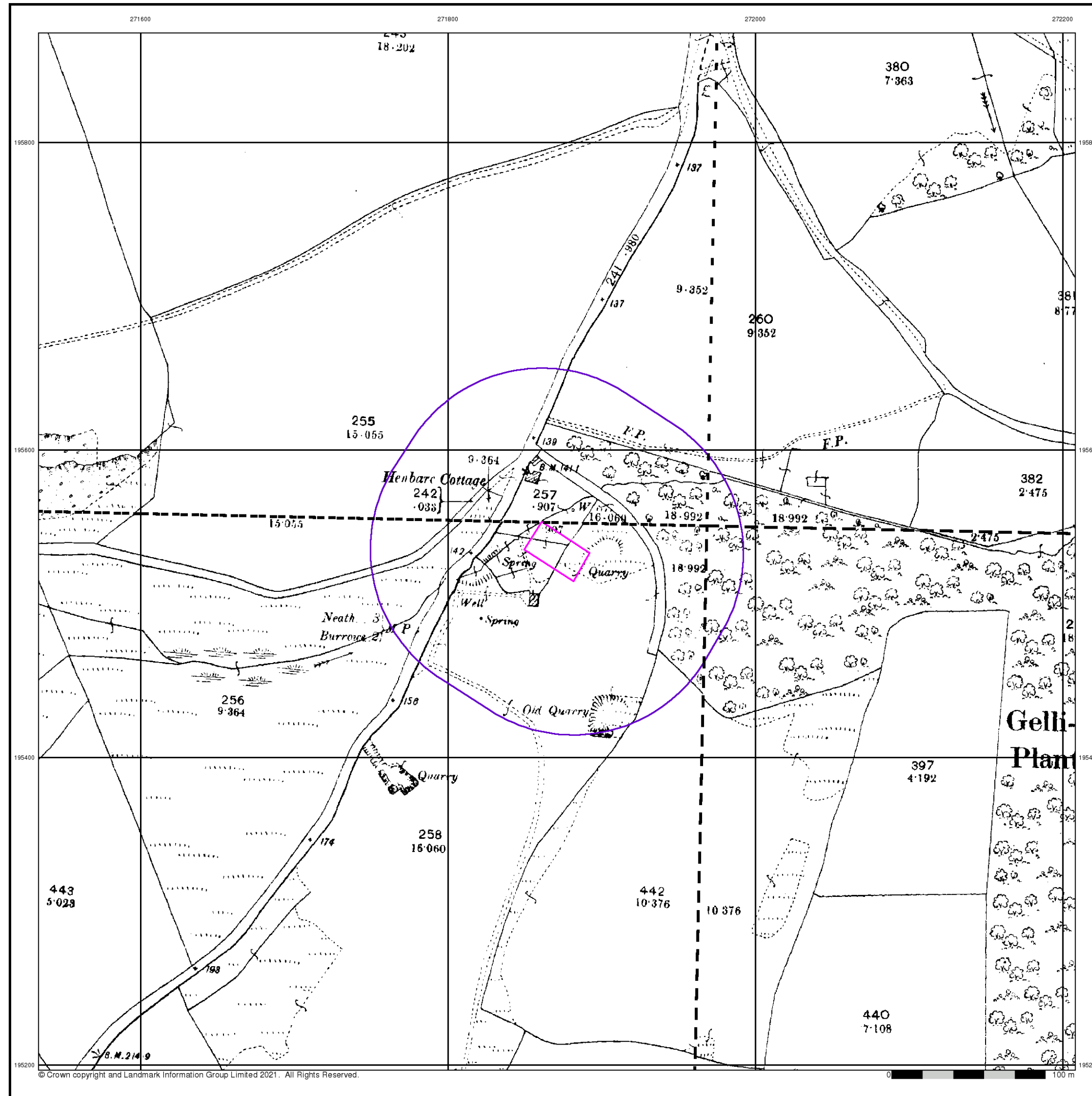
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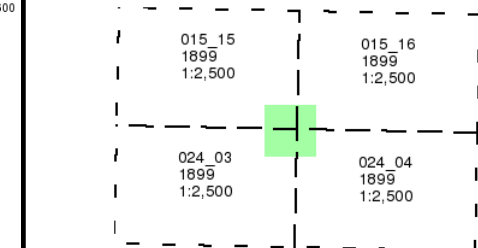
Glamorganshire

Published 1899

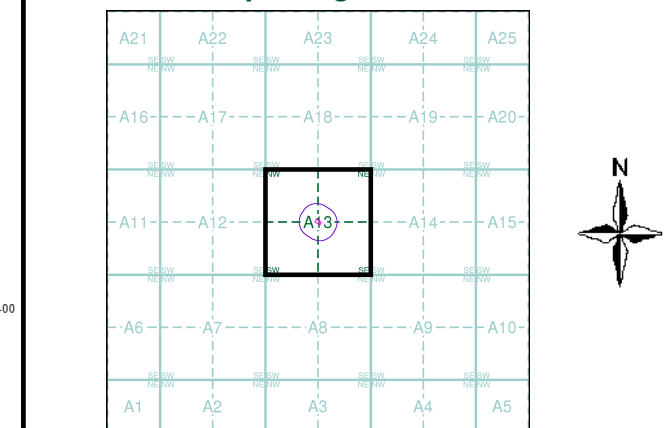
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

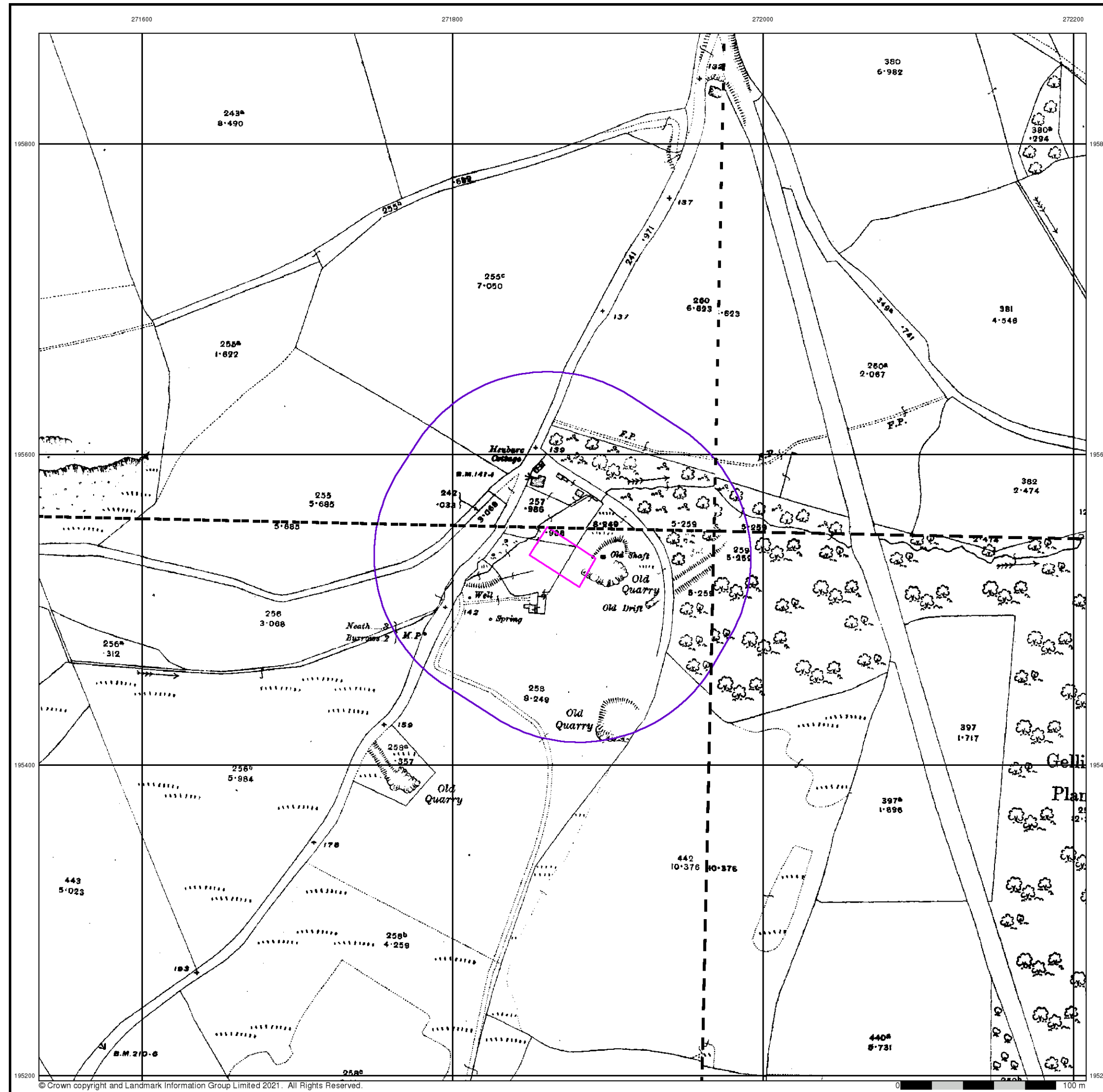
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Customer Ref: IN21655
National Grid Reference: 271870, 195530
Slice: A
Site Area (Ha): 0.09
Search Buffer (m): 100

Site Details

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Glamorganshire

Published 1918

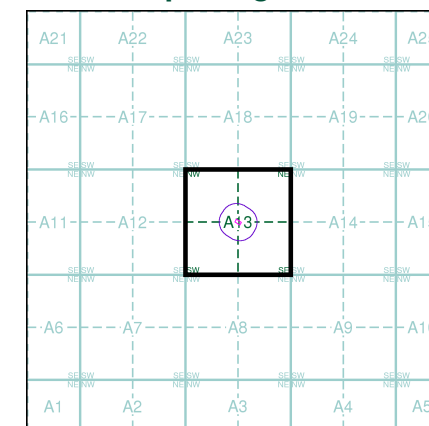
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

015_15 1918 1:2,500	015_16 1918 1:2,500
024_03 1918 1:2,500	024_04 1918 1:2,500

Historical Map - Segment A13



Order Details

Order Number: 285963284_1_1
Customer Ref: IN21655
National Grid Reference: 271870, 195530
Slice: A
Site Area (Ha): 0.09
Search Buffer (m): 100

Site Details

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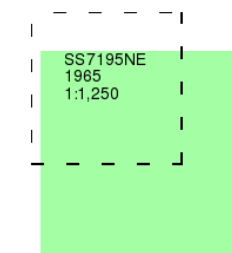
Ordnance Survey Plan

Published 1965

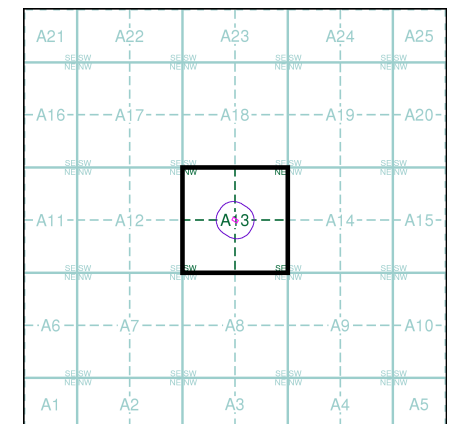
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13

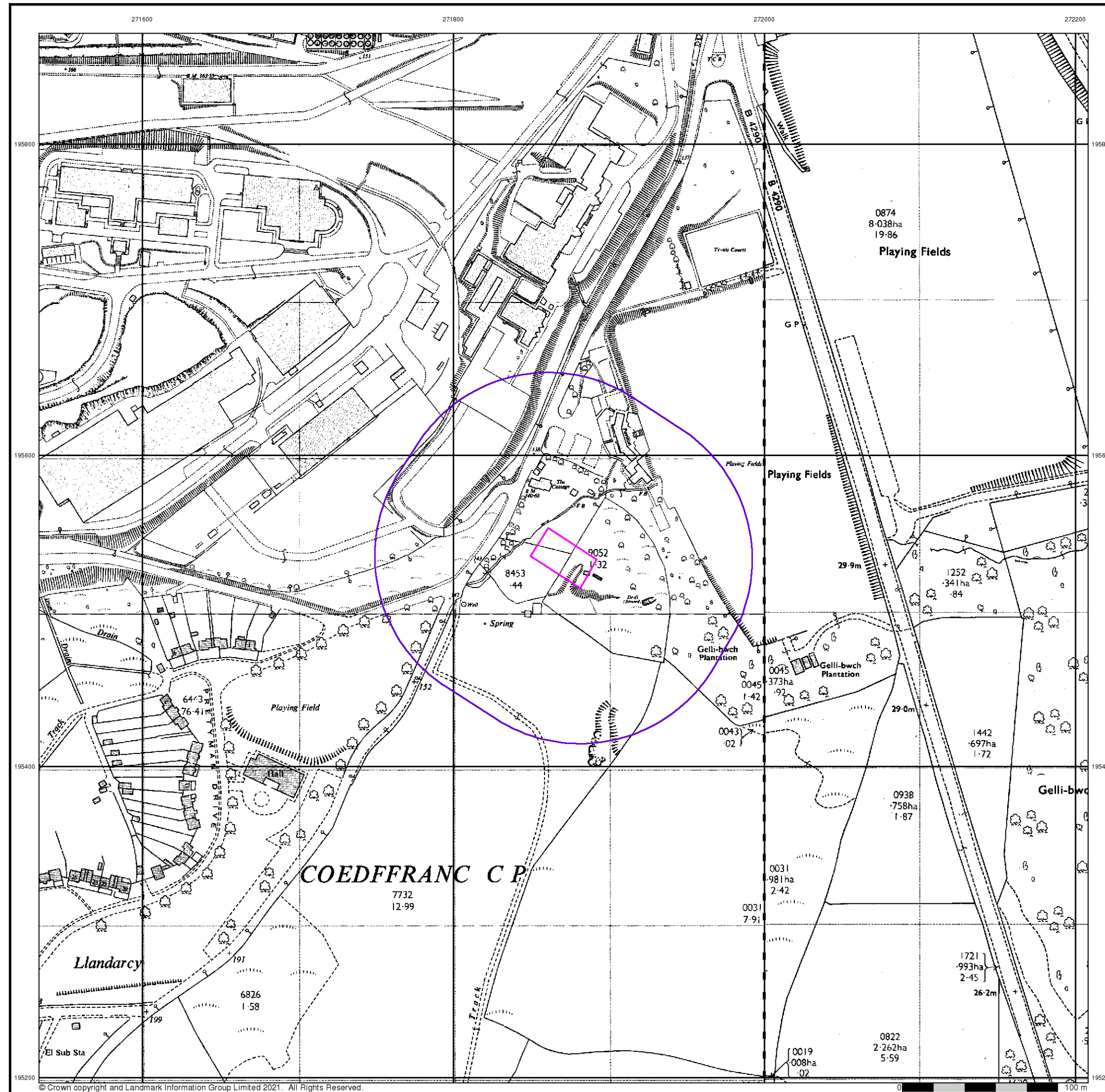


Order Details

Order Number: 285963284_1_1
Customer Ref: IN21655
National Grid Reference: 271870, 195530
Slice: A
Site Area (Ha): 0.09
Search Buffer (m): 100

Site Details

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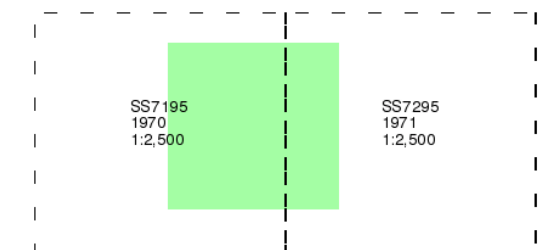
Ordnance Survey Plan

Published 1970 - 1971

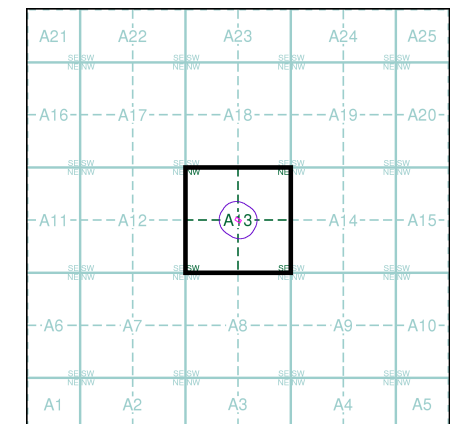
Source map scale - 1:2,500

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

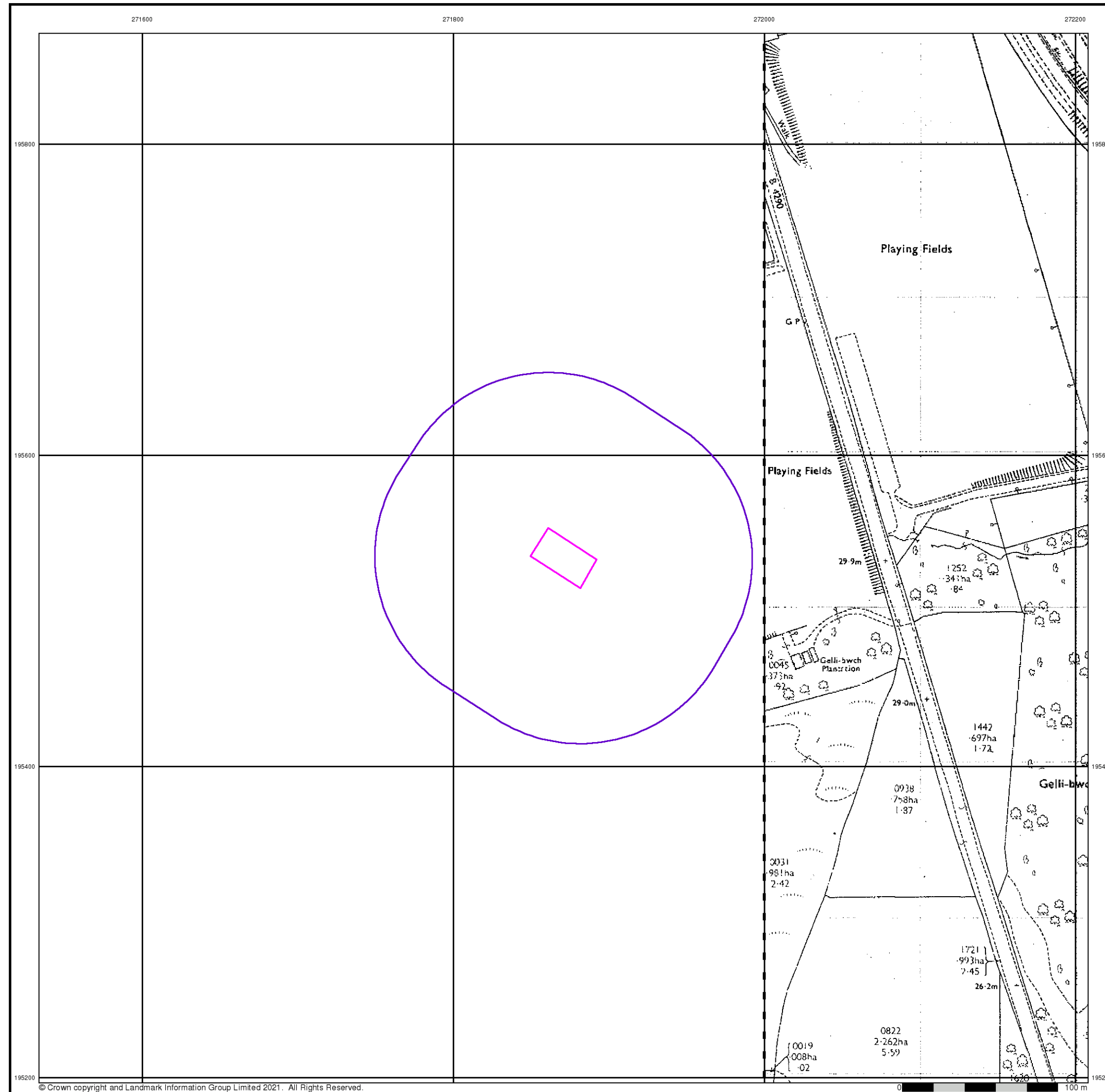
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Customer Ref: IN21655
National Grid Reference: 271870, 195530
Slice: A
Site Area (Ha): 0.09
Search Buffer (m): 100

Site Details

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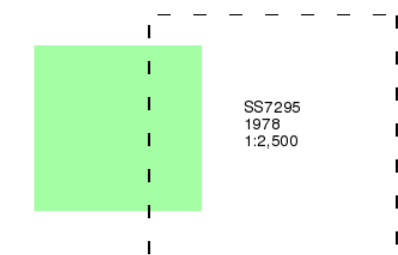
Additional SIMs

Published 1978

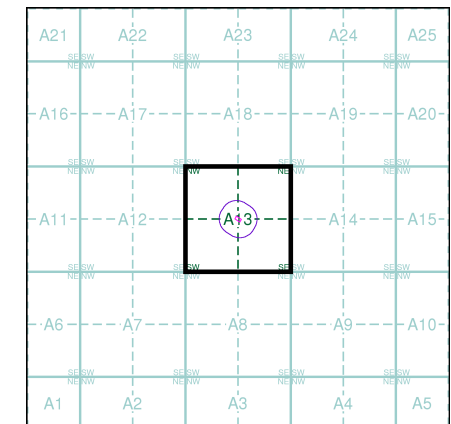
Source map scale - 1:2,500

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

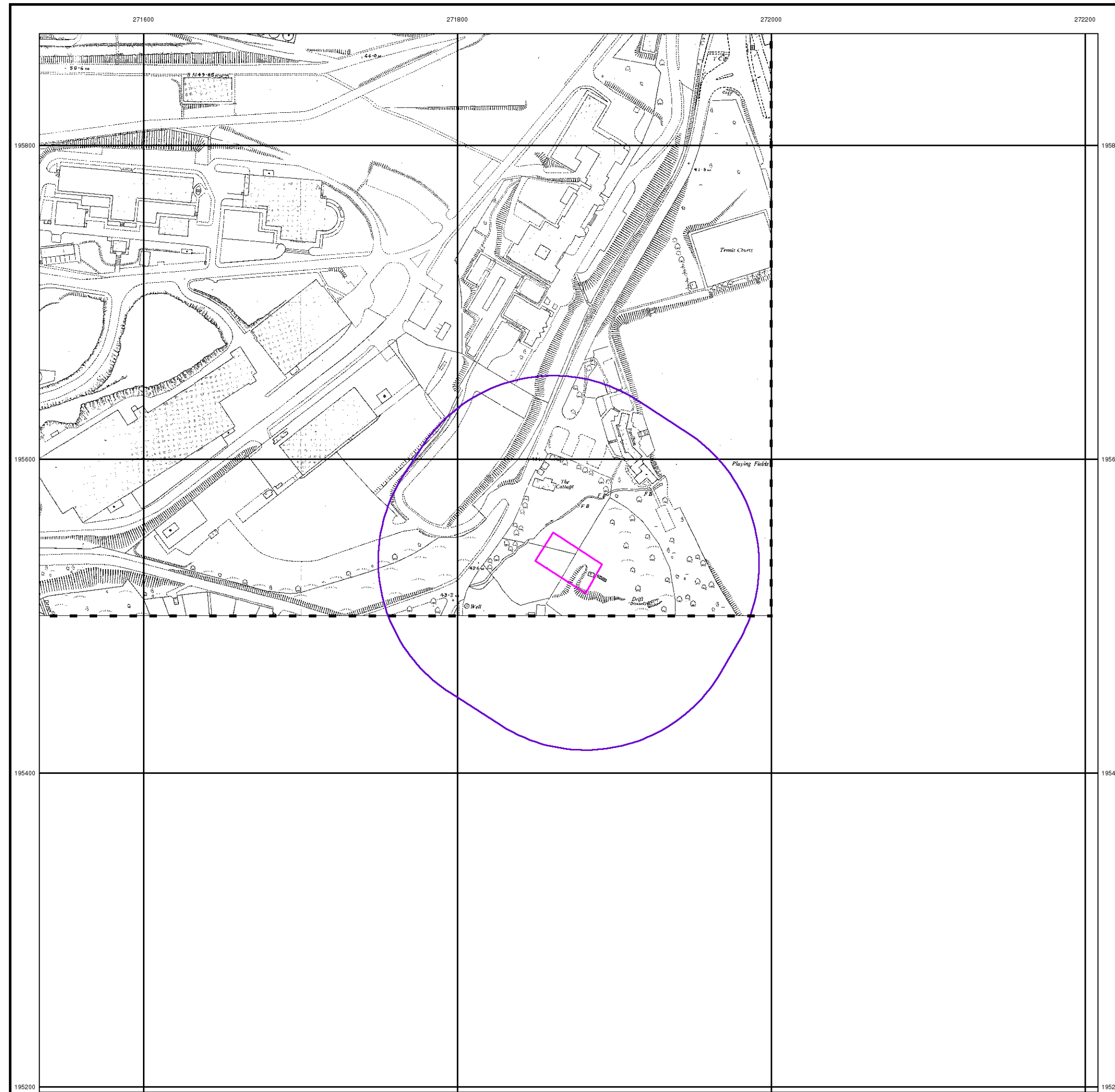


Order Details

Order Number: 285963284_1_1
Customer Ref: IN21655
National Grid Reference: 271870, 195530
Slice: A
Site Area (Ha): 0.09
Search Buffer (m): 100

Site Details

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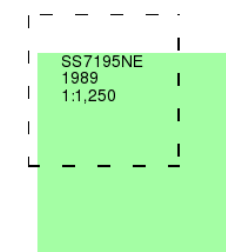
Additional SIMs

Published 1989

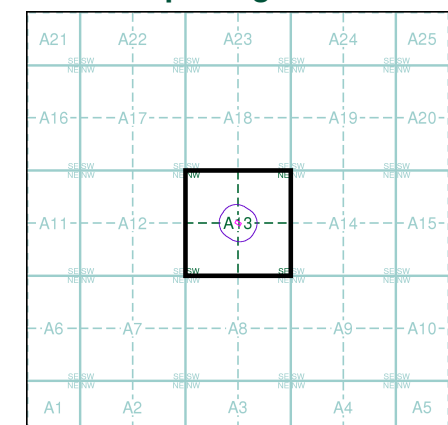
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 285963284_1_1
Customer Ref: IN21655
National Grid Reference: 271870, 195530
Slice: A
Site Area (Ha): 0.09
Search Buffer (m): 100

Site Details

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Large-Scale National Grid Data

Published 1993

Source map scale - 1:1,250

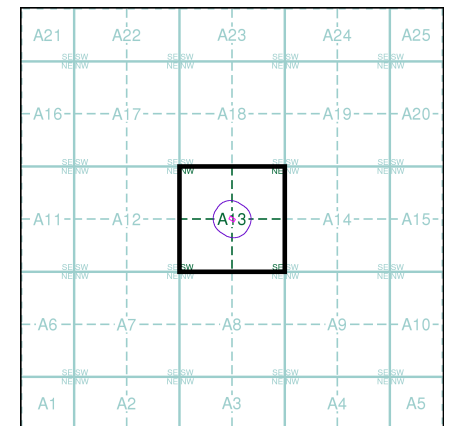
'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

SS7195NE
1993
1:1,250

SS7195SE
1993
1:1,250

Historical Map - Segment A13

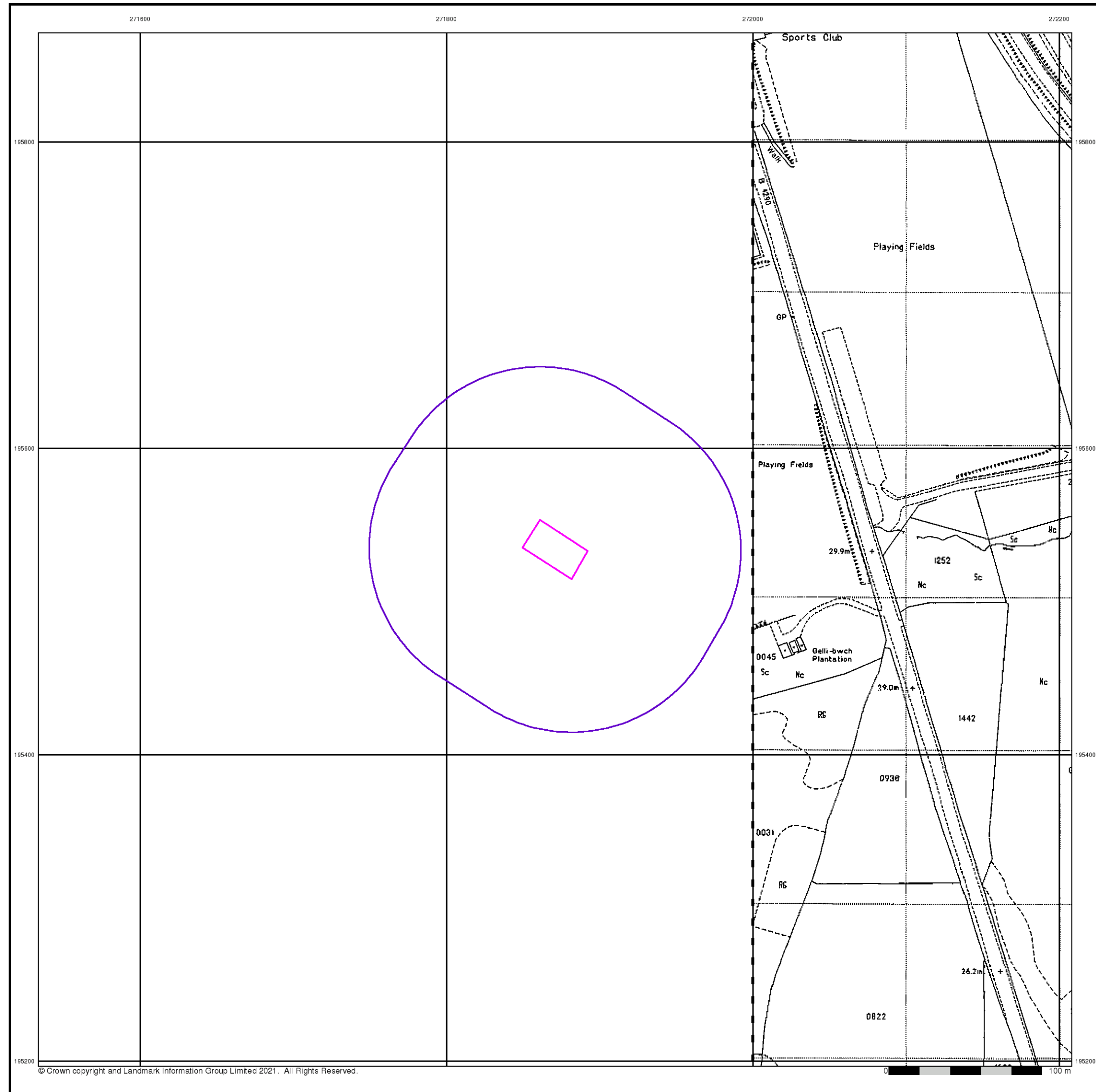


Order Details

Order Number: 285963284_1_1
Customer Ref: IN21655
National Grid Reference: 271870, 195530
Slice: A
Site Area (Ha): 0.09
Search Buffer (m): 100

Site Details

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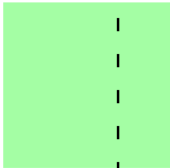
Large-Scale National Grid Data

Published 1993

Source map scale - 1:2,500

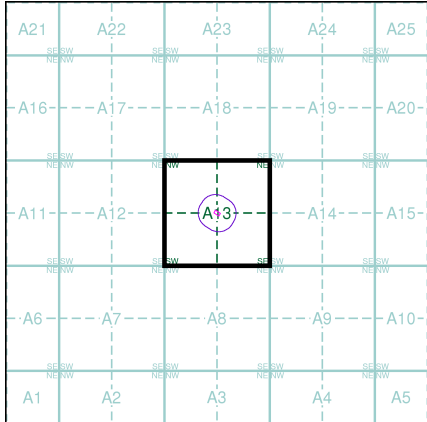
'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)



SS7295
1993
1:2,500

Historical Map - Segment A13



Order Details

Order Number:	285963284_1_1
Customer Ref:	IN21655
National Grid Reference:	271870, 195530
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Site Area (Ha):	0.09
Search Buffer (m):	100

Site Details

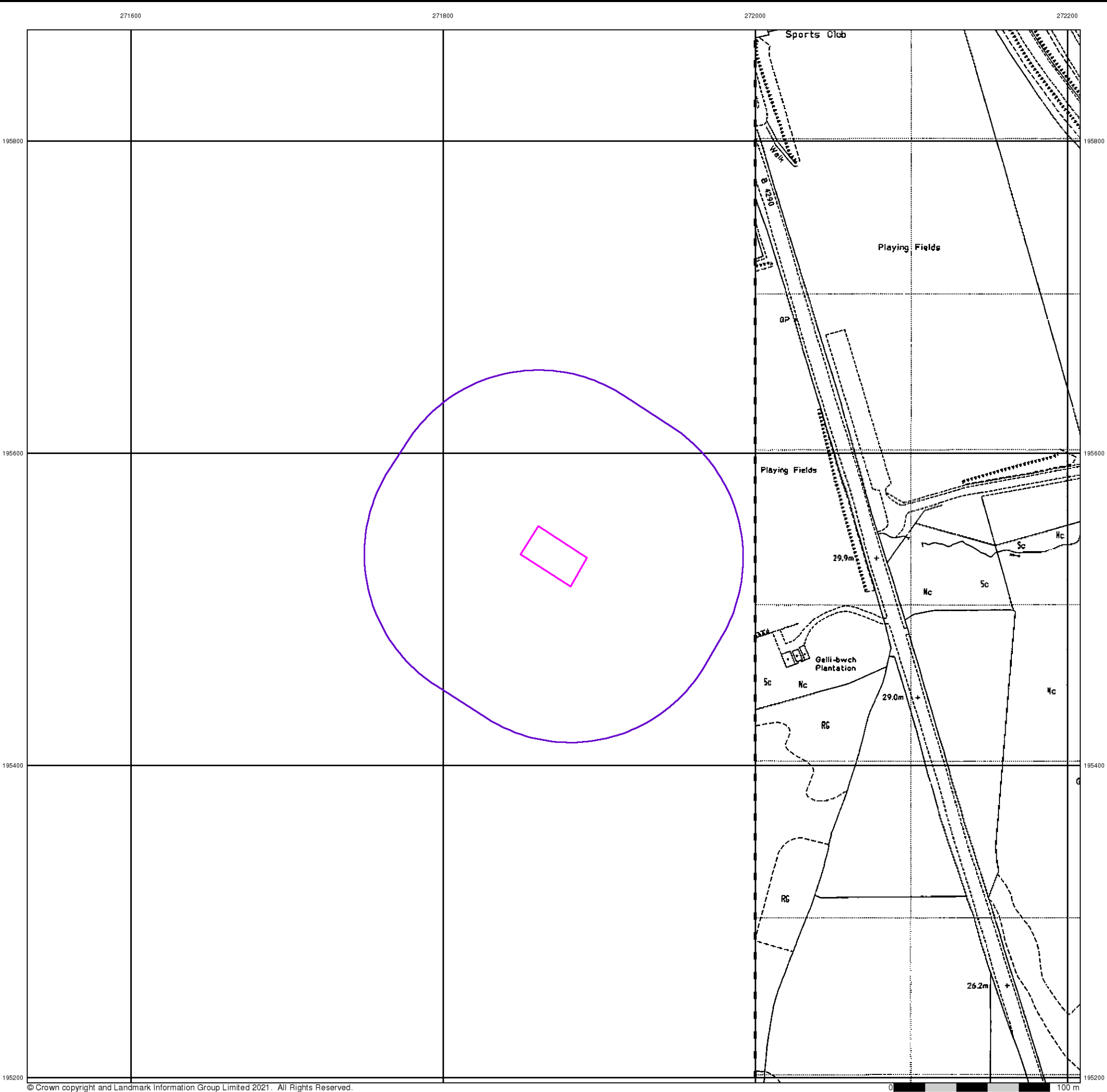
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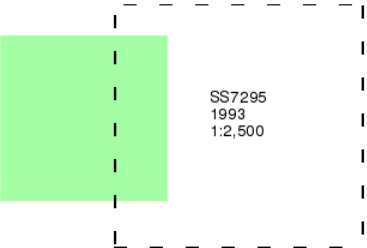
Large-Scale National Grid Data

Published 1993

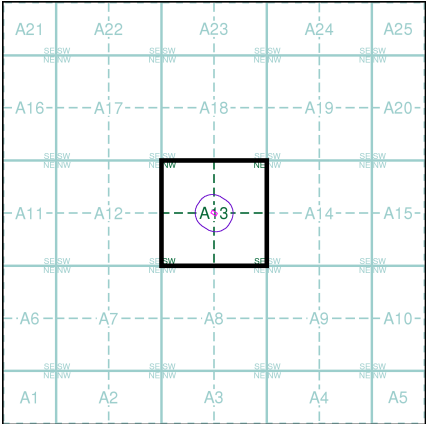
Source map scale - 1:2,500

'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

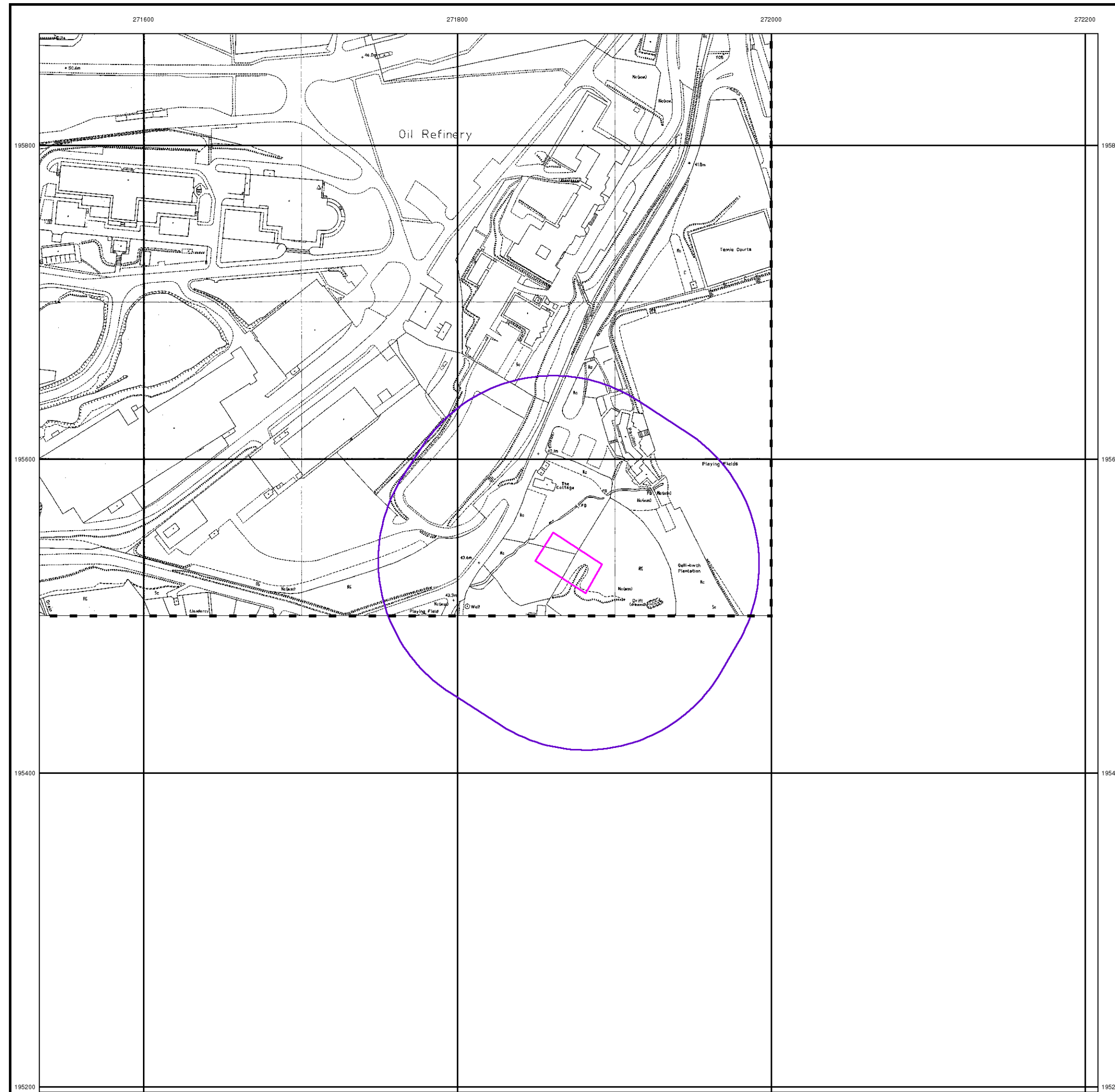
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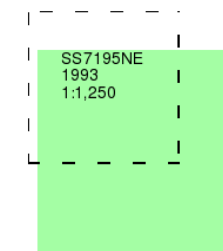
Large-Scale National Grid Data

Published 1993

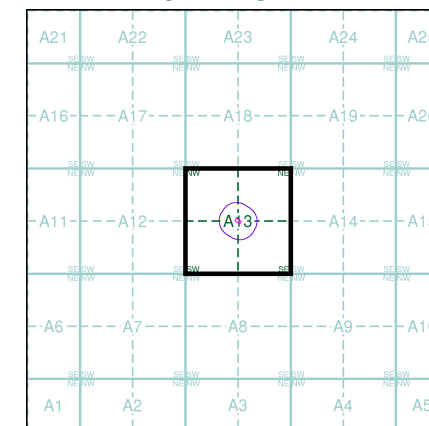
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

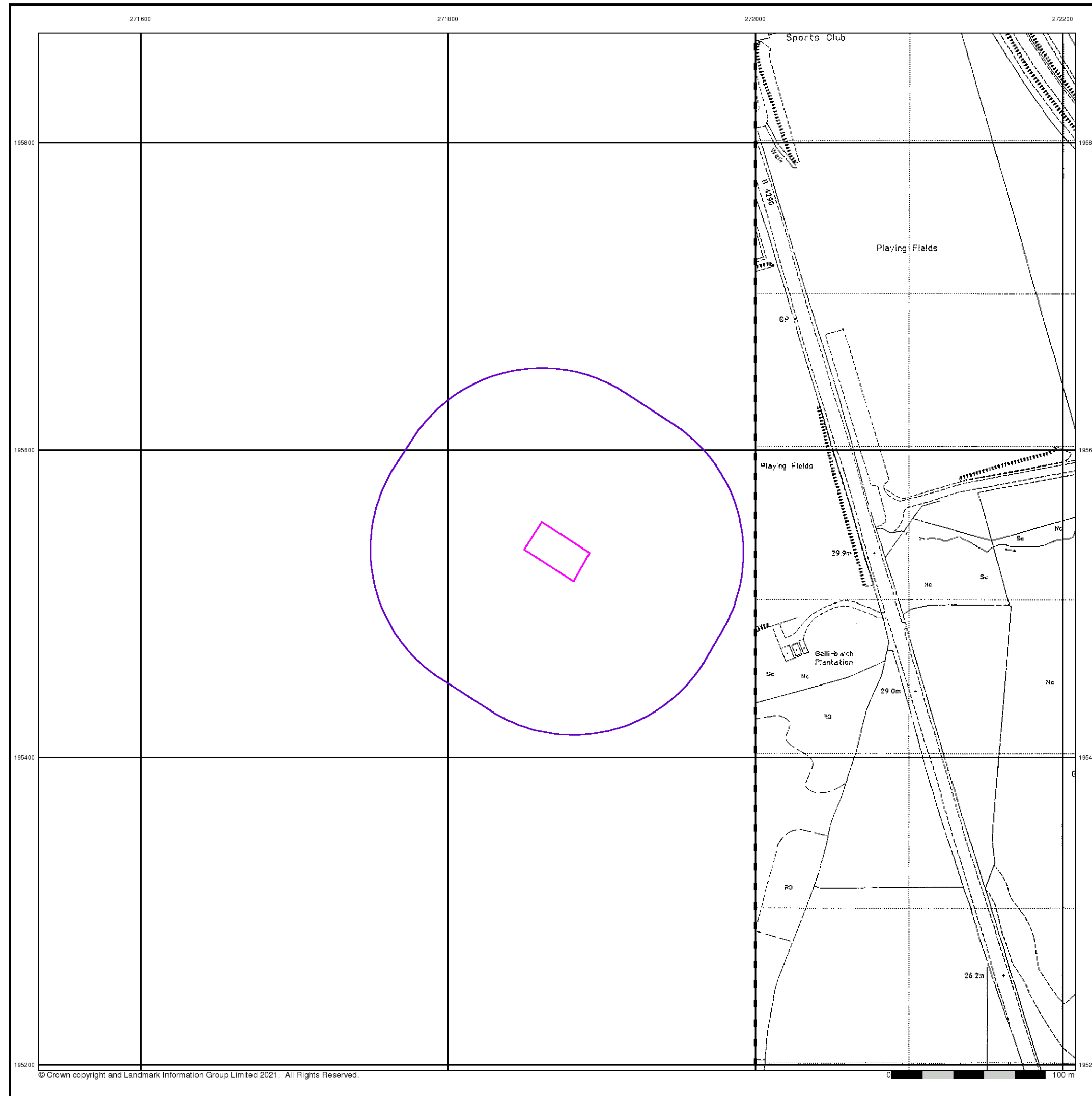
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Slice: A
Site Area (Ha): 0.09
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Site Details

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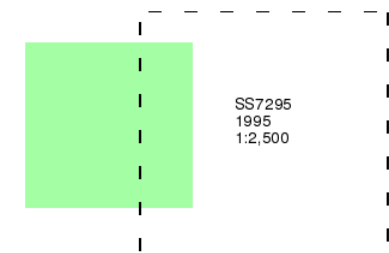
Large-Scale National Grid Data

Published 1995

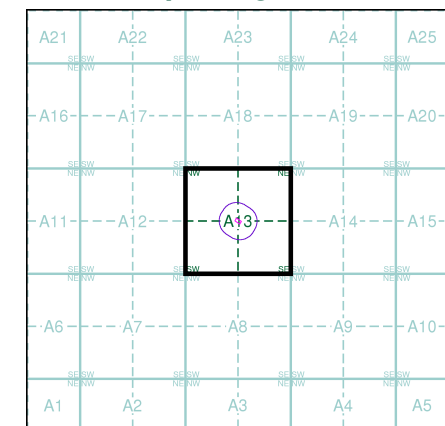
Source map scale - 1:2,500

'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: 285963284_1_1
Customer Ref: IN21655
National Grid Reference: 271870, 195530
Slice: A
Site Area (Ha): 0.09
Search Buffer (m): 100

Site Details

Llandarcy ACADemy of Sport, Access Road to Llandarcy Village, LLANDARCY, SA10 6JD

**ATTACHMENT THREE:
GEO-INSIGHT REPORT**

LLANDARCY ACADEMY OF SPORT, ACCESS ROAD TO LLANDARCY VILLAGE, LLANDARCY, SA10 6JD

Order Details

Date: 07/10/2021
Your ref: 28538
Our Ref: GS-8244861
Client: Subadra Consulting

Site Details

Location: 271867 195534
Area: 0.07 ha
Authority: [Castell-nedd Port Talbot - Neath Port Talbot County Borough](#)



Summary of findings

p. 2

Aerial image

p. 5

OS MasterMap site plan

p.10

groundsure.com/insightuserguide

Contact us with any questions at:

info@groundsure.com

08444 159 000

Summary of findings

Page	Section	Geology 1:10,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
11	1.1	10k Availability	Identified (within 500m)				
12	1.2	Artificial and made ground (10k)	1	3	6	4	-
14	1.3	Superficial geology (10k)	0	1	0	1	-
15	1.4	Landslip (10k)	0	0	0	0	-
16	1.5	Bedrock geology (10k)	2	0	2	8	-
17	1.6	Bedrock faults and other linear features (10k)	1	1	2	5	-
Page	Section	Geology 1:50,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
18	2.1	50k Availability	Identified (within 500m)				
19	2.2	Artificial and made ground (50k)	0	1	0	1	-
20	2.3	Artificial ground permeability (50k)	0	1	-	-	-
21	2.4	Superficial geology (50k)	0	1	0	1	-
22	2.5	Superficial permeability (50k)	Identified (within 50m)				
22	2.6	Landslip (50k)	0	0	0	0	-
22	2.7	Landslip permeability (50k)	None (within 50m)				
23	2.8	Bedrock geology (50k)	2	1	2	8	-
24	2.9	Bedrock permeability (50k)	Identified (within 50m)				
25	2.10	Bedrock faults and other linear features (50k)	1	1	2	2	-
Page	Section	Boreholes	On site	0-50m	50-250m	250-500m	500-2000m
26	3.1	BGS Boreholes	0	0	0	-	-
Page	Section	Natural ground subsidence					
27	4.1	Shrink swell clays	Very low (within 50m)				
28	4.2	Running sands	Very low (within 50m)				
30	4.3	Compressible deposits	Negligible (within 50m)				
31	4.4	Collapsible deposits	Very low (within 50m)				
32	4.5	Landslides	Low (within 50m)				
34	4.6	Ground dissolution of soluble rocks	Negligible (within 50m)				



Page	Section	Mining, ground workings and natural cavities	On site	0-50m	50-250m	250-500m	500-2000m
35	5.1	Natural cavities	0	0	0	0	-
36	5.2	<u>BritPits</u>	0	1	3	3	-
37	5.3	<u>Surface ground workings</u>	7	10	17	-	-
39	5.4	<u>Underground workings</u>	4	2	0	7	8
40	5.5	Historical Mineral Planning Areas	0	0	0	0	-
40	5.6	Non-coal mining	0	0	0	0	0
40	5.7	Mining cavities	0	0	0	0	0
40	5.8	JPB mining areas	None (within 0m)				
40	5.9	<u>Coal mining</u>	Identified (within 0m)				
41	5.10	Brine areas	None (within 0m)				
41	5.11	Gypsum areas	None (within 0m)				
41	5.12	Tin mining	None (within 0m)				
41	5.13	Clay mining	None (within 0m)				
Page	Section	Radon					
42	6.1	<u>Radon</u>	Less than 1% (within 0m)				
Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m
43	7.1	<u>BGS Estimated Background Soil Chemistry</u>	1	4	-	-	-
43	7.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
44	7.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects	On site	0-50m	50-250m	250-500m	500-2000m
45	8.1	Underground railways (London)	0	0	0	-	-
45	8.2	Underground railways (Non-London)	0	0	0	-	-
46	8.3	Railway tunnels	0	0	0	-	-
46	8.4	<u>Historical railway and tunnel features</u>	0	0	3	-	-
46	8.5	Royal Mail tunnels	0	0	0	-	-
46	8.6	Historical railways	0	0	0	-	-
47	8.7	Railways	0	0	0	-	-
47	8.8	Crossrail 1	0	0	0	0	-



47	8.9	Crossrail 2	0	0	0	0	-
47	8.10	HS2	0	0	0	0	-

Recent aerial photograph



Aerial photography supplied by Getmapping PLC. © Copyright Getmapping PLC 2021. All Rights Reserved.

Capture Date: 14/04/2020

Site Area: 0.07ha



Recent site history - 2017 aerial photograph



Capture Date: 26/05/2017

Site Area: 0.07ha



Recent site history - 2014 aerial photograph



Capture Date: 23/07/2014

Site Area: 0.07ha



Recent site history - 2009 aerial photograph



Capture Date: 12/10/2009

Site Area: 0.07ha



Recent site history - 2000 aerial photograph

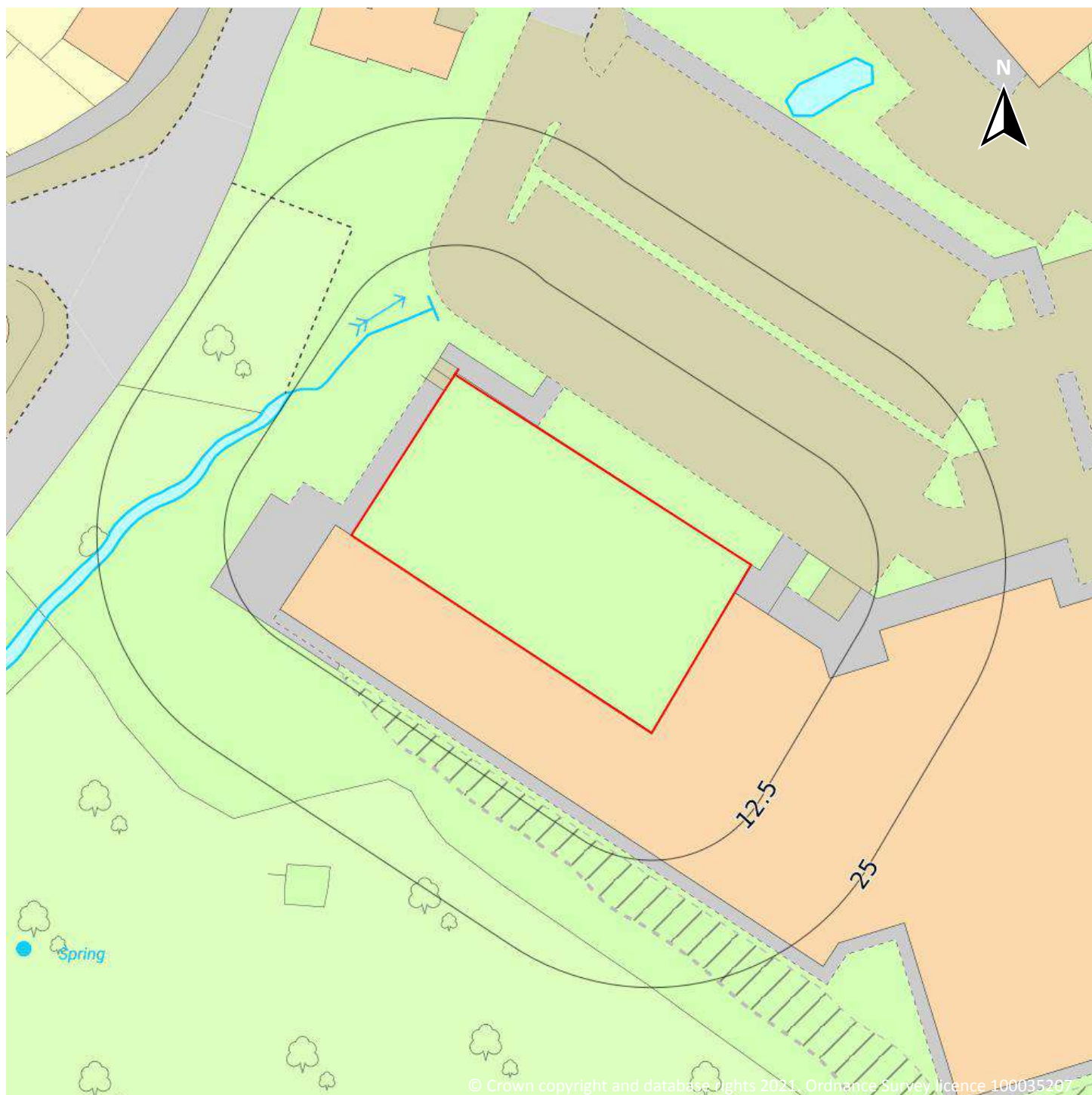


Capture Date: 18/06/2000

Site Area: 0.07ha



OS MasterMap site plan

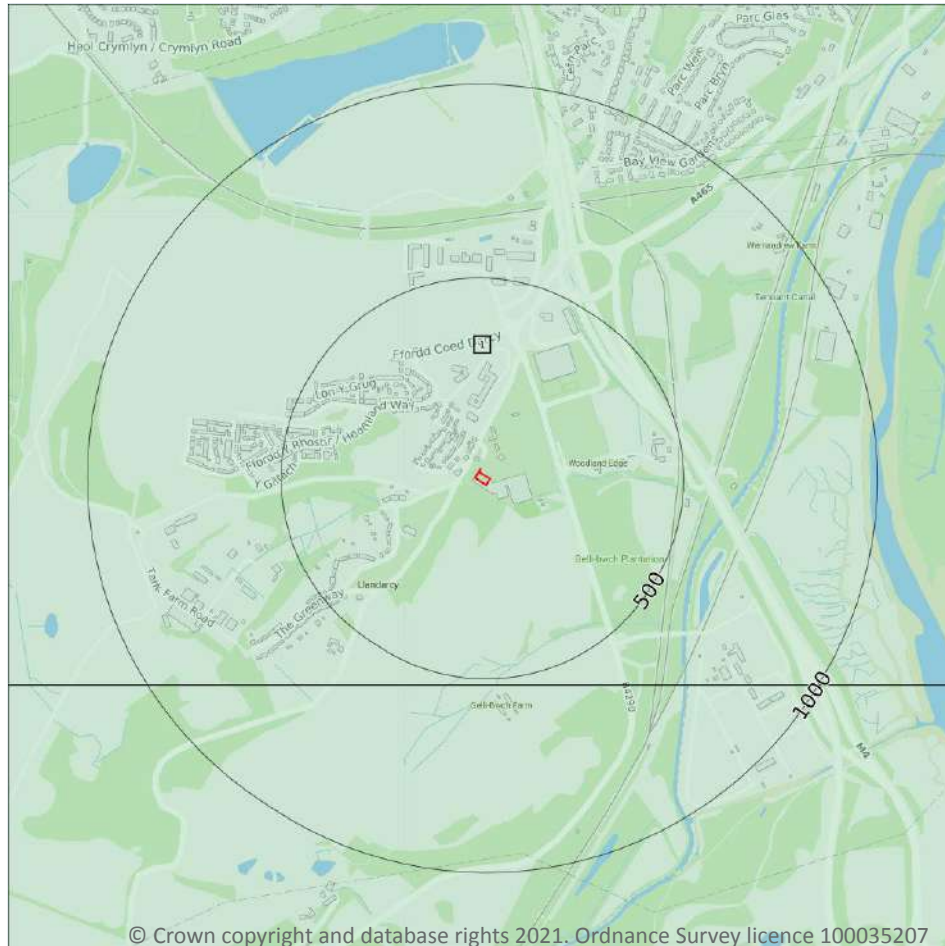


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Site Area: 0.07ha



1 Geology 1:10,000 scale - Availability



— Site Outline
Search buffers in metres (m)

- Full coverage
- Partial coverage
- No coverage

1.1 10k Availability

Records within 500m

1

An indication on the coverage of 1:10,000 scale geology data for the site, the most detailed dataset provided by the British Geological Survey. Either 'Full', 'Partial' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:10,000 scale - Availability map on **page 11**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	SS79NW

This data is sourced from the British Geological Survey.

[illegible]

-  Reclaimed ground
-  Made ground
-  Worked ground
-  Infilled ground
-  Disturbed ground
-  Landscaped ground

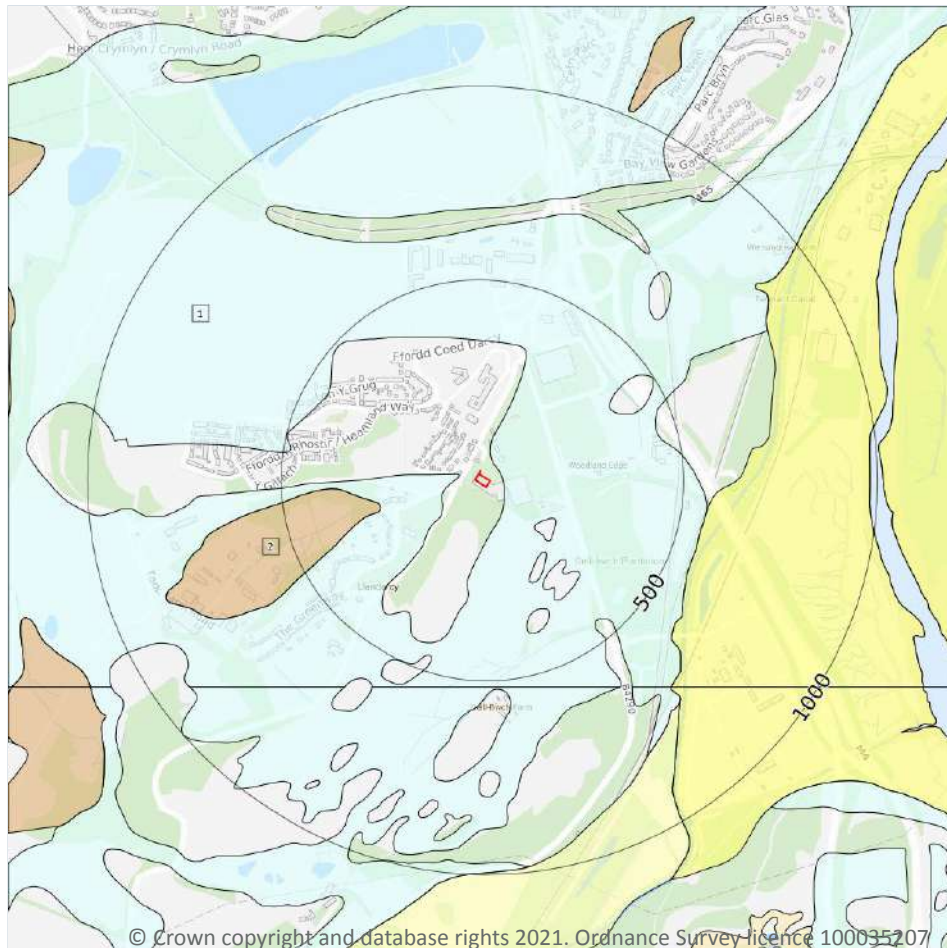
ID	Location	LEX Code	Description	Rock description
A	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
A	27m SE	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
A	46m E	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
1	46m NW	LSGR-UKNOWN	Landscaped Ground (Undivided)	Unknown/unclassified Entry

ID	Location	LEX Code	Description	Rock description
A	60m E	WGR-VOID	Worked Ground (Undivided)	Void
2	69m NE	WGR-VOID	Worked Ground (Undivided)	Void
A	73m S	WGR-VOID	Worked Ground (Undivided)	Void
3	139m SW	WGR-VOID	Worked Ground (Undivided)	Void
4	223m W	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
5	233m W	WGR-VOID	Worked Ground (Undivided)	Void
6	412m NE	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
7	455m NE	WMGR-ARTDP	Infilled Ground	Artificial Deposit
8	471m E	WGR-VOID	Worked Ground (Undivided)	Void
9	491m N	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Superficial



Site Outline

Search buffers in metres (m)

Landslip (10k)

Superficial geology (10k)
Please see table for more details.

1.3 Superficial geology (10k)

Records within 500m

2

Superficial geological deposits at 1:10,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

Features are displayed on the Geology 1:10,000 scale - Superficial map on **page 14**

ID	Location	LEX Code	Description	Rock description
1	32m NE	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton
2	253m W	PEAT-P	Peat - Peat	Peat

This data is sourced from the British Geological Survey.



1.4 Landslip (10k)

Records within 500m

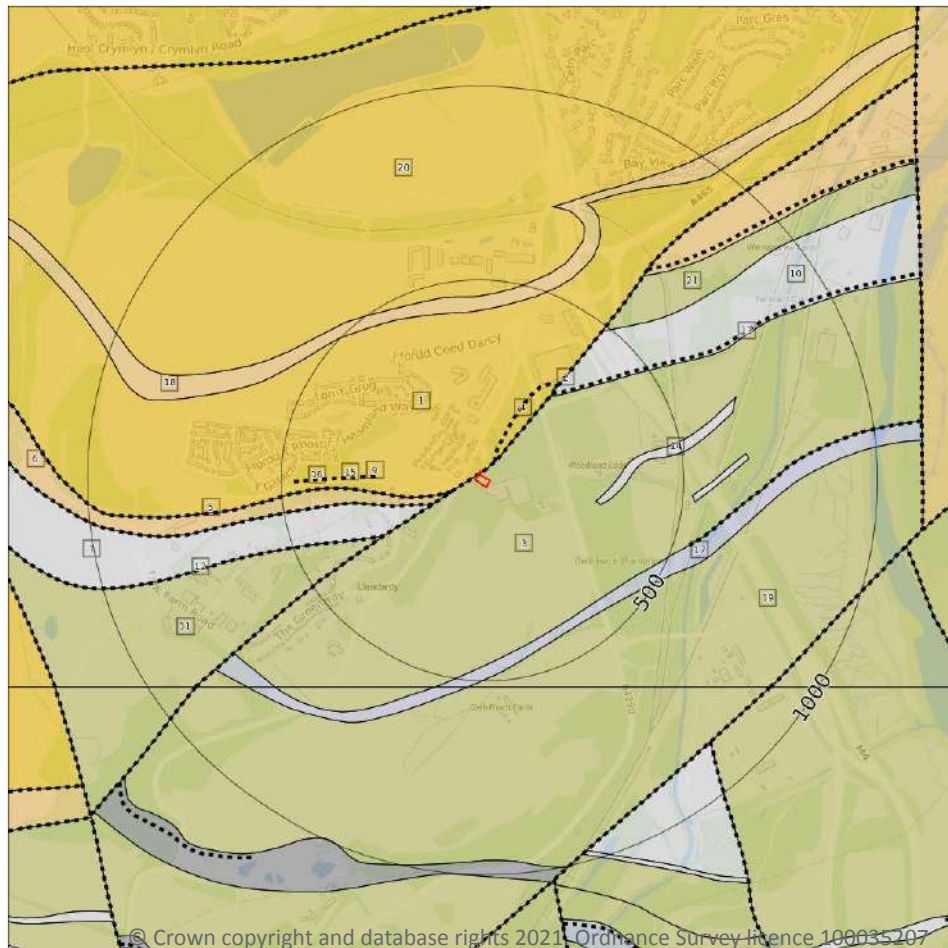
0

Mass movement deposits on BGS geological maps at 1:10,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Bedrock



Site Outline

Search buffers in metres (m)

..... Bedrock faults and other linear features (10k)

Bedrock geology (10k)
Please see table for more details.

1.5 Bedrock geology (10k)

Records within 500m

12

Bedrock geology at 1:10,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:10,000 scale - Bedrock map on **page 16**

ID	Location	LEX Code	Description	Rock age
1	On site	H-SDST	Hughes Member - Sandstone	Westphalian D Sub-age
3	On site	BD-SDST	Brithdir Member - Sandstone	Westphalian D Sub-age
6	68m SW	H-MDSS	Hughes Member - Mudstone, Siltstone And Sandstone	Westphalian D Sub-age
7	126m SW	BD-MDSS	Brithdir Member - Mudstone, Siltstone And Sandstone	Westphalian D Sub-age



ID	Location	LEX Code	Description	Rock age
10	265m NE	BD-MDSS	Brithdir Member - Mudstone, Siltstone And Sandstone	Westphalian D Sub-age
11	275m SW	BD-SDST	Brithdir Member - Sandstone	Westphalian D Sub-age
14	278m E	BD-MDSS	Brithdir Member - Mudstone, Siltstone And Sandstone	Westphalian D Sub-age
17	403m SE	RA-MDSS	Rhondda Member - Mudstone, Siltstone And Sandstone	Westphalian D Sub-age - Bolsovian Sub-age
18	418m N	H-MDSS	Hughes Member - Mudstone, Siltstone And Sandstone	Westphalian D Sub-age
19	427m SE	RA-SDST	Rhondda Member - Sandstone	Westphalian D Sub-age - Bolsovian Sub-age
20	457m N	H-SDST	Hughes Member - Sandstone	Westphalian D Sub-age
21	483m NE	BD-SDST	Brithdir Member - Sandstone	Westphalian D Sub-age

This data is sourced from the British Geological Survey.

1.6 Bedrock faults and other linear features (10k)

Records within 500m

9

Linear features at the ground or bedrock surface at 1:10,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

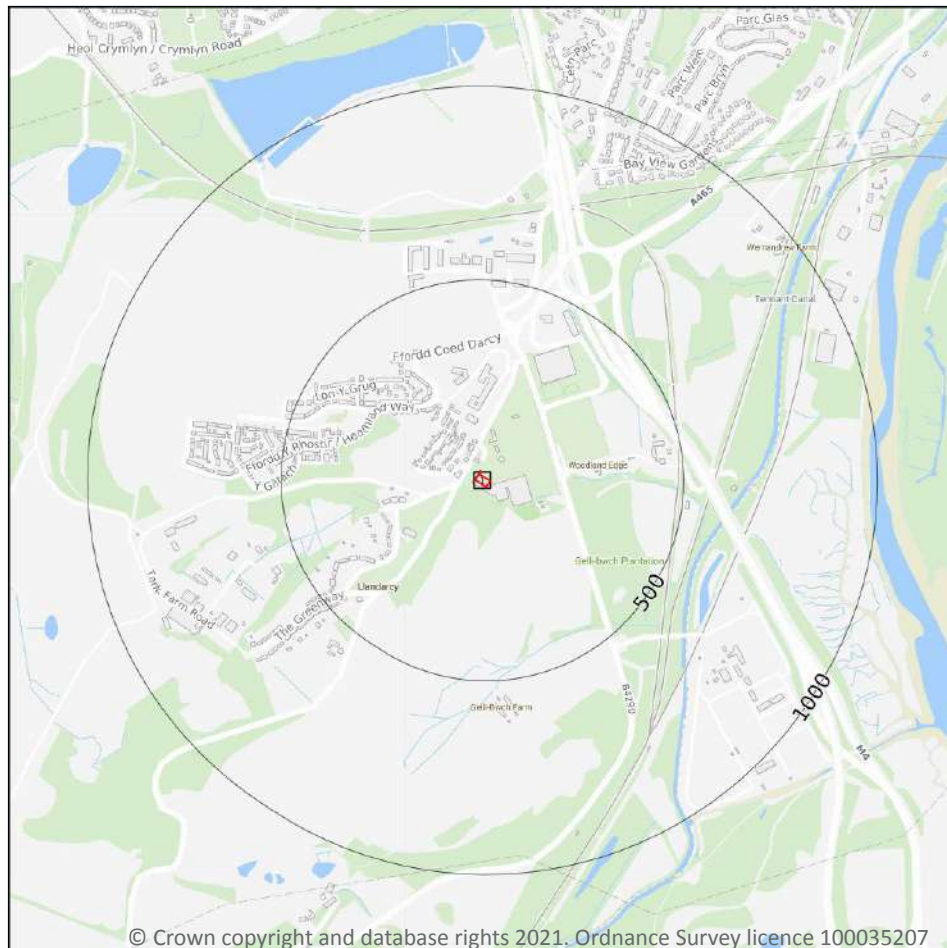
Features are displayed on the Geology 1:10,000 scale - Bedrock map on **page 16**

ID	Location	Category	Description
2	On site	FAULT	Normal fault, inferred
4	48m NE	ROCK	Coal seam, inferred ()
5	68m SW	ROCK	Coal seam, inferred ()
8	126m SW	ROCK	Coal seam, inferred (HUGHES)
9	254m W	ROCK	Coal seam, inferred ()
12	275m SW	ROCK	Coal seam, inferred (Boundary Inferred)
13	277m NE	ROCK	Coal seam, inferred ()
15	294m W	ROCK	Coal seam, observed ()
16	394m W	ROCK	Coal seam, inferred ()

This data is sourced from the British Geological Survey.



2 Geology 1:50,000 scale - Availability



- Site Outline
- Search buffers in metres (m)
- Geological map tile

2.1 50k Availability

Records within 500m

1

An indication on the coverage of 1:50,000 scale geology data for the site. Either 'Full' or 'No coverage' for each geological theme. Where 50k data is not available, this area has been filled in with 625k scale data.

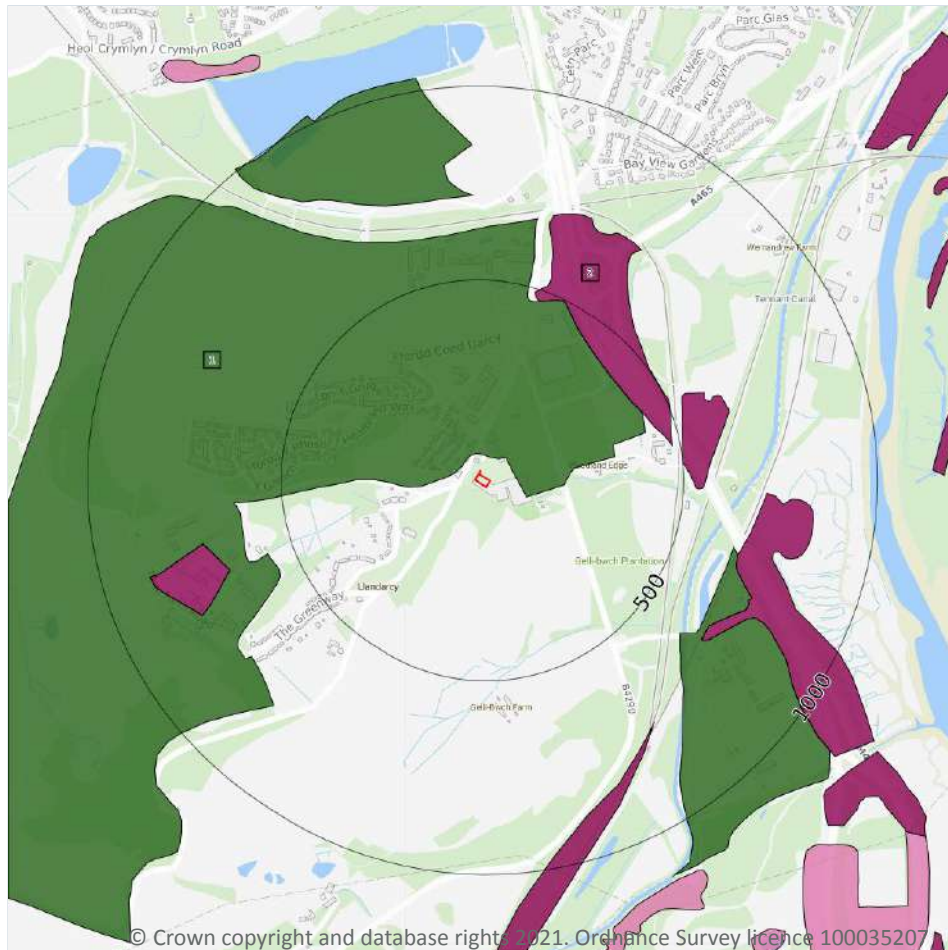
Features are displayed on the Geology 1:50,000 scale - Availability map on **page 18**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	EW247_swansea_v4

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Artificial and made ground



- Site Outline
- Search buffers in metres (m)
- Made ground
 - Worked ground
 - Infilled ground
 - Disturbed ground
 - Landscaped ground

2.2 Artificial and made ground (50k)

Records within 500m

2

Details of made, worked, infilled, disturbed and landscaped ground at 1:50,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

Features are displayed on the Geology 1:50,000 scale - Artificial and made ground map on **page 19**

ID	Location	LEX Code	Description	Rock description
1	46m NW	LSGR-ARTGR	LANDSCAPED GROUND (UNDIVIDED)	ARTIFICIALLY MODIFIED GROUND
2	412m NE	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT

This data is sourced from the British Geological Survey.

2.3 Artificial ground permeability (50k)

Records within 50m

1

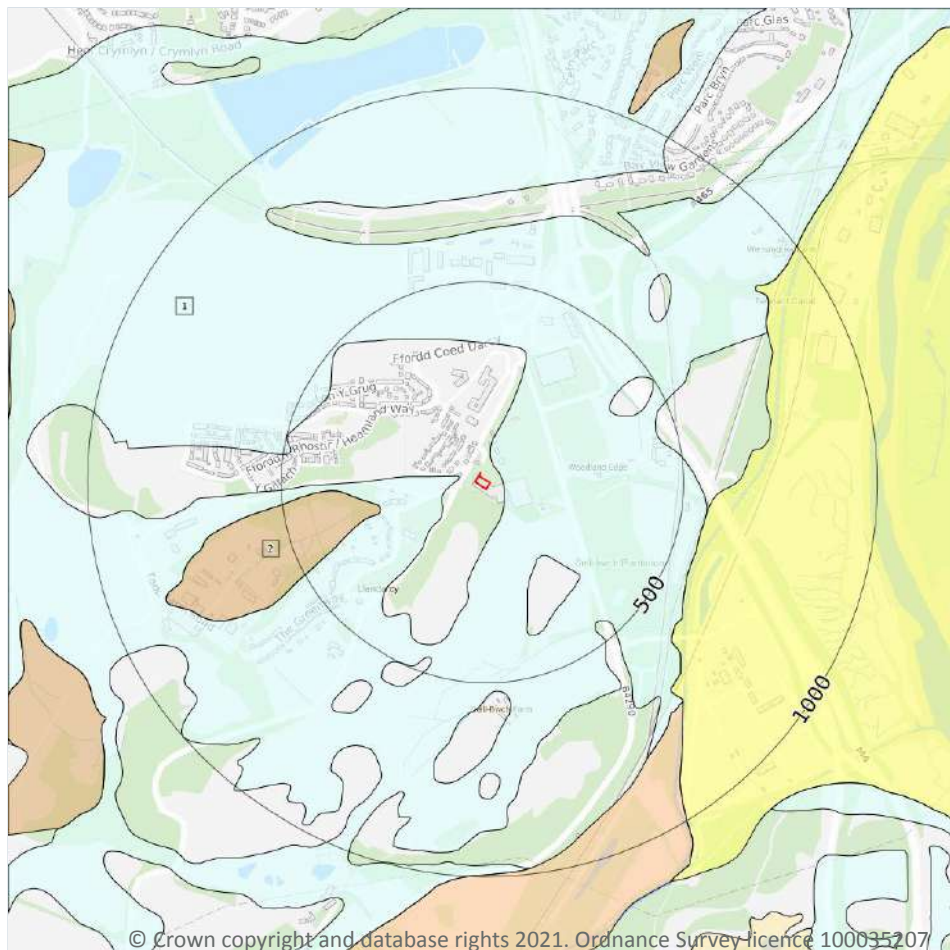
A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any artificial deposits (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
46m W	Mixed	Very High	Low

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Superficial



Site Outline

Search buffers in metres (m)

Landslip (50k)

Superficial geology (50k)
Please see table for more details.

2.4 Superficial geology (50k)

Records within 500m

2

Superficial geological deposits at 1:50,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

Features are displayed on the Geology 1:50,000 scale - Superficial map on **page 21**

ID	Location	LEX Code	Description	Rock description
1	32m NE	TILLD-DMTN	TILL, DEVANSIAN	DIAMICTON
2	253m W	PEAT-P	PEAT	PEAT

This data is sourced from the British Geological Survey.

2.5 Superficial permeability (50k)

Records within 50m

1

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any superficial deposits (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
32m N	Mixed	High	Low

This data is sourced from the British Geological Survey.

2.6 Landslip (50k)

Records within 500m

0

Mass movement deposits on BGS geological maps at 1:50,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.

2.7 Landslip permeability (50k)

Records within 50m

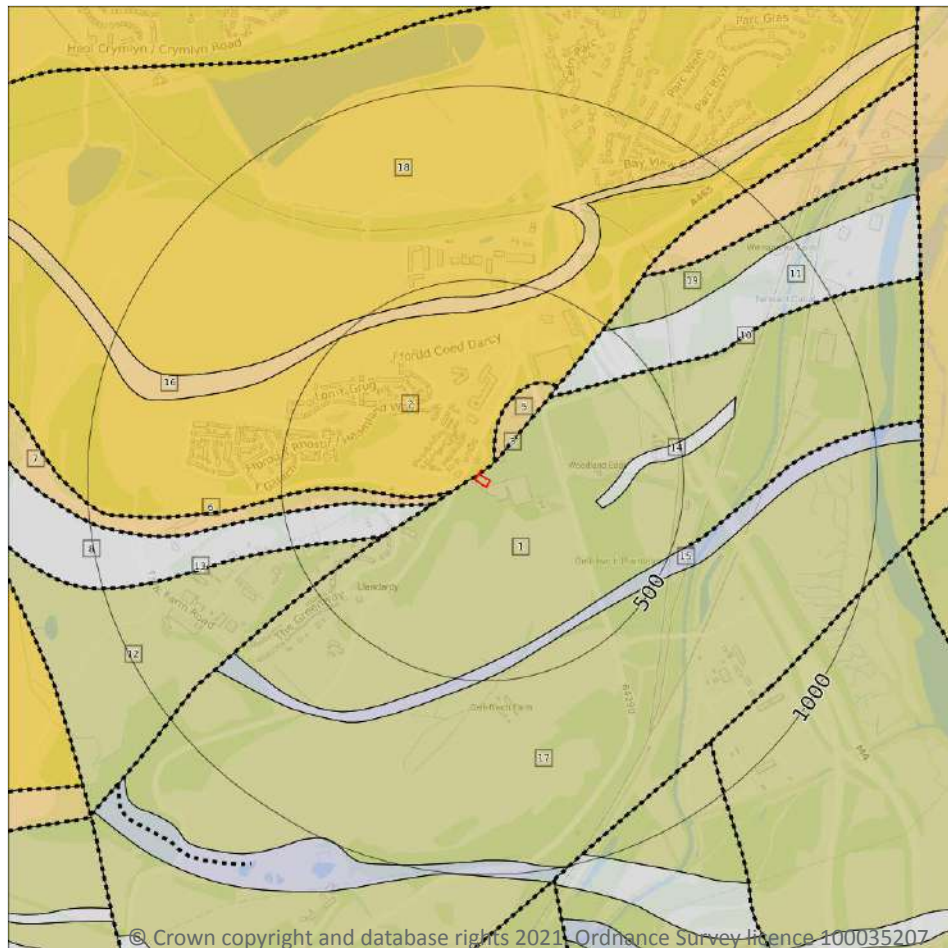
0

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any landslip deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Bedrock



— Site Outline

Search buffers in metres (m)

.... Bedrock faults and other linear features (50k)

Bedrock geology (50k)
Please see table for more details.

2.8 Bedrock geology (50k)

Records within 500m

13

Bedrock geology at 1:50,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 23**

ID	Location	LEX Code	Description	Rock age
1	On site	BD-SDST	BRITHDIR MEMBER - SANDSTONE	WESTPHALIAN
2	On site	H-SDST	HUGHES MEMBER - SANDSTONE	WESTPHALIAN
5	48m NE	H-MDSS	HUGHES MEMBER - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN

ID	Location	LEX Code	Description	Rock age
7	68m SW	H-MDSS	HUGHES MEMBER - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
8	126m SW	BD-MDSS	BRITHDIR MEMBER - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
11	265m NE	BD-MDSS	BRITHDIR MEMBER - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
12	275m SW	BD-SDST	BRITHDIR MEMBER - SANDSTONE	WESTPHALIAN
14	278m E	BD-MDSS	BRITHDIR MEMBER - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
15	403m SE	RA-MDSS	RHONDDA MEMBER - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
16	418m N	H-MDSS	HUGHES MEMBER - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
17	427m SE	RA-SDST	RHONDDA MEMBER - SANDSTONE	WESTPHALIAN
18	457m N	H-SDST	HUGHES MEMBER - SANDSTONE	WESTPHALIAN
19	483m NE	BD-SDST	BRITHDIR MEMBER - SANDSTONE	WESTPHALIAN

This data is sourced from the British Geological Survey.

2.9 Bedrock permeability (50k)

Records within 50m

3

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of bedrock (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	Fracture	High	Moderate
On site	Fracture	High	Moderate
48m NE	Fracture	Moderate	Low

This data is sourced from the British Geological Survey.



2.10 Bedrock faults and other linear features (50k)

Records within 500m

6

Linear features at the ground or bedrock surface at 1:50,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 23**

ID	Location	Category	Description
3	On site	FAULT	Fault, inferred, displacement unknown
4	48m NE	ROCK	Coal seam, inferred
6	68m SW	ROCK	Coal seam, inferred
9	126m SW	ROCK	Coal seam, inferred
10	265m NE	ROCK	Coal seam, inferred
13	275m SW	ROCK	Coal seam, inferred

This data is sourced from the British Geological Survey.



3 Boreholes

3.1 BGS Boreholes

Records within 250m

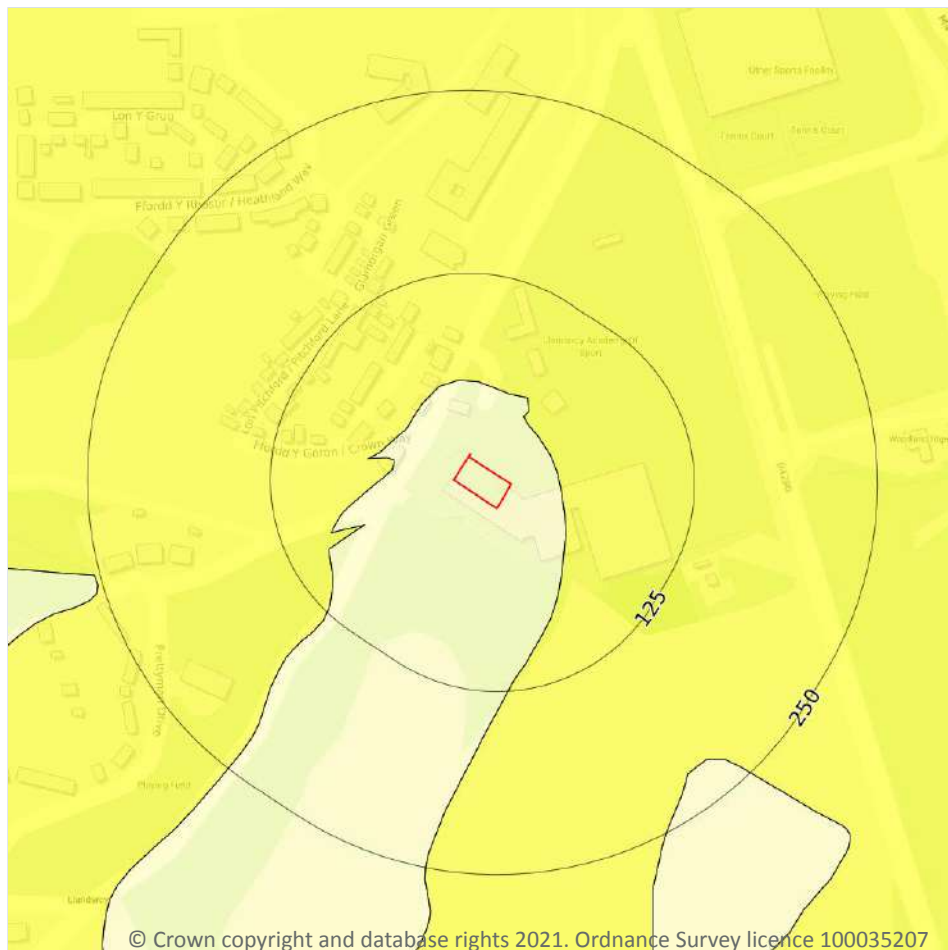
0

The Single Onshore Boreholes Index (SOBI); an index of over one million records of boreholes, shafts and wells from all forms of drilling and site investigation work held by the British Geological Survey. Covering onshore and nearshore boreholes dating back to at least 1790 and ranging from one to several thousand metres deep.

This data is sourced from the British Geological Survey.



4 Natural ground subsidence - Shrink swell clays



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☐ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

4.1 Shrink swell clays

Records within 50m

2

The potential hazard presented by soils that absorb water when wet (making them swell), and lose water as they dry (making them shrink). This shrink-swell behaviour is controlled by the type and amount of clay in the soil, and by seasonal changes in the soil moisture content (related to rainfall and local drainage).

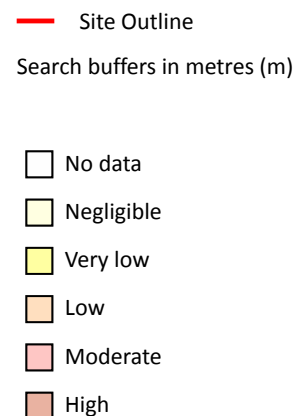
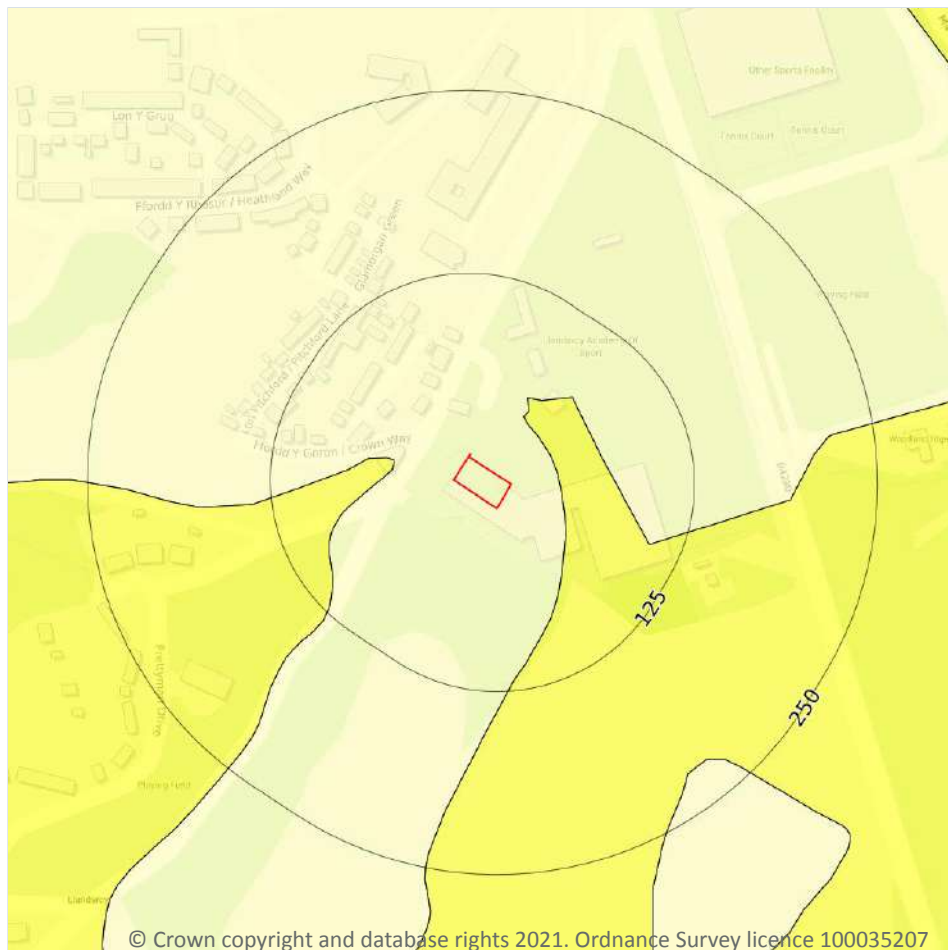
Features are displayed on the Natural ground subsidence - Shrink swell clays map on **page 27**

Location	Hazard rating	Details
On site	Negligible	Ground conditions predominantly non-plastic.
32m NE	Very low	Ground conditions predominantly low plasticity.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Running sands



4.2 Running sands

Records within 50m

2

The potential hazard presented by rocks that can contain loosely-packed sandy layers that can become fluidised by water flowing through them. Such sands can 'run', removing support from overlying buildings and causing potential damage.

Features are displayed on the Natural ground subsidence - Running sands map on **page 28**

Location	Hazard rating	Details
On site	Negligible	Running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.

Location	Hazard rating	Details
32m NE	Very low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Compressible deposits



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☐ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

4.3 Compressible deposits

Records within 50m

1

The potential hazard presented by types of ground that may contain layers of very soft materials like clay or peat and may compress if loaded by overlying structures, or if the groundwater level changes, potentially resulting in depression of the ground and disturbance of foundations.

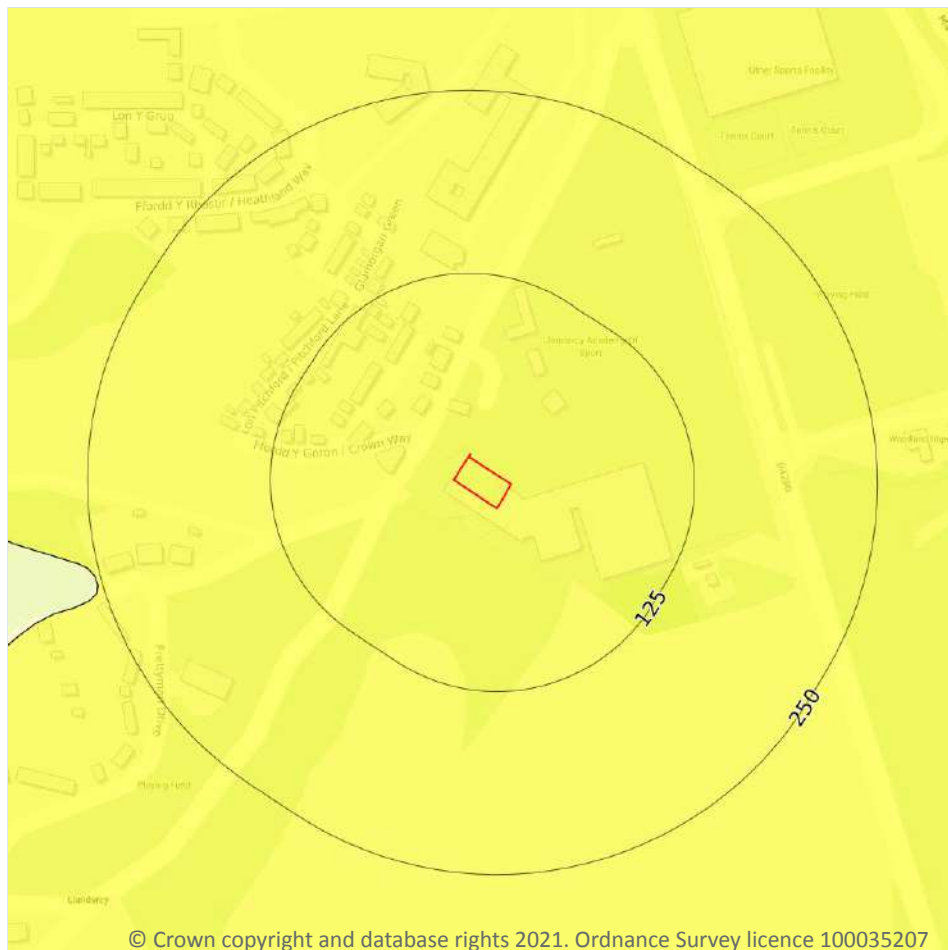
Features are displayed on the Natural ground subsidence - Compressible deposits map on **page 30**

Location	Hazard rating	Details
On site	Negligible	Compressible strata are not thought to occur.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Collapsible deposits



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☒ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

4.4 Collapsible deposits

Records within 50m

1

The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

Features are displayed on the Natural ground subsidence - Collapsible deposits map on **page 31**

Location	Hazard rating	Details
On site	Very low	Deposits with potential to collapse when loaded and saturated are unlikely to be present.

This data is sourced from the British Geological Survey.



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 No data
 Negligible
 Very low
 Low
 Moderate
 High

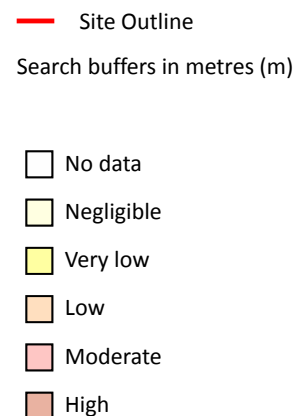
(32)

Location	Hazard rating	Details
36m NE	Low	Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.
40m SE	Low	Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Ground dissolution of soluble rocks



4.6 Ground dissolution of soluble rocks

Records within 50m

1

The potential hazard presented by ground dissolution, which occurs when water passing through soluble rocks produces underground cavities and cave systems. These cavities reduce support to the ground above and can cause localised collapse of the overlying rocks and deposits.

Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on **page 34**

Location	Hazard rating	Details
On site	Negligible	Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.

This data is sourced from the British Geological Survey.



5.2 BritPits

Records within 500m

7

BritPits (an abbreviation of British Pits) is a database maintained by the British Geological Survey of currently active and closed surface and underground mineral workings. Details of major mineral handling sites, such as wharfs and rail depots are also held in the database.

Features are displayed on the Mining, ground workings and natural cavities map on **page 35**

ID	Location	Details	Description
A	4m E	Name: Henbarc Farm Address: Llandarcy, PORT TALBOT, West Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
A	77m E	Name: Gelli-bwch Plantation Address: Llandarcy, PORT TALBOT, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
B	82m SE	Name: Henbarc Farm Address: Llandarcy, PORT TALBOT, West Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
C	164m SW	Name: Henbarc Farm Address: Llandarcy, PORT TALBOT, West Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
D	301m W	Name: Henbarc Cottage Address: Llandarcy, NEATH, West Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority



ID	Location	Details	Description
G	452m NE	Name: Wern Edmond Address: Gorseinon, SWANSEA, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
F	490m NE	Name: Cwrt-y-bettws Colliery Address: Llandarcy, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

This data is sourced from the British Geological Survey.

5.3 Surface ground workings

Records within 250m	34
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Historical land uses identified from Ordnance Survey mapping that involved ground excavation at the surface. These features may or may not have been subsequently backfilled.

Features are displayed on the Mining, ground workings and natural cavities map on **page 35**

ID	Location	Land Use	Year of mapping	Mapping scale
A	On site	Unspecified Pit	1964	1:10560
A	On site	Unspecified Pit	1948	1:10560
A	On site	Unspecified Old Quarries	1938	1:10560
A	On site	Unspecified Old Quarries	1921	1:10560
A	On site	Unspecified Old Drift	1948	1:10560
A	On site	Unspecified Old Drift	1914	1:10560
A	On site	Unspecified Old Quarries	1914	1:10560
A	5m NE	Unspecified Quarry	1897	1:10560
A	5m E	Unspecified Heap	1877	1:10560
A	35m SE	Unspecified Old Drift	1964	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
A	36m SE	Unspecified Old Drift	1914	1:10560
A	36m SE	Unspecified Old Drift	1921	1:10560
A	36m SE	Unspecified Old Drift	1938	1:10560
A	36m SE	Unspecified Old Drift	1938	1:10560
A	45m E	Unspecified Heap	1921	1:10560
A	45m E	Unspecified Heap	1914	1:10560
A	47m E	Unspecified Old Quarries	1938	1:10560
B	72m S	Unspecified Old Quarries	1938	1:10560
B	75m S	Unspecified Old Quarries	1914	1:10560
B	76m S	Unspecified Pit	1948	1:10560
B	76m S	Unspecified Old Quarries	1914	1:10560
B	76m S	Unspecified Old Quarry	1897	1:10560
B	76m S	Unspecified Old Quarries	1921	1:10560
B	76m S	Unspecified Pit	1964	1:10560
B	82m S	Unspecified Pit	1877	1:10560
C	154m SW	Unspecified Ground Workings	1948	1:10560
C	154m SW	Unspecified Old Quarry	1914	1:10560
C	154m SW	Unspecified Old Quarry	1921	1:10560
C	155m SW	Unspecified Quarry	1897	1:10560
C	158m SW	Unspecified Old Quarry	1938	1:10560
C	162m SW	Unspecified Old Quarry	1914	1:10560
D	230m W	Refuse Heap	1877	1:10560
D	248m W	Unspecified Old Quarry	1921	1:10560
D	250m W	Unspecified Old Quarry	1897	1:10560

This is data is sourced from Ordnance Survey/Groundsure.



5.4 Underground workings

Records within 1000m

21

Historical land uses identified from Ordnance Survey mapping that indicate the presence of underground workings e.g. mine shafts.

Features are displayed on the Mining, ground workings and natural cavities map on **page 35**

ID	Location	Land Use	Year of mapping	Mapping scale
A	On site	Unspecified Old Shaft	1948	1:10560
A	On site	Unspecified Old Shaft	1914	1:10560
A	On site	Unspecified Old Shaft	1921	1:10560
A	On site	Unspecified Old Shaft	1964	1:10560
A	35m SE	Unspecified Old Drift	1964	1:10560
A	36m SE	Unspecified Old Drift	1921	1:10560
G	431m NE	Colliery	1921	1:10560
G	431m NE	Colliery	1914	1:10560
F	436m NE	Colliery	1897	1:10560
G	453m NE	Coal Pit	1877	1:10560
H	484m N	Unspecified Old Shaft	1964	1:10560
F	490m NE	Coal Level	1877	1:10560
H	494m N	Coal Pit	1877	1:10560
N	616m NE	Old Coal Pit	1948	1:10560
N	616m NE	Old Coal Pit	1914	1:10560
N	617m NE	Old Coal Pit	1921	1:10560
N	619m NE	Old Coal Pit	1897	1:10560
N	628m NE	Old Coal Pit	1914	1:10560
-	799m W	Old Coal Pit	1948	1:10560
-	799m W	Old Coal Pit	1914	1:10560
-	799m W	Old Coal Pit	1921	1:10560

This is data is sourced from Ordnance Survey/Groundsure.



5.5 Historical Mineral Planning Areas

Records within 500m

0

Boundaries of mineral planning permissions for England and Wales. This data was collated between the 1940s (and retrospectively to the 1930s) and the mid 1980s. The data includes permitted, withdrawn and refused permissions.

This data is sourced from the British Geological Survey.

5.6 Non-coal mining

Records within 1000m

0

The potential for historical non-coal mining to have affected an area. The assessment is drawn from expert knowledge and literature in addition to the digital geological map of Britain. Mineral commodities may be divided into seven general categories - vein minerals, chalk, oil shale, building stone, bedded ores, evaporites and 'other' commodities (including ball clay, jet, black marble, graphite and chert).

This data is sourced from the British Geological Survey.

5.7 Mining cavities

Records within 1000m

0

Industry recognised national database of mining cavities. Degraded mines may result in hazardous subsidence (crown holes). Climatic conditions and water escape can also trigger subsidence over mine entrances and workings.

This data is sourced from Stantec UK Ltd.

5.8 JPB mining areas

Records on site

0

Areas which could be affected by former coal and other mining. This data includes some mine plans unavailable to the Coal Authority.

This data is sourced from Johnson Poole and Bloomer.

5.9 Coal mining

Records on site

1

Areas which could be affected by past, current or future coal mining.



Location	Details
On site	The site is located within a coal mining area as defined by the Coal Authority. A Consultants Coal Mining Report is recommended to further assess coal mining issues at the site. This can be ordered directly through Groundsure or your preferred search provider.

This data is sourced from the Coal Authority.

5.10 Brine areas

Records on site	0
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The Cheshire Brine Compensation District indicates areas that may be affected by salt and brine extraction in Cheshire and where compensation would be available where damage from this mining has occurred. Damage from salt and brine mining can still occur outside this district, but no compensation will be available.

This data is sourced from the Cheshire Brine Subsidence Compensation Board.

5.11 Gypsum areas

Records on site	0
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Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

5.12 Tin mining

Records on site	0
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Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

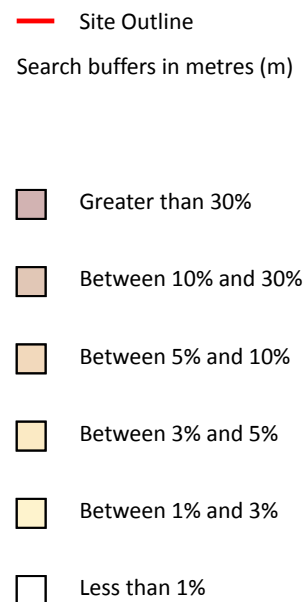
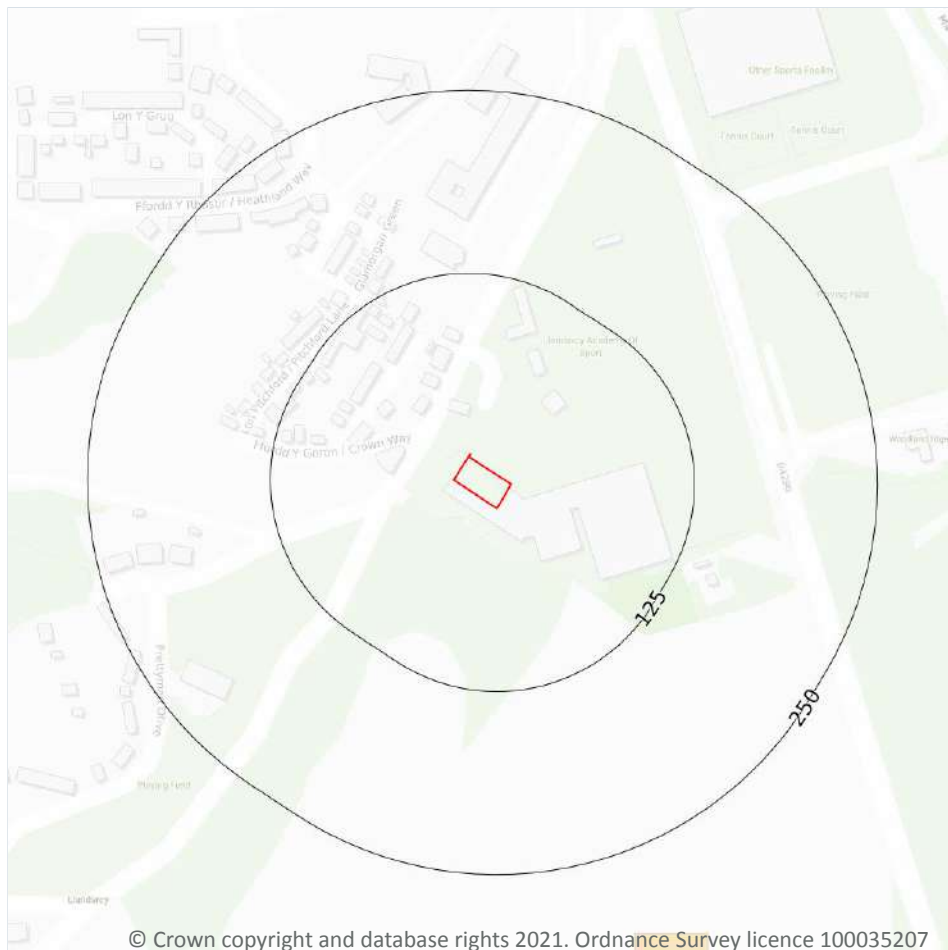
5.13 Clay mining

Records on site	0
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Generalised areas that may be affected by kaolin and ball clay extraction.

This data is sourced from the Kaolin and Ball Clay Association (UK).

6 Radon



6.1 Radon

Records on site

1

Estimated percentage of dwellings exceeding the Radon Action Level. This data is the highest resolution radon dataset available for the UK and is produced to a 75m level of accuracy to allow for geological data accuracy and a 'residential property' buffer. The findings of this section should supersede any estimations derived from the Indicative Atlas of Radon in Great Britain. The data was derived from both geological assessments and long term measurements of radon in more than 479,000 households.

Features are displayed on the Radon map on **page 42**

Location	Estimated properties affected	Radon Protection Measures required
On site	Less than 1%	None**

This data is sourced from the British Geological Survey and Public Health England.



7 Soil chemistry

7.1 BGS Estimated Background Soil Chemistry

Records within 50m

5

The estimated values provide the likely background concentration of the potentially harmful elements Arsenic, Cadmium, Chromium, Lead and Nickel in topsoil. The values are estimated primarily from rural topsoil data collected at a sample density of approximately 1 per 2 km². In areas where rural soil samples are not available, estimation is based on stream sediment data collected from small streams at a sampling density of 1 per 2.5 km²; this is the case for most of Scotland, Wales and southern England. The stream sediment data are converted to soil-equivalent concentrations prior to the estimation.

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	3.0 - 6.0 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
10m NW	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	3.0 - 6.0 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
15m SW	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	2.2 - 3.0 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
16m NE	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	3.0 - 6.0 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
42m SW	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	2.2 - 3.0 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg

This data is sourced from the British Geological Survey.

7.2 BGS Estimated Urban Soil Chemistry

Records within 50m

0

Estimated topsoil chemistry of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc and bioaccessible Arsenic and Lead in 23 urban centres across Great Britain. These estimates are derived from interpolation of the measured urban topsoil data referred to above and provide information across each city between the measured sample locations (4 per km²).

This data is sourced from the British Geological Survey.



7.3 BGS Measured Urban Soil Chemistry

Records within 50m

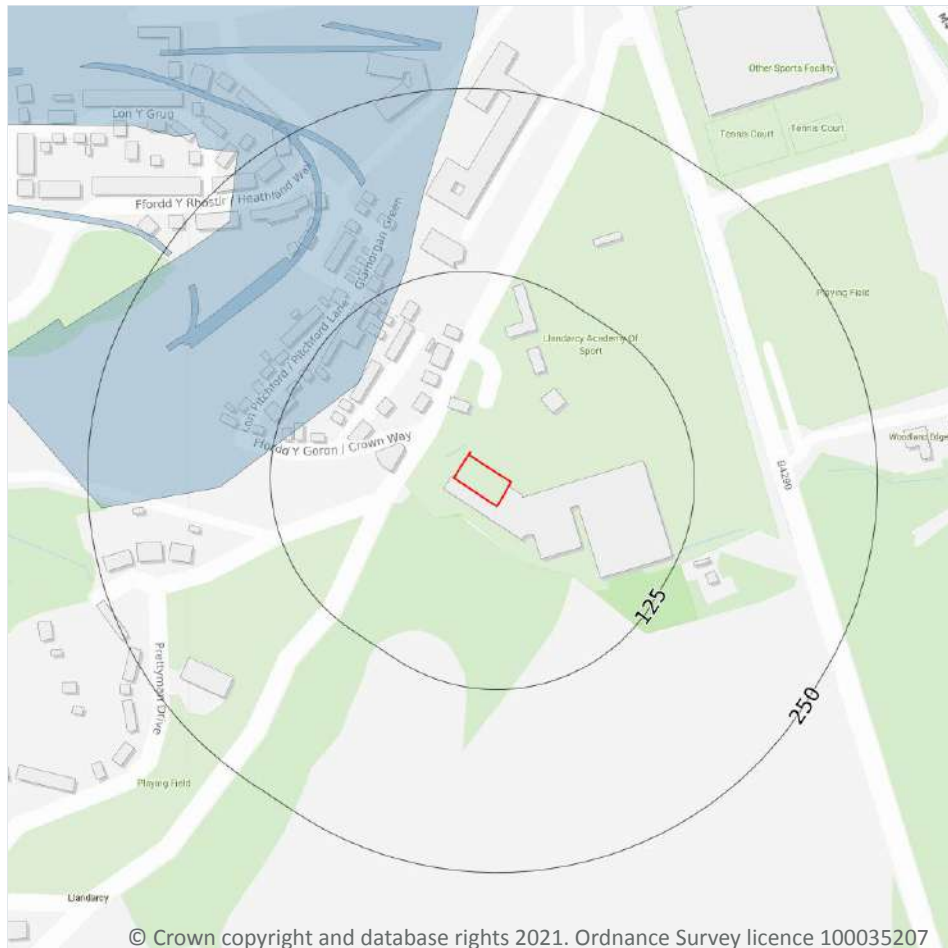
0

The locations and measured total concentrations (mg/kg) of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc in urban topsoil samples from 23 urban centres across Great Britain. These are collected at a sample density of 4 per km².

This data is sourced from the British Geological Survey.



8 Railway infrastructure and projects



- Site Outline
- Search buffers in metres (m)
- C1 Crossrail 1 Stations
- Crossrail 1 Route
- Crossrail 1 Worksites
- C2 Crossrail 2 Stations
- Crossrail 2 Route
- Crossrail 2 Worksites
- Crossrail 2 Safeguarding
- Crossrail 2 Headhouses
- Railway stations
- Active railways
- Active tunnels
- Abandoned railways
- Historic railways
- Historic tunnels
- Underground stations
- Underground Lines
- Royal Mail tunnels
- HS2 optimised route
- HS2 Stations
- HS2 Depots
- HS2 Surface Safeguarding
- HS2 Subsurface Safeguarding

8.1 Underground railways (London)

Records within 250m

0

Details of all active London Underground lines, including approximate tunnel roof depth and operational hours.

This data is sourced from publicly available information by Groundsure.

8.2 Underground railways (Non-London)

Records within 250m

0

Details of the Merseyrail system, the Tyne and Wear Metro and the Glasgow Subway. Not all parts of all systems are located underground. The data contains location information only and does not include a depth assessment.



This data is sourced from publicly available information by Groundsure.

8.3 Railway tunnels

Records within 250m

0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

8.4 Historical railway and tunnel features

Records within 250m

3

Railways and tunnels digitised from historical Ordnance Survey mapping as scales of 1:1,250, 1:2,500, 1:10,000 and 1:10,560.

Features are displayed on the Railway infrastructure and projects map on **page 45**

Location	Land Use	Year of mapping	Mapping scale
90m NW	Railway Sidings	1964	10560
175m NW	Railway Sidings	1965	1250
245m NW	Railway Sidings	1965	1250

This data is sourced from Ordnance Survey/Groundsure.

8.5 Royal Mail tunnels

Records within 250m

0

The Post Office Railway, otherwise known as the Mail Rail, is an underground railway running through Central London from Paddington Head District Sorting Office to Whitechapel Eastern Head Sorting Office. The line is 10.5km long. The data includes details of the full extent of the tunnels, the depth of the tunnel, and the depth to track level.

This data is sourced from Groundsure/the Postal Museum.

8.6 Historical railways

Records within 250m

0

Former railway lines, including dismantled lines, abandoned lines, disused lines, historic railways and razed lines.

This data is sourced from OpenStreetMap.



8.7 Railways

Records within 250m

0

Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways.

This data is sourced from Ordnance Survey and OpenStreetMap.

8.8 Crossrail 1

Records within 500m

0

The Crossrail railway project links 41 stations over 100 kilometres from Reading and Heathrow in the west, through underground sections in central London, to Shenfield and Abbey Wood in the east.

This data is sourced from publicly available information by Groundsure.

8.9 Crossrail 2

Records within 500m

0

Crossrail 2 is a proposed railway linking the national rail networks in Surrey and Hertfordshire via an underground tunnel through London.

This data is sourced from publicly available information by Groundsure.

8.10 HS2

Records within 500m

0

HS2 is a proposed high speed rail network running from London to Manchester and Leeds via Birmingham. Main civils construction on Phase 1 (London to Birmingham) of the project began in 2019, and it is currently anticipated that this phase will be fully operational by 2026. Construction on Phase 2a (Birmingham to Crewe) is anticipated to commence in 2021, with the service fully operational by 2027. Construction on Phase 2b (Crewe to Manchester and Birmingham to Leeds) is scheduled to begin in 2023 and be operational by 2033.

This data is sourced from HS2 Ltd.

Data providers

Groundsure works with respected data providers to bring you the most relevant and accurate information. To find out who they are and their areas of expertise see <https://www.groundsure.com/sources-reference>.

Terms and conditions

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