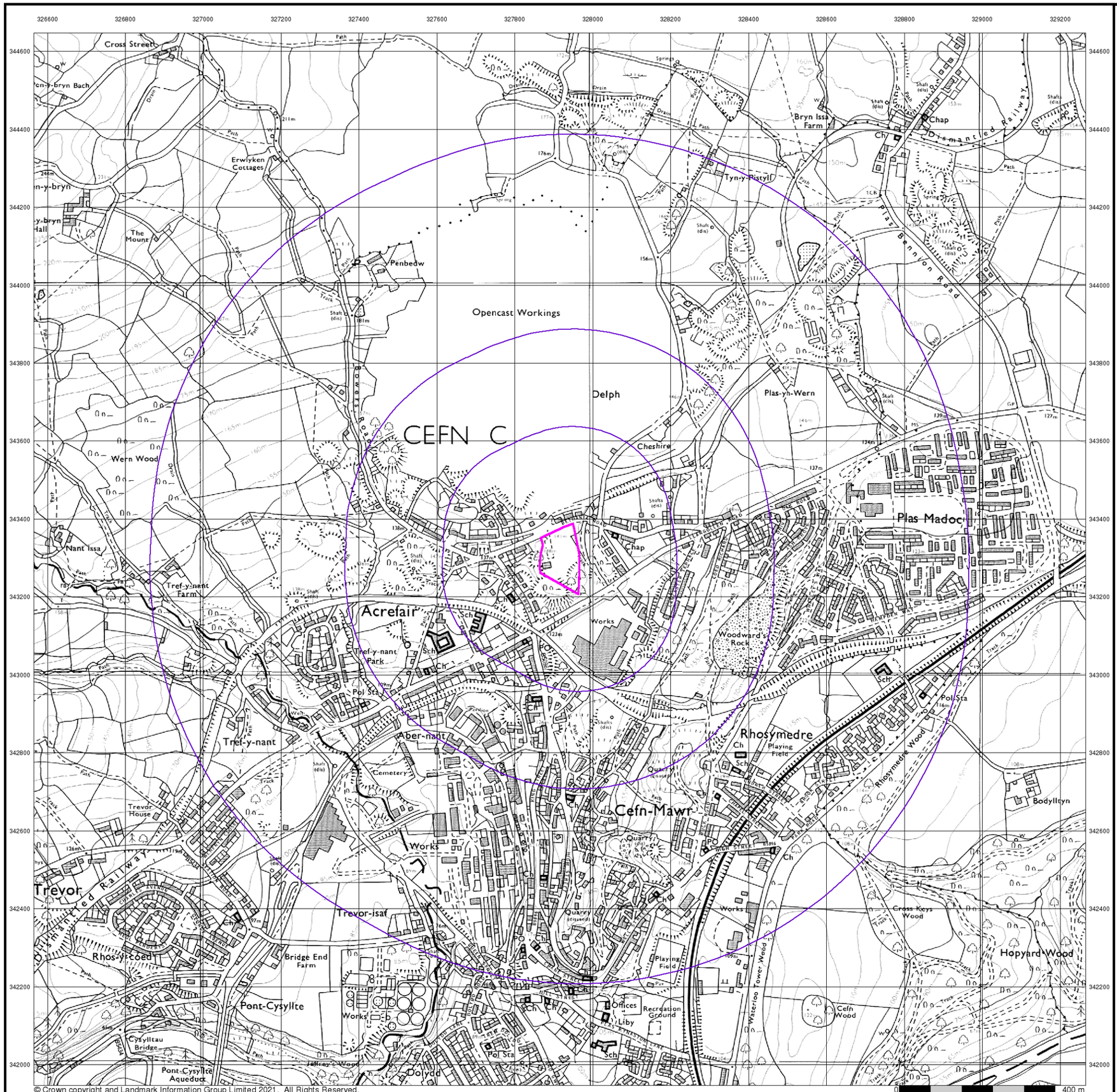


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Ordnance Survey Plan

Published 1977

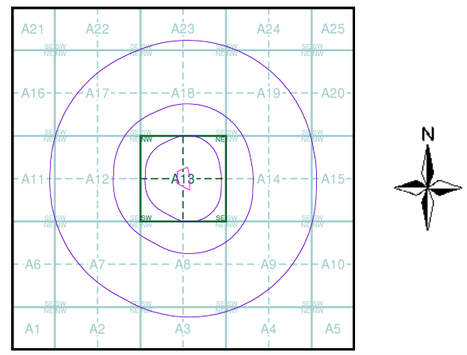
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SJ24SE
1977
1:10,000

Historical Map - Slice A



Order Details

Order Number:	280320239_1_1
Customer Ref:	46202
National Grid Reference:	327920, 343300
Slice:	A
Site Area (Ha):	1.31
Search Buffer (m):	1000

Site Details

Site at 327910, 343310

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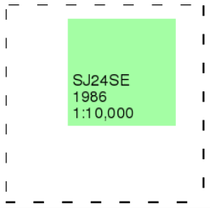
Ordnance Survey Plan

Published 1986

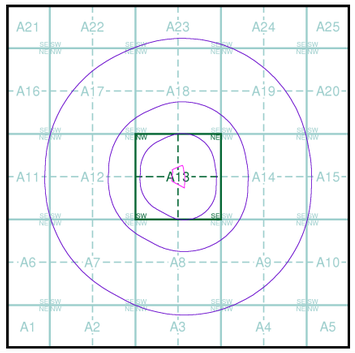
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps.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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

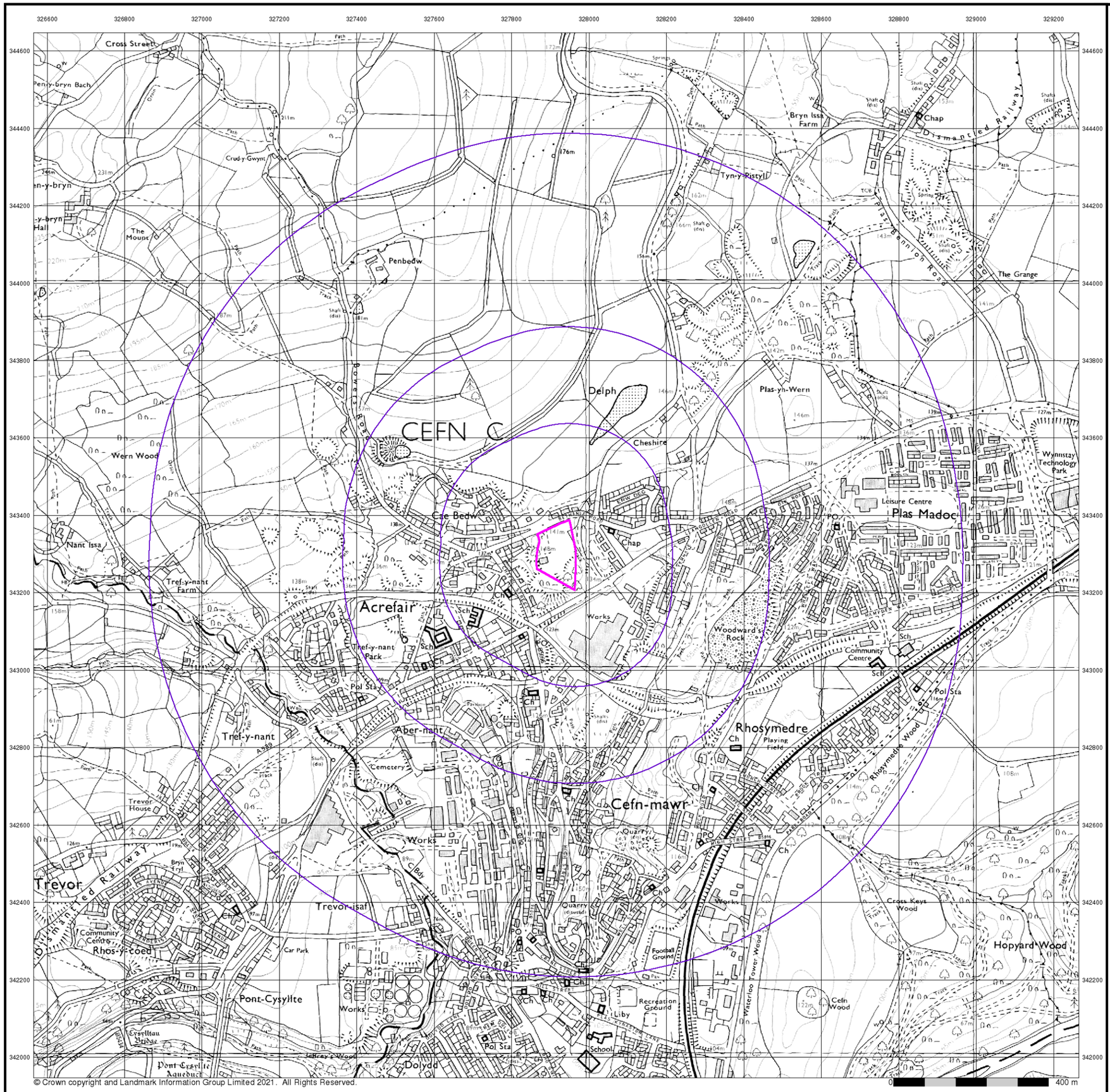
Order Number:	280320239_1_1
Customer Ref:	46202
National Grid Reference:	327920, 343300
Slice:	A
Site Area (Ha):	1.31
Search Buffer (m):	1000

Site Details

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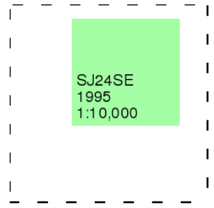
Ordnance Survey Plan

Published 1995

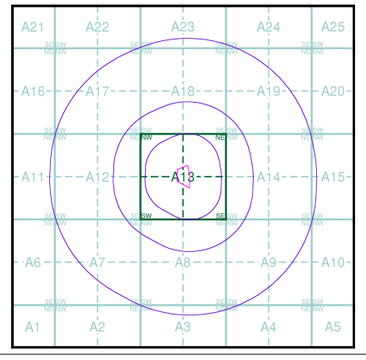
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number:	280320239_1_1
Customer Ref:	46202
National Grid Reference:	327920, 343300
Slice:	A
Site Area (Ha):	1.31
Search Buffer (m):	1000

Site Details

Site at 327910, 343310

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10k Raster Mapping

Published 2000

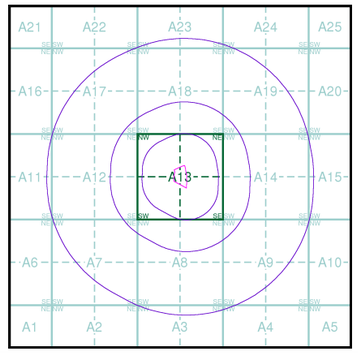
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SJ24SE
2000
1:10,000

Historical Map - Slice A



Order Details

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National Grid Reference:	327920, 343300
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Search Buffer (m):	1000

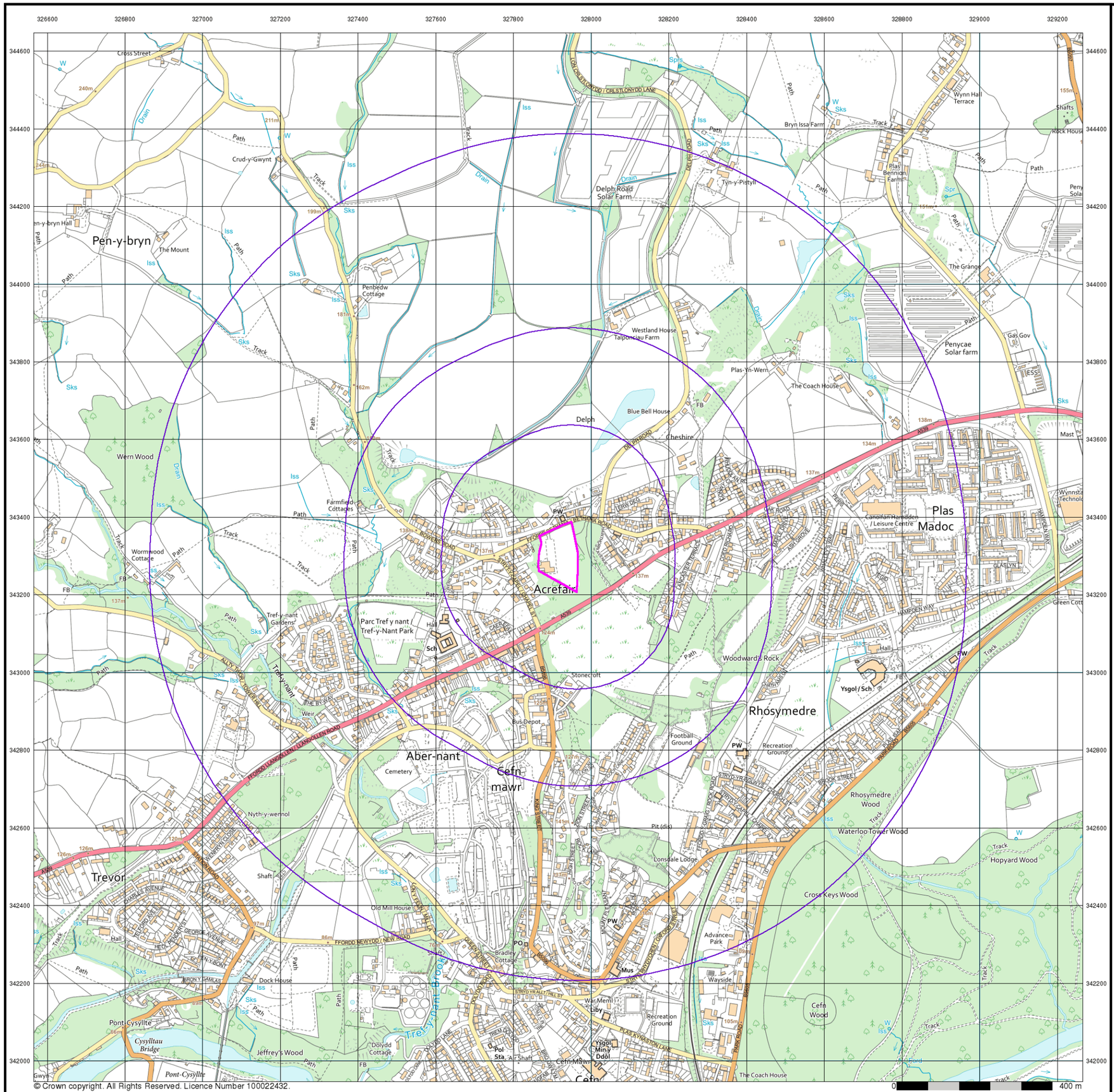
Site Details

Site at 327910, 343310

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326600
326800
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344400
344200
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343800
343600
343400
343200
343000
342800
342600
342400
342200
342000
Cross Street
Pen-y-bryn
Pen-y-bryn Hall
The Mount
Crud-y-Gwynt
Penbedw
Shaft (dis)
181m
Cul
Plas Issa Farm
Bryn Issa Farm
Tyn-y-Pistyll
Works (disused)
Wynnhall Terrace
Shafts (dis)
Dismtd Rly
The Grange
GVC
El Sub Sta
CEFN C
Delph
Blue Bell House
Cheshire
The Bungalow
The Coach House
Plas-y-Wern
MS
138m
134m
137m
Wynnstay Technology Park
Leisure Centre
Plas Madoc
Cae Bedw
Wern Wood
Nant Issa
Tref-y-nant Farm
Acrefair
Tref-y-nant Park
Ysgol
Works
Woodward's Rock
Factory Cottage
Aber-nant
Cae-Glo
Rhosymedre
Playing Field
Vic
Depot
Plas Isaf
Rhosymedre Wood
Cemetery
Tref-y-nant
RAL C
Trevor
126m
Trevor-isaf
Quarry (disused)
Advance Park
Football Ground
Cefn-mawr
Hopyard Wood
Cross Keys Wood
Waterloo Tower Wood
Cefn Wood
Dismantled Railway
Community Centre
Rhos-y-coed
Car Park
Pont-Cysyllte
Cysyllte Bridge
Jeffrey's Wood
Pont-Cysyllte Aqueduct
Spout
Weir
Liby
Recn Gd
Pol Sta
PO
PH
GP
Works
Quarry (disused)
Shafts (dis)
Drain
Path
Track
Issues
Sinks
Spr
Pav
Paths
Iss
Tk
Ho
Ct
Sch
Ind Est
Sub Sta
Recn Gd
Pol Sta
Liby
Cem
Ch
Mon
Pond
Stream
Brook
Quarry
Pit
Tunnel
Aqueduct
Bridge
Ford
Weir
Spout
Shaft (dis)
Shafts (dis)
Works
Quarry (disused)
Quarry (dis)
Pond
Stream
Brook



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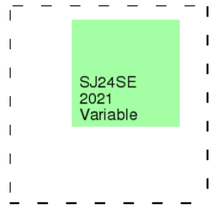
VectorMap Local

Published 2021

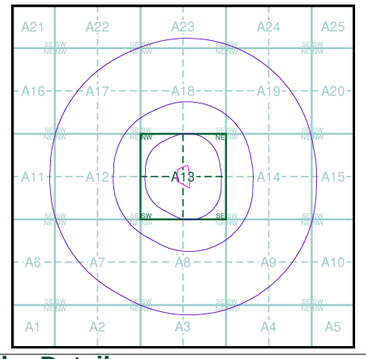
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number:	280320239_1_1
Customer Ref:	46202
National Grid Reference:	327920, 343300
Slice:	A
Site Area (Ha):	1.31
Search Buffer (m):	1000

Site Details

Site at 327910, 343310

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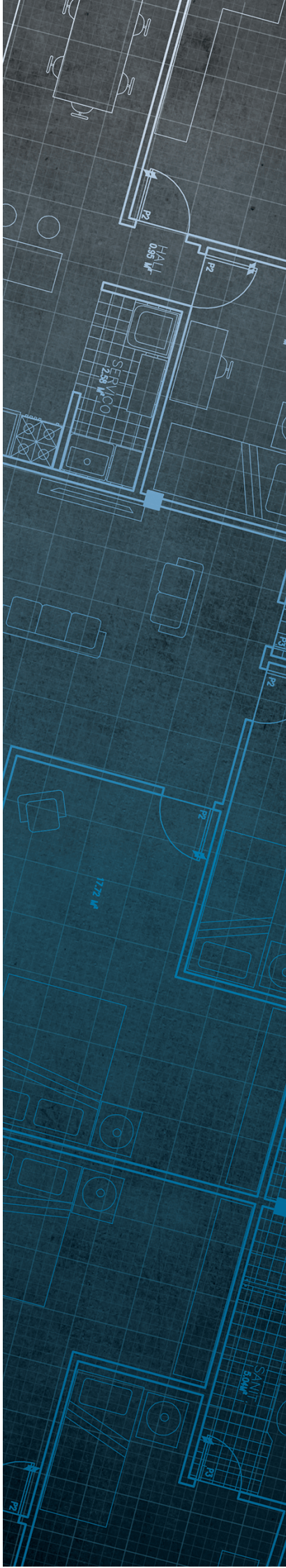
The Coal Authority

Consultants

Coal Mining Report

Bethania Road
Acrefair
Wrexham
LL14 3TY

Date of enquiry:	**14 June 2021**
Date enquiry received:	**14 June 2021**
Issue date:	**14 June 2021**
Our reference:	**51002555631001**
Your reference:	**46202**



Consultants

Coal Mining Report

This report is based on and limited to the records held by the Coal Authority at the time the report was produced.

Client name

EASTWOOD & PARTNERS (CONSULTING ENGINEERS) LTD

Enquiry address

Bethania Road
Acrefair
Wrexham
LL14 3TY



Approximate position of property

Map data

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How to contact us

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+44 (0)1623 637 000 (International)

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Mansfield
Nottinghamshire
NG18 4RG

www.groundstability.com

@coalauthority
/company/the-coal-authority
/thecoalauthority
/thecoalauthority

Section 1 – Mining activity and geology

Past underground mining

Colliery	Seam	Mineral	Coal Authority reference	Depth (m)	Direction to working	Dipping rate of seam worked (degrees)	Dipped direction of seam worked	Extraction thickness (cm)	Year last mined
ACREFAIR/RUABON	FIRECAMP	Coal	A0PD	44	Beneath Property	8.1	South-East	200	1880
ACREFAIR/RUABON	FIRECAMP	Coal	A0PE	46	Beneath Property	8.1	South-East	200	1880
unnamed	STONE	Coal	38VI	55	West	8.1	South-East	60	1912
unnamed	STONE	Coal	38VM	60	North	8.1	South-East	60	1912
unnamed	RUABON YARD (SOFT 5 QTRS)	Coal	7H2M	70	South-West	9.0	East	110	1862
unnamed	WALL AND BENCH	Coal	380O	90	North	7.0	South-East	110	1868

Probable unrecorded shallow workings

None.

Spine roadways at shallow depth

No spine roadway recorded at shallow depth.

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Mine entries

Entry type	Reference	Grid reference	Treatment description	Mineral	Conveyancing details
Shaft	327343-114	327828 343406		Coal	
Shaft	327343-115	327878 343396		Coal	
Shaft	327343-116	327890 343438		Coal	
Shaft	327343-117	327986 343451		Coal	
Shaft	327343-198	327787 343281		Coal	
Shaft	327343-199	327951 343297		Coal	
Shaft	327343-200	327864 343177		Coal	
Shaft	327343-300	327806 343392		Coal	
Shaft	327343-360	327958 343444		Coal	
Shaft	327343-383	327833 343221		Coal	
Shaft	327343-385	327907 343184		Coal	
Shaft	327343-386	327890 343162	Exposed by Wrexham R.D.C when building public W.C^s in October 1971. The excavation revealed a depression filled with rubbish but no sign of shaft lining. The area was immediately fenced off but we have no record of any subsequent treatment.	Coal	
Shaft	327343-403	327813 343204		Coal	
Shaft	327343-405	327948 343122	Shaft searched for by NKC Geotech Ltd on behalf of Prospect Estates under Permit 10211, March 2015. Searching was be means of probe drilling at 1.8m centres extending to a radius of 18m from the CA recorded position Shaft not found, presumed to be off site under the road cutting to the north-west or an underground staple pit.	Coal	
Shaft	327343-526	327944 343371		Coal	
Shaft	327343-527	327866 343328		Coal	
Shaft	327343-532	327909 343224		Coal	
Shaft	327343-533	327881 343297		Coal	
Shaft	328343-118	328013 343407		Coal	
Shaft	328343-343	328017 343459		Coal	

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Entry type	Reference	Grid reference	Treatment description	Mineral	Conveyancing details
Shaft	328343-344	328056 343324	This entry was originally filled by the NCB. Following settlement of the fill material in October 2000 the shaft was drilled to full depth then grouted (102 tonnes). Later a 7m x 7m reinforced concrete cap was fitted at 1.5m b.g.l by Wardell Armstrong (on behalf of the Coal Authority) in March 2001.	Coal	
Shaft	328343-384	328012 343232		Coal	

Abandoned mine plan catalogue numbers

The following abandoned mine plan catalogue numbers intersect with some, or all, of the enquiry boundary:

2334	5916	14884
NW1411	NW1503	16713
17956	0	NW1423

Our records show we have more plans than those shown above which could affect the enquiry boundary.

Please contact us on 0345 762 6848 to determine the exact abandoned mine plans you require based on your needs.

Outcrops

Seam name	Mineral	Seam workable	Distance to outcrop (m)	Direction to outcrop	Bearing of outcrop
BRASSEY	Coal	Yes	Within	N/A	13

Geological faults, fissures and breaklines

No faults, fissures or breaklines recorded.

Opencast mines

Please refer to the “Summary of findings” map (on separate sheet) for details of any opencast areas within 500 metres of the enquiry boundary.

Coal Authority managed tips

None recorded within 500 metres of the enquiry boundary.

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Section 2 – Investigative or remedial activity

Please refer to the 'Summary of findings' map (on separate sheet) for details of any activity within the area of the site boundary.

Site investigations
None recorded within 50 metres of the enquiry boundary.

Remediated sites
None recorded within 50 metres of the enquiry boundary.

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

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

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

Mine gas
None recorded within 500 metres of the enquiry boundary.

Mine water treatment schemes
None recorded within 500 metres of the enquiry boundary.

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Section 3 – Licensing and future mining activity

Future underground mining
None recorded.

Coal mining licensing
None recorded within 200 metres of the enquiry boundary.

Court orders
None recorded.

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

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

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

Payments to owners of former copyhold land
The property is not in an area where a relevant notice has been published under the Coal Industry Act 1975/Coal Industry Act 1994.

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Section 4 – Further information

The following potential risks have been identified and as part of your risk assessment should be investigated further.

Development advice

The site is within an area of historical coal mining activity. Should you require advice and/or support on understanding the mining legacy, its risks to your development or what next steps you need to take, please contact us.

For further information on specific site or ground investigations in relation to any issues raised in Section 4, please call us on 0345 762 6848 or email us at groundstability@coal.gov.uk.

Section 5 – Data definitions

The datasets used in this report have limitations and assumptions within their results. For more guidance on the data and the results specific to the enquiry boundary, please **call us on 0345 762 6848** or **email us at groundstability@coal.gov.uk.**

Past underground coal mining

Details of all recorded underground mining relative to the enquiry boundary. Only past underground workings where the enquiry boundary is within 0.7 times the depth of the workings (zone of likely physical influence) allowing for seam inclination, will be included.

Probable unrecorded shallow workings

Areas where the Coal Authority believes there to be unrecorded coal workings that exist at or close to the surface (less than 30 metres deep).

Spine roadways at shallow depth

Connecting roadways either, working to working, or, surface to working, both in-seam and cross measures that exist at or close to the surface (less than 30 metres deep), either within or within 10 metres of the enquiry boundary.

Mine entries

Details of any shaft or adit either within, or within 100 metres of the enquiry boundary including approximate location, brief treatment details where known, the mineral worked from the mine entry and conveyance details where the mine entry has previously been sold by the Authority or its predecessors British Coal or the National Coal Board.

Abandoned mine plan catalogue numbers

Plan numbers extracted from the abandoned mines catalogue containing details of coal and other mineral abandonment plans deposited via the Mines Inspectorate in accordance with the Coal Mines Regulation Act and Metalliferous Mines Regulation Act 1872. A maximum of 9 plan extents that intersect with the enquiry boundary will be included. This does not infer that the workings and/or mine entries shown on the abandonment plan will be relevant to the site/property boundary.

Outcrops

Details of seam outcrops will be included where the enquiry boundary intersects with a conjectured or actual seam outcrop location (derived by either the British Geological Survey or the Coal Authority) or intersects with a defined 50 metres buffer on the coal (dip) side of the outcrop. An indication of whether the Coal Authority believes the seam to be of sufficient thickness and/or quality to have been worked will also be included.

Geological faults, fissures and breaklines

Geological disturbances or fractures in the bedrock. Surface fault lines (British Geological Survey derived data) and fissures and breaklines (Coal Authority derived data) intersecting with the enquiry boundary will be included. In some circumstances faults, fissures or breaklines have been known to contribute to surface subsidence damage as a consequence of underground coal mining.

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Opencast mines
Opencast coal sites from which coal has been removed in the past by opencast (surface) methods and where the enquiry boundary is within 500 metres of either the licence area, site boundary, excavation area (high wall) or coaling area.

Coal Authority managed tips
Locations of disused colliery tip sites owned and managed by the Coal Authority, located within 500 metres of the enquiry boundary.

Site investigations
Details of site investigations within 50 metres of the enquiry boundary where the Coal Authority has received information relating to coal mining risk investigation and/or remediation by third parties.

Remediated sites
Sites where the Coal Authority has undertaken remedial works either within or within 50 metres of the enquiry boundary following report of a hazard relating to coal mining under the Coal Authority's Emergency Surface Hazard Call Out procedures.

Coal mining subsidence
Details of alleged coal mining subsidence claims made since 31 October 1994 either within or within 50 metres of the enquiry boundary. Where the claim relates to the enquiry boundary confirmation of whether the claim was accepted, rejected or whether liability is still being determined will be given. Where the claim has been discharged, whether this was by repair, payment of compensation or a combination of both, the value of the claim, where known, will also be given.

Details of any current 'Stop Notice' deferring remedial works or repairs affecting the property/site, and if so the date of the notice.

Details of any request made to execute preventative works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991. If yes, whether any person withheld consent or failed to comply with any request to execute preventative works.

Mine gas
Reports of alleged mine gas emissions received by the Coal Authority, either within or within 500 metres of the enquiry boundary that subsequently required investigation and action by the Coal Authority to mitigate the effects of the mine gas emission.

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Mine water treatment schemes
Locations where the Coal Authority has constructed or operates assets that remove pollutants from mine water prior to the treated mine water being discharged into the receiving water body.

These schemes are part of the UK's strategy to meet the requirements of the Water Framework Directive. Schemes fall into 2 basic categories: Remedial – mitigating the impact of existing pollution or Preventative – preventing a future pollution incident.

Mine water treatment schemes generally consist of one or more primary settlement lagoons and one or more reed beds for secondary treatment. A small number are more specialised process treatment plants.

Future underground mining
Details of all planned underground mining relative to the enquiry boundary. Only those future workings where the enquiry boundary is within 0.7 times the depth of the workings (zone of likely physical influence) allowing for seam inclination will be included.

Coal mining licensing
Details of all licenses issued by the Coal Authority either within or within 200 metres of the enquiry boundary in relation to the under taking of surface coal mining, underground coal mining or underground coal gasification.

Court orders
Orders in respect of the working of coal under the Mines (Working Facilities and Support) Acts of 1923 and 1966 or any statutory modification or amendment thereof.

Section 46 notices
Notice of proposals relating to underground coal mining operations that have been given under section 46 of the Coal Mining Subsidence Act 1991.

Withdrawal of support notices
Published notices of entitlement to withdraw support and the date of the notice. Details of any revocation notice withdrawing the entitlement to withdraw support given under Section 41 of the Coal Industry Act 1994.

Payment to owners of former copyhold land
Relevant notices which may affect the property and any subsequent notice of retained interests in coal and coal mines, acceptance or rejection notices and whether any compensation has been paid to a claimant.

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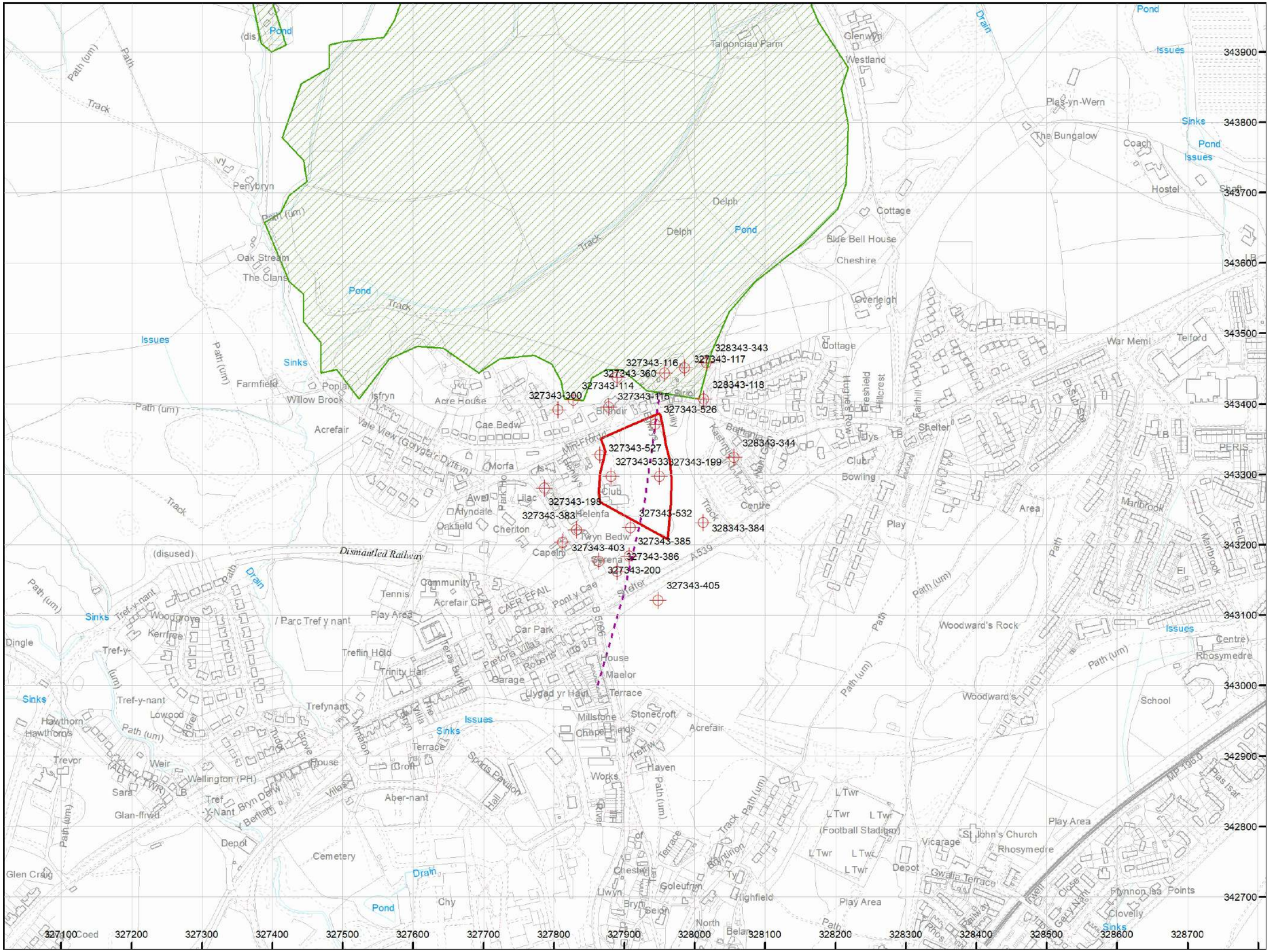
Summary of findings

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Map data

The map highlights any specific surface or subsurface features within or near to the boundary of the site.

Key

- Approximate position of the enquiry boundary shown
- Disused mine shaft
- Outcrop (Conjectured)
- Unlicensed opencast site


327343-116
327343-117
328343-343
327343-360
327343-114
328343-118
327343-300
327343-115
327343-526
327343-527
327343-533
327343-199
327343-195
327343-383
327343-532
328343-384
327343-403
327343-385
327343-386
327343-200
327343-405
Pond
Issues
Sinks
Drain
Track
Path (um)
Dismantled Railway
Taiponciau Farm
Glenwyn
Westland
Plas-yn-Wern
The Bungalow
Coach
Hostel
Penybryn
Oak Stream
The Clans
Delph
Cottage
Blue Bell House
Cheshire
Overleigh
Farmfield
Willow Brook
Isfryn
Acre House
Acrefair
Cae Bedw
Morfa
Awel
Lilac
Alyndale
Oakfield
Cheriton
Helenfa
Twyn Bedw
Capeln
Serena
Community
Tennis
Acrefair CP
Play Area
Car Park
Trefin Hold
Trinity Hall
Garage
Maelor
Terrace
Millstone
Stonecroft
Chapel Fields
Works
Haven
Trefynant
Tref-y-nant
Woodgrove
Kerr Tree
Dingle
Hawthorn
Lowood
Trevor
Weir
Wellington (PH)
Sara
Glan-ffrwd
Tref-Y-Nant
Bryn Derw
Y Berllan
Aber-nant
Depot
Cemetery
Glen Craig
Chy
Coed
Woodward's Rock
Woodward's
School
Rhosymedre
Vicarage
St John's Church
Play Area
Football Stadium
Depot
Gwalia Terrace
Highfield
Goleufryn
Chester Terrace
Ty'n Llwyn
Bryn Seion
Ffynnon Isa Points
Clovelly
Cloverly
Shelter
Bowling Club
Play Area
Marlbrook
Hillcrest
Fairhill
Bethania
Kastmyl
Min-Ffordd
Vale View (Golygfa'r Dyffryn)
Park Villas
Pretoria Villas
Roberts Villa
Tegfan
Pont y Cae
Caer Efail
Teras Burton
Tudor Grove
Mynydd
Sports Pavilion
Hall
Croft
Villas
Ty'n Llwyn
Bryn Derw
Ty'n Llwyn
Ty'n Llwyn
Ty'n Llwyn