01/20/04
1001
11/11/04

Builders Yard, Elwyn Drive, Merthyr Tydfil, CF47 0NU





Brecknockshire
Published 1905

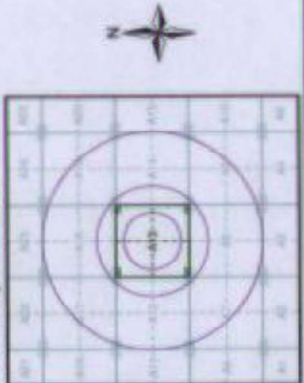
Source map scale - 1:10,560

The historical maps shown were reproduced from maps previously held at the scale adopted for England, Wales and Scotland in the 1800's. In 1804 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 adjoining 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 undistorted - with all military camps and other strategic sites removed. These maps were initially overlaid with the National Grid. In 1970, the first re-orientation process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

SEIWN
1905
1:10,560

Historical Map - Slice A



Order Details

Order Number: 70006697 - 1.1
Customer Ref: 13319
National Grid Reference: 305560, 209960
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 1000

Site Details

Buildings Yard, Elwyn Drive, Merthyr Tydfil, CF47 0NU



Tel: 01495 644 002
Fax: 01495 644 002
www.landmark.co.uk



Published 1922

Source map sca

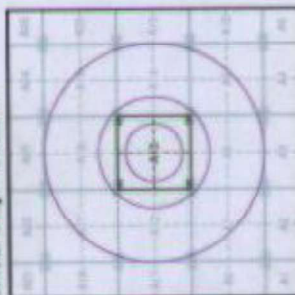
The historical maps shown were re-

The historical maps shown here increased from maps periodically laid out for the maps acquired by England, France and the Netherlands. These maps were issued in 1666, 1673, 1680, 1687, 1694, 1701, 1708, 1715, 1722, 1729, 1736, 1743, 1750, 1757, 1764, 1771, 1778, 1785, 1792, 1799, 1806, 1813, 1820, 1827, 1834, 1841, 1848, 1855, 1862, 1869, 1876, 1883, 1890, 1897, 1904, 1911, 1918, 1925, 1932, 1939, 1946, 1953, 1960, 1967, 1974, 1981, 1988, 1995, 2002, 2009, 2016, 2023, 2030, 2037, 2044, 2051, 2058, 2065, 2072, 2079, 2086, 2093, 2100, 2107, 2114, 2121, 2128, 2135, 2142, 2149, 2156, 2163, 2170, 2177, 2184, 2191, 2198, 2205, 2212, 2219, 2226, 2233, 2240, 2247, 2254, 2261, 2268, 2275, 2282, 2289, 2296, 2303, 2310, 2317, 2324, 2331, 2338, 2345, 2352, 2359, 2366, 2373, 2380, 2387, 2394, 2401, 2408, 2415, 2422, 2429, 2436, 2443, 2450, 2457, 2464, 2471, 2478, 2485, 2492, 2499, 2506, 2513, 2520, 2527, 2534, 2541, 2548, 2555, 2562, 2569, 2576, 2583, 2590, 2597, 2604, 2611, 2618, 2625, 2632, 2639, 2646, 2653, 2660, 2667, 2674, 2681, 2688, 2695, 2702, 2709, 2716, 2723, 2730, 2737, 2744, 2751, 2758, 2765, 2772, 2779, 2786, 2793, 2800, 2807, 2814, 2821, 2828, 2835, 2842, 2849, 2856, 2863, 2870, 2877, 2884, 2891, 2898, 2905, 2912, 2919, 2926, 2933, 2940, 2947, 2954, 2961, 2968, 2975, 2982, 2989, 2996, 3003, 3010, 3017, 3024, 3031, 3038, 3045, 3052, 3059, 3066, 3073, 3080, 3087, 3094, 3101, 3108, 3115, 3122, 3129, 3136, 3143, 3150, 3157, 3164, 3171, 3178, 3185, 3192, 3199, 3206, 3213, 3220, 3227, 3234, 3241, 3248, 3255, 3262, 3269, 3276, 3283, 3290, 3297, 3304, 3311, 3318, 3325, 3332, 3339, 3346, 3353, 3360, 3367, 3374, 3381, 3388, 3395, 3402, 3409, 3416, 3423, 3430, 3437, 3444, 3451, 3458, 3465, 3472, 3479, 3486, 3493, 3500, 3507, 3514, 3521, 3528, 3535, 3542, 3549, 3556, 3563, 3570, 3577, 3584, 3591, 3598, 3605, 3612, 3619, 3626, 3633, 3640, 3647, 3654, 3661, 3668, 3675, 3682, 3689, 3696, 3703, 3710, 3717, 3724, 3731, 3738, 3745, 3752, 3759, 3766, 3773, 3780, 3787, 3794, 3801, 3808, 3815, 3822, 3829, 3836, 3843, 3850, 3857, 3864, 3871, 3878, 3885, 3892, 3899, 3906, 3913, 3920, 3927, 3934, 3941, 3948, 3955, 3962, 3969, 3976, 3983, 3990, 3997, 4004, 4011, 4018, 4025, 4032, 4039, 4046, 4053, 4060, 4067, 4074, 4081, 4088, 4095, 4102, 4109, 4116, 4123, 4130, 4137, 4144, 4151, 4158, 4165, 4172, 4179, 4186, 4193, 4200, 4207, 4214, 4221, 4228, 4235, 4242, 4249, 4256, 4263, 4270, 4277, 4284, 4291, 4298, 4305, 4312, 4319, 4326, 4333, 4340, 4347, 4354, 4361, 4368, 4375, 4382, 4389, 4396, 4403, 4410, 4417, 4424, 4431, 4438, 4445, 4452, 4459, 4466, 4473, 4480, 4487, 4494, 4501, 4508, 4515, 4522, 4529, 4536, 4543, 4550, 4557, 4564, 4571, 4578, 4585, 4592, 4599, 4606, 4613, 4620, 4627, 4634, 4641, 4648, 4655, 4662, 4669, 4676, 4683, 4690, 4697, 4704, 4711, 4718, 4725, 4732, 4739, 4746, 4753, 4760, 4767, 4774, 4781, 4788, 4795, 4802, 4809, 4816, 4823, 4830, 4837, 4844, 4851, 4858, 4865, 4872, 4879, 4886, 4893, 4900, 4907, 4914, 4921, 4928, 4935, 4942, 4949, 4956, 4963, 4970, 4977, 4984, 4991, 4998, 5005, 5012, 5019, 5026, 5033, 5040, 5047, 5054, 5061, 5068, 5075, 5082, 5089, 5096, 5103, 5110, 5117, 5124, 5131, 5138, 5145, 5152, 5159, 5166, 5173, 5180, 5187, 5194, 5201, 5208, 5215, 5222, 5229, 5236, 5243, 5250, 5257, 5264, 5271, 5278, 5285, 5292, 5299, 5306, 5313, 5320, 5327, 5334, 5341, 5348, 5355, 5362, 5369, 5376, 5383, 5390, 5397, 5404, 5411, 5418, 5425, 5432, 5439, 5446, 5453, 5460, 5467, 5474, 5481, 5488, 5495, 5502, 5509, 5516, 5523, 5530, 5537, 5544, 5551, 5558, 5565, 5572, 5579, 5586, 5593, 5600, 5607, 5614, 5621, 5628, 5635, 5642, 5649, 5656, 5663, 5670, 5677, 5684, 5691, 5698, 5705, 5712, 5719, 5726, 5733, 5740, 5747, 5754, 5761, 5768, 5775, 5782, 5789, 5796, 5803, 5810, 5817, 5824, 5831, 5838, 5845, 5852, 5859, 5866, 5873, 5880, 5887, 5894, 5901, 5908, 5915, 5922, 5929, 5936, 5943, 5950, 5957, 5964, 5971, 5978, 5985, 5992, 5999, 6006, 6013, 6020, 6027, 6034, 6041, 6048, 6055, 6062, 6069, 6076, 6083, 6090, 6097, 6104, 6111, 6118, 6125, 6132, 6139, 6146, 6153, 6160, 6167, 6174, 6181, 6188, 6195, 6202, 6209, 6216, 6223, 6230, 6237, 6244, 6251, 6258, 6265, 6272, 6279, 6286, 6293, 6300, 6307, 6314, 6321, 6328, 6335, 6342, 6349, 6356, 6363, 6370, 6377, 6384, 6391, 6398, 6405

Map Name(s) and Date(s)



Historical Map - Silco A



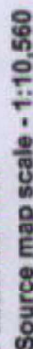
Order Details

Order Details:
Order Number: 70905697_1_1
Customer Ref: 13319
National Grid Reference: 305640, 205960
A
Size: 0.06
Site Area (Ha): 1000
Search Buffer (m):

Site Details

Only persons
Bulbena Yard, Elwyn Drive, Marthys Tydfil, CF47 0NU

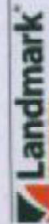
Table	Table 1. (continued)
Table	Table 2. (continued)
Table	Table 3. (continued)
Table	Table 4. (continued)

[illegible]

0000-0000-0000-0000
0000-0000-0000-0000
0000-0000-0000-0000

Order Number: 70905697 - 1.1
Customer Ref: 13319
National Grid Reference: 305550, 205960
A
Slice: 0.05
Site Area (Ha): 1000
Search Buffer (m):

Five Bedrooms
Builders Yard, Elwyn Drive, Merthyr Tydfil, CF47 0NJ





Historical Aerial Photography

Published 1945

Source map scale - 1:10,560

The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,000 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending completion of conventional mapping, due to post-war resource shortages. New aerial measures in the 1950s meant that early photography was checked for potentially unreliable information with subsequent updates by the Ordnance Survey. The original edition was produced by the Ordnance Survey after a period of delay, which was due to the accuracy of the original photography. The original edition was not easy to spot the errors. Where available, Ordnance Survey have included both versions.

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Map Name(s) and Date(s)



Historical Aerial Photography - Slice A



Order Details

Order Number: 70905697_1
Customer Ref: 13319
National Grid Reference: 305550, 200960
Slice: A
Site Area (Ha): 0.08
Search Buffer (m): 1000

Site Details

Builders Yard, Elwyn Drive, Merthyr Tydfil, CF47 0NU



Tel: 0844 344 0002
Fax: 0844 344 0001
www.landmark.co.uk



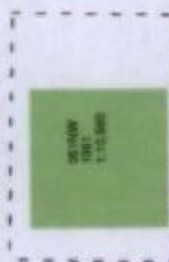
Brecknockshire

Published 1951

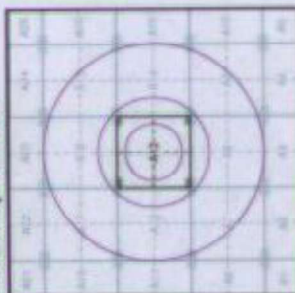
Source map scale - 1:10,560

The historical maps shown were reproduced from maps previously held at the state accepted for England, Wales and Scotland in the 1920s to 1950s. The 1:10,560 scale was used for military purposes and the maps were used to update the 1:10,560 maps. The maps were produced by the Ordnance Survey, which was the only source of the maps. The maps were produced by the Ordnance Survey, which was the only source of the maps. The maps were produced by the Ordnance Survey, which was the only source of the maps.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 73005897
Customer Ref: 13319
National Grid Reference: 305580, 205960
Slice: A
Site Area (Hq): 0.08
Search Buffer (m): 1000

Site Details

Builders Yard, Elwyn Drive, Merthyr Tydfil, CF47 0NU



Tel: 0844 344 1887
Fax: 0844 344 1887
www.landmark.co.uk



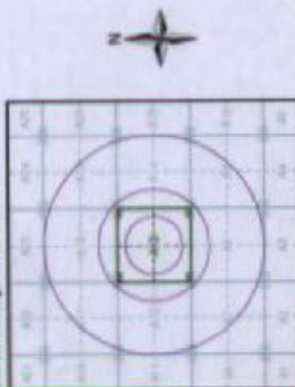
**Ordnance Survey Plan
Published 1964 - 1965
Source map scale - 1:10,000**

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1940's. In 1954 the 1:10,000 scale was adopted for mapping urban areas. These maps were used to update the 1:10,000 maps. The published data given above is often some years later than the surveyed data. Before 1950, all OS maps were based on the Cassini Projection, which introduced distortions in the country or group of countries, giving the appearance of a 'saddle' shape. In 1948, the Ordnance Survey introduced the Transverse Mercator Projection, which gave a more accurate representation of the country. The maps appear to be a mixture of the two projections. The maps were initially overlaid with the National Grid. In 1970, the first regular releases continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

SO90SW	SO90SE
1:10,000	1:10,000
1964	1964

Historical Map - Slice A



Order Details

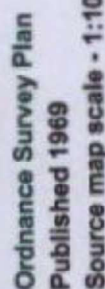
Order Number: 70905697_1_1
Customer Ref: 13319
National Grid Reference: 305580, 205960
Slice: A
Site Area (Ha): 0.05
Search Buffer (m): 1000

Site Details

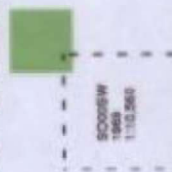
Builders Yard, Elwyn Drive, Martyn Tydfil, CF47 0NU



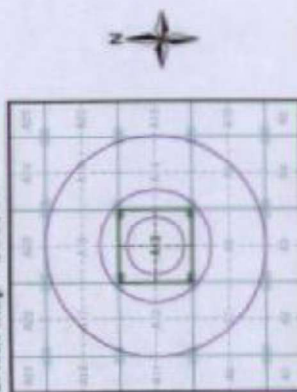
Tel: 0800 800 1000
Fax: 0800 800 1001
Email: info@landmark.co.uk

[illegible]

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 70905697_1_1
Customer Ref: 13319
National Grid Reference: 305580, 205960
A
Size: 0.08
Site Area (Ha): 1000
Search Buffer (m):

Site Details

Site Details
 Builders Yard, Elwyn Drive, Merthyr Tydfil, CF47 0NU



Tel: 0145 834 3002
Fax: 0145 834 3001
www.burroughes.co.uk



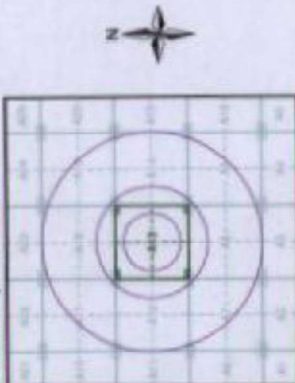
**Ordnance Survey Plan
Published 1970 - 1979
Source map scale - 1:10,000**

The historical maps shown were reproduced from maps predominantly held at the time of the survey for England, Wales and Scotland in the 1940's. In 1954 the first 1:2,500 scale was adopted for major urban areas. These maps were used to update the 1:10,000 maps. The published date given therefore is often some years after the survey date. Before 1958, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant mismatches when overlaid on the 1:2,500 urban maps. In 1948, a Provisional Ordnance Survey datum was introduced, which was a hybrid of other geodetic data across the country. This was then compared with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The equivalent maps continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

SO90WE	SO90NE
1970	1977
1:10,000	1:10,000

Historical Map - Slice A



Order Details

Order Number: 70905697_1
Customer Ref: 133119
National Grid Reference: 305650, 205660
Site: A
Site Area (Ha): 0.08
Search Buffer (m): 1000

Site Details

Builders Yard, Elwyn Drive, Merthyr Tydfil, CF47 0NU



THE
PAC
PAC
www.landmark.co.uk

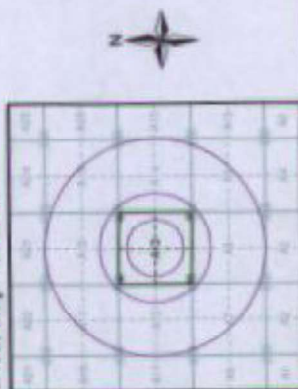


The historical maps shown here originated from maps previously held by the state explorer for England, Wales and Scotland in the 1640's. In 1864 the 1:2,500 scale was changed to 1:50,000 and in 1970 the first edition was published at 1:100,000 scale with a revised title. These maps were used to update the British Topographical Survey. Scale at OS maps was derived from the Great Meridian, with independent surveys of a single country or group of countries, giving rise to significant inaccuracies in defining boundaries between them. Each individual edition was produced, with its own set of 1:25,000 map sheets from a number of sources. The major sheets are identified with military bases and other strategic sites removed. These sheets were initially overlaid with the National Grid. In 1970, the first 1:100,000 maps were produced with the Transverse Mercator Projection. This coordinate system continued until recently, with new editions appearing every decade or so for the great west.

Map Name(s) and Date(s)



Historical Map - Slice A



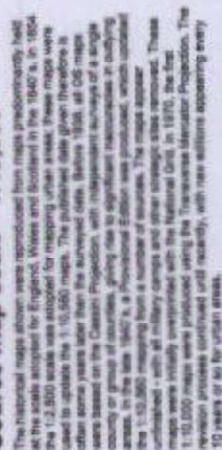
Order Details

Order Number: 70805697_1_1
Customer Ref: 13119
National Grid Reference: 305680, 205960
Size: A
Site Area (Ha): 0.08
Search Buffer (m): 1000

Site Details

ONE DAY
Bullders Yard, Elyon Drive, Merthyr Tydfil, CF47 0NU





Category	1992
SOUWV	110,000
SOUWNE	110,000

Order Number: 70905287_1_1
Customer Ref: 13319
National Grid Reference: 305580, 205040
A
Site: 0.06
Site Area (Ha): 1000
Search Buffer (m):

City Centre
Builders Yard, Elwyn Drive, Marthys Tydfil, CF47 0NU



10k Raster Mapping

Published 2006

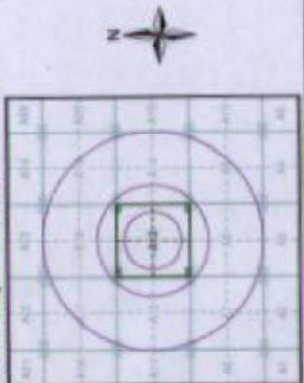
Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, terrain 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 is also included showing, utility authority, OS grid, old parish and constituency.

Map Name(s) and Date(s)

SC000000	SC000000
2006	2006
1:10,000	1:10,000
SC000000	SC000000
2006	2006
1:10,000	1:10,000

Historical Map - Slice A



Order Details

Order Number: 70005697
 Customer Ref: 13319
 National Grid Reference: 305580, 205680
 Slice: A
 Site Area (Ha): 0.06
 Search Buffer (m): 1000

Site Details

Builers Yerd, Ewryn Drive, Merthyr Tydfil, CF47 0NU



Tel: 0844 844 9922
 Fax: 0844 844 9987
 Web: www.landmark.co.uk





VectorMap Local
Published 2015

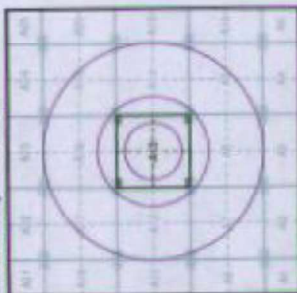
Source map scale - 1:10,000

VectorMap Local (Raster) is Ordnance Survey's highest detailed 'background' mapping product. These maps are produced from OS's VectorMap Local, a single 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 1:2500 scale (showing major towns and cities), 1:2500 scale (showing towns, villages and developed rural areas), and 1:10,000 scale (mountain, moorland and river estuary areas).

Map Name(s) and Date(s)

SC000W 2015 Variable	SC000E 2015 Variable
SC000W 2015 Variable	SC000E 2015 Variable

Historical Map - Slice A



Order Details

Order Number: 70905697_1_1
Customer Ref: 13319
National Grid Reference: 305580, 205960
Site:
Site Area (Ha): 0.06
Search Buffer (m): 1000

Site Details

Builwys Yard, Elwyn Drive, Merthyr Tydfil, CF47 0NU



Tel: 0844 844 8802
Fax: 0844 844 8801
Web: www.earthstar.co.uk

ANNEX B
Coal Authority Report & Permit



The Coal
Authority

Issued by:

The Coal Authority, Property Search Services, 200 Lichfield Lane, Berry Hill, Mansfield, Nottinghamshire, NG18 4RG
Website: www.groundstability.com Phone: 0345 762 6848 DX 716176 MANSFIELD 5

**LANDMARK INFORMATION GROUP
LIMITED
SOWTON INDUSTRIAL ESTATE
ABBEY COURT
UNIT 5/7 EAGLE WAY
EXETER
DEVON
EX2 7HY**

Our reference:	51000967195001
Your reference:	70905697_2
Date of your enquiry:	05 August 2015
Date we received your enquiry:	05 August 2015
Date of issue:	05 August 2015

This report is for the property described in the address below and the attached plan.

Non-Residential Coal Authority Mining Report

SITE AT BUILDERS YARD, ELWYN DRIVE, MERTHYR TYDFIL,

This report is based on and limited to the records held by, the Coal Authority, and the Cheshire Brine Subsidence Compensation Board's records, at the time we answer the search.

Coal mining	See comments below
Brine Compensation District	No

Information from the Coal Authority

Underground coal mining

Past

According to the records in our possession, the property is not within the zone of likely physical influence on the surface from past underground workings.

However the property is in an area where the Coal Authority believe 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 prior to any site works or future development activity. Your attention is drawn to the Comments on Coal Authority Information section of the report.

Present

The property is not in the likely zone of influence of any present underground coal workings.

Future

The property is not in an area for which the Coal Authority is determining whether to grant a licence to remove coal using underground methods.

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

The property is not in an area that is likely to be affected at the surface from any planned future workings.

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

No notice of the risk of the land being affected by subsidence has been given under section 46 of the Coal Mining Subsidence Act 1991.

Mine entries

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

Records may be incomplete. Consequently, there may exist in the local area mine entries of which the Coal Authority has no knowledge.

Coal mining geology

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

Opencast coal mining

Past

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

Present

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

Future

The property is not within 800 metres of the boundary of an opencast site for which the Coal Authority is determining whether to grant a licence to remove coal by opencast methods.

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

Coal mining subsidence

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

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

The 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

There is no record of a mine gas emission requiring action by the Coal Authority within the boundary of the property.

Hazards related to coal mining

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

Withdrawal of support

The property is not in an area for which a notice of entitlement to withdraw support has been published.

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

Working facilities orders

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

Payments to owners of former copyhold land

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

Comments on Coal Authority information

In view of the mining circumstances a prudent developer would seek appropriate technical advice before any works are undertaken.

Therefore if development proposals are being considered, technical advice relating to both the investigation of coal and former coal mines and their treatment should be obtained before beginning work on site. All proposals should apply good engineering practice developed for mining areas. No development should be undertaken that intersects, disturbs or interferes with any coal or mines of coal without the permission of the Coal Authority. Developers should be aware that the investigation of coal seams/former mines of coal may have the potential to generate and/or displace underground gases and these risks both under and adjacent to the development should be fully considered in developing any proposals. The need for effective measures to prevent gases entering into public properties either during investigation or after development also needs to be assessed and properly addressed. This is necessary due to the public safety implications of any development in these circumstances.

Information from the Cheshire Brine Subsidence Compensation Board

The property lies outside the Cheshire Brine Compensation District.

Additional Remarks

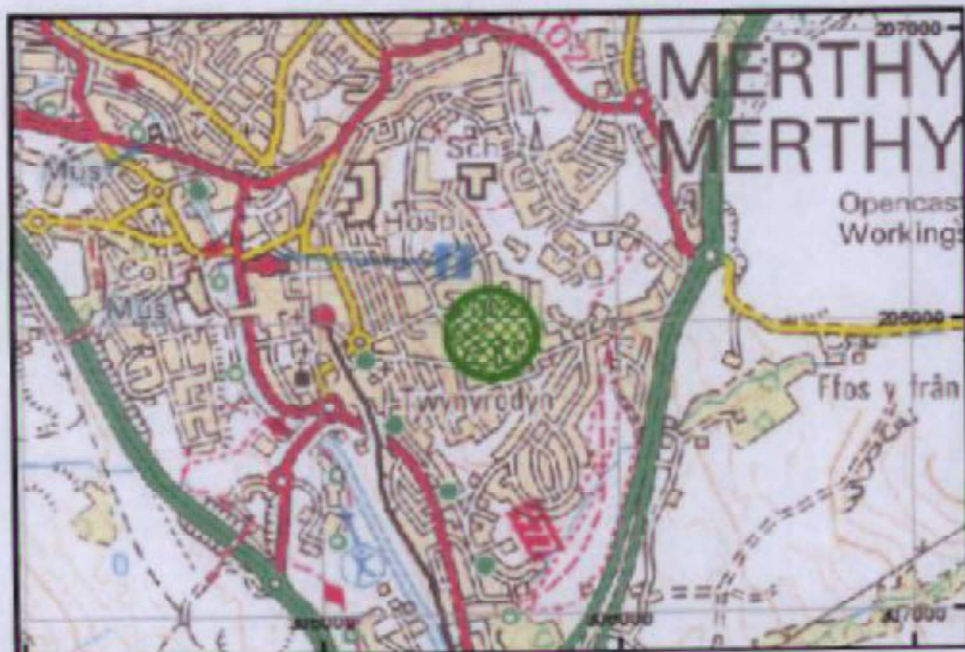
Information provided by the Coal Authority in this report is compiled in response to the Law Society's Con29M Coal Mining and Brine Subsidence Claim enquiries. The said enquiries are protected by copyright owned by the Law Society of 113 Chancery Lane, London WC2A 1PL. Please note that Brine Subsidence Claim enquiries are only relevant for England and Wales. This report is prepared in accordance with the Law Society's Guidance Notes 2006, the User Guide 2006 and the Coal Authority and Cheshire Brine Board's Terms and Conditions applicable at the time the report was produced.

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Location map



Approximate position
of property

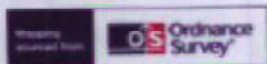
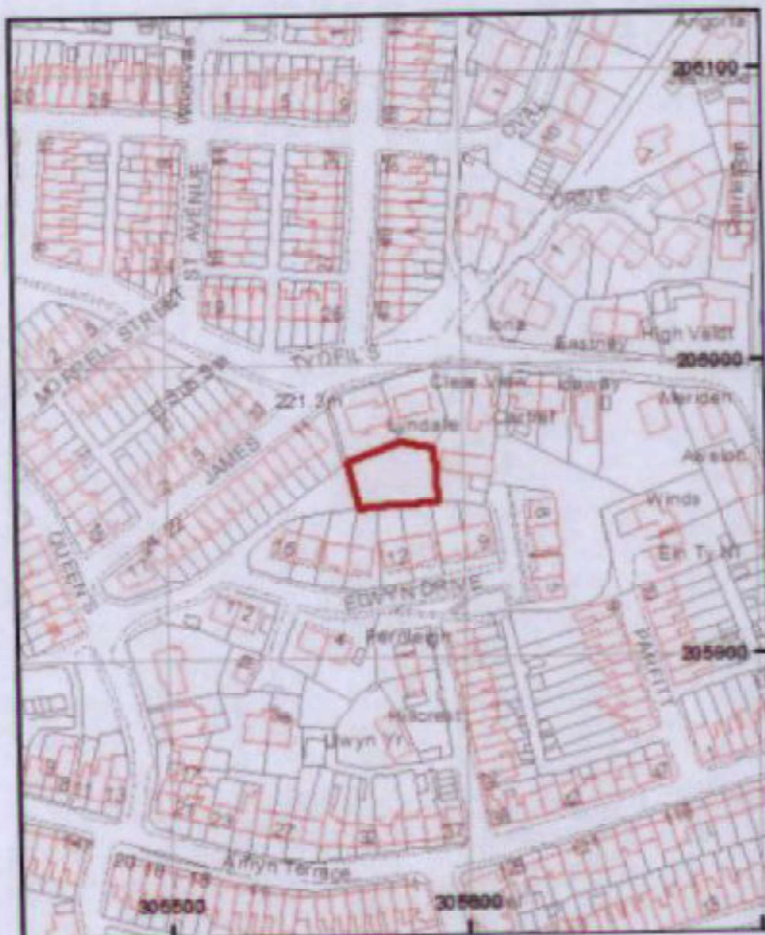


Enquiry boundary

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Key

Approximate position of enquiry
boundary shown





The Coal
Authority

Permit to Enter or Disturb Coal Authority Interests

Permit 26363

Name and Address of Permit Holder:

Jason Cox
46 Blue Zone
Pant Industrial Estate
Dowlais
Merthyr Tydfil
CF48 2SR

Site Location:

Land off
Elwyn Drive
Merthyr Tydfil
CF47 0NJ

This certificate hereby grants the above named Permit Holder a Permit to carry out:-

Ground investigation by three rotary boreholes to 35m depth to determine presence or otherwise of shallow mine workings within the Authority's interests at the identified site location above as shown on the Grant Permit Boundary (overleaf) for the period of **12 months** from the granted date shown below. *The granting of this Permit does not constitute advice given by the Authority in relation to the proposed operations. It is the Permit Holder's responsibility to obtain appropriate health, safety, environmental, technical and legal advice.*

Conditions:

- *Manned entry (i.e.) into mine entries/workings) is strictly prohibited.*
- *Water flush drilling only*
- *Gas Monitoring for CO, CH₄, CO₂, O₂, and H₂S at borehole and drill rig*
- *Operators undertaking the work must be in possession of this certificate and the Permit boundary plan at the time of works*
- *Appropriate borehole reinstatement and sealing without delay and to withstand site level changes*

Signed: Leigh Sharpe Granted Date: 21/02/2023

For and on behalf of The Coal Authority

Nominated Representative: Leigh Sharpe, Permitting Manager,
The Coal Authority, Permitting Office, 200 Lichfield Lane, Mansfield, Notts, NG18 4RG
Tel: 01623 637450; E-Mail: permissions@coal.gov.uk



The Coal
Authority

Granted Permit Boundary

Permit Ref: 26363

Permit Boundary:



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**ANNEX C
Borehole Logs**

										Borehole No. BH1 Sheet 1 of 4	
Project Name: Elwyn Drive				Project No. 13319		Co-ords:			Hole Type RC		
Location: Merthyr Tydfil				Level:			Scale 1:50				
Client: Mr J Cox				Dates:			Logged By				
Water Strikes	Depth (m)	Type /Fl	Coring			Depth (m)	Level (m)	Well	Legend	Stratum Description	
			TCR	SCR	RQD						
						1.20				Grey Colliery Spoil. (MADE GROUND) (Driller's Description)	1
										Brown sandy silty fine to coarse GRAVEL and COBBLES. (Driller's Description)	2
											3
											4
											5
						6.60				Grey MUDSTONE. (Driller's Description)	6
											7
											8
						8.70				COAL. (Driller's Description)	9
						8.90				Grey MUDSTONE with Sandstone/Ironstone bands. (Driller's Description)	10

Remarks: Groundwater not encountered. On completion borehole backfilled with bentonite.

										Borehole No. BH1	
										Sheet 2 of 4	
Project Name: Elwyn Drive				Project No. 13319		Co-ords:				Hole Type RC	
Location: Merthyr Tydfil						Level:				Scale 1:50	
Client: Mr J Cox						Dates:				Logged By	
Water Strikes	Depth (m)	Type /FI	Coring			Depth (m)	Level (m)	Well	Legend	Stratum Description	
			TCR	SCR	RQD						
										Grey MUDSTONE with Sandstone/Ironstone bands. (Driller's Description)	11
											12
											13
											14
											15
											16
											17
											18
											19
											20
Remarks: Groundwater not encountered. On completion borehole backfilled with bentonite.											

										Borehole No. BH1	
										Sheet 3 of 4	
Project Name: Elwyn Drive				Project No. 13319		Co-ords:				Hole Type RC	
Location: Merthyr Tydfil						Level:				Scale 1:50	
Client: Mr J Cox						Dates:				Logged By	
Water Strikes	Depth (m)	Type /FI	Coring			Depth (m)	Level (m)	Well	Legend	Stratum Description	
			TCR	SCR	RQD						
										Grey MUDSTONE with Sandstone/ironstone bands. (Driller's Description)	
											21
											22
											23
											24
											25
											26
											27
											28
											29
											30
Remarks: Groundwater not encountered. On completion borehole backfilled with bentonite.											

										Borehole No. BH1	
										Sheet 4 of 4	
Project Name: Elwyn Drive				Project No. 13319		Co-ords:				Hole Type RC	
Location: Merthyr Tydfil						Level:				Scale 1:50	
Client: Mr J Cox						Dates:				Logged By	
Water Strikes	Depth (m)	Type /Fl	Coring			Depth (m)	Level (m)	Well	Legend	Stratum Description	
			TCR	SCR	RQD						
										Grey MUDSTONE with Sandstone/Ironstone bands. (Driller's Description)	
											31
											32
											33
											34
						35.00					35
										End of Borehole at 35.000m	36
											37
											38
											39
											40
Remarks: Groundwater not encountered. On completion borehole backfilled with bentonite.											

										Borehole No. BH2	
										Sheet 1 of 4	
Project Name: Elwyn Drive				Project No. 13319		Co-ords:				Hole Type RC	
Location: Merthyr Tydfil						Level:				Scale 1:50	
Client: Mr J Cox						Dates:				Logged By	

Water Strikes	Depth (m)	Type /FI	Coring			Depth (m)	Level (m)	Well	Legend	Stratum Description	
			TCR	SCR	RQD						
						0.10				TARMACADAM. (MADE GROUND) (Driller's Description) Brown sandy silty fine to coarse GRAVEL and COBBLES. (Driller's Description)	1
											2
											3
											4
											5
						6.40				Grey MUDSTONE. (Driller's Description)	6
											7
											8
						8.60				COAL. (Driller's Description)	9
						8.90				Grey MUDSTONE with sandstone /Ironstone bands (Driller's Description)	10

Remarks: Groundwater not encountered. On completion a 50mm standpipe was installed to 3.00m with a granular response zone 3.00-1.00m, bentonite plugs 35.00-3.00m and 1.00-0.10m, concrete and flush cover 0.10-0.00m.

										Borehole No. BH2	
										Sheet 2 of 4	
Project Name: Elwyn Drive				Project No. 13319		Co-ords:				Hole Type RC	
Location: Merthyr Tydfil						Level:				Scale 1:50	
Client: Mr J Cox						Dates:				Logged By	
Water Strikes	Depth (m)	Type /FI	Coring			Depth (m)	Level (m)	Well	Legend	Stratum Description	
			TCR	SCR	RQD						
										Grey MUDSTONE with sandstone /Ironstone bands (Driller's Description)	
											11
											12
											13
											14
											15
											16
											17
											18
											19
											20
Remarks: Groundwater not encountered. On completion a 50mm standpipe was installed to 3.00m with a granular response zone 3.00-1.00m, bentonite plugs 35.00-3.00m and 1.00-0.10m, concrete and flush cover 0.10-0.00m.											

										Borehole No. BH2	
										Sheet 3 of 4	
Project Name: Elwyn Drive				Project No. 13319		Co-ords:				Hole Type RC	
Location: Merthyr Tydfil						Level:				Scale 1:50	
Client: Mr J Cox						Dates:				Logged By	
Water Strikes	Depth (m)	Type /Fl	Coring			Depth (m)	Level (m)	Well	Legend	Stratum Description	
			TCR	SCR	RQD						
										Grey MUDSTONE with sandstone /ironstone bands (Driller's Description)	
											21
											22
											23
											24
											25
											26
											27
											28
											29
											30
Remarks: Groundwater not encountered. On completion a 50mm standpipe was installed to 3.00m with a granular response zone 3.00-1.00m, bentonite plugs 35.00-3.00m and 1.00-0.10m, concrete and flush cover 0.10-0.00m.											

										Borehole No. BH2	
										Sheet 4 of 4	
Project Name: Elwyn Drive				Project No. 13319		Co-ords:				Hole Type RC	
Location: Merthyr Tydfil						Level:				Scale 1:50	
Client: Mr J Cox						Dates:				Logged By	
Water Strikes	Depth (m)	Type /FI	Coring			Depth (m)	Level (m)	Well	Legend	Stratum Description	
			TCR	SCR	RQD						
										Grey MUDSTONE with sandstone /ironstone bands (Driller's Description)	
											31
											32
											33
											34
						35.00					35
										End of Borehole at 35.000m	36
											37
											38
											39
											40
Remarks: Groundwater not encountered. On completion a 50mm standpipe was installed to 3.00m with a granular response zone 3.00-1.00m, bentonite plugs 35.00-3.00m and 1.00-0.10m, concrete and flush cover 0.10-0.00m.											

										Borehole No. BH3	
										Sheet 1 of 4	
Project Name: Elwyn Drive				Project No. 13319		Co-ords:				Hole Type RC	
Location: Merthyr Tydfil						Level:				Scale 1:50	
Client: Mr J Cox						Dates:				Logged By	
Water Strikes	Depth (m)	Type /FI	Coring			Depth (m)	Level (m)	Well	Legend	Stratum Description	
			TCR	SCR	RQD						
										(Driller's description)	
						4.00					1
											2
											3
											4
										Brown sandy silty fine to coarse GRAVEL and COBBLES. (Driller's Description)	5
											6
											7
						7.40				Grey weathered MUDSTONE. (Driller's Description)	
						7.60				COAL. (Driller's Description)	
						7.80				Grey MUDSTONE with sandstone /Ironstone bands. (Driller's Description)	8
											9
											10
Remarks: Groundwater not encountered. On completion borehole backfilled with bentonite.											

										Borehole No. BH3	
										Sheet 2 of 4	
Project Name: Elwyn Drive				Project No. 13319		Co-ords:				Hole Type RC	
Location: Merthyr Tydfil						Level:				Scale 1:50	
Client: Mr J Cox						Dates:				Logged By	
Water Strikes	Depth (m)	Type /FI	Coring			Depth (m)	Level (m)	Well	Legend	Stratum Description	
			TCR	SCR	RQD						
										Grey MUDSTONE with sandstone /Ironstone bands. (Driller's Description)	
											11
											12
											13
											14
											15
											16
											17
											18
											19
											20
Remarks: Groundwater not encountered. On completion borehole backfilled with bentonite.											

										Borehole No. BH3 Sheet 3 of 4	
Project Name: Elwyn Drive					Project No. 13319		Co-ords:			Hole Type RC	
Location: Merthyr Tydfil					Level:			Scale 1:50			
Client: Mr J Cox					Dates:			Logged By			
Water Strikes	Depth (m)	Type /FI	Coring			Depth (m)	Level (m)	Well	Legend	Stratum Description	
			TCR	SCR	RQD						
										Grey MUDSTONE with sandstone /Ironstone bands. (Driller's Description)	
											21
											22
											23
											24
											25
											26
											27
											28
											29
											30
Remarks: Groundwater not encountered. On completion borehole backfilled with bentonite.											

										Borehole No. BH3	
										Sheet 4 of 4	
Project Name: Elwyn Drive					Project No. 13319			Co-ords:		Hole Type RC	
Location: Merthyr Tydfil					Level:			Scale 1:50		Logged By	
Client: Mr J Cox					Dates:						
Water Strikes	Depth (m)	Type /FI	Coring			Depth (m)	Level (m)	Well	Legend	Stratum Description	
			TCR	SCR	RQD						
										Grey MUDSTONE with sandstone /ironstone bands. (Driller's Description)	
											31
											32
											33
											34
						35.00					35
										End of Borehole at 35.000m	36
											37
											38
											39
											40
Remarks: Groundwater not encountered. On completion borehole backfilled with bentonite.											



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