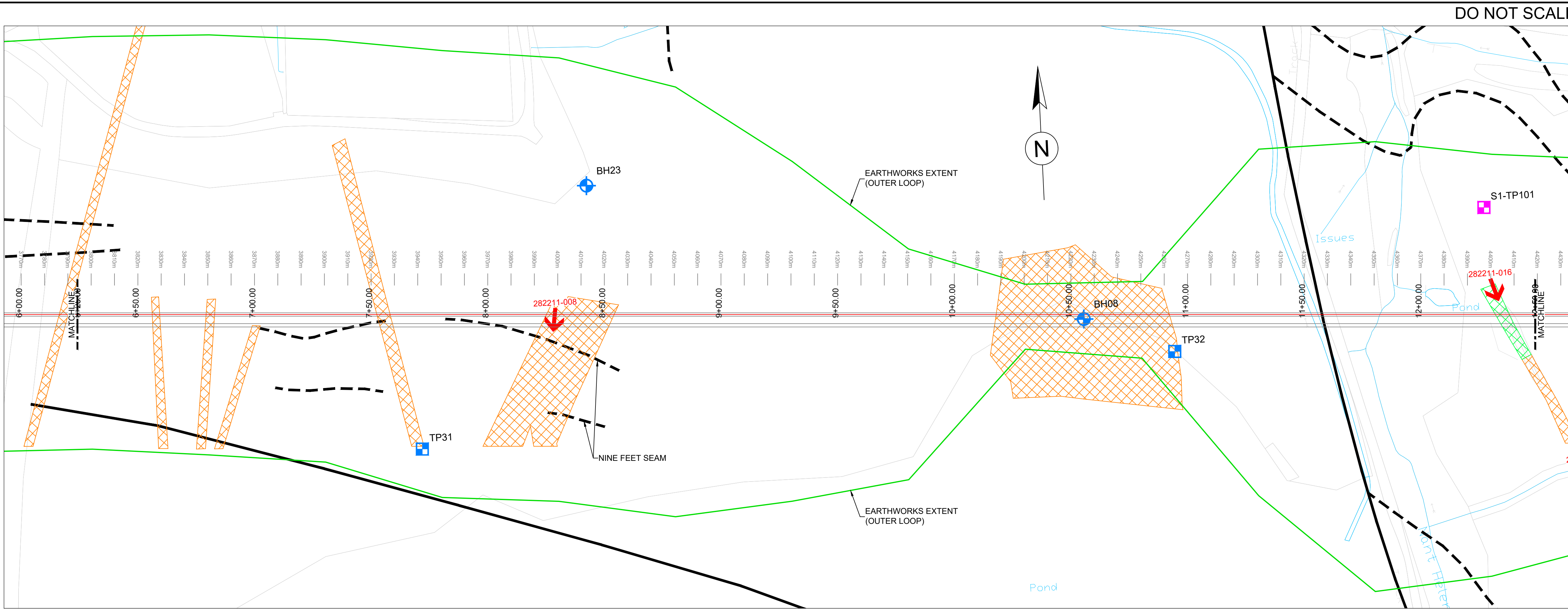


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Millimetres



PLAN: OUTER LOOP NORTH EMBANKMENT

CHAINAGE 6+25 - 12+50m

1:1000

PROFILE LEGEND:

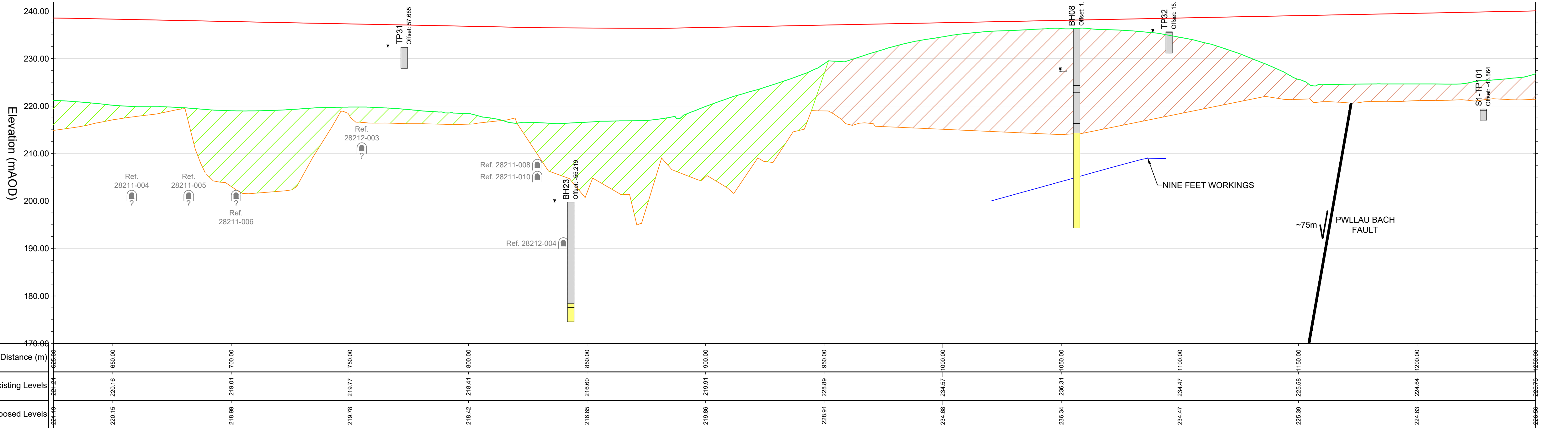
- EXISTING GROUND LEVEL
- EXISTING ROCKHEAD
- PROPOSED EARTHWORKS FORMATION
- APPROXIMATE BASE OF MINE WORKINGS
- ADIT (Estimated Location From Available Information)
- ADIT (Elevation Unknown - No Elevation Data)
- OVERBURN: OPENCAST FILL
- OVERBURN: MADE GROUND

BOREHOLE LEGEND:

- SUPERFICIAL AND ARTIFICIAL
- BEDROCK
- COAL
- NO RECOVERY

LEGEND:

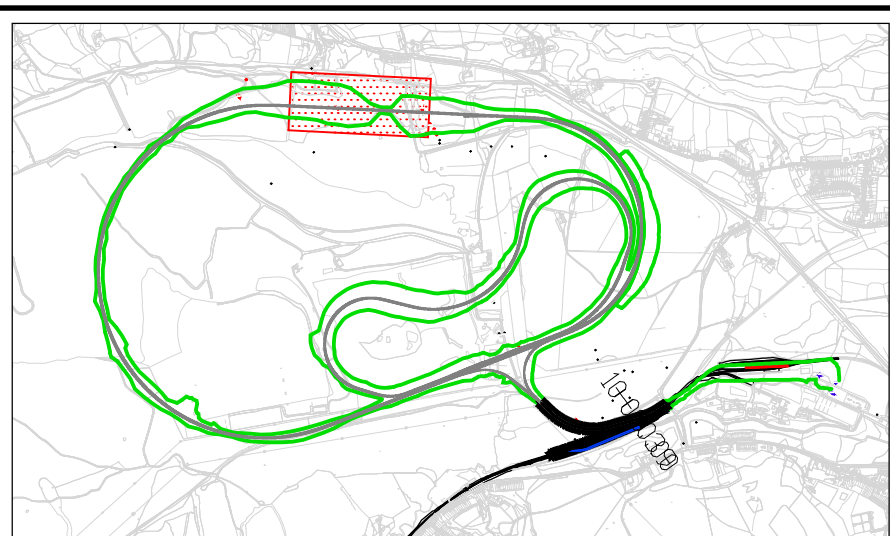
- MINE TREATMENT: DRILL AND GROUT
- MINE TREATMENT: EXCAVATE AND REPLACE
- ADIT PORTAL REQUIRING TREATMENT
- PRELIMINARY GROUND INVESTIGATION: BOREHOLE, TRIAL PIT
- COMPLETED ADDITIONAL GROUND INVESTIGATION - STAGE 1: BOREHOLE, TRIAL PIT
- CENTRELINE OF LONGITUDINAL SECTION
- GEOLOGICAL FAULT
- COAL SEAM
- SHAFT NOT REQUIRING TREATMENT
- SHAFT REQUIRING TREATMENT



LONGITUDINAL SECTION: OUTER LOOP NORTH EMBANKMENT

CHAINAGE 6+25 - 12+50m

1:1000 HORZ, 1:500 VERT



KEY PLAN

NOTES

- DRAWINGS TO BE READ IN CONJUNCTION WITH DESIGN INPUT STATEMENT INCLUDED IN THE GEOTECHNICAL DESIGN REPORT, MINE REMEDIATION PLANS (GCRE001-AWJV-00-XX-DR-GE-00021 TO 00028) AND THE SPECIFICATION FOR REMEDIATION OF WORKINGS.
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SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

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Rev.	Date	Description	By	Cnk'd	App'd
P01.01	---	PRELIMINARY	---	---	---

Drawing Status	Suitability
Initial non-contractual code	S0

WALTERS ATKINS

Client

GCRE

Global Centre of Rail Excellence
Canolfan Fyd-Eang Rhagoriaeth Rheilffyrdd

Project Title

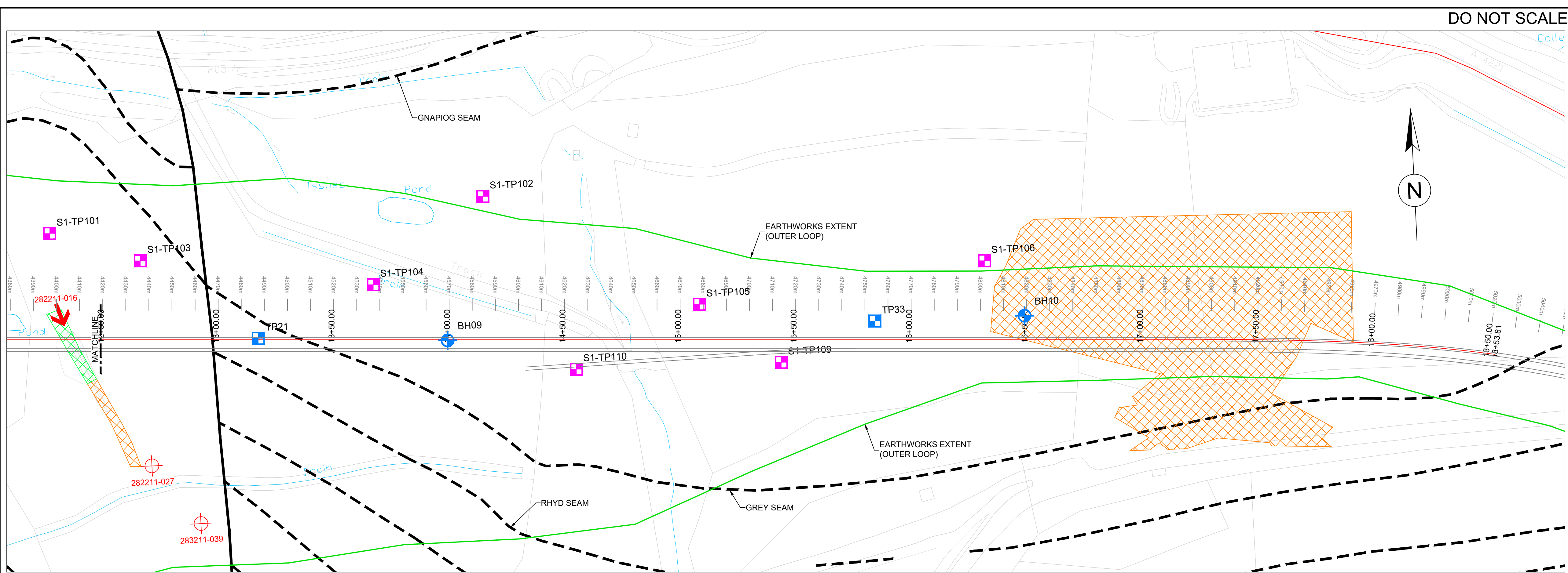
GLOBAL CENTRE OF RAIL EXCELLENCE

Drawing Title

**MINING WORKINGS REMEDIATION
PLAN AND PROFILE
SHEET 2 OF 8**

Scale 1:1000	Drawn ---	Checked ---	Approved ---	Authorised ---
Original Size A1	Date --/--	Date ---	Date ---	Date ---
Drawing Number GCRE001-AWJV-EW-XX-DR-GE-04002				Revision P01.01

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Millimetres



PLAN: OUTER LOOP NORTH EMBANKMENT
CHAINAGE 12+50 - 18+53.81m
1:1000

PROFILE LEGEND:

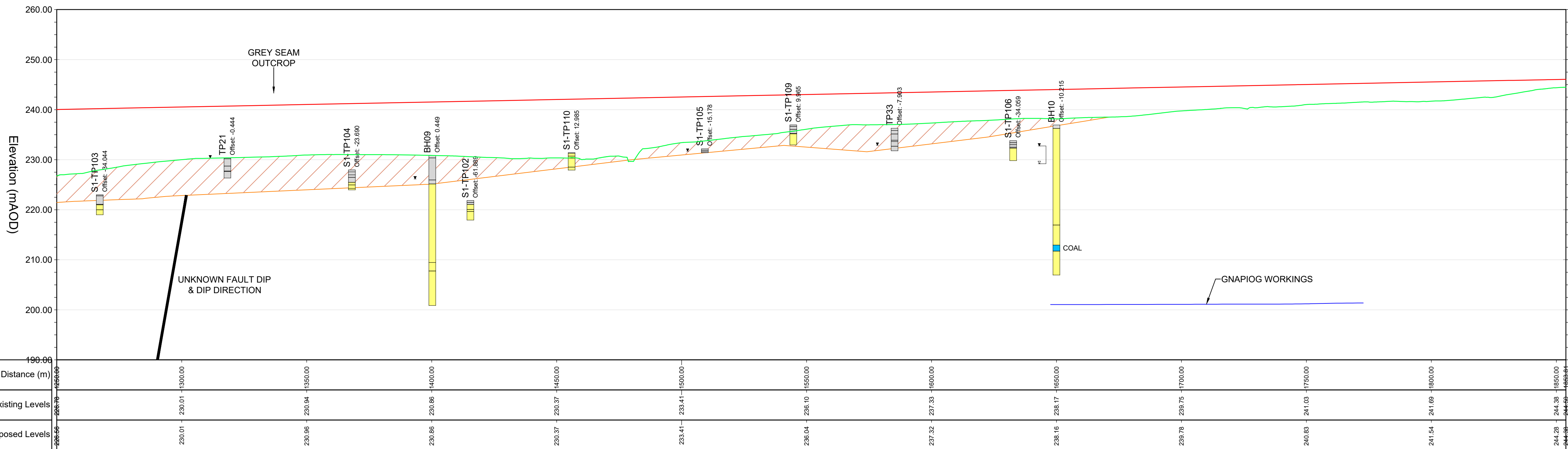
- EXISTING GROUND LEVEL
- EXISTING ROCKHEAD
- PROPOSED EARTHWORKS FORMATION
- APPROXIMATE BASE OF MINE WORKINGS
- ADIT (Estimated Location From Available Information)
- ADIT (Elevation Unknown - No Elevation Data)
- OVERBURN: OPENCAST FILL
- OVERBURN: MADE GROUND

BOREHOLE LEGEND:

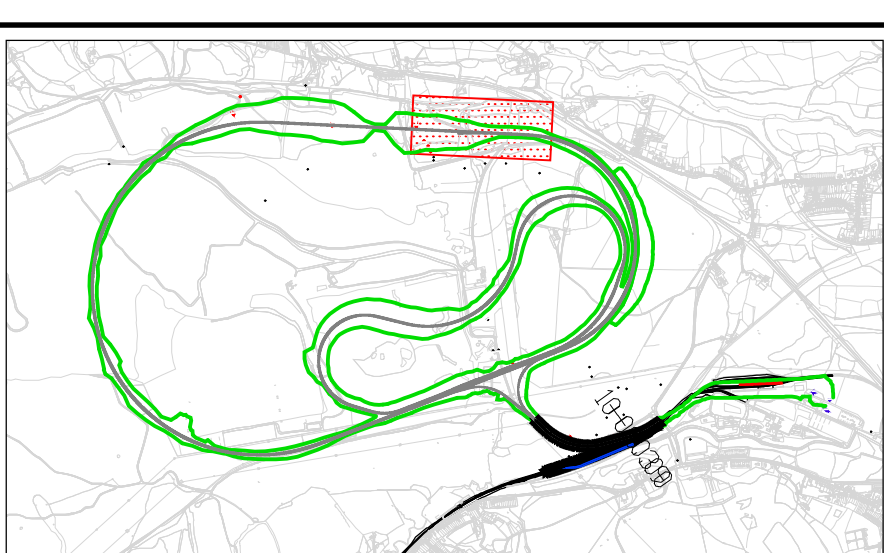
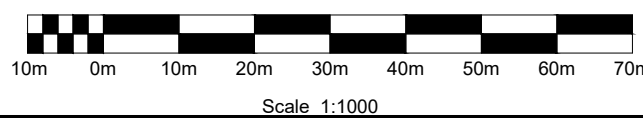
- SUPERFICIAL AND ARTIFICIAL
- BEDROCK
- COAL
- NO RECOVERY

LEGEND:

- MINE TREATMENT: DRILL AND GROUT
- MINE TREATMENT: EXCAVATE AND REPLACE
- ADIT PORTAL REQUIRING TREATMENT
- PRELIMINARY GROUND INVESTIGATION: BOREHOLE, TRIAL PIT
- COMPLETED ADDITIONAL GROUND INVESTIGATION - STAGE 1: BOREHOLE, TRIAL PIT
- CENTRELINE OF LONGITUDINAL SECTION
- GEOLOGICAL FAULT
- COAL SEAM
- SHAFT NOT REQUIRING TREATMENT
- SHAFT REQUIRING TREATMENT



LONGITUDINAL SECTION: OUTER LOOP NORTH EMBANKMENT
CHAINAGE 12+50 - 18+53.81m
1:1000 HORIZ, 1:500 VERT



KEY PLAN

NOTES

- DRAWINGS TO BE READ IN CONJUNCTION WITH DESIGN INPUT STATEMENT INCLUDED IN THE GEOTECHNICAL DESIGN REPORT, MINE REMEDIATION PLANS (GCRE001-AWJV-00-XX-DR-GE-00021 TO 00028) AND THE SPECIFICATION FOR REMEDIATION OF WORKINGS.
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SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

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Rev.	Date	Description	By	Chk'd	App'd
P01.01	---	PRELIMINARY	---	---	---

Client	WALTERS ATKINS
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Client	GCRE Global Centre of Rail Excellence Canolfan Fyd-Eang Rhagoriaeth Rheilffyrdd
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Project Title	GLOBAL CENTRE OF RAIL EXCELLENCE
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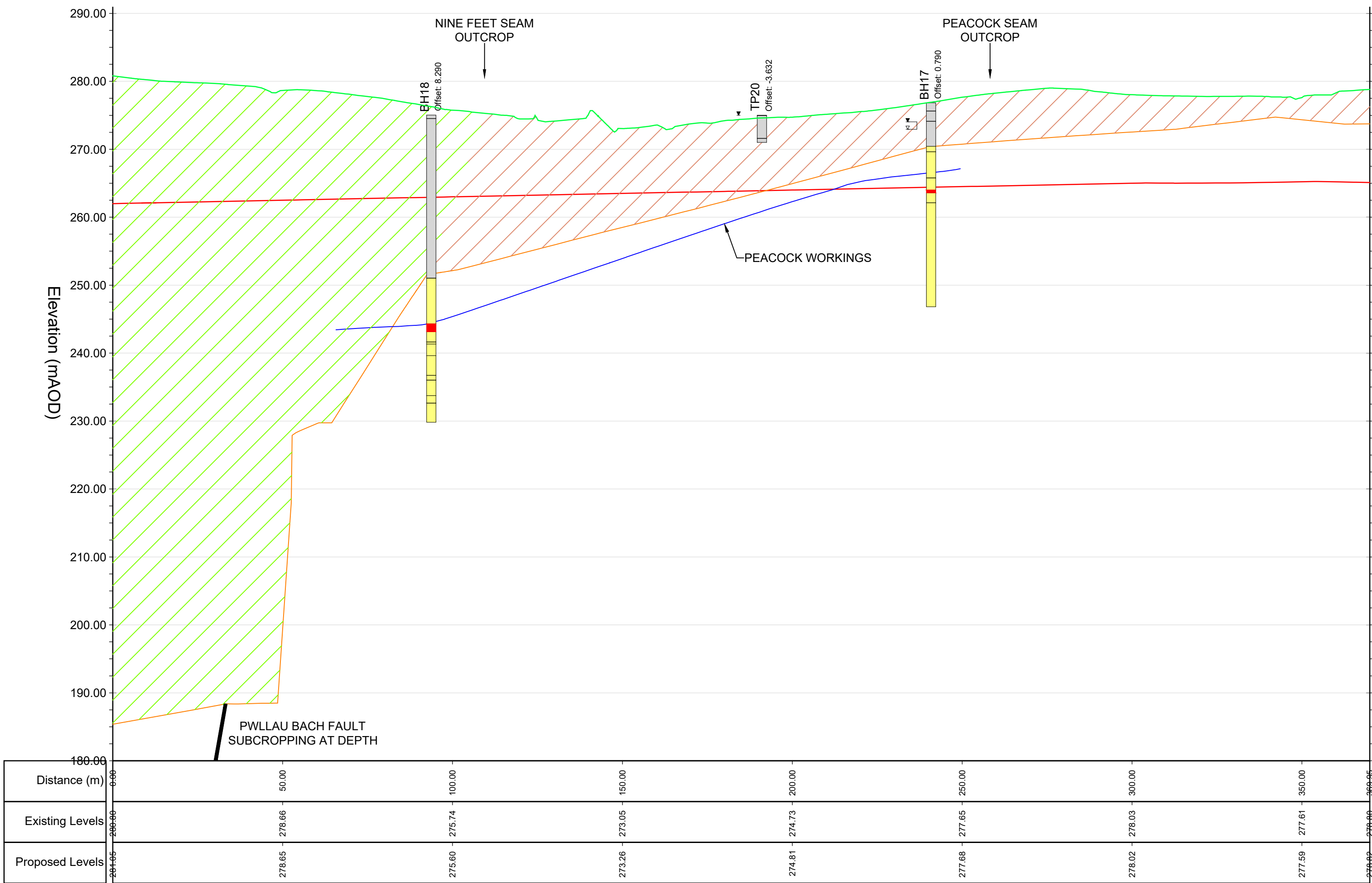
Drawing Title	MINING WORKINGS REMEDIATION PLAN AND PROFILE SHEET 3 OF 8
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Scale	1:1000	Drawn	---	Checked	---	Approved	---	Authorised	---
Original Size	A1	Date	--/--/---	Date	---	Date	---	Date	---
Drawing Number	GCRE001-AWJV-EW-XX-DR-GE-04003	Revision	P01.01						

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Millimetres



PLAN: INNER LOOP NORTH
CHAINAGE 0+00 - 3+69.95m
1:1000



LONGITUDINAL SECTION: INNER LOOP NORTH
CHAINAGE 0+00 - 3+69.95m
1:1000 HORZ, 1:500 VERT

LEGEND:

	MINE TREATMENT: DRILL AND GROUT		CENTRELINE OF LONGITUDINAL SECTION
	MINE TREATMENT: EXCAVATE AND REPLACE		GEOLOGICAL FAULT
	ADIT PORTAL REQUIRING TREATMENT		COAL SEAM
	BOREHOLE		SHAFT NOT REQUIRING TREATMENT
	TRIAL PIT		SHAFT REQUIRING TREATMENT

PRELIMINARY GROUND INVESTIGATION

	BOREHOLE		TRIAL PIT
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COMPLETED ADDITIONAL GROUND INVESTIGATION - STAGE 1

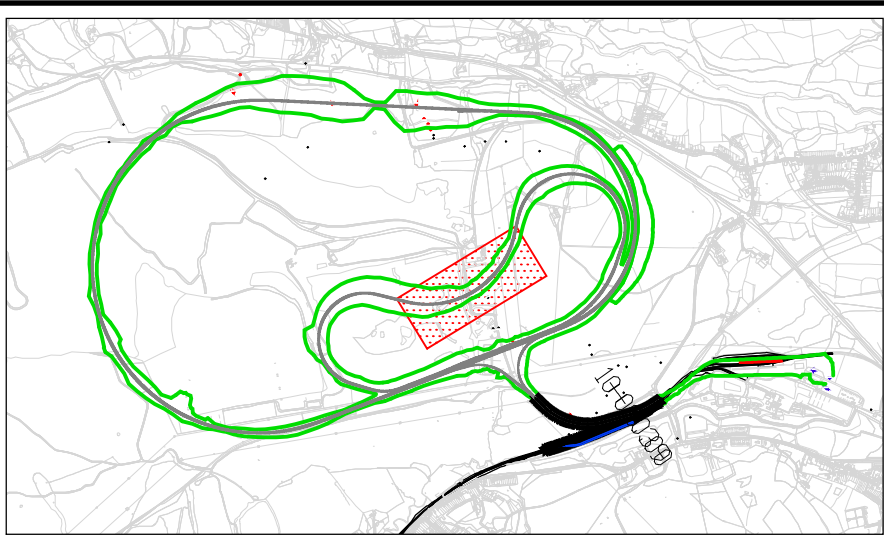
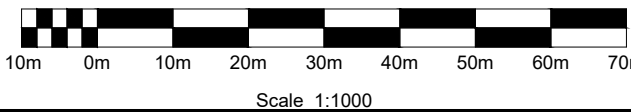
	BOREHOLE		TRIAL PIT
--	----------	--	-----------

BOREHOLE LEGEND:

	SUPERFICIAL AND ARTIFICIAL
	BEDROCK
	COAL
	NO RECOVERY

PROFILE LEGEND:

	EXISTING GROUND LEVEL
	EXISTING ROCKHEAD
	PROPOSED EARTHWORKS FORMATION
	APPROXIMATE BASE OF MINE WORKINGS
	OVERBURN: OPENCAST FILL
	OVERBURN: MADE GROUND



KEY PLAN

- NOTES**
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P01.01	---	PRELIMINARY	---	---	---
Rev.	Date	Description	By	Cnk'd	App'd

WALTERS ATKINS

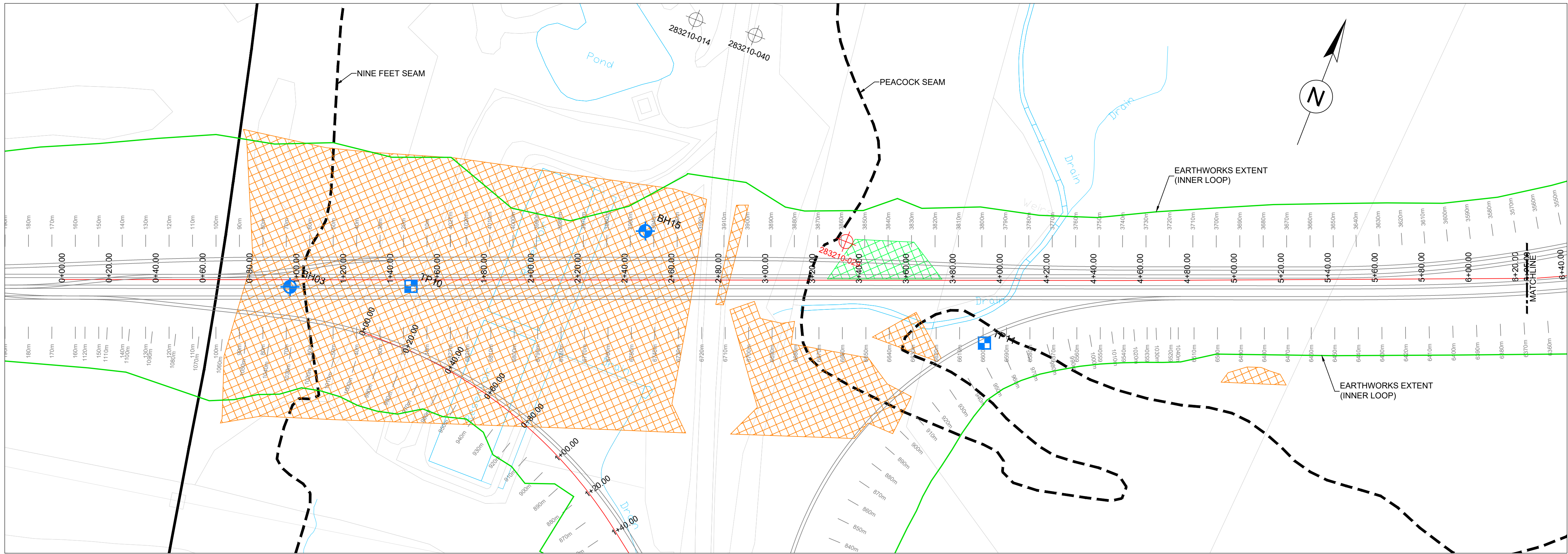
GCRE
Global Centre of Rail Excellence
Canolfan Fyd-Eang Rhagoriaeth Rheilffyrdd

GLOBAL CENTRE OF RAIL EXCELLENCE

**MINING WORKINGS REMEDIATION
PLAN AND PROFILE
SHEET 4 OF 8**

Scale 1:1000	Drawn ---	Checked ---	Approved ---	Authorised ---
Original Size A1	Date --/--	Date ---	Date ---	Date ---
Drawing Number GCRE001-AWJV-EW-XX-DR-GE-04004	Revision P01.01			

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Millimetres



PLAN: INNER LOOP SOUTH
CHAINAGE 0+00 - 6+25m
1:1000

PROFILE LEGEND:

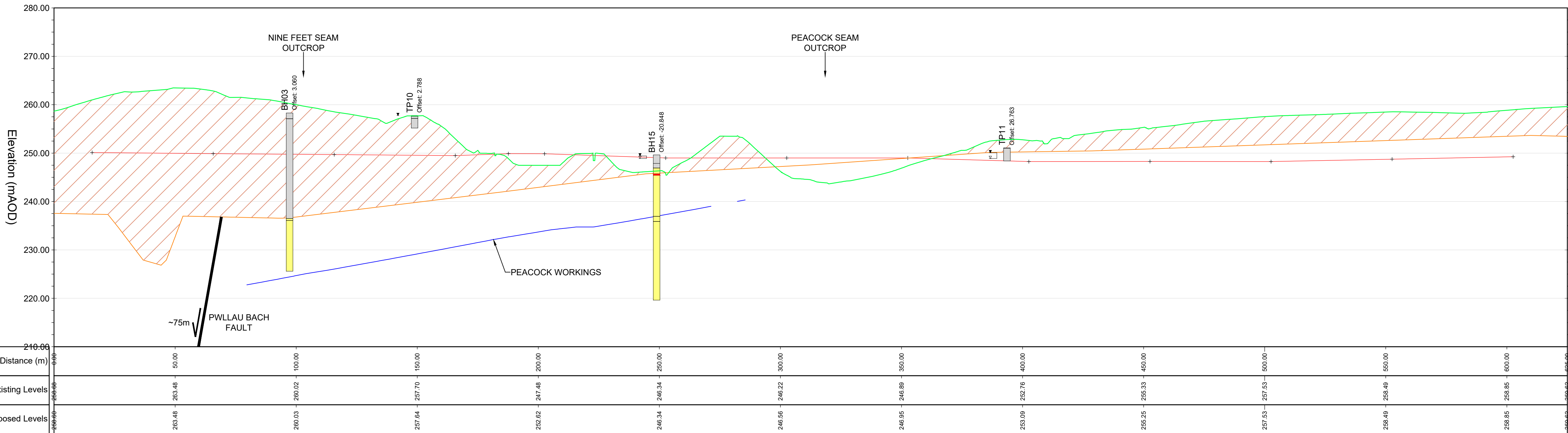
- EXISTING GROUND LEVEL
- EXISTING ROCKHEAD
- PROPOSED EARTHWORKS FORMATION
- APPROXIMATE BASE OF MINE WORKINGS
- OVERBURN: OPENCAST FILL
- OVERBURN: MADE GROUND

BOREHOLE LEGEND:

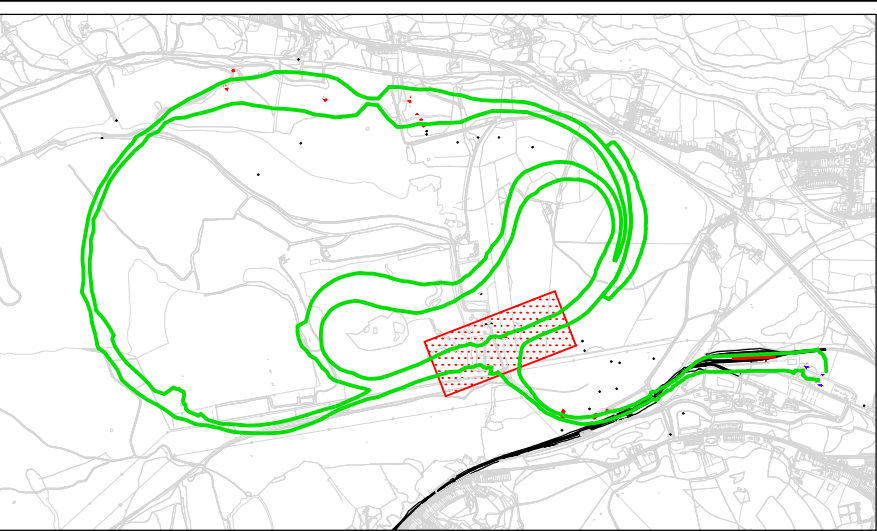
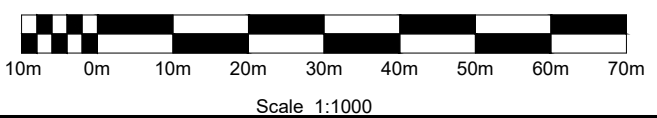
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- COAL
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LEGEND:

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- GEOLOGICAL FAULT
- COAL SEAM
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- SHAFT REQUIRING TREATMENT



LONGITUDINAL SECTION: INNER LOOP SOUTH
CHAINAGE 0+00 - 6+25m
1:1000 HORIZ, 1:500 VERT



KEY PLAN

NOTES

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Rev.	Date	Description	By	Cnk'd	App'd
P01.01	---	PRELIMINARY	---	---	---

Initial non-contractual code	SO
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WALTERS | ATKINS

Client

GCRE

Global Centre of Rail Excellence
Canolfan Fyd-Eang Rhagoriaeth Rheilffyrdd

Project Title

GLOBAL CENTRE OF RAIL EXCELLENCE

Drawing Title					
MINING WORKINGS REMEDIATION PLAN AND PROFILE SHEET 5 OF 8					
Scale	Drawn	Checked	Approved	Authorised	
1:1000	---	---	---	---	
Original Size	Date	Date	Date	Date	
A1	--/--/---	---	---	---	
Drawing Number				Revision	
GCRE001-AWJV-EW-XX-DR-GE-04005				P01.01	

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Millimetres



PLAN: INNER LOOP SOUTH
CHAINAGE 0+00 - 10+18.62m
1:1000

PROFILE LEGEND:

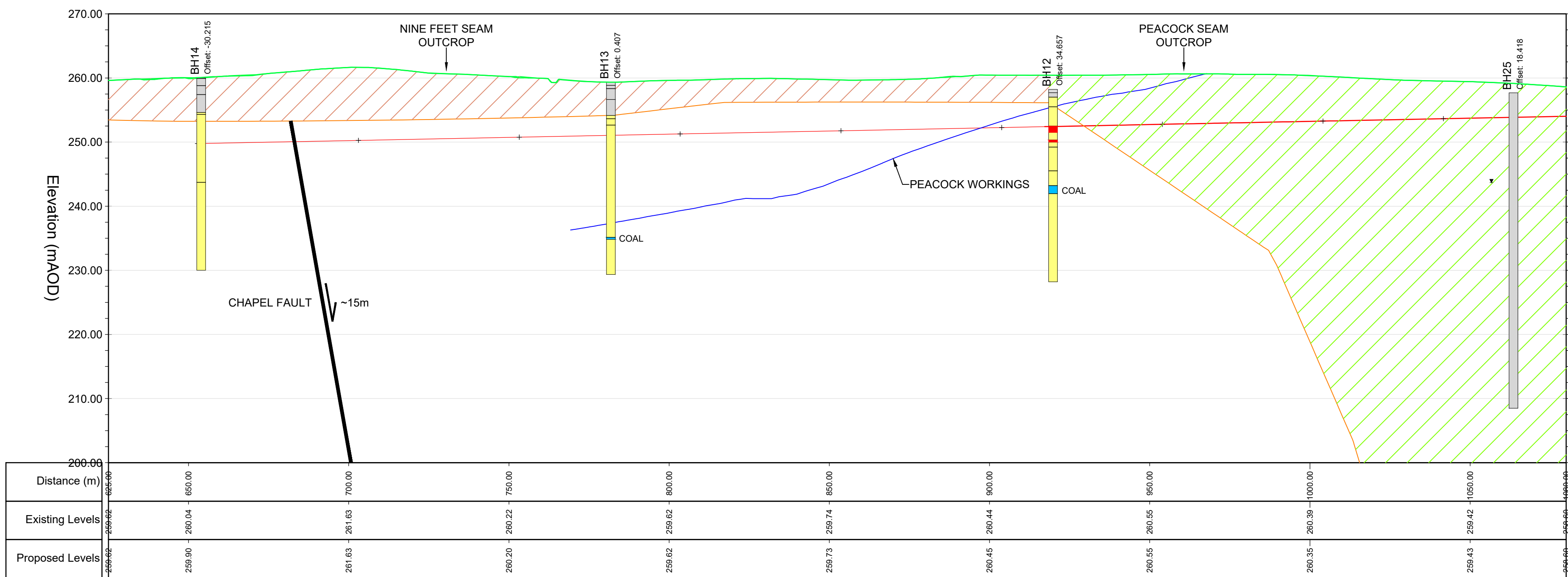
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- EXISTING ROCKHEAD
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- APPROXIMATE BASE OF MINE WORKINGS
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- OVERBURN: MADE GROUND

BOREHOLE LEGEND:

- SUPERFICIAL AND ARTIFICIAL
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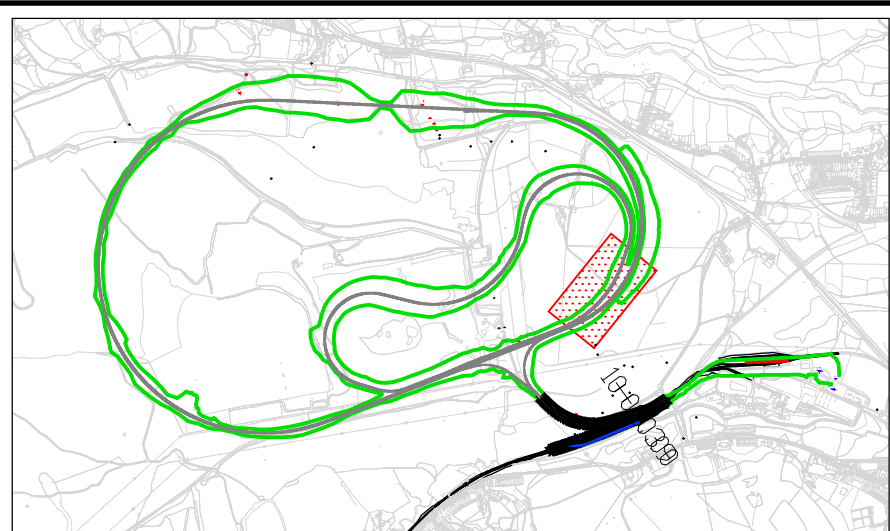
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- CENTRELINE OF LONGITUDINAL SECTION
- GEOLOGICAL FAULT
- COAL SEAM
- SHAFT NOT REQUIRING TREATMENT
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- PRELIMINARY GROUND INVESTIGATION
- COMPLETED ADDITIONAL GROUND INVESTIGATION - STAGE 1



LONGITUDINAL SECTION: INNER LOOP SOUTH
CHAINAGE 0+00 - 10+18.62m
1:1000 HORZ, 1:500 VERT

DO NOT SCALE



KEY PLAN

NOTES

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- THE 'APPROXIMATE BASE OF MINE WORKINGS' SURFACE WAS DERIVED USING ELEVATION ANNOTATIONS ON THE MINE ABANDONMENT PLANS. THESE VALUES ARE APPROXIMATE AND ASSUMED TO REPRESENT THE CURRENT PAVEMENT LEVEL OF THE MINE WORKINGS.
- COAL AND FAULT OUTCROP LOCATIONS ARE FROM THE BGS 1:10K DATA SERIES. FAULT DIP, DIP DIRECTION AND THROW ARE BASED ON PUBLISHED INFORMATION AND ARE APPROXIMATE ONLY.
- SCHEME-SPECIFIC EXPLORATORY HOLE RECORDS WERE CONDUCTED BY QUANTUM GEOTECH IN 2021/22 AND PROVIDED BY ARUP. THE OPEN ACCESS EXPLORATORY HOLE RECORDS WERE FROM THE BGS.
- ADIT LOCATIONS SHOWN ON THE LONG-SECTIONS WERE ESTIMATED FROM MINE ABANDONMENT PLANS AND ARE APPROXIMATELY ONLY. INDICATIVE ADIT ELEVATIONS ARE SHOWN WHERE NO ELEVATION DATA IS PROVIDED.
- AREAS PROPOSED FOR REMEDIATION TO BE REVIEWED AGAINST EXPECTED CHANGES IN EARTHWORKS FOOTPRINT PRIOR TO CONSTRUCTION.
- 0+00m ON LOCAL CHAINAGE SYSTEM RELATES TO CH 1+67m ON ARCADIS TRACK DESIGN MODEL (AUGUST 2022).
- ONLY THE ADITS REQUIRING TREATMENT OR THAT HAVE BEEN INVESTIGATED ARE SHOWN ON THESE PLANS; ALL OTHER ADITS WERE OMITTED FOR DRAWING CLARITY.
- FOR SOP001, SOP002 AND SOP00, ONLY THE PROBE HOLES THAT ENCOUNTERED EVIDENCE FOR MINE WORKINGS ARE SHOWN ON THE LONG SECTION. THE OTHER HOLES WERE OMITTED FOR CLARITY PURPOSES.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following:

CONSTRUCTION

- Collapse of known mine-workings and/or mine entries.
- Collapse of unknown mine-workings and/or mine entries.
- Mine gas may be present within workings.
- Contaminated mine water may be present within workings.
- Ignition of coal seams.

MAINTENANCE/CLEANING

- Prior to each train test a track survey shall be undertaken to assess conditions and confirm any changes in track level.
- Visual inspection of voids and crown holes shall be undertaken in parallel
- Where evidence of voids or other collapse is identified train tests shall be suspended until remediation has been completed.

DECOMMISSIONING/DEMOLITION

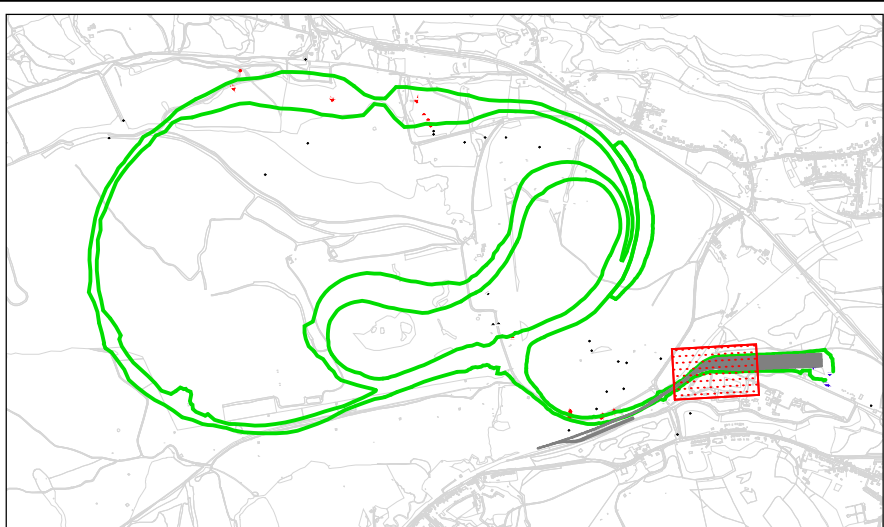
It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement

P01.01 --- PRELIMINARY			
Rev.	Date	Description	By

WALTERS ATKINS	
Client	
GCRE Global Centre of Rail Excellence Canolfan Fyd-Eang Rhagoriaeth Rheilffyrdd	
Project Title	
GLOBAL CENTRE OF RAIL EXCELLENCE	
Drawing Title	
MINING WORKINGS REMEDIATION PLAN AND PROFILE SHEET 6 OF 8	
Scale 1:1000	Drawn ---
Original Size A1	Date --/--
Drawing Number GCRE001-AWJV-EW-XX-DR-GE-04006	Revision P01.01

100
0 10
Millimetres

DO NOT SCALE



KEY PLAN

NOTES

- DRAWINGS TO BE READ IN CONJUNCTION WITH DESIGN INPUT STATEMENT INCLUDED IN THE GEOTECHNICAL DESIGN REPORT, MINE REMEDIATION PLANS (GCRE001-AWJV-00-XX-DR-GE-00021 TO 00028) AND THE SPECIFICATION FOR REMEDIATION OF WORKINGS.
- THE CONTRACTOR SHALL OBTAIN A COAL AUTHORITY PERMIT AND RELEVANT APPROVALS PRIOR TO UNDERTAKING WORKS.
- AN ARCHAEOLOGICAL WATCHING BRIEF WILL BE REQUIRED NEAR THE SCHEDULED MONUMENT AND MAY BE NECESSARY IN OTHER PARTS OF THE SITE.
- ECOLOGICAL APPROVAL SHALL BE OBTAINED FOR ANY VEGETATION CLEARANCE AT SURFACE REQUIRED TO FACILITATE WORKS.
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- FOR SOP001, SOP002 AND SOP003, ONLY THE PROBE HOLES THAT ENCOUNTERED EVIDENCE FOR MINE WORKINGS ARE SHOWN ON THE LONG SECTION. THE OTHER HOLES WERE OMITTED FOR CLARITY PURPOSES. S1-BH106, BH30, TP08 AND TP37 ARE ALSO NOT SHOWN ON THE LONG SECTION FOR CLARITY PURPOSES.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

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CONSTRUCTION

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MAINTENANCE/CLEANING

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DECOMMISSIONING/DEMOLITION

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement

P01.01	---	PRELIMINARY	---	---	---
Rev.	Date	Description	By	Cnk'd	App'd

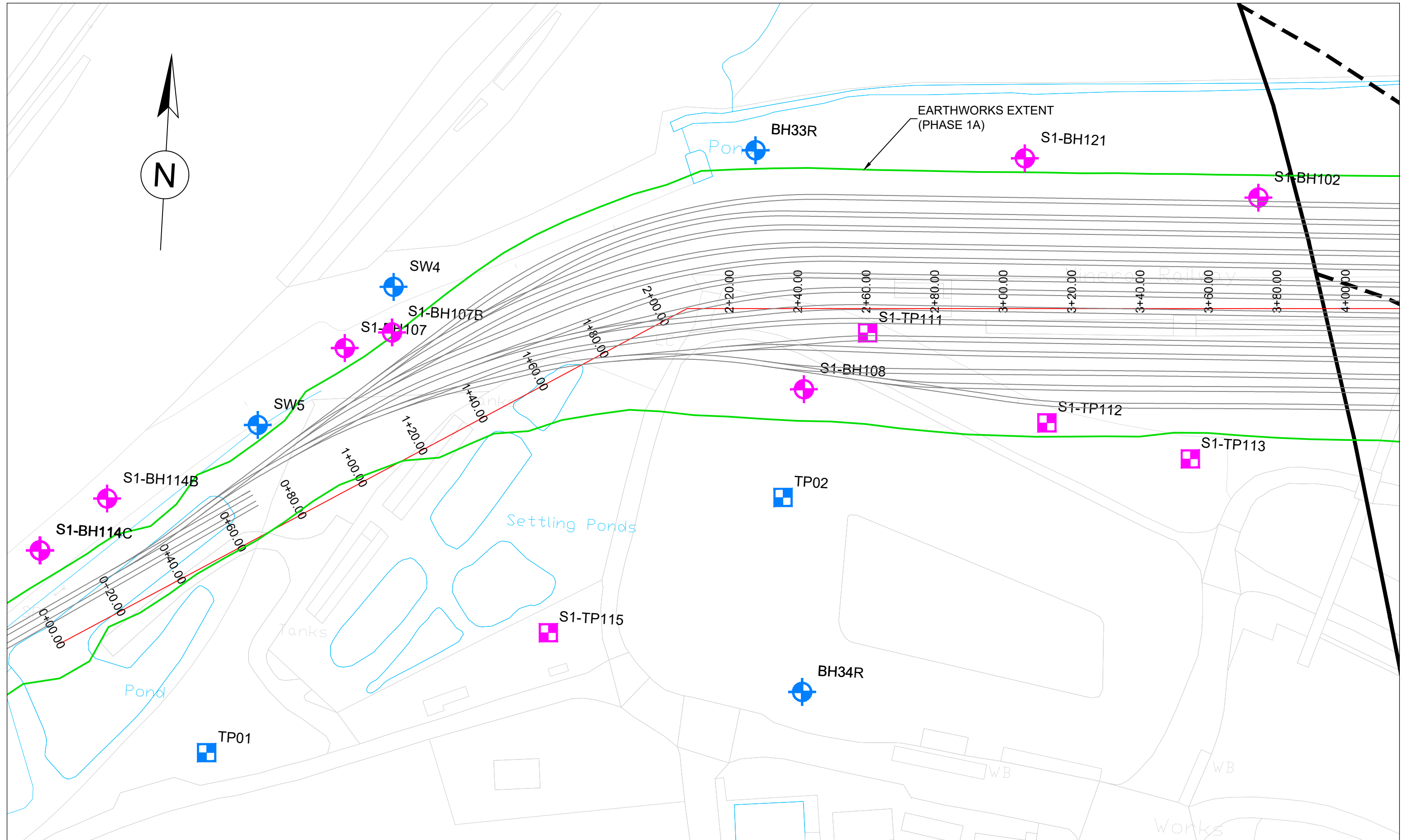
Drawing Status	Suitability
Initial non-contractual code	S0

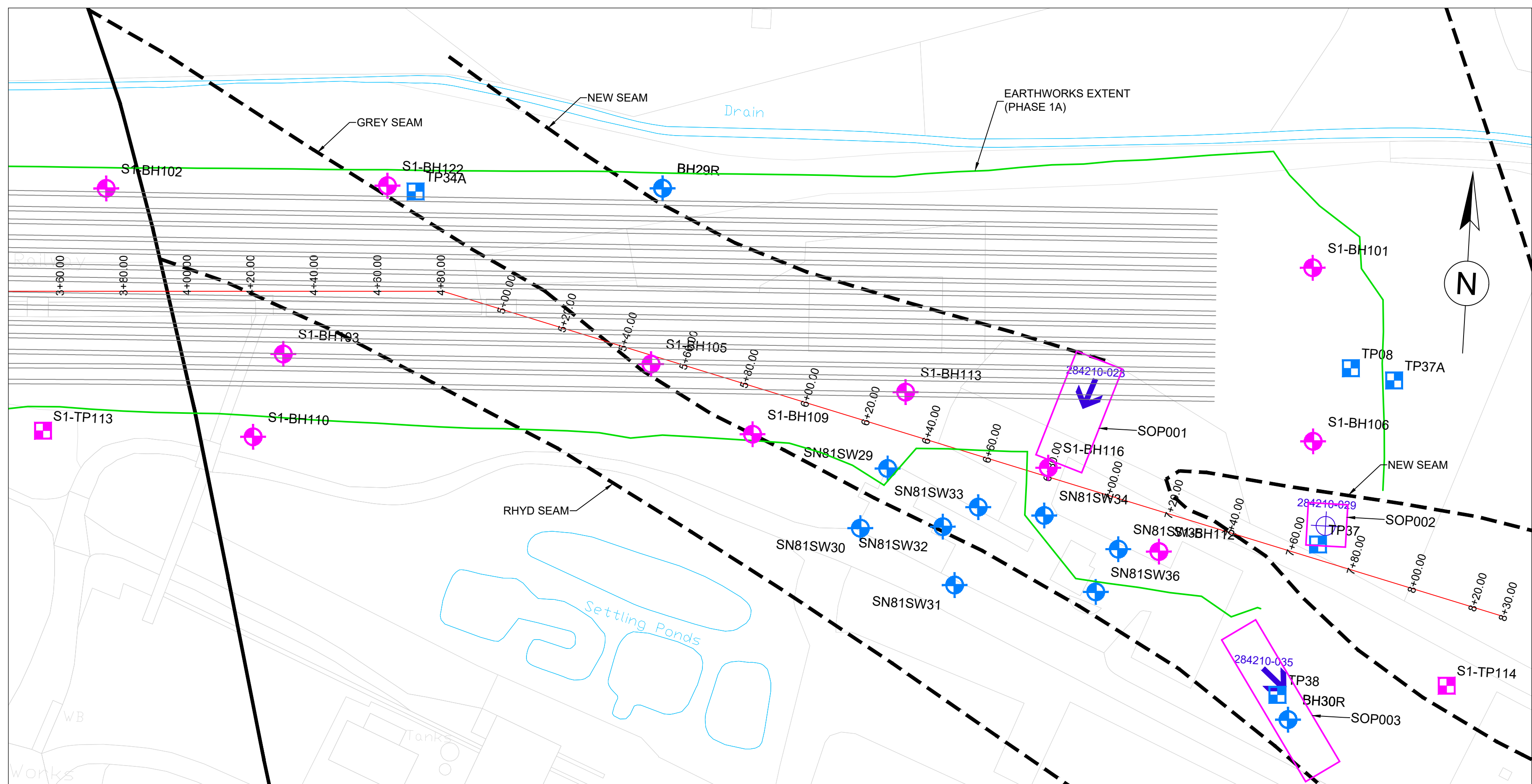
Client
GCRE Global Centre of Rail Excellence Canolfan Fyd-Eang Rhagoriaeth Rheilffyrdd

Project Title
GLOBAL CENTRE OF RAIL EXCELLENCE

Drawing Title
MINING WORKINGS REMEDIATION PLAN AND PROFILE SHEET 7 OF 8

Scale	Drawn	Checked	Approved	Authorised
1:1000	---	---	---	---
Original Size	Date	Date	Date	Date
A1	--/--	---	---	---
Drawing Number	Revision			
GCRE001-AWJV-EW-XX-DR-GE-04007	P01.01			





LEGEND:

	MINE TREATMENT: DRILL AND GROUT		CENTRELINE OF LONGITUDINAL SECTION
	MINE TREATMENT: EXCAVATE AND REPLACE		GEOLOGICAL FAULT
	ADIT PORTAL INVESTIGATED - NO TREATMENT REQUIRED		COAL SEAM
			SHAFT NOT REQUIRING TREATMENT
			SHAFT INVESTIGATED - NO TREATMENT REQUIRED

PRELIMINARY GROUND INVESTIGATION

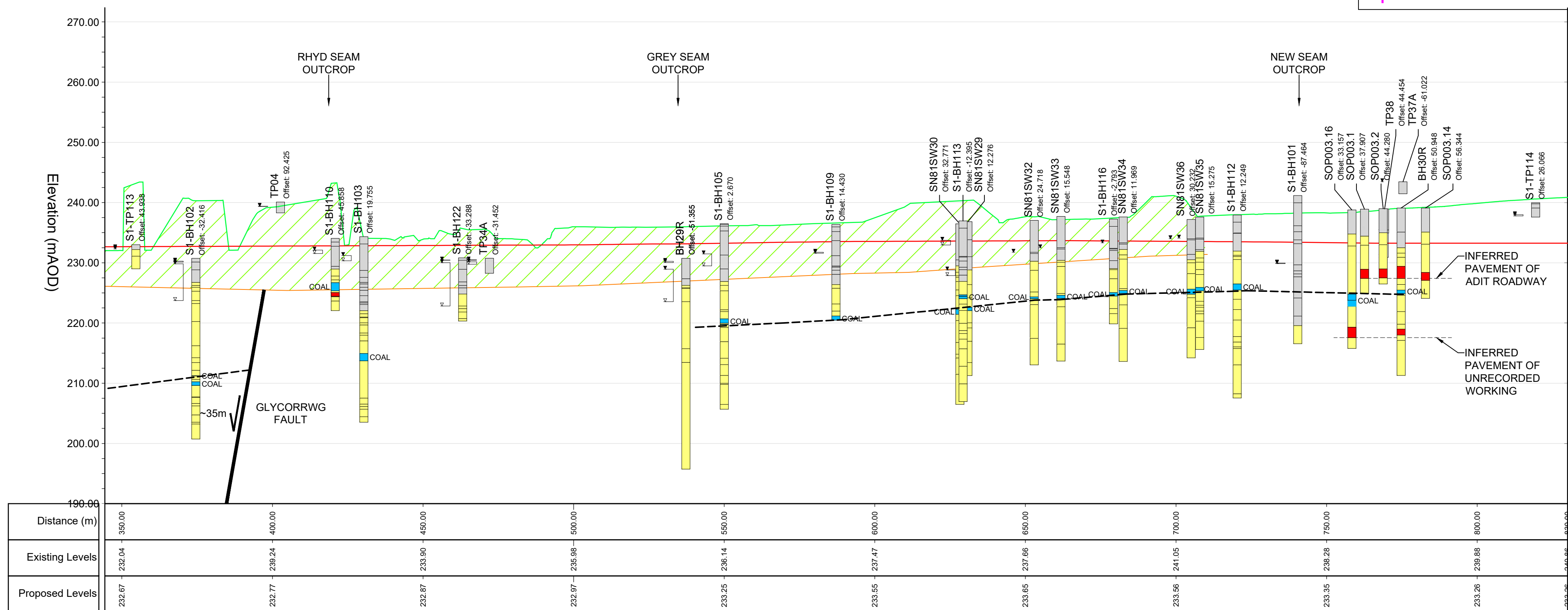
	BOREHOLE		TRIAL PIT
---	----------	---	-----------

COMPLETED ADDITIONAL GROUND INVESTIGATION - STAGE 1

	BOREHOLE		TRIAL PIT
---	----------	---	-----------

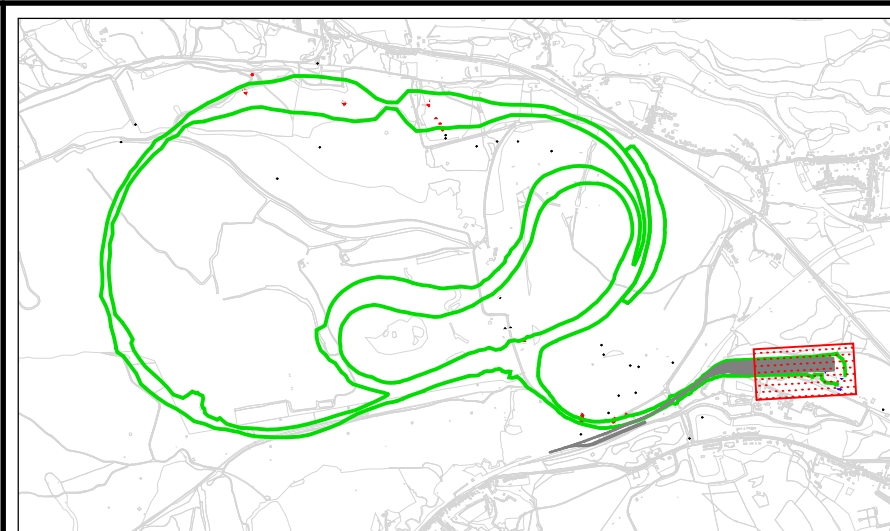
 EXISTING GROUND LEVEL
 EXISTING ROCKHEAD
 PROPOSED EARTHWORKS FORMATION
 APPROXIMATE BASE OF MINE WORKINGS
 OVERBURN: OPENCAST FILL
 OVERBURN: MADE GROUND

 SUPERFICIAL AND ARTIFICIAL
 BEDROCK
 COAL
 NO RECOVERY



10m 0m 10m 20m 30m 40m 50m 60m 70m

Scale 1:1000



NOTES

1. DRAWINGS TO BE READ IN CONJUNCTION WITH DESIGN INPUT STATEMENT INCLUDED IN THE GEOTECHNICAL DESIGN REPORT, MINE REMEDIATION PLANS (GCR001-AMJ-00-XX-DR-GE-00021 TO 00028) AND THE SPECIFICATION FOR WORKINGS TO WORKINGS)
2. CONTRACT DOCUMENTS, INCLUDING THE MINE ABANDONMENT PERMIT AND RELEVANT APPROVALS PRIOR TO UNDERTAKING WORKS.
3. AN ARCHAEOLOGICAL WATCHING BRIEF WILL BE REQUIRED NEAR THE SCHEDULED MONUMENT AND MAY BE NECESSARY IN OTHER PARTS OF THE SITE.
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7. COAL AND FAULT OUTCROP LOCATIONS ARE FROM THE BGS 1:10K DATA SERIES. FAULT DIP, DIP DIRECTION AND THROW ARE BASED ON PUBLISHED INFORMATION AND ARE APPROXIMATE ONLY.
8. SOME SITE-SPECIFIC DATA FROM BOREHOLE RECORDS WERE CONDUCTED BY QUANTUM GEOTECH IN 2011/22 AND PROVIDED BY ARUP. THE OPEN ACCESS EXPLORATORY HOLE RECORDS WERE FROM THE BGS.
9. ADIT LOCATIONS SHOWN ON THE LONG-SECTIONS WERE ESTIMATED FROM MINE ABANDONMENT PLANS AND ARE APPROXIMATELY ONLY. INDICATIVE ADIT ELEVATIONS ARE SHOWN WHERE NO ELEVATION DATA IS AVAILABLE.
10. AREAS PROPOSED FOR REMEDIATION TO BE REVIEWED AGAINST EXPECTED CHANGES IN EARTHWORKS FOOTPRINT PRIOR TO CONSTRUCTION.
11. 0+00m ON LOCAL CHAINAGE SYSTEM RELATES TO CH X+Xm ON ARCADIS LOCAL CHAINAGE SYSTEM AUGUST 2012.
12. ONLY THE ADITS REQUIRING TREATMENT OR THAT HAVE BEEN INVESTIGATED ARE SHOWN ON THESE PLANS; ALL OTHER ADITS WERE OMITTED FOR DRAWING CLARITY.
13. FOR SPO101, SPO202 AND SPO303, ONLY THE PROBE HOLES THAT ENCOUNTERED EVIDENCE FOR MINE WORKINGS ARE SHOWN ON THE LONG SECTIONS. OTHER HOLES NOT ENCOUNTERED FOR CLARITY PURPOSES. S1-BH106, BH30, TP08 AND TP37 ARE ALSO NOT SHOWN ON THE LONG SECTION FOR CLARITY PURPOSES.

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following:

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2. Collapse of unknown mine-workings and/or mine entries.
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4. Contaminated mine water may be present within workings.
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3. Where evidence of voids or other collapse is identified train tests shall be suspended until remediation has been completed.

DECOMMISSIONING/DEMOLITION

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P01.01	---	PRELIMINARY	---	---	---
Rev.	Date	Description	By	Chk'd	App'd
Drawing Status				Suitability	
Initial non-contractual code				S0	

Drawing Status

Initial non-contractual code | S0

Client

Client

GCRE

Global Centre of Rail Excellence
Canolfan Fyd-Eang Rhagoriaeth Rheilffyrdd

Project Title

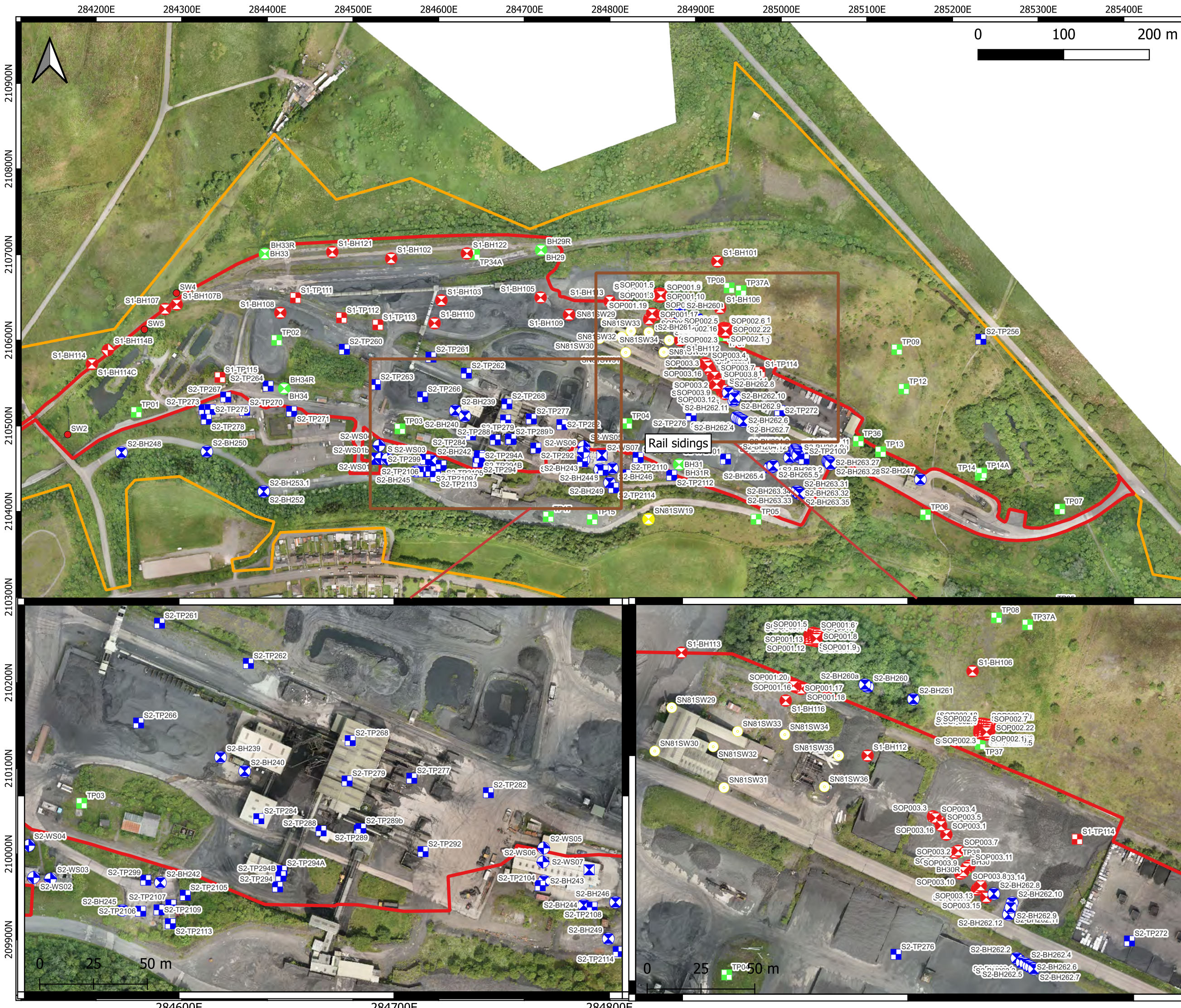
GLOBAL CENTRE OF RAIL EXCELLENCE

Drawing Title

MINING WORKINGS REMEDIATION
PLAN AND PROFILE
SHEET 8 OF 8

Scale 1:1000	Drawn ---	Checked ---	Approved ---	Authorised ---
Original Size A1	Date --/--/--	Date ---	Date ---	Date ---
Drawing Number GCRE001-AWJV-EW-XX-DR-GE-04008				Revision P01.0

GCRC001-AWJV-EW-XX-DR-GE-04008 P01.0



Legend

GI Locations Arup

Machine Excavated Trial Pit

Rotary Borehole

BGS / Existing Boreholes

Borehole

Rotary Core

AtkinsRéalis Stage 1 GI

Rotary Borehole

Surface Water

Windowless/Window Sampled Borehole

Machine Excavated Trial Pit

AtkinsRéalis Stage 2 GI

Windowless/Window Sampled Borehole

Machine Excavated Trial Pit

Rotary Borehole

Site Redline

GCRE Planning Boundary

WALTERS

AtkinsRéalis

CIVIL ENGINEERING • PLANT • DEVELOPMENT

CLIENT

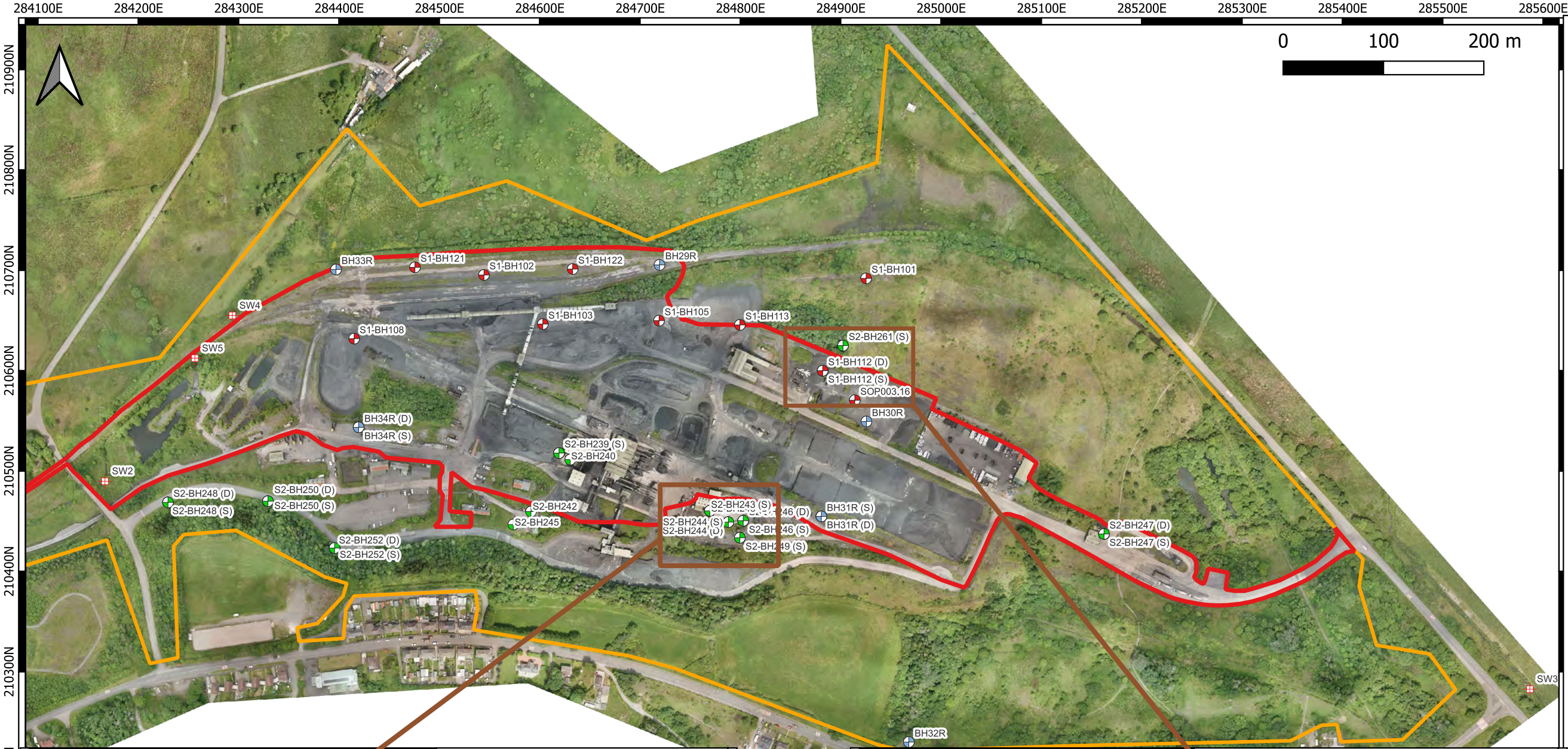
GCRC Ltd

PROJECT

Global Centre for Rail Excellence (GCRC)

TITLE

Site GI Location Plan



- Legend**
- Monitoring Locations**
- Preliminary GI Monitoring Well
 - Stage 1 GI Monitoring Well
 - Stage 2 GI Monitoring Well
 - Surface Water Monitoring Location
- Depot Area**
- Site Boundary**



WALTERS AtkinsRéalis CIVIL ENGINEERING - PLANT - DEVELOPMENT	
CLIENT	GCRE Ltd
PROJECT	Global Centre for Rail Excellence (GCRE)
TITLE	Monitoring Well Location Plan

Appendix B. Groundsure Report

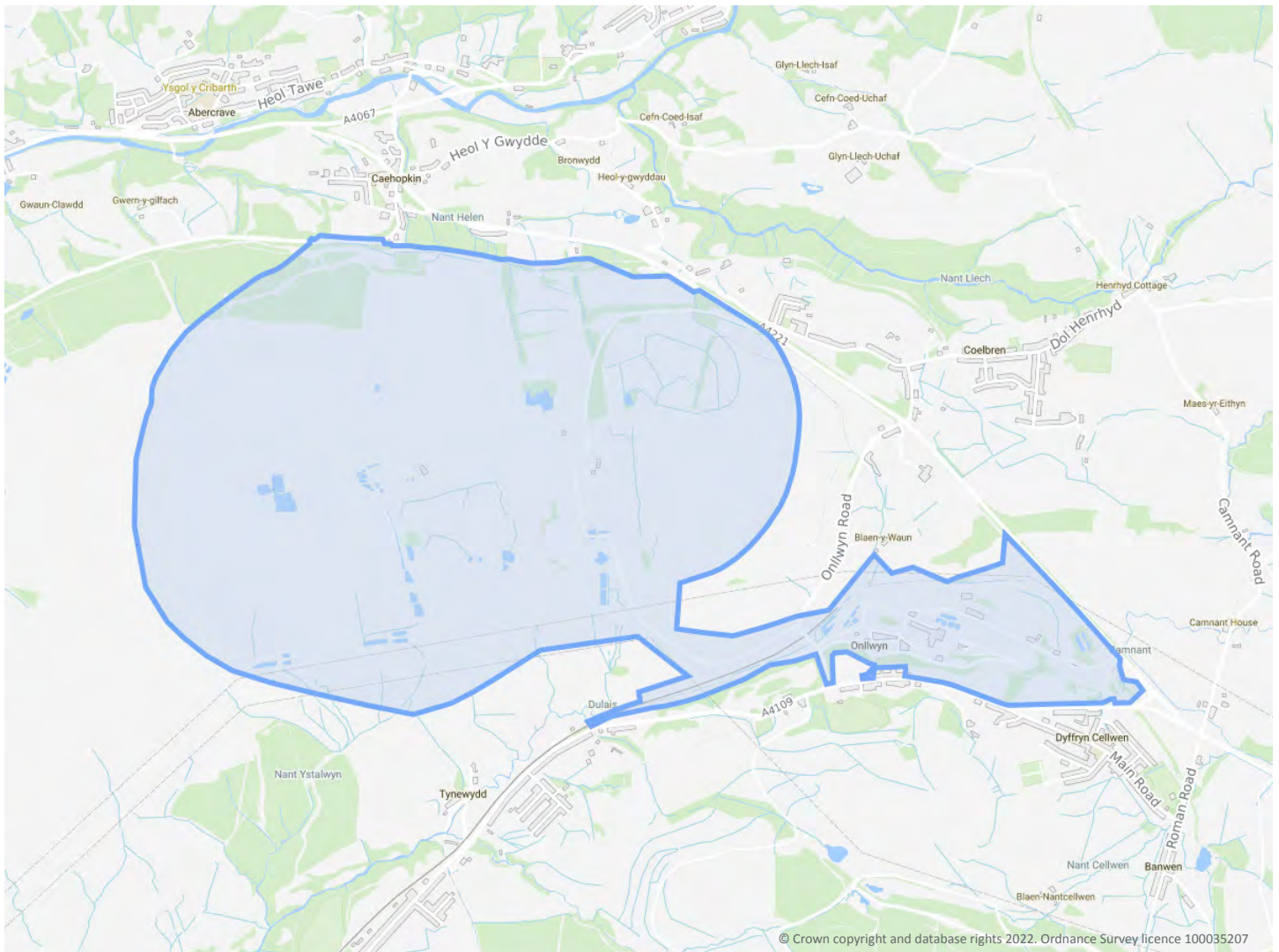
GCRE

Order Details

Date: 12/05/2022
Your ref: GCRE
Our Ref: GSIP-2021-12345-10399
Client: Atkins Global Limited

Site Details

Location: 283423 211029
Area: 475.81 ha
Authority: [Castell-nedd Port Talbot - Neath Port Talbot County Borough](#), [Powys County Council](#)



Summary of findings

p. 2

Aerial image

p. 8

OS MasterMap site plan

N/A: >10ha

groundsure.com/insightuserguide

Contact us with any questions at:

info@groundsure.com

08444 159 000

Summary of findings

Page	Section	Past land use	On site	0-50m	50-250m	250-500m	500-2000m
<u>13</u>	<u>1.1</u>	<u>Historical industrial land uses</u>	695	128	274	265	-
<u>62</u>	<u>1.2</u>	<u>Historical tanks</u>	14	1	1	7	-
<u>63</u>	<u>1.3</u>	<u>Historical energy features</u>	1	2	0	0	-
64	1.4	Historical petrol stations	0	0	0	0	-
64	1.5	Historical garages	0	0	0	0	-
64	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped	On site	0-50m	50-250m	250-500m	500-2000m
<u>65</u>	<u>2.1</u>	<u>Historical industrial land uses</u>	908	164	370	350	-
<u>130</u>	<u>2.2</u>	<u>Historical tanks</u>	20	1	1	12	-
<u>131</u>	<u>2.3</u>	<u>Historical energy features</u>	2	4	0	0	-
132	2.4	Historical petrol stations	0	0	0	0	-
132	2.5	Historical garages	0	0	0	0	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
133	3.1	Active or recent landfill	0	0	0	0	-
133	3.2	Historical landfill (BGS records)	0	0	0	0	-
<u>134</u>	<u>3.3</u>	<u>Historical landfill (LA/mapping records)</u>	0	2	0	7	-
<u>134</u>	<u>3.4</u>	<u>Historical landfill (EA/NRW records)</u>	0	0	0	1	-
<u>135</u>	<u>3.5</u>	<u>Historical waste sites</u>	0	0	1	0	-
135	3.6	Licensed waste sites	0	0	0	0	-
<u>135</u>	<u>3.7</u>	<u>Waste exemptions</u>	0	0	1	32	-
Page	Section	Current industrial land use	On site	0-50m	50-250m	250-500m	500-2000m
<u>139</u>	<u>4.1</u>	<u>Recent industrial land uses</u>	28	9	8	-	-
142	4.2	Current or recent petrol stations	0	0	0	0	-
142	4.3	Electricity cables	0	0	0	0	-
142	4.4	Gas pipelines	0	0	0	0	-
142	4.5	Sites determined as Contaminated Land	0	0	0	0	-



143	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
143	4.7	Regulated explosive sites	0	0	0	0	-
143	4.8	Hazardous substance storage/usage	0	0	0	0	-
143	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
143	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
144	4.11	<u>Licensed pollutant release (Part A(2)/B)</u>	3	0	1	0	-
144	4.12	Radioactive Substance Authorisations	0	0	0	0	-
144	4.13	<u>Licensed Discharges to controlled waters</u>	21	3	16	13	-
151	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
152	4.15	Pollutant release to public sewer	0	0	0	0	-
152	4.16	List 1 Dangerous Substances	0	0	0	0	-
152	4.17	<u>List 2 Dangerous Substances</u>	1	0	0	1	-
152	4.18	<u>Pollution Incidents (EA/NRW)</u>	2	2	4	0	-
153	4.19	Pollution inventory substances	0	0	0	0	-
154	4.20	Pollution inventory waste transfers	0	0	0	0	-
154	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
155	5.1	<u>Superficial aquifer</u>	Identified (within 500m)				
158	5.2	<u>Bedrock aquifer</u>	Identified (within 500m)				
160	5.3	<u>Groundwater vulnerability</u>	Identified (within 50m)				
166	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
166	5.5	Groundwater vulnerability- local information	None (within 0m)				
167	5.6	<u>Groundwater abstractions</u>	0	0	0	0	2
168	5.7	<u>Surface water abstractions</u>	0	0	0	0	16
172	5.8	<u>Potable abstractions</u>	0	0	0	0	1
172	5.9	Source Protection Zones	0	0	0	0	-
173	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
174	6.1	<u>Water Network (OS MasterMap)</u>	180	28	122	-	-



200	6.2	<u>Surface water features</u>	1	18	76	-	-
200	6.3	<u>WFD Surface water body catchments</u>	5	-	-	-	-
201	6.4	<u>WFD Surface water bodies</u>	1	0	0	-	-
202	6.5	<u>WFD Groundwater bodies</u>	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
203	7.1	<u>Risk of flooding from rivers and the sea</u>	High (within 50m)				
204	7.2	Historical Flood Events	0	0	0	-	-
204	7.3	Flood Defences	0	0	0	-	-
204	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
204	7.5	Flood Storage Areas	0	0	0	-	-
205	7.6	<u>Flood Zone 2</u>	Identified (within 50m)				
206	7.7	<u>Flood Zone 3</u>	Identified (within 50m)				
Page	Section	Surface water flooding					
207	8.1	<u>Surface water flooding</u>	1 in 30 year, Greater than 1.0m (within 50m)				
Page	Section	Groundwater flooding					
209	9.1	<u>Groundwater flooding</u>	Low (within 50m)				
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
210	10.1	<u>Sites of Special Scientific Interest (SSSI)</u>	0	1	1	0	4
211	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
211	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
211	10.4	Special Protection Areas (SPA)	0	0	0	0	0
212	10.5	National Nature Reserves (NNR)	0	0	0	0	0
212	10.6	Local Nature Reserves (LNR)	0	0	0	0	0
212	10.7	<u>Designated Ancient Woodland</u>	7	0	5	13	129
218	10.8	Biosphere Reserves	0	0	0	0	0
218	10.9	Forest Parks	0	0	0	0	0
218	10.10	Marine Conservation Zones	0	0	0	0	0
218	10.11	Green Belt	0	0	0	0	0
219	10.12	Proposed Ramsar sites	0	0	0	0	0



219	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
219	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
219	10.15	Nitrate Sensitive Areas	0	0	0	0	0
220	10.16	Nitrate Vulnerable Zones	0	0	0	0	0
221	10.17	SSSI Impact Risk Zones	0	-	-	-	-
221	10.18	SSSI Units	0	0	0	0	0
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
222	11.1	World Heritage Sites	0	0	0	-	-
223	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
<u>223</u>	<u>11.3</u>	<u>National Parks</u>	0	0	1	-	-
223	11.4	Listed Buildings	0	0	0	-	-
224	11.5	Conservation Areas	0	0	0	-	-
<u>224</u>	<u>11.6</u>	<u>Scheduled Ancient Monuments</u>	1	0	1	-	-
224	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
<u>225</u>	<u>12.1</u>	<u>Agricultural Land Classification</u>	Grade 5 (within 250m)				
<u>227</u>	<u>12.2</u>	<u>Open Access Land</u>	5	1	2	-	-
227	12.3	Tree Felling Licences	0	0	0	-	-
227	12.4	Environmental Stewardship Schemes	0	0	0	-	-
228	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
229	13.1	Priority Habitat Inventory	0	0	0	-	-
229	13.2	Habitat Networks	0	0	0	-	-
229	13.3	Open Mosaic Habitat	0	0	0	-	-
229	13.4	Limestone Pavement Orders	0	0	0	-	-
Page	Section	Geology 1:10,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
<u>230</u>	<u>14.1</u>	<u>10k Availability</u>	Identified (within 500m)				
<u>231</u>	<u>14.2</u>	<u>Artificial and made ground (10k)</u>	48	7	25	22	-
<u>236</u>	<u>14.3</u>	<u>Superficial geology (10k)</u>	8	3	9	4	-

237	14.4	Landslip (10k)	0	0	0	0	-
239	14.5	<u>Bedrock geology (10k)</u>	9	0	4	5	-
241	14.6	<u>Bedrock faults and other linear features (10k)</u>	109	13	41	58	-
Page	Section	Geology 1:50,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
250	15.1	<u>50k Availability</u>	Identified (within 500m)				
251	15.2	<u>Artificial and made ground (50k)</u>	13	2	5	4	-
252	15.3	<u>Artificial ground permeability (50k)</u>	9	1	-	-	-
254	15.4	<u>Superficial geology (50k)</u>	8	1	5	2	-
255	15.5	<u>Superficial permeability (50k)</u>	Identified (within 50m)				
256	15.6	Landslip (50k)	0	0	0	0	-
256	15.7	Landslip permeability (50k)	None (within 50m)				
257	15.8	<u>Bedrock geology (50k)</u>	7	0	2	4	-
258	15.9	<u>Bedrock permeability (50k)</u>	Identified (within 50m)				
259	15.10	<u>Bedrock faults and other linear features (50k)</u>	53	2	16	19	-
Page	Section	Boreholes	On site	0-50m	50-250m	250-500m	500-2000m
263	16.1	<u>BGS Boreholes</u>	21	8	15	-	-
Page	Section	Natural ground subsidence					
266	17.1	<u>Shrink swell clays</u>	Very low (within 50m)				
267	17.2	<u>Running sands</u>	Low (within 50m)				
269	17.3	<u>Compressible deposits</u>	High (within 50m)				
271	17.4	<u>Collapsible deposits</u>	Very low (within 50m)				
272	17.5	<u>Landslides</u>	Moderate (within 50m)				
274	17.6	<u>Ground dissolution of soluble rocks</u>	Negligible (within 50m)				
Page	Section	Mining, ground workings and natural cavities	On site	0-50m	50-250m	250-500m	500-2000m
276	18.1	Natural cavities	0	0	0	0	-
277	18.2	<u>BritPits</u>	50	8	32	21	-
298	18.3	<u>Surface ground workings</u>	794	167	343	-	-
345	18.4	<u>Underground workings</u>	76	17	38	28	77
354	18.5	Historical Mineral Planning Areas	0	0	0	0	-



354	18.6	<u>Non-coal mining</u>	2	0	1	0	1
355	18.7	Mining cavities	0	0	0	0	0
355	18.8	JPB mining areas	None (within 0m)				
355	18.9	<u>Coal mining</u>	Identified (within 0m)				
356	18.10	Brine areas	None (within 0m)				
356	18.11	Gypsum areas	None (within 0m)				
356	18.12	Tin mining	None (within 0m)				
356	18.13	Clay mining	None (within 0m)				
Page	Section	Radon					
357	19.1	<u>Radon</u>	Between 1% and 3% (within 0m)				
Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m
359	20.1	<u>BGS Estimated Background Soil Chemistry</u>	128	14	-	-	-
367	20.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
367	20.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects	On site	0-50m	50-250m	250-500m	500-2000m
368	21.1	Underground railways (London)	0	0	0	-	-
368	21.2	Underground railways (Non-London)	0	0	0	-	-
369	21.3	Railway tunnels	0	0	0	-	-
369	21.4	<u>Historical railway and tunnel features</u>	36	7	11	-	-
371	21.5	Royal Mail tunnels	0	0	0	-	-
371	21.6	<u>Historical railways</u>	9	0	2	-	-
372	21.7	<u>Railways</u>	16	0	2	-	-
373	21.8	Crossrail 1	0	0	0	0	-
373	21.9	Crossrail 2	0	0	0	0	-
373	21.10	HS2	0	0	0	0	-



Recent aerial photograph



Capture Date: 14/04/2020

Site Area: 475.81ha



Recent site history - 2017 aerial photograph



Capture Date: 17/06/2017

Site Area: 475.81ha



Contact us with any questions at:

info@groundsure.com

08444 159 000

Date: 12 May 2022

Recent site history - 2013 aerial photograph



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Capture Date: 14/07/2013

Site Area: 475.81ha



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info@groundsure.com

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Date: 12 May 2022

Recent site history - 2009 aerial photograph



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Capture Date: 13/09/2009

Site Area: 475.81ha



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Date: 12 May 2022

Recent site history - 2001 aerial photograph



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Capture Date: 27/08/2001

Site Area: 475.81ha



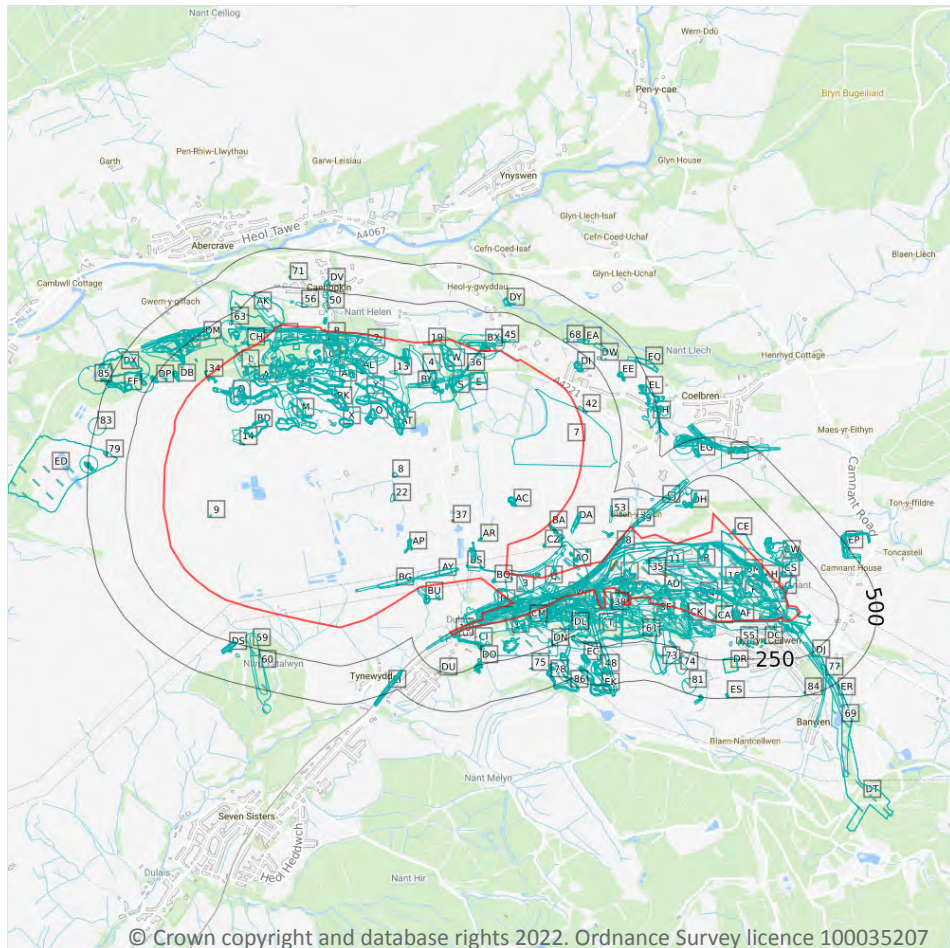
Contact us with any questions at:

info@groundsure.com

08444 159 000

Date: 12 May 2022

1 Past land use



- Site Outline
- Search buffers in metres (m)
- Historical industrial land uses
- Historical tanks
- Historical energy features

1.1 Historical industrial land uses

Records within 500m

1362

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 1:10,560 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 13**

ID	Location	Land use	Dates present	Group ID
1	On site	Railway Buildings	1965	251560



ID	Location	Land use	Dates present	Group ID
2	On site	Railway Buildings	1965	251561
3	On site	Unspecified Disused Level	1987	251311
4	On site	Tramway Sidings	1903	256934
5	On site	Tramway Sidings	1903	256935
6	On site	Unspecified Level	1903	264333
7	On site	Unspecified Disused Workings	1987	261694
8	On site	Unspecified Old Quarries	1877	262253
9	On site	Unspecified Old Quarry	1877	263445
10	On site	Old Coal Level	1903	264551
11	On site	Mineral Railway Sidings	1987	265980
12	On site	Unspecified Ground Workings	1877	267030
13	On site	Unspecified Ground Workings	1903	267108
14	On site	Unspecified Pit	1877	267953
15	On site	Unspecified Pit	1903	268288
16	On site	Unspecified Pit	1962	268355
17	On site	Cuttings	1877	268983
18	On site	Cuttings	1877	268990
19	On site	Cuttings	1877	268994
20	On site	Cuttings	1877	268996
21	On site	Refuse Heap	1948	271161
22	On site	Refuse Heap	1903	271162
23	On site	Refuse Heap	1948	271164
24	On site	Unspecified Ground Workings	1965	274489
25	On site	Unspecified Ground Workings	1921	278352
26	On site	Unspecified Heap	1921	287824
27	On site	Unspecified Ground Workings	1921	295774
28	On site	Cuttings	1921	297179
29	On site	Tramway Sidings	1914 - 1921	301828



ID	Location	Land use	Dates present	Group ID
30	On site	Unspecified Heap	1921	303114
31	On site	Refuse Heap	1948	305470
32	On site	Unspecified Ground Workings	1962	305706
33	On site	Cuttings	1877	315225
34	On site	Unspecified Ground Workings	1921	317519
35	On site	Unspecified Works	1965 - 1987	317504
36	On site	Tramway Sidings	1914 - 1921	318039
A	On site	Unspecified Ground Workings	1921 - 1965	280412
A	On site	Colliery	1948	281968
A	On site	Unspecified Pit	1921	297830
A	On site	Unspecified Ground Workings	1876 - 1877	311442
A	On site	Unspecified Pit	1921	312007
A	On site	Unspecified Pit	1921	312983
B	On site	Railway Buildings	1965	251559
B	On site	Coal Drift	1877	253546
B	On site	Railway Building	1965	256583
B	On site	Railway Building	1965	256584
B	On site	Railway Building	1921	256585
B	On site	Railway Building	1965	256586
B	On site	Unspecified Heaps	1965	255301
B	On site	Unspecified Mine	1965	255761
B	On site	Unspecified Drift	1921	258725
B	On site	Unspecified Drift	1903	258727
B	On site	Unspecified Drift	1921	258728
B	On site	Sewage and Water Purification Works	1921	258758
B	On site	Unspecified Heap	1948	259894
B	On site	Old Coal Level	1877	264549
B	On site	Unspecified Ground Workings	1921	267102



ID	Location	Land use	Dates present	Group ID
B	On site	Unspecified Ground Workings	1877	267106
B	On site	Unspecified Old Levels	1903	269419
B	On site	Unspecified Old Levels	1903	269428
B	On site	Railway Station	1921 - 1948	275282
B	On site	Unspecified Heap	1914	276784
B	On site	Colliery	1877	277724
B	On site	Railway Sidings	1877 - 1903	278259
B	On site	Unspecified Heap	1921	282449
B	On site	Engine House	1914 - 1921	283264
B	On site	Unspecified Ground Workings	1921	283840
B	On site	Unspecified Heap	1921	284220
B	On site	Railway Sidings	1948	287595
B	On site	Unspecified Heap	1921	288349
B	On site	Unspecified Old Level	1914 - 1921	288583
B	On site	Colliery	1921	288977
B	On site	Colliery	1948	289250
B	On site	Unspecified Ground Workings	1948	289588
B	On site	Engine House	1948	291088
B	On site	Unspecified Drift	1914	292850
B	On site	Railway Station	1921	293177
B	On site	Unspecified Drift	1948	293954
B	On site	Unspecified Heap	1921	294196
B	On site	Colliery	1903	294665
B	On site	Unspecified Heap	1965	294749
B	On site	Unspecified Drift	1921	295080
B	On site	Unspecified Heap	1948	295852
B	On site	Unspecified Heap	1921	296005
B	On site	Engine House	1903	297263



ID	Location	Land use	Dates present	Group ID
B	On site	Unspecified Drift	1903	297956
B	On site	Railway Sidings	1921	298879
B	On site	Unspecified Ground Workings	1914 - 1921	299613
B	On site	Railway Station	1965	299847
B	On site	Refuse Heap	1921	300457
B	On site	Railway Sidings	1965	300881
B	On site	Unspecified Heap	1921	302454
B	On site	Purification Works	1948	302835
B	On site	Purification Works	1903	304257
B	On site	Unspecified Drift	1921	305309
B	On site	Railway Station	1914	311073
B	On site	Unspecified Heap	1914	312106
B	On site	Unspecified Drift	1948	312460
B	On site	Engine House	1921	312911
B	On site	Refuse Heap	1921	316314
B	On site	Railway Station	1903	316456
B	On site	Colliery	1914 - 1921	317552
B	On site	Unspecified Drift	1914	317900
B	On site	Railway Sidings	1914 - 1921	318192
B	On site	Unspecified Ground Workings	1914	318415
C	On site	Unspecified Disused Levels	1965	250809
C	On site	Unspecified Disused Levels	1965	250808
C	On site	Unspecified Disused Levels	1965	250806
C	On site	Unspecified Disused Levels	1965	250807
C	On site	Unspecified Disused Level	1965	251290
C	On site	Unspecified Heaps	1914	255302
C	On site	Unspecified Heaps	1877	255305
C	On site	Unspecified Heap	1965	259891



ID	Location	Land use	Dates present	Group ID
C	On site	Unspecified Heap	1903	259892
C	On site	Unspecified Heap	1903	259893
C	On site	Unspecified Heap	1903	259921
C	On site	Unspecified Heap	1948	259923
C	On site	Unspecified Old Drift	1877	261411
C	On site	Unspecified Old Quarries	1877	262254
C	On site	Unspecified Old Quarry	1877	263439
C	On site	Coal Levels	1877	263571
C	On site	Coal Levels	1877	263573
C	On site	Old Coal Level	1877	264544
C	On site	Old Coal Level	1877	264545
C	On site	Unspecified Old Level	1914	264808
C	On site	Unspecified Old Level	1914	264809
C	On site	Unspecified Old Level	1914	264811
C	On site	Unspecified Ground Workings	1921	267104
C	On site	Unspecified Ground Workings	1921	267105
C	On site	Unspecified Pit	1903	268287
C	On site	Unspecified Heap	1903	273456
C	On site	Unspecified Old Levels	1921 - 1948	271574
C	On site	Unspecified Heaps	1921	271919
C	On site	Unspecified Old Level	1903	272571
C	On site	Unspecified Ground Workings	1965	273982
C	On site	Unspecified Heap	1948	274170
C	On site	Unspecified Ground Workings	1921	274558
C	On site	Unspecified Ground Workings	1965	274960
C	On site	Unspecified Heap	1903	276402
C	On site	Unspecified Heap	1903	276926
C	On site	Unspecified Pit	1914 - 1921	277505



ID	Location	Land use	Dates present	Group ID
C	On site	Unspecified Ground Workings	1914	277686
C	On site	Unspecified Ground Workings	1921	278068
C	On site	Unspecified Heap	1965	278150
C	On site	Unspecified Old Levels	1948	278429
C	On site	Unspecified Ground Workings	1965	279789
C	On site	Unspecified Ground Workings	1921	279804
C	On site	Unspecified Ground Workings	1921	280525
C	On site	Unspecified Ground Workings	1914	281747
C	On site	Unspecified Old Levels	1921	282905
C	On site	Unspecified Ground Workings	1914	283580
C	On site	Unspecified Heaps	1965	283614
C	On site	Unspecified Old Levels	1921	284423
C	On site	Unspecified Pit	1877	284706
C	On site	Unspecified Old Levels	1921	286371
C	On site	Unspecified Heaps	1921	286527
C	On site	Unspecified Old Level	1948	288235
C	On site	Unspecified Ground Workings	1921	289215
C	On site	Unspecified Pit	1948	289583
C	On site	Unspecified Old Levels	1921	290326
C	On site	Unspecified Heap	1903	290499
C	On site	Unspecified Ground Workings	1965	290984
C	On site	Unspecified Heap	1948 - 1965	291000
C	On site	Unspecified Ground Workings	1948	291181
C	On site	Unspecified Old Levels	1921	291348
C	On site	Unspecified Pit	1965	291762
C	On site	Unspecified Pit	1903	292592
C	On site	Unspecified Old Levels	1921	294210
C	On site	Unspecified Old Level	1914 - 1921	295112

ID	Location	Land use	Dates present	Group ID
C	On site	Unspecified Old Level	1921	297346
C	On site	Unspecified Ground Workings	1921	299054
C	On site	Unspecified Ground Workings	1965	299147
C	On site	Unspecified Heap	1965	299990
C	On site	Unspecified Ground Workings	1948 - 1965	301690
C	On site	Unspecified Heap	1921	301918
C	On site	Unspecified Pit	1965	302794
C	On site	Unspecified Ground Workings	1921	302877
C	On site	Unspecified Heaps	1877 - 1903	302954
C	On site	Unspecified Ground Workings	1921	303265
C	On site	Unspecified Ground Workings	1914 - 1921	303672
C	On site	Unspecified Heaps	1877	305874
C	On site	Unspecified Ground Workings	1903	307573
C	On site	Unspecified Pit	1903	308437
C	On site	Unspecified Pit	1948	310005
C	On site	Unspecified Ground Workings	1948	310312
C	On site	Unspecified Pit	1903	310961
C	On site	Unspecified Ground Workings	1914	311076
C	On site	Unspecified Heaps	1965	311138
C	On site	Unspecified Heap	1921	312010
C	On site	Unspecified Heaps	1903	312285
C	On site	Unspecified Heaps	1877	312698
C	On site	Unspecified Heap	1921	313231
C	On site	Unspecified Ground Workings	1921	313614
C	On site	Unspecified Ground Workings	1948	313739
C	On site	Unspecified Ground Workings	1921	313985
C	On site	Unspecified Pit	1921	315696
C	On site	Unspecified Ground Workings	1948	316833



ID	Location	Land use	Dates present	Group ID
C	On site	Unspecified Heap	1877	318140
D	On site	Unspecified Disused Levels	1965	250800
D	On site	Unspecified Heap	1877	259911
D	On site	Unspecified Heap	1903	259914
D	On site	Unspecified Old Quarry	1877	263443
D	On site	Old Coal Level	1877	264547
D	On site	Old Coal Level	1877	264548
D	On site	Unspecified Pit	1877	267954
D	On site	Unspecified Pit	1877	267955
D	On site	Unspecified Old Levels	1903	269429
D	On site	Unspecified Old Levels	1903	269430
D	On site	Old Coal Levels	1921	278263
D	On site	Old Coal Levels	1948	281680
D	On site	Old Coal Levels	1921	283343
D	On site	Old Coal Levels	1914	290717
D	On site	Unspecified Ground Workings	1903 - 1914	297387
D	On site	Old Coal Levels	1921	300929
D	On site	Unspecified Ground Workings	1965	307068
D	On site	Unspecified Ground Workings	1948 - 1965	308144
D	On site	Unspecified Ground Workings	1921	309146
D	On site	Old Coal Levels	1921	318063
E	On site	Coal Trial Shaft	1921	250866
E	On site	Trial Shaft	1914	255659
E	On site	Coal Shaft	1948	261648
E	On site	Coal Trial Shaft	1921	286977
F	On site	Railway Buildings	1965	251551
F	On site	Unspecified Tank	1921	252733
F	On site	Railway Building	1948	256593



ID	Location	Land use	Dates present	Group ID
F	On site	Railway Building	1965	256594
F	On site	Cuttings	1876	268984
F	On site	Railway Sidings	1903	271440
F	On site	Railway Sidings	1901	271441
F	On site	Railway Buildings	1965	271758
F	On site	Railway Station	1921	274082
F	On site	Railway Sidings	1921	274237
F	On site	Colliery	1901 - 1903	274631
F	On site	Railway Station	1903	275269
F	On site	Smithy	1876 - 1877	279455
F	On site	Railway Buildings	1948	279604
F	On site	Railway Sidings	1921	287512
F	On site	Railway Buildings	1921 - 1948	288126
F	On site	Unspecified Drift	1948	293059
F	On site	Railway Buildings	1965	295634
F	On site	Railway Building	1921 - 1948	295832
F	On site	Railway Station	1965	297788
F	On site	Railway Sidings	1877	302977
F	On site	Railway Station	1921 - 1948	304645
F	On site	Railway Station	1877	307442
F	On site	Railway Station	1901	310660
F	On site	Unspecified Tank	1914 - 1921	314244
F	On site	Railway Sidings	1914 - 1921	315739
F	On site	Railway Station	1914	317650
F	On site	Railway Station	1921	317651
G	On site	Unspecified Disused Level	1962	251313
G	On site	Unspecified Heap	1877	259992
G	On site	Unspecified Heap	1877	259993



ID	Location	Land use	Dates present	Group ID
G	On site	Old Coal Level	1948	264563
G	On site	Unspecified Ground Workings	1921	272564
G	On site	Unspecified Ground Workings	1921	283393
G	On site	Unspecified Ground Workings	1876	284949
G	On site	Unspecified Ground Workings	1921	296041
G	On site	Unspecified Ground Workings	1962	314240
H	On site	Unspecified Disused Level	1965	251336
H	On site	Engine House	1921	252910
H	On site	Engine House	1921	252911
H	On site	Unspecified Disused Shaft	1987	269303
H	On site	Railway Sidings	1921	276448
H	On site	Engine House	1914 - 1921	280030
H	On site	Refuse Heap	1914	284384
H	On site	Colliery	1921	287940
H	On site	Refuse Heap	1914	311944
I	On site	Railway Buildings	1987	251569
I	On site	Railway Building	1921	256592
I	On site	Unspecified Tank	1876	252732
I	On site	Brick Works	1948	255794
I	On site	Unspecified Tanks	1987	261363
I	On site	Refuse Heap	1965	271160
I	On site	Unspecified Ground Workings	1901	271415
I	On site	Unspecified Ground Workings	1877	271420
I	On site	Unspecified Ground Workings	1921	272383
I	On site	Unspecified Ground Workings	1948	273443
I	On site	Refuse Heap	1965 - 1987	273792
I	On site	Railway Sidings	1921	276459
I	On site	Unspecified Ground Workings	1921	281061



ID	Location	Land use	Dates present	Group ID
I	On site	Railway Sidings	1948	281321
I	On site	Railway Building	1921	281758
I	On site	Unspecified Ground Workings	1903	285822
I	On site	Unspecified Ground Workings	1921	286300
I	On site	Unspecified Ground Workings	1914	286301
I	On site	Unspecified Works	1965	287435
I	On site	Unspecified Heap	1901	290823
I	On site	Railway Building	1921	296919
I	On site	Unspecified Ground Workings	1921	299415
I	On site	Unspecified Ground Workings	1900	299806
I	On site	Unspecified Ground Workings	1876 - 1877	307566
I	On site	Unspecified Ground Workings	1901	307692
I	On site	Railway Sidings	1921	312661
I	On site	Railway Building	1965 - 1987	315393
J	On site	Engine House	1921	252908
J	On site	Engine House	1948	252909
J	On site	Refuse Heap	1965	271172
J	On site	Unspecified Old Level	1921	289565
J	On site	Colliery	1921 - 1948	290348
J	On site	Colliery	1914	293682
J	On site	Engine House	1914 - 1921	299972
J	On site	Colliery	1903	302057
K	On site	Old Coal Pit	1903	254229
K	On site	Old Coal Level	1900	264559
K	On site	Old Coal Level	1903	264562
K	On site	Refuse Heap	1977	271213
K	On site	Unspecified Pit	1877	280736
K	On site	Unspecified Ground Workings	1962	275962



ID	Location	Land use	Dates present	Group ID
K	On site	Unspecified Ground Workings	1921	278369
K	On site	Unspecified Ground Workings	1921	279812
K	On site	Unspecified Pit	1948	286251
K	On site	Unspecified Ground Workings	1948	300839
K	On site	Unspecified Ground Workings	1962	303639
K	On site	Old Coal Level	1921	305435
K	On site	Old Coal Level	1921	308137
K	On site	Unspecified Pit	1877	317882
L	On site	Unspecified Heaps	1877	255304
L	On site	Unspecified Ground Workings	1914	282544
L	On site	Unspecified Ground Workings	1921	286986
L	On site	Unspecified Heap	1965	288308
L	On site	Unspecified Heap	1948	293914
L	On site	Unspecified Pit	1948	297436
L	On site	Unspecified Heap	1903	298739
L	On site	Unspecified Pit	1903	312047
L	On site	Unspecified Ground Workings	1921	313560
M	On site	Unspecified Heaps	1965	255307
M	On site	Coal Level	1877	270730
M	On site	Unspecified Ground Workings	1921	274136
M	On site	Unspecified Ground Workings	1914 - 1948	289690
M	On site	Unspecified Ground Workings	1903	315421
N	On site	Unspecified Heaps	1965	255308
N	On site	Unspecified Old Quarry	1877	263444
N	On site	Unspecified Ground Workings	1903	272211
N	On site	Unspecified Ground Workings	1948	275937
N	On site	Unspecified Ground Workings	1921	276604
N	On site	Unspecified Ground Workings	1921	277054



ID	Location	Land use	Dates present	Group ID
N	On site	Unspecified Ground Workings	1914	308692
O	On site	Unspecified Heaps	1965	255309
O	On site	Unspecified Old Quarry	1877	263440
O	On site	Unspecified Ground Workings	1948	275888
O	On site	Unspecified Heap	1903	277864
O	On site	Unspecified Ground Workings	1914	288708
O	On site	Unspecified Pit	1903	289231
O	On site	Unspecified Ground Workings	1921	290258
O	On site	Unspecified Pit	1948	291826
O	On site	Unspecified Ground Workings	1921	295692
O	On site	Unspecified Heap	1948	302285
O	On site	Unspecified Ground Workings	1903	303975
P	On site	Unspecified Heaps	1948	255313
P	On site	Unspecified Heap	1877	259996
P	On site	Refuse Heap	1977	271212
P	On site	Unspecified Heap	1903	277534
P	On site	Unspecified Ground Workings	1877	281133
P	On site	Unspecified Ground Workings	1876	287868
P	On site	Unspecified Heap	1900 - 1903	288102
P	On site	Unspecified Ground Workings	1900 - 1921	291709
P	On site	Unspecified Ground Workings	1948	300418
P	On site	Unspecified Ground Workings	1921	307231
P	On site	Railway Sidings	1977	307344
P	On site	Unspecified Ground Workings	1877	316358
P	On site	Unspecified Heap	1877	317835
Q	On site	Disused Colliery	1948	255690
Q	On site	Colliery	1903	280747
R	On site	Opencast Workings	1987	255716



ID	Location	Land use	Dates present	Group ID
R	On site	Refuse Heap	1965	290444
S	On site	Unspecified Disused Drift	1987	255783
S	On site	Unspecified Heap	1877	259924
S	On site	Unspecified Heap	1921	259925
S	On site	Unspecified Heap	1965	259926
S	On site	Unspecified Old Level	1903	264812
S	On site	Unspecified Ground Workings	1921	267109
S	On site	Unspecified Pit	1948	268290
S	On site	Unspecified Old Levels	1903	269439
S	On site	Refuse Heap	1948	271177
S	On site	Old Coal Levels	1921	273886
S	On site	Unspecified Ground Workings	1914	275584
S	On site	Old Coal Levels	1921	276423
S	On site	Old Coal Levels	1914 - 1921	276485
S	On site	Unspecified Disused Levels	1965	279028
S	On site	Old Coal Levels	1921	283058
S	On site	Old Coal Levels	1914	283659
S	On site	Old Coal Levels	1921	288169
S	On site	Unspecified Disused Levels	1987	288643
S	On site	Unspecified Heap	1903	289098
S	On site	Unspecified Heap	1921 - 1948	289205
S	On site	Colliery	1921	293182
S	On site	Old Coal Levels	1921	293445
S	On site	Unspecified Disused Levels	1965	295459
S	On site	Old Coal Levels	1948	299860
S	On site	Unspecified Heaps	1948 - 1965	300390
S	On site	Old Coal Levels	1914	301621
S	On site	Refuse Heap	1921	304393



ID	Location	Land use	Dates present	Group ID
S	On site	Colliery	1948	305438
S	On site	Unspecified Ground Workings	1903	307943
S	On site	Unspecified Disused Levels	1987	308092
S	On site	Colliery	1914	311573
S	On site	Unspecified Heap	1948	311947
S	On site	Unspecified Heap	1914	313978
S	On site	Unspecified Ground Workings	1921	315252
S	On site	Old Coal Levels	1921	315643
T	On site	Trial Slant	1921	256118
T	On site	Unspecified Heap	1877	260012
T	On site	Unspecified Heap	1921	260013
T	On site	Slant	1921	261774
T	On site	Unspecified Old Shaft	1903	270061
T	On site	Unspecified Old Shaft	1921	270062
T	On site	Unspecified Old Shaft	1903	270066
T	On site	Unspecified Old Shaft	1921	270068
T	On site	Old Shaft	1921	270280
T	On site	Old Shaft	1921	270281
T	On site	Unspecified Slant	1921	272956
T	On site	Unspecified Old Shaft	1914	274568
T	On site	Railway Sidings	1921	274754
T	On site	Unspecified Heap	1921	275093
T	On site	Unspecified Old Shaft	1921	281218
T	On site	Unspecified Old Shaft	1921 - 1948	291888
T	On site	Old Coal Pit	1877 - 1901	292772
T	On site	Unspecified Heap	1948	293921
T	On site	Unspecified Slant	1948	296529
T	On site	Refuse Heap	1948	299457



ID	Location	Land use	Dates present	Group ID
T	On site	Railway Sidings	1921	303148
T	On site	Refuse Heap	1921	305004
T	On site	Trial Slant	1914	306839
T	On site	Unspecified Old Shaft	1948	306876
T	On site	Unspecified Disused Level	1965 - 1987	312035
T	On site	Unspecified Old Shaft	1914	315068
U	On site	Tramway Sidings	1903	256936
V	On site	Sewage and Water Purification Works	1914	258757
V	On site	Purification Works	1921	264895
W	On site	Unspecified Heap	1965	259871
W	On site	Unspecified Heap	1965	259872
W	On site	Unspecified Old Quarry	1877	263437
W	On site	Unspecified Pit	1965	268291
W	On site	Unspecified Pit	1965	268292
W	On site	Unspecified Ground Workings	1921	280460
W	On site	Unspecified Heaps	1903	281950
W	On site	Unspecified Pit	1965 - 1987	295766
W	On site	Unspecified Heaps	1948	296601
W	On site	Unspecified Ground Workings	1921	313709
W	On site	Unspecified Ground Workings	1914	316762
X	On site	Unspecified Heap	1965	259910
X	On site	Unspecified Ground Workings	1903	281138
X	On site	Unspecified Ground Workings	1921	292666
X	On site	Unspecified Ground Workings	1948	294656
X	On site	Unspecified Ground Workings	1914 - 1921	308112
Y	On site	Unspecified Heap	1903	259912
Y	On site	Unspecified Old Quarry	1877	263438
Y	On site	Refuse Heap	1987	271163



ID	Location	Land use	Dates present	Group ID
Y	On site	Unspecified Heap	1948	272235
Y	On site	Unspecified Ground Workings	1965	278206
Y	On site	Unspecified Ground Workings	1965	278275
Y	On site	Unspecified Ground Workings	1921	283296
Y	On site	Unspecified Heaps	1948 - 1965	285237
Y	On site	Unspecified Ground Workings	1921	286789
Y	On site	Unspecified Ground Workings	1921	287741
Y	On site	Unspecified Ground Workings	1903	287944
Y	On site	Unspecified Heap	1903	289563
Y	On site	Unspecified Heaps	1903	289748
Y	On site	Unspecified Ground Workings	1914	295544
Y	On site	Unspecified Ground Workings	1948	311484
Z	On site	Unspecified Heap	1948	259913
Z	On site	Unspecified Ground Workings	1903	273210
Z	On site	Unspecified Heap	1903	277804
Z	On site	Unspecified Ground Workings	1965	299233
Z	On site	Unspecified Heap	1948	299559
Z	On site	Unspecified Heap	1965	307405
AA	On site	Unspecified Heap	1948	259915
AA	On site	Unspecified Heap	1903 - 1914	272425
AA	On site	Unspecified Ground Workings	1877	282148
AA	On site	Old Coal Levels	1921	289182
AA	On site	Unspecified Heap	1921	291778
AA	On site	Unspecified Heap	1948	308483
AB	On site	Unspecified Heap	1948	259922
AB	On site	Unspecified Pit	1965	268289
BA	On site	Unspecified Ground Workings	1948	275250
AB	On site	Unspecified Heaps	1965	282191



ID	Location	Land use	Dates present	Group ID
BA	On site	Unspecified Ground Workings	1914 - 1921	285813
AB	On site	Unspecified Heap	1965	291956
AB	On site	Unspecified Heap	1914	293499
AB	On site	Unspecified Heaps	1921	296311
AB	On site	Unspecified Ground Workings	1914	304178
BA	On site	Unspecified Ground Workings	1877	305148
AB	On site	Unspecified Heap	1948	312543
BA	On site	Unspecified Pits	1921	316640
AC	On site	Unspecified Heap	1877	259930
AC	On site	Unspecified Ground Workings	1914	274849
BB	On site	Unspecified Ground Workings	1903	276015
BB	On site	Unspecified Ground Workings	1921 - 1948	280411
AC	On site	Unspecified Ground Workings	1921	287064
AC	On site	Unspecified Pit	1903	287065
AC	On site	Unspecified Ground Workings	1877	290641
AC	On site	Unspecified Ground Workings	1965	293663
AC	On site	Unspecified Ground Workings	1921	301070
AC	On site	Unspecified Ground Workings	1921	302339
AC	On site	Unspecified Ground Workings	1948	304356
CA	On site	Unspecified Ground Workings	1965	305809
CA	On site	Unspecified Ground Workings	1987	308257
AC	On site	Unspecified Pit	1877	313796
AC	On site	Unspecified Ground Workings	1921	314766
AD	On site	Unspecified Heap	1965	259994
BC	On site	Unspecified Heaps	1948	276457
BC	On site	Unspecified Heaps	1903	291993
BC	On site	Unspecified Ground Workings	1965	293598
CB	On site	Unspecified Heap	1876 - 1877	311485



ID	Location	Land use	Dates present	Group ID
AD	On site	Unspecified Ground Workings	1877	316370
AE	On site	Unspecified Heap	1921	259995
AE	On site	Unspecified Pit	1948	275754
BD	On site	Unspecified Ground Workings	1965	276501
BD	On site	Unspecified Ground Workings	1877	278496
BD	On site	Unspecified Ground Workings	1948	303796
BD	On site	Unspecified Heap	1921	305821
BD	On site	Unspecified Heap	1921	306478
AE	On site	Unspecified Pit	1903	307779
BD	On site	Unspecified Ground Workings	1903	313613
BD	On site	Unspecified Heap	1914	314033
AF	On site	Unspecified Heap	1962	260001
AF	On site	Unspecified Ground Workings	1962	271858
BE	On site	Unspecified Ground Workings	1877	276515
AF	On site	Unspecified Heap	1900 - 1903	279010
AF	On site	Unspecified Ground Workings	1877	284538
AF	On site	Unspecified Ground Workings	1948	292892
BE	On site	Unspecified Old Quarries	1900	295218
AF	On site	Unspecified Pit	1900	296750
AF	On site	Unspecified Pit	1877	296945
BE	On site	Unspecified Ground Workings	1921	303714
AF	On site	Unspecified Pit	1903	304864
AF	On site	Unspecified Ground Workings	1921	310545
AF	On site	Unspecified Ground Workings	1921	313903
AF	On site	Unspecified Pit	1948	317441
BE	On site	Unspecified Ground Workings	1876	317643
AG	On site	Unspecified Heap	1903	260014
AG	On site	Unspecified Ground Workings	1948	267029



ID	Location	Land use	Dates present	Group ID
BF	On site	Unspecified Drift	1921	277208
BF	On site	Unspecified Drift	1914	312169
BF	On site	Unspecified Drift	1948	314402
AG	On site	Railway Sidings	1921	314850
AG	On site	Unspecified Disused Mine	1965 - 1987	315958
AH	On site	Unspecified Old Quarries	1900	262273
AH	On site	Old Coal Level	1903	264558
BG	On site	Cuttings	1965 - 1987	277450
AH	On site	Unspecified Ground Workings	1877	278283
AH	On site	Unspecified Ground Workings	1921 - 1948	295920
BG	On site	Cuttings	1901 - 1948	308875
AI	On site	Unspecified Old Quarries	1900	262274
AI	On site	Unspecified Pit	1877	273853
AI	On site	Unspecified Pit	1948	275617
BH	On site	Unspecified Ground Workings	1876	277463
AI	On site	Unspecified Pit	1903	287374
AI	On site	Cuttings	1921	295362
AI	On site	Unspecified Pit	1921	302946
AI	On site	Unspecified Pit	1921	303691
BH	On site	Unspecified Ground Workings	1921	311722
AJ	On site	Unspecified Old Quarry	1877	263446
AJ	On site	Unspecified Ground Workings	1914	274872
AJ	On site	Unspecified Pit	1965	275612
AJ	On site	Unspecified Pit	1948	276688
BI	On site	Unspecified Pit	1903	278248
AJ	On site	Unspecified Ground Workings	1921	281848
AJ	On site	Unspecified Pit	1903	283955
BI	On site	Unspecified Ground Workings	1965	287083



ID	Location	Land use	Dates present	Group ID
AJ	On site	Unspecified Heap	1948	287668
AJ	On site	Unspecified Heap	1965	288953
AJ	On site	Unspecified Heap	1903	297117
AJ	On site	Unspecified Ground Workings	1921	315617
BI	On site	Unspecified Pit	1948	318397
AK	On site	Unspecified Disused Tip	1987	266273
AK	On site	Refuse Heap	1965	271166
BJ	On site	Unspecified Heap	1948	278715
BJ	On site	Colliery	1921	281176
BJ	On site	Unspecified Heap	1965	308802
AL	On site	Unspecified Ground Workings	1965	267103
AL	On site	Refuse Heap	1921	279097
BK	On site	Unspecified Ground Workings	1965	279157
BK	On site	Unspecified Ground Workings	1965	282940
BK	On site	Unspecified Pit	1948 - 1965	287376
BK	On site	Unspecified Heap	1948	289867
BK	On site	Unspecified Heap	1903	307364
AL	On site	Refuse Heap	1921	308634
BK	On site	Unspecified Pit	1903	310393
BK	On site	Unspecified Pit	1921	311083
AM	On site	Unspecified Pit	1877	268286
BL	On site	Refuse Heap	1914	279264
BL	On site	Unspecified Heaps	1965 - 1987	279393
AM	On site	Unspecified Ground Workings	1921	288542
BL	On site	Refuse Heap	1948	290177
BL	On site	Refuse Heap	1921	292443
BL	On site	Refuse Heap	1921	297858
BL	On site	Shale Tip	1914	310028



ID	Location	Land use	Dates present	Group ID
BL	On site	Refuse Heap	1921	311636
AN	On site	Unspecified Pit	1948	268357
AN	On site	Unspecified Ground Workings	1921	273978
BM	On site	Old Coal Level	1900	280440
AN	On site	Unspecified Ground Workings	1962	284785
BM	On site	Old Coal Level	1921	288964
BM	On site	Old Coal Level	1921	290598
AN	On site	Unspecified Old Quarries	1900 - 1903	293269
AN	On site	Unspecified Ground Workings	1921	294693
BM	On site	Unspecified Pit	1921	296142
BM	On site	Unspecified Pit	1903	303971
AN	On site	Unspecified Ground Workings	1877	309303
BM	On site	Unspecified Pit	1877	314945
AO	On site	Cuttings	1877	268987
BN	On site	Unspecified Ground Workings	1921	281098
BN	On site	Unspecified Ground Workings	1921	283740
BN	On site	Refuse Heap	1977	284282
BN	On site	Unspecified Ground Workings	1877	289685
BN	On site	Unspecified Pit	1903	293410
BN	On site	Unspecified Ground Workings	1900	301100
BN	On site	Unspecified Ground Workings	1948	312767
AP	On site	Refuse Heaps	1921	269367
BO	On site	Unspecified Heap	1921 - 1948	281692
AP	On site	Refuse Heap	1914	287510
BO	On site	Unspecified Heap	1903	288794
BO	On site	Unspecified Heap	1877	290263
BO	On site	Unspecified Heap	1921	294358
BO	On site	Unspecified Heap	1914	295853



ID	Location	Land use	Dates present	Group ID
AP	On site	Refuse Heap	1903	304634
BO	On site	Unspecified Old Level	1921	312114
BO	On site	Unspecified Heap	1965	315675
BO	On site	Unspecified Old Level	1948	316518
AQ	On site	Refuse Heaps	1948	269368
AQ	On site	Unspecified Pit	1948	273249
BP	On site	Unspecified Ground Workings	1903	282122
AQ	On site	Unspecified Pit	1877 - 1900	284641
AQ	On site	Unspecified Ground Workings	1903	284684
AQ	On site	Unspecified Ground Workings	1921	289925
AQ	On site	Refuse Heap	1987	290347
AQ	On site	Refuse Heap	1965	297391
BP	On site	Unspecified Ground Workings	1965	309785
AQ	On site	Unspecified Ground Workings	1921	312646
AR	On site	Coal Level	1903	270731
AR	On site	Old Coal Level	1877 - 1901	277116
BQ	On site	Unspecified Heap	1921	282833
BQ	On site	Unspecified Heap	1948	282876
AR	On site	Unspecified Heap	1948	283233
AR	On site	Old Coal Level	1921	283632
AR	On site	Unspecified Heap	1921	293063
AR	On site	Unspecified Heap	1921	293659
AR	On site	Unspecified Ground Workings and Heap	1914	296266
BQ	On site	Unspecified Heap	1914 - 1921	297045
AR	On site	Unspecified Heap	1948	297678
AR	On site	Old Coal Level	1921 - 1948	298071
AR	On site	Old Level (Coal)	1914	304456
BQ	On site	Unspecified Heap	1921	305167



ID	Location	Land use	Dates present	Group ID
AR	On site	Unspecified Ground Workings	1965 - 1987	306003
AR	On site	Unspecified Heap	1921	306311
AR	On site	Unspecified Heap	1921	313186
BQ	On site	Unspecified Heap	1877	318197
AS	On site	Railway Sidings	1965	271445
AS	On site	Railway Sidings	1962	271446
AS	On site	Railway Sidings	1964	271447
BR	On site	Refuse Heap	1948	282944
BR	On site	Unspecified Ground Workings	1900	295829
AT	On site	Unspecified Pit	1948	271863
AT	On site	Unspecified Ground Workings	1965	282896
BS	On site	Unspecified Pit	1948	287817
AT	On site	Unspecified Pit	1903	290440
BS	On site	Unspecified Pit	1921	302209
BS	On site	Unspecified Disused Level	1965 - 1987	310785
AU	On site	Unspecified Pit	1921	273207
BT	On site	Refuse Heap	1921	288650
BT	On site	Refuse Heap	1921	290576
BT	On site	Unspecified Disused Drift	1965 - 1987	298777
BT	On site	Refuse Heap	1948	303899
AU	On site	Unspecified Ground Workings	1877 - 1903	307735
AV	On site	Unspecified Ground Workings	1965	273235
AV	On site	Unspecified Old Quarry	1877	274913
BU	On site	Unspecified Ground Workings	1914	292020
AV	On site	Unspecified Pit	1903	294220
AV	On site	Unspecified Pit	1948	297834
AW	On site	Railway Sidings	1901	273770
AW	On site	Colliery	1914 - 1921	291141



ID	Location	Land use	Dates present	Group ID
AW	On site	Coal Pit	1876 - 1877	293369
BV	On site	Railway Sidings	1921	294448
BV	On site	Lime Kiln	1876 - 1877	300179
AX	On site	Railway Sidings	1921	273898
AX	On site	Railway Sidings	1914	292121
BW	On site	Unspecified Heap	1921	294941
BW	On site	Unspecified Heap	1948	297358
BW	On site	Unspecified Heap	1900	298792
BW	On site	Unspecified Heap	1903	298894
BW	On site	Unspecified Heap	1876 - 1877	314131
BW	On site	Unspecified Heaps	1921	317496
AY	On site	Cuttings	1901	274074
AY	On site	Cuttings	1921	277448
AY	On site	Cuttings	1903 - 1987	287661
BX	On site	Tramway Sidings	1921	297259
BX	On site	Unspecified Drift	1948	304055
BX	On site	Colliery	1948	315562
AZ	On site	Railway Sidings	1876	274820
BY	On site	Unspecified Ground Workings	1965	301127
BY	On site	Unspecified Ground Workings	1987	301838
AZ	On site	Colliery	1914 - 1921	309439
BZ	On site	Unspecified Ground Workings	1914 - 1921	305582
I	0m SW	Unspecified Heap	1903	306855
CE	0m NE	Unspecified Old Quarry	1900	282575
CF	1m N	Cuttings	1877	268989
F	2m W	Unspecified Drift	1921	297161
38	2m S	Unspecified Ground Workings	1901	304949
BX	3m N	Unspecified Disused Drift	1987	255784



ID	Location	Land use	Dates present	Group ID
BX	3m NE	Colliery	1921	310550
CF	3m N	Unspecified Ground Workings	1921	317778
39	4m NE	Railway Sidings	1921	307444
F	4m W	Unspecified Drift	1914	283799
F	4m W	Unspecified Drift	1914	314978
CE	4m NE	Old Quarry	1921	256076
AW	5m SE	Unspecified Ground Workings	1901	283864
F	5m W	Unspecified Drift	1921	285505
U	5m N	Unspecified Heap	1921	279370
40	5m S	Unspecified Pit	1921	280128
CE	6m NE	Unspecified Old Quarry	1921	310291
K	6m SE	Old Coal Pit	1921	312005
BX	6m N	Colliery	1914 - 1921	315215
I	6m W	Unspecified Heap	1877	259997
CE	7m NE	Unspecified Quarry	1962	258390
CE	7m NE	Unspecified Old Quarry	1921 - 1948	289193
BA	8m SE	Unspecified Ground Workings	1921	308002
AW	9m SE	Unspecified Disused Tip	1987	266285
K	9m SE	Unspecified Ground Workings	1877	316257
BX	9m N	Unspecified Drift	1914	273910
BX	10m N	Drift	1921	296810
K	10m S	Cuttings	1962	268986
BE	10m S	Unspecified Heap	1948	260000
CG	10m S	Old Level (Coal)	1914	274602
CH	10m N	Old Coal Level	1877 - 1903	289982
CF	10m N	Unspecified Heaps	1877	255312
AW	11m SE	Unspecified Ground Workings	1921	296065
41	11m SE	Unspecified Ground Workings	1876	302149



ID	Location	Land use	Dates present	Group ID
CG	12m S	Old Coal Level	1903	300639
CG	12m S	Old Coal Level	1948	308501
BX	12m NE	Refuse Heap	1965	271173
CF	12m N	Unspecified Heap	1948	260015
42	12m NE	Cuttings	1877 - 1903	317816
CI	13m SE	Old Coal Level	1901	264552
F	13m W	Railway Buildings	1948	318090
K	14m SE	Old Coal Pit	1900	254232
CF	14m N	Unspecified Ground Workings	1914 - 1921	294152
AW	14m SE	Refuse Heap	1948	316163
BX	14m N	Unspecified Drift	1921	305253
K	14m SE	Old Coal Level	1903	283105
CJ	15m NE	Railway Sidings	1948	277396
CJ	15m NE	Railway Sidings	1921	293747
AZ	17m S	Railway Buildings	1965	251550
K	17m S	Unspecified Ground Workings	1877	267210
U	17m N	Unspecified Old Level	1948	264814
AW	17m SE	Refuse Heap	1914	302048
U	17m N	Unspecified Pit	1914	290295
K	17m SE	Old Coal Level	1900	314215
CG	18m S	Old Coal Level	1921	264557
U	19m N	Unspecified Heap	1921	316070
CK	20m S	Unspecified Pit	1987	268361
43	20m S	Unspecified Heaps	1965	255315
CK	20m S	Unspecified Ground Workings	1948	298878
AW	20m SE	Refuse Heap	1965	282376
AW	21m SE	Refuse Heaps	1921	269369
CH	22m N	Unspecified Ground Workings	1914 - 1921	274723



ID	Location	Land use	Dates present	Group ID
BZ	23m S	Unspecified Heap	1903	292546
CL	24m S	Unspecified Disused Tip	1987	266286
K	24m S	Cuttings	1921	268985
CK	24m S	Unspecified Ground Workings	1921	303943
BZ	25m S	Unspecified Heap	1921	296570
AW	25m S	Unspecified Ground Workings	1876	293592
CM	25m S	Old Coal Level	1901	304336
CK	26m S	Unspecified Ground Workings	1903	276714
AW	26m S	Unspecified Ground Workings	1877	307425
CM	27m S	Unspecified Pit	1948	273329
CM	27m S	Unspecified Pit	1903	274990
CM	27m S	Old Coal Level	1921	291190
K	28m S	Old Coal Pit	1921	254230
CB	28m S	Refuse Heap	1921	315873
AO	28m N	Unspecified Pit	1921	274538
K	29m S	Unspecified Pit	1877	314686
CN	29m S	Unspecified Ground Workings	1948 - 1965	315318
CB	31m S	Refuse Heap	1914 - 1921	299031
AW	32m W	Unspecified Mine	1965	255762
CM	33m S	Old Coal Level	1921	287851
K	33m S	Unspecified Pit	1962	300459
CI	33m SE	Unspecified Ground Workings	1914	286750
CI	33m SE	Unspecified Ground Workings	1914	292519
CO	33m NE	Unspecified Pit	1914	277651
AO	34m N	Unspecified Pit	1921	279397
AO	34m N	Old Coal Pit	1877	254227
CO	35m NE	Unspecified Pit	1921	280853
CO	35m NE	Unspecified Pit	1903	306200



ID	Location	Land use	Dates present	Group ID
CO	35m NE	Unspecified Pit	1948	311836
K	35m S	Unspecified Pits	1948	254836
CO	36m NE	Unspecified Pit	1921	305691
K	36m SE	Unspecified Heap	1900	272283
CO	36m NE	Unspecified Pit	1877	302279
CL	37m S	Refuse Heap	1964 - 1965	313767
44	38m S	Unspecified Heap	1948	259999
U	39m N	Unspecified Old Level	1921	264813
CP	39m NW	Unspecified Heaps	1877	275660
CK	40m S	Unspecified Ground Workings	1877	310420
AO	41m N	Unspecified Pit	1914	288132
AO	41m N	Unspecified Pit	1948	297124
CO	41m NE	Unspecified Old Level	1903	264806
AO	42m N	Unspecified Pit	1921	300858
U	42m N	Old Level	1921	254655
BZ	42m S	Unspecified Heap	1948	274180
BZ	42m S	Unspecified Heap	1903	307755
CM	43m S	Old Trial Drift	1914	301145
CQ	43m NE	Unspecified Disused Level	1977	251312
K	44m S	Old Coal Level	1903	291402
BE	46m S	Unspecified Old Quarries	1903	272660
CH	46m NW	Old Coal Level	1921	304303
CM	46m S	Unspecified Heap	1948	286738
CM	48m S	Unspecified Heap	1921	305214
CR	48m S	Unspecified Disused Workings	1987	261693
CH	48m NW	Old Coal Level	1914	264543
CQ	48m NE	Old Coal Level	1921	288554
U	48m N	Unspecified Old Level	1914 - 1921	314258



ID	Location	Land use	Dates present	Group ID
CM	48m S	Unspecified Pit	1914	302677
CQ	49m NE	Old Coal Pit	1921	254228
BZ	49m SE	Unspecified Heap	1965 - 1987	272703
AW	49m SW	Unspecified Ground Workings	1901	308979
BA	50m SE	Unspecified Pit	1948	268366
CH	50m NW	Old Coal Level	1948	284558
BU	50m S	Unspecified Heap	1877	275536
BU	50m S	Unspecified Heap	1903	306499
CQ	50m NE	Old Coal Level	1921	289771
CS	50m NE	Unspecified Heap	1877	305269
CM	50m S	Unspecified Ground Workings	1877	267028
CS	51m NE	Unspecified Heap	1962	283434
CT	52m SW	Unspecified Ground Workings	1876 - 1877	298537
CM	52m S	Old Trail Drift	1921	270294
CO	52m NE	Old Coal Level	1877	264541
CS	53m NE	Unspecified Heap	1921	308735
K	53m S	Unspecified Pit	1877	268358
CS	53m NE	Unspecified Heap	1921 - 1948	305823
CS	54m NE	Unspecified Heap	1921	291925
CH	54m NW	Old Coal Level	1921	264542
CT	54m SW	Unspecified Old Quarry	1901 - 1903	294440
K	56m S	Unspecified Ground Workings	1962	310712
K	57m SE	Unspecified Heap	1921	289139
CU	57m NW	Unspecified Heap	1948	316761
CU	57m NW	Unspecified Ground Workings	1914	292626
CN	57m S	Unspecified Quarry	1876	258391
CU	57m NW	Unspecified Heaps	1921	307598
CM	58m S	Unspecified Heap	1921	289296



ID	Location	Land use	Dates present	Group ID
CL	59m S	Refuse Heap	1948	277007
45	59m N	Cuttings	1877	268845
CU	60m NW	Unspecified Heaps	1921	287288
CM	61m S	Unspecified Ground Workings	1921	300276
CM	62m S	Unspecified Pit	1876 - 1877	295953
CM	62m S	Unspecified Ground Workings	1948	314081
CV	63m S	Unspecified Ground Workings	1921	312063
CU	64m NW	Unspecified Heap	1877	273432
AW	64m SE	Unspecified Ground Workings	1877	307424
K	64m S	Old Coal Level	1903	264560
AW	66m S	Unspecified Ground Workings	1914 - 1921	297937
BZ	68m S	Unspecified Pit	1948	268356
CM	69m S	Unspecified Pit	1901 - 1903	313926
CN	69m S	Unspecified Old Quarries	1903	278096
46	72m SW	Unspecified Ground Workings	1948	292160
CK	72m S	Unspecified Heap	1948	260006
CW	72m NE	Unspecified Ground Workings	1876 - 1877	291218
CW	72m NE	Unspecified Ground Workings	1962	299027
AW	72m SE	Unspecified Ground Workings	1921	303282
AO	74m N	Unspecified Pit	1921	318013
BU	74m S	Unspecified Heap	1948	281087
CM	75m S	Unspecified Heap	1876 - 1877	300824
CW	75m NE	Unspecified Ground Workings	1903 - 1948	303250
CM	77m S	Unspecified Pit	1914 - 1948	299301
CX	77m N	Old Coal Shaft	1921	316634
CU	78m NW	Unspecified Pit	1877	268354
CK	78m S	Unspecified Ground Workings	1987	272859
CK	78m S	Unspecified Ground Workings	1965	297372



ID	Location	Land use	Dates present	Group ID
CX	78m N	Disused Old Coal Pit	1877	261418
CX	78m N	Old Coal Pit	1901	254225
CX	79m N	Unspecified Old Shaft	1903	270067
CV	80m S	Unspecified Heap	1948	260011
CY	80m NE	Unspecified Pit	1877	313672
CP	80m NW	Unspecified Ground Workings	1914	292536
AO	81m N	Unspecified Heap	1921	259931
BZ	81m S	Unspecified Heap	1877	259998
47	81m NE	Cuttings	1877	268995
CM	82m S	Unspecified Heap	1921	316136
CX	82m N	Old Coal Shaft	1921	303610
CP	82m NW	Unspecified Ground Workings	1965	275871
CZ	83m SE	Old Shafts (Coal)	1914	278747
CP	83m NW	Unspecified Ground Workings	1921	300783
CP	83m NW	Unspecified Ground Workings	1921	318299
CT	83m S	Unspecified Pit	1948	268360
CZ	84m SE	Old Coal Shafts	1921	254615
CP	85m NW	Unspecified Ground Workings	1921	277268
CZ	85m SE	Old Clay Pit	1877 - 1901	277210
CV	86m S	Unspecified Ground Workings	1921	281640
CZ	86m SE	Unspecified Old Shafts	1903	262520
CZ	86m SE	Unspecified Pit	1921 - 1948	298926
CW	86m NE	Unspecified Ground Workings	1900	301832
AO	87m N	Unspecified Pit	1914	310507
AO	87m N	Unspecified Pit	1921 - 1948	273111
CX	87m N	Old Coal Shaft	1921 - 1948	313706
CX	88m N	Old Shafts (Coal)	1914	289559
48	88m SW	Refuse Heap	1964 - 1965	317603



ID	Location	Land use	Dates present	Group ID
CP	90m NW	Unspecified Heaps	1903	310474
CW	91m NE	Unspecified Ground Workings	1921	281194
CM	91m S	Unspecified Drift	1876 - 1877	292205
CB	92m S	Old Trial Drift	1948	275458
CB	92m S	Old Trial Drift	1921	298608
CB	97m S	Old Trial Drift	1921	270099
CY	98m NE	Unspecified Pit	1948	300971
BA	99m SE	Unspecified Pit	1877	303109
BA	99m N	Old Coal Shafts	1921	292336
BA	100m SE	Unspecified Pit	1948	307173
AW	101m SW	Unspecified Ground Workings	1876	267209
DA	101m SE	Cuttings	1921	275680
DA	102m SE	Cuttings	1877	292654
BA	103m N	Old Coal Shafts	1921	287337
CY	104m NE	Unspecified Heap	1903	283396
CY	104m NE	Unspecified Ground Workings	1877	272818
CW	104m NE	Unspecified Ground Workings	1921	299485
49	105m NW	Old Gravel Pit	1877	263891
CY	106m NE	Unspecified Heap	1900	282139
DB	106m NW	Old Ironstone Levels	1914	301777
DA	106m SE	Cuttings	1914 - 1948	299421
DB	107m NW	Old Ironstone Levels	1921	278561
DA	107m SE	Unspecified Pit	1965	268365
50	108m NE	Unspecified Heap	1877 - 1903	279259
CY	108m NE	Unspecified Heap	1948	295386
DA	108m SE	Cuttings	1921	286168
CY	109m NE	Unspecified Ground Workings	1876	287814
BA	109m N	Old Coal Pit	1901	254226



ID	Location	Land use	Dates present	Group ID
DB	109m NW	Unspecified Old Levels	1903	269431
DB	109m NW	Old Ironstone Levels	1948	278244
DB	110m NW	Old Ironstone Levels	1921	283252
BA	110m N	Unspecified Old Shafts	1903	262523
BA	110m N	Old Coal Shafts	1948	281461
BA	110m N	Old Coal Shafts	1921	273930
DB	111m NW	Unspecified Pit	1965	267958
51	111m S	Unspecified Heap	1965	260009
DB	113m NW	Old Ironstone Level	1877	251109
52	116m NW	Unspecified Drifts	1948	255803
53	116m NW	Cuttings	1877	268992
54	116m S	Unspecified Ground Workings	1965 - 1987	303751
CR	117m S	Unspecified Ground Workings	1914	281951
BA	118m SE	Unspecified Pit	1921 - 1948	314446
BA	118m SE	Old Shafts (Coal)	1914	282169
BA	118m SE	Unspecified Pit	1877	313181
BA	118m N	Cuttings	1877	268988
55	120m S	Unspecified Ground Workings	1876	267214
BA	121m N	Old Coal Shafts	1921	312325
BA	123m N	Old Coal Shafts	1921	297909
DC	126m S	Unspecified Ground Workings	1876	267211
AW	127m S	Lime Kiln	1876 - 1877	301195
DD	128m S	Unspecified Pit	1965	300577
56	129m N	Cuttings	1903	268844
DE	129m S	Unspecified Heaps	1876	255314
BA	129m N	Old Coal Shafts	1948	306498
BA	129m N	Old Shafts (Coal)	1914	311380
CY	129m NE	Unspecified Heap	1900	259928

ID	Location	Land use	Dates present	Group ID
DD	131m S	Unspecified Old Quarry	1901	263442
DF	131m SW	Old Coal Pit	1921	274949
DF	131m SW	Old Coal Pit	1921	281077
DF	131m SW	Old Coal Pit	1914	276150
DF	131m SW	Old Coal Pit	1914	298528
DG	132m NW	Colliery	1921	317995
BA	132m N	Old Coal Shafts	1921	297439
DD	132m S	Unspecified Pit	1903	311392
57	133m S	Unspecified Heap	1876	260005
DF	134m SW	Old Coal Pit	1921	303633
DD	134m S	Unspecified Ground Workings	1914	300188
DF	135m SW	Old Coal Pit	1921	254231
DF	135m SW	Old Coal Pit	1903	282168
DF	135m SW	Old Coal Pit	1948	315360
CJ	136m N	Railway Sidings	1965	291674
DF	137m SW	Old Coal Pit	1901	287900
DB	137m NW	Old Ironstone Levels	1921	295351
DB	140m NW	Unspecified Heap	1965	259920
DH	141m NW	Unspecified Ground Workings	1903 - 1921	312519
DH	142m NW	Unspecified Ground Workings	1900	277423
DI	142m NE	Unspecified Heap	1914	291424
DI	143m NE	Unspecified Ground Workings	1921	293190
BA	144m SE	Unspecified Pit	1877	268364
DH	144m NW	Unspecified Ground Workings	1948	272567
DH	145m NW	Unspecified Ground Workings	1921	298554
DH	145m NW	Unspecified Ground Workings	1921	278649
DI	146m NE	Old Ironstone Quarry	1877	255858
DI	146m NE	Unspecified Pit	1903	289135



ID	Location	Land use	Dates present	Group ID
DI	146m NE	Unspecified Ground Workings	1921	305306
DF	148m SW	Old Coal Level	1901	275338
DI	148m NE	Unspecified Pit	1948	317427
58	148m N	Cuttings	1903	268843
DG	149m NW	Unspecified Pit	1965	267961
BA	149m N	Unspecified Pit	1877	268363
DE	151m S	Unspecified Pit	1948	274970
DH	151m NW	Unspecified Ground Workings	1877	280213
DE	152m S	Unspecified Ground Workings	1921	267213
DI	153m NE	Unspecified Heap	1948	282580
BA	154m N	Old Coal Shafts	1948	254616
DE	154m S	Unspecified Pit	1921	294829
59	156m S	Refuse Heap	1965	273738
DI	158m NE	Unspecified Pit	1965 - 1987	273380
DG	160m NW	Colliery	1914	298909
DC	161m S	Unspecified Ground Workings	1876	267212
DE	161m S	Old Coal Level	1903	264561
DG	162m NW	Colliery	1921	294618
DJ	166m SE	Cuttings	1877	268982
60	170m S	Refuse Heap	1948	288594
DG	170m NW	Railway Sidings	1921	316169
DE	171m S	Old Coal Level	1900 - 1903	287563
DJ	171m SE	Cuttings	1876	268981
DK	172m NW	Old Ironstone Levels	1921	294512
DF	172m SW	Unspecified Pit	1921	280135
DG	173m NW	Unspecified Drift	1914	258724
DG	173m NW	Railway Sidings	1914	272907
DF	173m SW	Unspecified Pit	1921 - 1948	282589



ID	Location	Land use	Dates present	Group ID
DK	174m NW	Unspecified Old Levels	1903	269432
DK	174m NW	Old Ironstone Levels	1948	309664
DG	177m NW	Unspecified Drifts	1921	255804
DG	177m NW	Railway Sidings	1921	282195
DK	178m NW	Old Ironstone Level	1877	251110
DG	181m NW	Unspecified Ground Workings	1965	301848
DL	182m SE	Old Coal Level	1903	272944
61	184m S	Unspecified Ground Workings	1965 - 1987	306442
DF	185m SW	Old Coal Level	1921	285625
DH	185m W	Unspecified Heap	1921 - 1948	309870
DF	185m SW	Old Coal Level	1948	313085
62	185m S	Burial Ground	1876 - 1877	298895
DL	186m SE	Unspecified Heap	1921 - 1948	283079
DL	186m SE	Old Level (Coal)	1914	307981
DL	186m SE	Unspecified Heap	1876 - 1877	314133
63	186m NW	Unspecified Heap	1965 - 1987	313553
DL	187m SE	Old Coal Level	1921	302609
DF	188m SW	Old Coal Level	1921	315595
DM	192m NW	Unspecified Ground Workings	1914	272705
DM	192m NW	Unspecified Ground Workings	1921	315440
64	193m N	Unspecified Old Quarries	1877	262255
DM	194m NW	Unspecified Pit	1948	271985
DM	194m NW	Unspecified Pit	1903	294499
65	195m NW	Unspecified Ground Workings	1965	267107
DK	195m NW	Old Ironstone Levels	1914 - 1921	314956
DG	196m NW	Colliery	1903	284230
DM	196m NW	Unspecified Old Quarry	1877	263435
DM	196m NW	Unspecified Ground Workings	1921	295863

ID	Location	Land use	Dates present	Group ID
DL	197m SE	Unspecified Heap	1921	285441
DM	197m NW	Unspecified Pit	1965	277824
DG	198m NW	Engine House	1914 - 1921	278138
DG	198m NW	Refuse Heap	1921	271165
66	198m NW	Unspecified Pit	1877 - 1900	296612
DG	198m NW	Refuse Heaps	1921	278393
DK	201m NW	Old Ironstone Levels	1921	296772
DG	201m NW	Unspecified Drifts	1948	255802
DG	201m NW	Engine House	1921	285072
DK	202m NW	Unspecified Heap	1965	259919
DG	203m NW	Railway Sidings	1903	272481
DN	203m S	Unspecified Heap	1876 - 1877	285824
DG	204m NW	Unspecified Drift	1914	258726
DG	205m NW	Unspecified Drifts	1921	304217
DM	210m NW	Unspecified Ground Workings	1948 - 1965	311549
DO	210m S	Unspecified Heap	1876 - 1877	310591
DO	213m S	Unspecified Pit	1914	296642
DO	213m S	Unspecified Heap	1921	290795
DO	214m S	Unspecified Heap	1948	303101
DP	214m NW	Old Ironstone Levels	1914	298014
DP	215m NW	Unspecified Ground Workings	1921	300829
67	216m NE	Unspecified Pit	1903	268353
DP	220m NW	Old Ironstone Levels	1921	291936
DP	222m NW	Unspecified Heaps	1903	255306
DP	222m NW	Old Ironstone Levels	1948	308956
DP	222m NW	Unspecified Pit	1965	267959
DP	224m NW	Old Ironstone Level	1877	251111
DQ	225m NW	Unspecified Old Level	1903	290997



ID	Location	Land use	Dates present	Group ID
DG	231m NW	Unspecified Drifts	1921	255801
DR	234m S	Cemetery	1948	298314
DR	236m S	Cemetery	1964 - 1981	313939
DP	238m NW	Unspecified Ground Workings	1921	276953
DG	240m NW	Unspecified Heap	1921	280924
DG	240m NW	Unspecified Ground Workings	1914	309792
DO	241m S	Unspecified Pits	1876	254835
DO	241m S	Unspecified Pit	1964 - 1988	295970
DS	241m S	Cuttings	1903	282023
DS	241m S	Cuttings	1948	299168
DS	241m S	Cuttings	1877	302165
DG	242m NW	Unspecified Ground Workings	1921	278048
DS	242m S	Cuttings	1914	309019
DO	242m SE	Unspecified Pit	1903	277525
DO	242m SE	Unspecified Pit	1921	285656
DO	242m SE	Unspecified Pit	1877	294144
DG	242m NW	Railway Sidings	1948	280671
DO	243m SE	Unspecified Old Quarry	1901	263441
DS	243m S	Cuttings	1901	305153
DO	243m S	Unspecified Ground Workings	1914	277318
DO	243m S	Unspecified Ground Workings	1914	307119
DO	243m S	Unspecified Ground Workings	1921 - 1948	314090
DO	243m SE	Unspecified Ground Workings	1921	283776
DO	243m SE	Unspecified Ground Workings	1921	313268
DG	244m NW	Unspecified Ground Workings	1948 - 1965	306355
DS	245m S	Cuttings	1921	289060
DO	248m SE	Unspecified Ground Workings	1988	278620
DO	248m SE	Unspecified Ground Workings	1964	289209



ID	Location	Land use	Dates present	Group ID
DS	248m S	Cuttings	1921	314393
68	248m NE	Cuttings	1877	268846
DS	249m S	Cuttings	1921	279176
DP	250m NW	Unspecified Heap	1965	259918
DO	250m SE	Unspecified Pit	1877	286158
DT	259m SE	Railway Sidings	1980	308074
DT	259m SE	Railway Sidings	1964	311314
69	265m SE	Railway Sidings	1981	308174
DQ	271m NW	Unspecified Old Quarry	1877	311078
DQ	272m NW	Old Ironstone Level	1914	292354
DQ	273m NW	Old Ironstone Level	1921	300061
DQ	274m NW	Unspecified Pit	1965	267957
DN	274m S	Old Coal Drift	1921	274420
DV	275m N	Unspecified Pit	1903	268285
DQ	275m NW	Old Ironstone Level	1948	271905
DN	276m S	Old Coal Drift	1921	290851
DN	277m S	Old Coal Drift	1948	304018
DN	278m S	Old Coal Drift	1914	314682
DQ	283m NW	Unspecified Old Level	1903	305506
DV	284m N	Unspecified Old Quarry	1877	263436
DS	287m S	Unspecified Ground Workings	1914	294798
DS	288m S	Unspecified Heap	1921	278221
DW	288m NE	Old Ironstone Level	1921 - 1948	281790
DN	289m S	Old Coal Drift	1921	250907
DS	289m S	Unspecified Heap	1948	277857
DS	289m S	Unspecified Heap	1921	288758
70	291m S	Refuse Heaps	1964 - 1988	315132
DX	294m NW	Unspecified Old Quarry	1903	279341



ID	Location	Land use	Dates present	Group ID
DX	294m NW	Unspecified Old Quarry	1948	301987
DY	295m N	Unspecified Mill	1921	279865
DY	295m N	Unspecified Mill	1921	314367
DN	297m SE	Old Coal Drift	1901	250905
DZ	299m N	Railway Sidings	1962 - 1965	274545
DY	300m N	Unspecified Mill	1914 - 1921	315711
DN	300m SE	Unspecified Ground Workings	1914	317514
EA	301m NE	Cuttings	1914	315879
EA	303m NE	Cuttings	1948	277233
EA	303m NE	Cuttings	1877 - 1903	303275
EB	306m S	Railway Sidings	1988	271419
EB	306m S	Refuse Heap	1988	273138
71	308m N	Unspecified Pit	1877	267960
DY	309m N	Mill Pond	1877 - 1903	308411
72	311m S	Unspecified Pit	1877	268394
73	312m S	Refuse Heap	1988	278756
EC	313m S	Unspecified Old Quarries	1901	262281
ED	314m W	Brick Works	1914	295808
ED	314m W	Brick Works	1914	315837
DG	316m NW	Unspecified Heap	1903	259889
EC	317m S	Unspecified Pit	1914	295677
EC	318m S	Unspecified Heap	1948	287504
EC	318m S	Unspecified Ground Workings	1921	307602
EC	318m S	Unspecified Ground Workings	1921	314255
74	318m S	Refuse Heap	1964 - 1988	299369
EC	319m S	Unspecified Heap	1903	301870
EC	319m S	Unspecified Ground Workings	1876	310425
DN	320m S	Unspecified Heaps	1876	255311



ID	Location	Land use	Dates present	Group ID
EC	321m S	Unspecified Heap	1964	310620
EC	321m S	Unspecified Heap	1988	317126
EC	322m S	Unspecified Ground Workings	1877	279374
DQ	322m NW	Unspecified Ground Workings	1914	267045
DN	322m S	Unspecified Heap	1903	285906
DQ	322m NW	Unspecified Pit	1921	282270
DW	323m NE	Old Ironstone Level	1877	251114
DN	323m S	Unspecified Heap	1948	272852
EC	325m S	Unspecified Ground Workings	1921	303733
DQ	325m NW	Unspecified Pit	1921 - 1948	309597
DN	326m S	Old Coal Drift	1903	250906
DQ	326m NW	Unspecified Pit	1903	291235
DY	329m N	Unspecified Mill	1948	281314
DY	329m N	Unspecified Mill	1877 - 1903	282393
DQ	331m NW	Unspecified Pit	1965	302686
EE	333m NE	Unspecified Heap	1921	273288
EE	334m NE	Unspecified Heap	1914	314017
EE	335m NE	Unspecified Ground Workings	1921	267110
DW	337m NE	Cuttings	1877	268993
EF	338m NW	Unspecified Ground Workings	1921	294991
EF	338m NW	Unspecified Ground Workings	1914	304099
EE	338m NE	Unspecified Heap	1948	288330
EE	338m NE	Unspecified Heap	1903	298113
EE	338m NE	Old Ironstone Quarry	1877	255859
EC	339m S	Unspecified Pit	1948	298439
DX	339m NW	Unspecified Old Quarry	1914 - 1921	291055
75	340m S	Unspecified Heap	1877	260007
EC	342m S	Unspecified Pit	1903	277481

ID	Location	Land use	Dates present	Group ID
DX	342m NW	Unspecified Old Quarry	1921	302420
EF	342m NW	Unspecified Ground Workings	1948	285898
EF	343m NW	Unspecified Old Quarry	1877	304723
EC	344m S	Unspecified Pit	1964 - 1988	273304
EF	344m NW	Unspecified Ground Workings	1903	282412
DX	345m NW	Colliery	1877	263747
76	345m SE	Mineral Railway Sidings	1948	301467
EF	346m NW	Unspecified Heap	1965	259916
EE	347m NE	Unspecified Pit	1921	294584
EE	349m NE	Unspecified Pit	1948	284838
EE	349m NE	Unspecified Pit	1903	287130
EE	349m NE	Unidentified Pit	1914	253965
DX	349m NW	Unspecified Quarry	1965	258408
77	351m SE	Mineral Railway Sidings	1921	274586
DW	353m NE	Unspecified Disused Level	1987	251318
EE	354m NE	Unspecified Pit	1877	275740
EB	354m S	Unspecified Old Quarries	1901	262278
EB	356m S	Unspecified Pit	1914	293345
EB	357m S	Unspecified Pits	1921	275038
EB	357m S	Unspecified Pits	1921	291794
EB	357m S	Unspecified Heap	1948	291793
EB	357m S	Unspecified Heap	1903	301141
DN	357m S	Unspecified Ground Workings	1876 - 1877	308450
EB	358m S	Unspecified Ground Workings	1877	318173
EB	359m S	Unspecified Heaps	1876	255310
DN	360m S	Unspecified Ground Workings	1921	278840
DN	360m S	Unspecified Ground Workings	1914 - 1948	287621
DN	361m S	Old Coal Level	1901	264555



ID	Location	Land use	Dates present	Group ID
DN	362m S	Unspecified Ground Workings	1903	317820
DW	362m NE	Old Ironstone Level	1914	251113
DN	362m S	Unspecified Ground Workings	1921	312352
DW	364m NE	Old Ironstone Level	1921	251112
DW	365m NE	Unspecified Tank	1903	252728
EB	366m S	Unspecified Ground Workings	1921	290544
DN	367m S	Unspecified Heap	1964 - 1988	306534
DN	373m S	Old Level (Coal)	1914	275530
78	373m S	Unspecified Ground Workings	1964 - 1988	288913
EG	378m N	Unspecified Heap	1900	289720
79	379m W	Unspecified Ground Workings	1914	314406
EG	382m N	Unspecified Heap	1877	276852
EG	383m N	Unspecified Heap	1948	317221
EG	383m N	Unspecified Heap	1921	299840
EG	383m N	Unspecified Heap	1921	287636
EB	383m S	Unspecified Pit	1877	297808
DW	385m NE	Unspecified Old Level	1903	264807
EB	392m S	Unspecified Pit	1948	283435
EB	392m S	Unspecified Pit	1903	309633
EB	393m S	Unspecified Pit	1948	301107
EB	393m S	Unspecified Pit	1914	308683
EH	394m E	Unspecified Old Quarries	1903	262270
EI	395m SW	Cuttings	1876	289684
EH	395m E	Old Ironstone Quarry	1877	255862
EI	396m SW	Cuttings	1877	303116
EJ	397m S	Unspecified Pit	1876	268362
EF	397m NW	Unspecified Heap	1903 - 1914	288042
81	400m S	Refuse Heap	1964 - 1988	313478



ID	Location	Land use	Dates present	Group ID
EK	400m S	Unspecified Ground Workings	1877	300991
EJ	401m S	Unspecified Ground Workings	1964 - 1988	283975
DZ	402m N	Unspecified Tank	1877	252730
EF	402m NW	Unspecified Heap	1948	300071
EI	402m SE	Cuttings	1914	309467
EJ	403m S	Unspecified Old Quarries	1901	262280
EJ	403m S	Old Coal Level	1948	284420
EK	403m S	Unspecified Ground Workings	1921	273427
EK	404m S	Unspecified Heap	1914	304489
EI	404m SE	Cuttings	1921 - 1948	283886
EF	404m NW	Unspecified Heap	1965	296692
EB	404m S	Unspecified Pit	1921	286860
EJ	405m S	Old Coal Level	1921	303196
EJ	406m S	Old Coal Level	1903	315479
EI	407m SE	Cuttings	1921	279343
EI	410m SE	Cuttings	1921	289959
DN	410m S	Old Coal Level	1921	264556
EK	411m S	Unspecified Ground Workings	1921	299731
DZ	411m N	Railway Sidings	1900 - 1903	307339
DZ	415m N	Railway Sidings	1948	306733
EL	416m E	Unspecified Ground Workings	1948	277660
EL	416m E	Unspecified Ground Workings	1921	274155
DZ	416m N	Railway Sidings	1921	311303
DZ	417m N	Railway Buildings	1962 - 1977	280439
DZ	417m N	Railway Buildings	1948	278361
DZ	417m N	Railway Buildings	1900 - 1903	293722
DZ	420m N	Railway Building	1921	256578
DZ	420m N	Railway Buildings	1877	308538



ID	Location	Land use	Dates present	Group ID
EM	421m SE	Old Coal Level	1921	294600
EM	423m SE	Old Coal Level	1921 - 1948	306966
DZ	423m N	Railway Sidings	1921	284633
DZ	423m N	Junction Station	1921	263921
DZ	423m N	Railway Station	1921	265209
DZ	425m N	Railway Building	1921	256579
EM	425m SE	Old Coal Level	1921	272996
EL	426m E	Old Ironstone Quarry	1877	255860
EL	426m E	Unspecified Ground Workings	1903	304760
82	427m N	Railway Sidings	1877	302999
EN	427m NW	Unspecified Drift	1948	289640
EL	432m E	Unspecified Ground Workings	1921	281287
83	433m W	Old Coal Pit	1877	254224
EL	435m E	Unspecified Ground Workings	1914	313786
EN	436m N	Railway Sidings	1914	296057
DZ	437m N	Railway Buildings	1962	308769
DZ	437m N	Railway Building	1962	256580
EO	437m W	Old Ironstone Level	1948	303430
EP	439m NE	Unspecified Ground Workings	1977	293032
EP	440m NE	Unspecified Ground Workings	1877	297685
EN	440m N	Railway Sidings	1948	317043
EN	441m N	Railway Sidings	1921	283763
EN	441m N	Railway Sidings	1921	278741
EN	442m N	Railway Sidings	1921	301486
EF	442m NW	Unspecified Pit	1877	267965
EQ	443m NE	Cuttings	1877	301492
DZ	445m NE	Cuttings	1877	268991
EP	446m NE	Unspecified Ground Workings	1962	311201



ID	Location	Land use	Dates present	Group ID
EP	447m NE	Unspecified Ground Workings	1921	300609
ER	447m SE	Railway Sidings	1903	293524
EF	448m NW	Unspecified Ground Workings	1903	289691
EF	448m NW	Unspecified Ground Workings	1948 - 1965	290031
EP	449m NE	Unspecified Ground Workings	1921	282357
EP	449m NE	Unspecified Ground Workings	1921	294075
EP	452m NE	Unspecified Ground Workings	1900	286889
EP	453m NE	Unspecified Ground Workings	1903	280490
EN	453m N	Colliery	1914 - 1921	315445
EN	458m N	Colliery	1921	274181
EF	458m NW	Unspecified Heap	1877	259917
ER	459m SE	Tramway Sidings	1900	256937
DZ	461m NE	Railway Building	1962	300539
DZ	463m NE	Railway Building	1948	300080
DZ	463m N	Railway Building	1921	314070
DN	466m S	Old Coal Level	1921	264554
EN	466m N	Unspecified Drift	1921	291654
EO	467m W	Disused Old Ironstone Level	1877 - 1901	275416
EN	467m NW	Refuse Heap	1987	304638
EO	467m W	Unspecified Pit	1921	286468
EH	468m E	Unspecified Heap	1921 - 1948	291138
EO	468m W	Unspecified Pit	1903	278503
EO	468m W	Unspecified Pit	1901	295597
EN	468m N	Railway Building	1921	286696
EO	468m W	Old Ironstone Level	1914	316860
EO	469m W	Unspecified Pit	1948	309180
EO	469m W	Unspecified Pit	1921	276383
ES	469m S	Old Coal Level	1921	283269



ID	Location	Land use	Dates present	Group ID
EP	470m NE	Unspecified Tank	1877	252731
EH	470m E	Unspecified Ground Workings	1921	272605
EH	470m E	Unspecified Ground Workings	1914	315039
ES	471m S	Old Coal Level	1921	312663
ES	472m S	Old Coal Level	1948	302819
84	472m S	Ambulance Station	1981	270301
ET	472m E	Unspecified Heap	1877	309064
EK	473m S	Unspecified Ground Workings	1921 - 1948	284721
EP	473m NE	Unspecified Ground Workings	1877	316444
EF	474m NW	Cuttings	1921	268997
EQ	478m NE	Cuttings	1914 - 1965	293540
85	481m NW	Unspecified Old Quarry	1877	289067
EK	483m S	Unspecified Ground Workings	1964 - 1988	297022
EN	483m N	Unspecified Heap	1965	259929
EO	485m W	Old Ironstone Level	1921	317030
EN	485m N	Old Ironstone Quarry	1877	255863
EN	485m N	Unspecified Ground Workings	1903	267208
EO	486m W	Old Ironstone Level	1921	305014
EQ	486m NE	Cuttings	1903	313826
EU	487m S	Unspecified Ground Workings	1921	309100
EO	487m W	Unspecified Old Level	1903	264821
EO	487m W	Unspecified Ground Workings	1914	316301
EL	487m E	Unspecified Ground Workings	1921	314744
EO	487m W	Old Ironstone Level	1921	279678
EN	488m N	Refuse Heap	1914 - 1921	296641
EK	488m S	Unspecified Ground Workings	1903	276585
EK	489m S	Unspecified Ground Workings	1876	298622
EU	491m S	Unspecified Heap	1921	278274



ID	Location	Land use	Dates present	Group ID
EU	491m S	Old Coal Level	1948	295083
EN	492m N	Refuse Heap	1948	296806
EU	492m S	Unspecified Ground Workings	1876	283934
EL	492m E	Unspecified Ground Workings	1914	290159
EL	492m E	Unspecified Ground Workings	1914	294066
EU	493m S	Old Coal Level	1900	283173
ET	493m E	Unspecified Heap	1948	277084
EH	493m E	Unspecified Heap	1965 - 1987	300766
EU	494m S	Old Coal Level	1903	303774
ET	494m E	Unspecified Heap	1903	303656
EH	495m E	Unspecified Ground Workings	1921	282671
EO	497m W	Unspecified Pit	1965	304403
ET	497m E	Unspecified Ground Workings	1921	285174
EO	497m W	Unspecified Pit	1921 - 1948	314844
ET	498m E	Unspecified Heap	1903	279784
ET	498m E	Unspecified Heap	1877	317683
86	499m S	Unspecified Pit	1964 - 1988	280357

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

23

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 13**

ID	Location	Land use	Dates present	Group ID
37	On site	Unspecified Tank	1996	34169



ID	Location	Land use	Dates present	Group ID
B	On site	Unspecified Tank	1989	34102
B	On site	Unspecified Tank	1962	34103
F	On site	Unspecified Tank	1986	35389
F	On site	Unspecified Tank	1918	35638
F	On site	Unspecified Tank	1877	35686
F	On site	Unspecified Tank	1962	36092
H	On site	Unspecified Tank	1918	34175
I	On site	Tanks	1986 - 1997	35253
I	On site	Tanks	1986 - 1997	36763
CC	On site	Tanks	1997	34818
CC	On site	Unspecified Tank	1962 - 1986	36576
CD	On site	Unspecified Tank	1996	35177
CD	On site	Unspecified Tank	1989	35653
BA	26m SE	Unspecified Tank	1877	34168
CX	87m N	Unspecified Tank	1997	34171
DU	260m S	Unspecified Tank	1962	34961
DU	261m S	Unspecified Tank	1989 - 1990	35567
DW	367m NE	Unspecified Tank	1905 - 1919	36444
80	383m N	Unspecified Tank	1989	36170
DZ	405m N	Unspecified Tank	1877	34170
DZ	460m NE	Unspecified Tank	1962	34172
EP	479m NE	Unspecified Tank	1877	34173

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

3

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or



succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 13**

ID	Location	Land use	Dates present	Group ID
BX	On site	Electricity Substation	1980 - 1997	18481
BX	15m N	Electricity Substation	1980	18010
BX	17m N	Electricity Substation	1997	18254

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m	0
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Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m	0
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Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

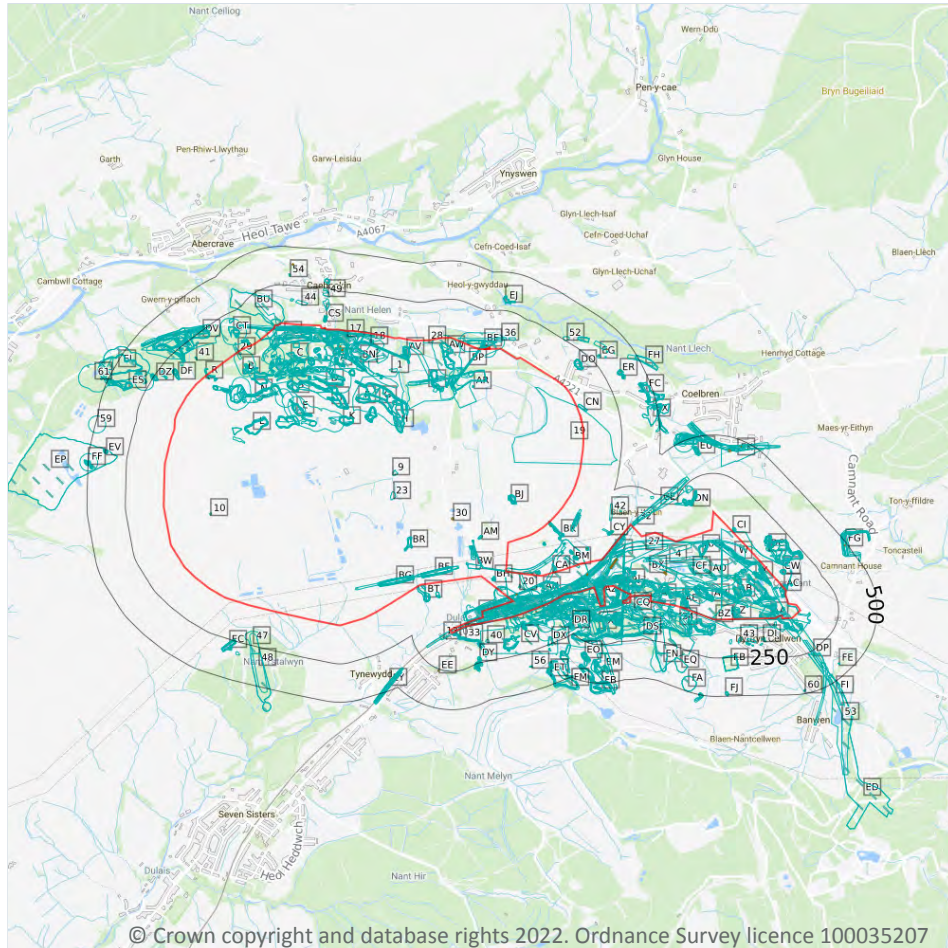
1.6 Historical military land

Records within 500m	0
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Areas of military land digitised from multiple sources including the National Archives, local records, MOD records and verified other sources, intelligently grouped into contiguous features.

This data is sourced from Ordnance Survey / Groundsure / other sources.

2 Past land use - un-grouped



- Site Outline
- Search buffers in metres (m)
- Historical industrial land uses
- Historical tanks
- Historical energy features

2.1 Historical industrial land uses

Records within 500m

1792

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 10,560 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 65**

ID	Location	Land Use	Date	Group ID
1	On site	Unspecified Ground Workings	1903	267108
2	On site	Unspecified Pit	1903	268288
3	On site	Refuse Heap	1948	271164



ID	Location	Land Use	Date	Group ID
4	On site	Refuse Heap	1948	305470
5	On site	Railway Sidings	1948	281321
6	On site	Tramway Sidings	1903	256934
7	On site	Railway Sidings	1901	271441
8	On site	Unspecified Level	1903	264333
9	On site	Unspecified Old Quarries	1877	262253
10	On site	Unspecified Old Quarry	1877	263445
11	On site	Cuttings	1877	268990
12	On site	Cuttings	1877	315225
13	On site	Cuttings	1877	268983
14	On site	Unspecified Ground Workings	1962	305706
15	On site	Unspecified Pit	1962	268355
16	On site	Unspecified Ground Workings	1965	274489
17	On site	Railway Buildings	1965	251560
18	On site	Railway Buildings	1965	251561
19	On site	Unspecified Disused Workings	1987	261694
20	On site	Unspecified Disused Level	1987	251311
21	On site	Refuse Heap	1948	271161
22	On site	Tramway Sidings	1903	256935
23	On site	Refuse Heap	1903	271162
24	On site	Old Coal Level	1903	264551
25	On site	Unspecified Ground Workings	1877	267030
26	On site	Unspecified Pit	1877	267953
27	On site	Railway Sidings	1921	315739
28	On site	Cuttings	1877	268994
29	On site	Cuttings	1877	268996
A	On site	Unspecified Ground Workings	1948	289588
A	On site	Unspecified Ground Workings	1877	267106



ID	Location	Land Use	Date	Group ID
A	On site	Old Coal Level	1877	264549
A	On site	Unspecified Heap	1948	295852
A	On site	Unspecified Heap	1948	259894
A	On site	Colliery	1948	289250
A	On site	Unspecified Old Levels	1903	269419
A	On site	Colliery	1903	294665
A	On site	Unspecified Old Levels	1903	269428
A	On site	Colliery	1877	277724
A	On site	Railway Station	1948	275282
A	On site	Engine House	1948	291088
A	On site	Purification Works	1948	302835
A	On site	Railway Sidings	1948	287595
A	On site	Railway Station	1903	316456
A	On site	Purification Works	1903	304257
A	On site	Engine House	1903	297263
A	On site	Railway Sidings	1903	278259
A	On site	Railway Sidings	1877	278259
A	On site	Coal Drift	1877	253546
A	On site	Sewage and Water Purification Works	1921	258758
A	On site	Unspecified Heap	1921	288349
A	On site	Railway Station	1921	293177
A	On site	Unspecified Drift	1921	295080
A	On site	Unspecified Old Level	1921	288583
A	On site	Unspecified Drift	1921	305309
A	On site	Unspecified Ground Workings	1921	267102
A	On site	Engine House	1921	283264
A	On site	Unspecified Ground Workings	1921	299613
A	On site	Refuse Heap	1921	316314



ID	Location	Land Use	Date	Group ID
A	On site	Colliery	1921	288977
A	On site	Tramway Sidings	1921	301828
A	On site	Unspecified Heap	1921	296005
A	On site	Railway Sidings	1921	298879
A	On site	Colliery	1914	317552
A	On site	Unspecified Heap	1914	276784
A	On site	Unspecified Heap	1914	312106
A	On site	Unspecified Drift	1914	292850
A	On site	Unspecified Drift	1914	317900
A	On site	Unspecified Ground Workings	1914	299613
A	On site	Railway Sidings	1914	318192
A	On site	Engine House	1914	283264
A	On site	Railway Station	1914	311073
A	On site	Tramway Sidings	1914	301828
A	On site	Unspecified Ground Workings	1914	318415
A	On site	Unspecified Old Level	1914	288583
A	On site	Unspecified Heap	1965	294749
A	On site	Unspecified Heaps	1965	255301
A	On site	Railway Station	1965	299847
A	On site	Unspecified Mine	1965	255761
A	On site	Railway Sidings	1965	300881
A	On site	Railway Buildings	1965	251559
A	On site	Railway Building	1965	256586
A	On site	Railway Building	1965	256584
A	On site	Railway Building	1965	256583
A	On site	Engine House	1921	312911
A	On site	Colliery	1921	317552
A	On site	Railway Station	1921	275282



ID	Location	Land Use	Date	Group ID
A	On site	Railway Building	1921	256585
A	On site	Unspecified Heap	1921	302454
A	On site	Unspecified Ground Workings	1921	283840
A	On site	Unspecified Heap	1921	284220
A	On site	Refuse Heap	1921	300457
A	On site	Unspecified Heap	1921	282449
A	On site	Unspecified Heap	1921	294196
A	On site	Railway Sidings	1921	318192
A	On site	Unspecified Drift	1948	293954
A	On site	Unspecified Drift	1948	312460
A	On site	Unspecified Drift	1903	297956
A	On site	Unspecified Drift	1903	258727
A	On site	Unspecified Drift	1921	258728
A	On site	Unspecified Drift	1921	258725
A	On site	Colliery	1921	317552
A	On site	Unspecified Drift	1921	295080
A	On site	Unspecified Heap	1921	302454
A	On site	Unspecified Ground Workings	1921	283840
A	On site	Unspecified Heap	1921	284220
A	On site	Refuse Heap	1921	300457
A	On site	Unspecified Heap	1921	282449
A	On site	Unspecified Heap	1921	294196
B	On site	Unspecified Pit	1948	297436
B	On site	Unspecified Pit	1903	312047
B	On site	Unspecified Heap	1948	293914
B	On site	Unspecified Heap	1903	298739
B	On site	Unspecified Heaps	1877	255304
B	On site	Unspecified Ground Workings	1921	313560



ID	Location	Land Use	Date	Group ID
B	On site	Unspecified Ground Workings	1914	282544
B	On site	Unspecified Heap	1965	288308
B	On site	Unspecified Ground Workings	1921	286986
B	On site	Unspecified Ground Workings	1921	286986
C	On site	Unspecified Ground Workings	1948	291181
C	On site	Unspecified Ground Workings	1948	310312
C	On site	Unspecified Ground Workings	1948	316833
C	On site	Unspecified Pit	1948	289583
C	On site	Unspecified Pit	1903	292592
C	On site	Unspecified Pit	1903	268287
C	On site	Unspecified Pit	1903	310961
C	On site	Unspecified Pit	1903	308437
C	On site	Old Coal Level	1877	264544
C	On site	Old Coal Level	1877	264545
C	On site	Unspecified Pit	1877	284706
C	On site	Unspecified Old Level	1948	288235
C	On site	Unspecified Heap	1948	291000
C	On site	Unspecified Heap	1948	259923
C	On site	Unspecified Old Levels	1948	271574
C	On site	Unspecified Heap	1903	276402
C	On site	Unspecified Heap	1903	276926
C	On site	Unspecified Heaps	1903	302954
C	On site	Unspecified Heap	1903	290499
C	On site	Unspecified Heap	1903	259921
C	On site	Unspecified Heap	1903	259892
C	On site	Unspecified Heaps	1903	312285
C	On site	Unspecified Heap	1903	259893
C	On site	Unspecified Heaps	1877	305874



ID	Location	Land Use	Date	Group ID
C	On site	Unspecified Heaps	1877	302954
C	On site	Unspecified Heaps	1877	255305
C	On site	Unspecified Heap	1877	318140
C	On site	Coal Levels	1877	263573
C	On site	Coal Levels	1877	263571
C	On site	Unspecified Ground Workings	1948	313739
C	On site	Unspecified Pit	1948	310005
C	On site	Unspecified Old Levels	1948	278429
C	On site	Unspecified Old Levels	1948	278429
C	On site	Unspecified Old Level	1903	272571
C	On site	Unspecified Heaps	1877	312698
C	On site	Unspecified Old Drift	1877	261411
C	On site	Unspecified Old Quarry	1877	263439
C	On site	Unspecified Old Levels	1921	290326
C	On site	Unspecified Ground Workings	1921	267105
C	On site	Unspecified Ground Workings	1921	267104
C	On site	Unspecified Old Levels	1921	291348
C	On site	Unspecified Old Level	1921	295112
C	On site	Unspecified Ground Workings	1921	279804
C	On site	Unspecified Ground Workings	1921	289215
C	On site	Unspecified Ground Workings	1921	303672
C	On site	Unspecified Ground Workings	1921	278068
C	On site	Unspecified Ground Workings	1921	274558
C	On site	Unspecified Pit	1921	315696
C	On site	Unspecified Heap	1921	312010
C	On site	Unspecified Ground Workings	1914	281747
C	On site	Unspecified Ground Workings	1914	283580
C	On site	Unspecified Pit	1914	277505



ID	Location	Land Use	Date	Group ID
C	On site	Unspecified Ground Workings	1914	303672
C	On site	Unspecified Ground Workings	1914	311076
C	On site	Unspecified Old Level	1914	264809
C	On site	Unspecified Old Level	1914	264811
C	On site	Unspecified Old Level	1914	264808
C	On site	Unspecified Heaps	1914	255302
C	On site	Unspecified Ground Workings	1914	277686
C	On site	Unspecified Old Level	1914	295112
C	On site	Unspecified Disused Level	1965	251290
C	On site	Unspecified Disused Levels	1965	250808
C	On site	Unspecified Disused Levels	1965	250807
C	On site	Unspecified Disused Levels	1965	250809
C	On site	Unspecified Disused Levels	1965	250806
C	On site	Unspecified Heap	1965	278150
C	On site	Unspecified Heap	1965	291000
C	On site	Unspecified Heaps	1965	283614
C	On site	Unspecified Heaps	1965	311138
C	On site	Unspecified Heap	1965	259891
C	On site	Unspecified Ground Workings	1965	273982
C	On site	Unspecified Ground Workings	1965	279789
C	On site	Unspecified Pit	1965	291762
C	On site	Unspecified Pit	1965	302794
C	On site	Unspecified Ground Workings	1965	290984
C	On site	Unspecified Ground Workings	1965	299147
C	On site	Unspecified Ground Workings	1965	301690
C	On site	Unspecified Ground Workings	1965	274960
C	On site	Unspecified Old Levels	1921	284423
C	On site	Unspecified Old Levels	1921	294210



ID	Location	Land Use	Date	Group ID
C	On site	Unspecified Old Levels	1921	271574
C	On site	Unspecified Old Levels	1921	286371
C	On site	Unspecified Old Levels	1921	282905
C	On site	Unspecified Heap	1921	301918
C	On site	Unspecified Ground Workings	1921	280525
C	On site	Unspecified Heaps	1921	286527
C	On site	Unspecified Pit	1921	277505
C	On site	Unspecified Heap	1921	313231
C	On site	Unspecified Ground Workings	1921	303265
C	On site	Unspecified Ground Workings	1921	313985
C	On site	Unspecified Ground Workings	1921	313614
C	On site	Unspecified Ground Workings	1921	299054
C	On site	Unspecified Old Level	1921	297346
C	On site	Unspecified Old Levels	1921	284423
C	On site	Unspecified Old Levels	1921	294210
C	On site	Unspecified Old Levels	1921	271574
C	On site	Unspecified Old Levels	1921	286371
C	On site	Unspecified Old Levels	1921	282905
C	On site	Unspecified Heap	1921	301918
C	On site	Unspecified Ground Workings	1921	280525
C	On site	Unspecified Heaps	1921	271919
C	On site	Unspecified Pit	1921	277505
C	On site	Unspecified Heap	1921	313231
C	On site	Unspecified Ground Workings	1921	303265
C	On site	Unspecified Ground Workings	1921	313985
C	On site	Unspecified Ground Workings	1921	313614
C	On site	Unspecified Ground Workings	1921	302877
C	On site	Unspecified Old Level	1921	297346



ID	Location	Land Use	Date	Group ID
C	On site	Unspecified Old Quarries	1877	262254
D	On site	Unspecified Ground Workings	1948	301690
D	On site	Unspecified Ground Workings	1903	307573
D	On site	Unspecified Heap	1948	274170
D	On site	Unspecified Heap	1903	273456
D	On site	Unspecified Heap	1965	299990
E	On site	Unspecified Ground Workings	1948	289690
E	On site	Unspecified Ground Workings	1903	315421
E	On site	Coal Level	1877	270730
E	On site	Unspecified Ground Workings	1921	274136
E	On site	Unspecified Ground Workings	1914	289690
E	On site	Unspecified Heaps	1965	255307
E	On site	Unspecified Ground Workings	1921	289690
E	On site	Unspecified Ground Workings	1921	289690
F	On site	Unspecified Pit	1948	318397
F	On site	Unspecified Pit	1903	278248
F	On site	Unspecified Ground Workings	1965	287083
G	On site	Unspecified Ground Workings	1948	311484
G	On site	Unspecified Ground Workings	1903	287944
G	On site	Unspecified Heap	1948	272235
G	On site	Unspecified Heaps	1948	285237
G	On site	Unspecified Heap	1903	289563
G	On site	Unspecified Heap	1903	259912
G	On site	Unspecified Heaps	1903	289748
G	On site	Unspecified Ground Workings	1921	286789
G	On site	Unspecified Ground Workings	1914	295544
G	On site	Unspecified Heaps	1965	285237
G	On site	Unspecified Ground Workings	1965	278275



ID	Location	Land Use	Date	Group ID
G	On site	Unspecified Ground Workings	1965	278206
G	On site	Refuse Heap	1987	271163
G	On site	Unspecified Ground Workings	1921	287741
G	On site	Unspecified Old Quarry	1877	263438
G	On site	Unspecified Ground Workings	1921	283296
H	On site	Unspecified Pit	1948	271863
H	On site	Unspecified Pit	1903	290440
H	On site	Unspecified Ground Workings	1965	282896
I	On site	Unspecified Pit	1948	268290
I	On site	Unspecified Ground Workings	1903	307943
I	On site	Old Coal Levels	1948	299860
I	On site	Unspecified Heaps	1948	300390
I	On site	Unspecified Heap	1948	289205
I	On site	Refuse Heap	1948	271177
I	On site	Unspecified Heap	1948	311947
I	On site	Colliery	1948	305438
I	On site	Unspecified Heap	1903	289098
I	On site	Unspecified Old Levels	1903	269439
I	On site	Unspecified Old Level	1903	264812
I	On site	Unspecified Heap	1877	259924
I	On site	Old Coal Levels	1921	276485
I	On site	Old Coal Levels	1921	276423
I	On site	Unspecified Heap	1921	289205
I	On site	Unspecified Ground Workings	1921	267109
I	On site	Unspecified Ground Workings	1921	315252
I	On site	Colliery	1921	293182
I	On site	Unspecified Heap	1921	259925
I	On site	Unspecified Ground Workings	1914	275584



ID	Location	Land Use	Date	Group ID
I	On site	Unspecified Heap	1914	313978
I	On site	Colliery	1914	311573
I	On site	Old Coal Levels	1914	301621
I	On site	Old Coal Levels	1914	283659
I	On site	Old Coal Levels	1914	276485
I	On site	Unspecified Disused Levels	1965	295459
I	On site	Unspecified Disused Levels	1965	279028
I	On site	Unspecified Heaps	1965	300390
I	On site	Unspecified Heap	1965	259926
I	On site	Unspecified Disused Drift	1987	255783
I	On site	Unspecified Disused Levels	1987	308092
I	On site	Unspecified Disused Levels	1987	288643
I	On site	Old Coal Levels	1921	293445
I	On site	Old Coal Levels	1921	315643
I	On site	Old Coal Levels	1921	283058
I	On site	Old Coal Levels	1921	273886
I	On site	Old Coal Levels	1921	288169
I	On site	Refuse Heap	1921	304393
I	On site	Old Coal Levels	1921	293445
I	On site	Old Coal Levels	1921	315643
I	On site	Old Coal Levels	1921	283058
I	On site	Old Coal Levels	1921	273886
I	On site	Old Coal Levels	1921	288169
I	On site	Refuse Heap	1921	304393
J	On site	Unspecified Pit	1948	287376
J	On site	Unspecified Pit	1903	310393
J	On site	Unspecified Heap	1948	289867
J	On site	Unspecified Heap	1903	307364



ID	Location	Land Use	Date	Group ID
J	On site	Unspecified Pit	1921	311083
J	On site	Unspecified Pit	1965	287376
J	On site	Unspecified Ground Workings	1965	279157
J	On site	Unspecified Ground Workings	1965	282940
K	On site	Unspecified Ground Workings	1948	294656
K	On site	Unspecified Ground Workings	1903	281138
K	On site	Unspecified Ground Workings	1921	308112
K	On site	Unspecified Ground Workings	1914	308112
K	On site	Unspecified Heap	1965	259910
K	On site	Unspecified Ground Workings	1921	292666
K	On site	Unspecified Old Quarry	1877	274913
K	On site	Unspecified Ground Workings	1921	292666
L	On site	Unspecified Ground Workings	1948	303796
L	On site	Unspecified Ground Workings	1903	313613
L	On site	Unspecified Ground Workings	1877	278496
L	On site	Unspecified Heap	1921	306478
L	On site	Unspecified Heap	1914	314033
L	On site	Unspecified Ground Workings	1965	276501
L	On site	Unspecified Heap	1921	305821
L	On site	Unspecified Heap	1921	305821
M	On site	Unspecified Ground Workings	1948	275937
M	On site	Unspecified Ground Workings	1903	272211
M	On site	Unspecified Ground Workings	1921	277054
M	On site	Unspecified Ground Workings	1914	308692
M	On site	Unspecified Heaps	1965	255308
M	On site	Unspecified Ground Workings	1921	276604
M	On site	Unspecified Old Quarry	1877	263444
M	On site	Unspecified Ground Workings	1921	276604



ID	Location	Land Use	Date	Group ID
N	On site	Unspecified Ground Workings	1948	308144
N	On site	Unspecified Ground Workings	1903	297387
N	On site	Old Coal Level	1877	264547
N	On site	Old Coal Level	1877	264548
N	On site	Unspecified Pit	1877	267955
N	On site	Unspecified Pit	1877	267954
N	On site	Unspecified Old Levels	1903	269430
N	On site	Unspecified Old Levels	1903	269429
N	On site	Unspecified Heap	1903	259914
N	On site	Unspecified Heap	1877	259911
N	On site	Old Coal Levels	1948	281680
N	On site	Old Coal Levels	1921	278263
N	On site	Old Coal Levels	1921	318063
N	On site	Unspecified Ground Workings	1921	309146
N	On site	Old Coal Levels	1914	290717
N	On site	Unspecified Ground Workings	1914	297387
N	On site	Unspecified Disused Levels	1965	250800
N	On site	Unspecified Ground Workings	1965	307068
N	On site	Unspecified Ground Workings	1965	308144
N	On site	Old Coal Levels	1921	300929
N	On site	Unspecified Old Quarry	1877	263443
N	On site	Old Coal Levels	1921	283343
O	On site	Unspecified Ground Workings	1948	275888
O	On site	Unspecified Pit	1948	291826
O	On site	Unspecified Ground Workings	1903	303975
O	On site	Unspecified Pit	1903	289231
O	On site	Unspecified Heap	1948	302285
O	On site	Unspecified Heap	1903	277864



ID	Location	Land Use	Date	Group ID
O	On site	Unspecified Ground Workings	1921	290258
O	On site	Unspecified Ground Workings	1914	288708
O	On site	Unspecified Heaps	1965	255309
O	On site	Unspecified Ground Workings	1921	295692
O	On site	Unspecified Old Quarry	1877	263440
O	On site	Unspecified Ground Workings	1921	295692
P	On site	Unspecified Pit	1948	297834
P	On site	Unspecified Pit	1903	294220
P	On site	Unspecified Old Quarry	1877	274913
P	On site	Unspecified Ground Workings	1965	273235
Q	On site	Unspecified Pit	1948	276688
Q	On site	Unspecified Pit	1903	283955
Q	On site	Unspecified Heap	1948	287668
Q	On site	Unspecified Heap	1903	297117
Q	On site	Unspecified Ground Workings	1921	315617
Q	On site	Unspecified Ground Workings	1914	274872
Q	On site	Unspecified Heap	1965	288953
Q	On site	Unspecified Pit	1965	275612
Q	On site	Unspecified Ground Workings	1921	281848
Q	On site	Unspecified Old Quarry	1877	263446
Q	On site	Unspecified Ground Workings	1921	281848
R	On site	Unspecified Ground Workings	1903	307735
R	On site	Unspecified Ground Workings	1877	307735
R	On site	Unspecified Ground Workings	1921	317519
R	On site	Unspecified Pit	1921	273207
R	On site	Unspecified Ground Workings	1921	317519
R	On site	Unspecified Pit	1921	273207
S	On site	Unspecified Ground Workings	1903	273210



ID	Location	Land Use	Date	Group ID
S	On site	Unspecified Heap	1948	299559
S	On site	Unspecified Heap	1948	259913
S	On site	Unspecified Heap	1903	277804
S	On site	Unspecified Heap	1965	307405
S	On site	Unspecified Ground Workings	1965	299233
T	On site	Unspecified Ground Workings	1903	282122
T	On site	Unspecified Ground Workings	1965	309785
U	On site	Unspecified Ground Workings	1877	282148
U	On site	Unspecified Heap	1948	308483
U	On site	Unspecified Heap	1948	259915
U	On site	Unspecified Heap	1903	272425
U	On site	Unspecified Heap	1921	291778
U	On site	Unspecified Heap	1914	272425
U	On site	Old Coal Levels	1921	289182
U	On site	Old Coal Levels	1921	289182
V	On site	Unspecified Pit	1877	268286
V	On site	Unspecified Ground Workings	1921	288542
V	On site	Unspecified Ground Workings	1921	288542
W	On site	Unspecified Ground Workings	1948	312767
W	On site	Unspecified Pit	1903	293410
W	On site	Unspecified Pit	1903	293410
W	On site	Unspecified Ground Workings	1877	289685
W	On site	Unspecified Ground Workings	1900	301100
W	On site	Unspecified Ground Workings	1921	281098
W	On site	Refuse Heap	1977	284282
W	On site	Unspecified Ground Workings	1921	283740
W	On site	Unspecified Ground Workings	1921	283740
X	On site	Unspecified Ground Workings	1948	295920

ID	Location	Land Use	Date	Group ID
X	On site	Old Coal Level	1903	264558
X	On site	Unspecified Ground Workings	1877	278283
X	On site	Unspecified Ground Workings	1921	295920
X	On site	Unspecified Old Quarries	1900	262273
Y	On site	Unspecified Pit	1948	268357
Y	On site	Unspecified Ground Workings	1877	309303
Y	On site	Unspecified Ground Workings	1921	273978
Y	On site	Unspecified Ground Workings	1921	294693
Y	On site	Railway Sidings	1962	271446
Y	On site	Unspecified Ground Workings	1962	284785
Y	On site	Unspecified Ground Workings	1921	273978
Y	On site	Unspecified Ground Workings	1921	273978
Y	On site	Unspecified Old Quarries	1903	293269
Y	On site	Unspecified Old Quarries	1900	293269
Z	On site	Unspecified Pit	1948	317441
Z	On site	Unspecified Ground Workings	1948	292892
Z	On site	Unspecified Pit	1903	304864
Z	On site	Unspecified Pit	1877	296945
Z	On site	Unspecified Ground Workings	1877	284538
Z	On site	Unspecified Pit	1900	296750
Z	On site	Unspecified Heap	1903	279010
Z	On site	Unspecified Heap	1900	279010
Z	On site	Unspecified Ground Workings	1921	310545
Z	On site	Unspecified Ground Workings	1921	313903
Z	On site	Unspecified Heap	1962	260001
Z	On site	Unspecified Ground Workings	1962	271858
Z	On site	Unspecified Ground Workings	1921	313903
Z	On site	Unspecified Ground Workings	1921	313903



ID	Location	Land Use	Date	Group ID
AA	On site	Unspecified Pit	1948	286251
AA	On site	Unspecified Ground Workings	1948	300839
AA	On site	Old Coal Level	1903	264562
AA	On site	Old Coal Pit	1903	254229
AA	On site	Unspecified Pit	1877	317882
AA	On site	Unspecified Pit	1877	280736
AA	On site	Old Coal Level	1900	264559
AA	On site	Unspecified Ground Workings	1921	278369
AA	On site	Old Coal Level	1921	308137
AA	On site	Old Coal Level	1921	308137
AA	On site	Unspecified Ground Workings	1921	279812
AA	On site	Unspecified Ground Workings	1962	303639
AA	On site	Unspecified Ground Workings	1962	275962
AA	On site	Refuse Heap	1977	271213
AA	On site	Old Coal Level	1921	305435
AA	On site	Unspecified Ground Workings	1921	278369
AA	On site	Old Coal Level	1921	305435
AA	On site	Unspecified Ground Workings	1921	278369
AB	On site	Unspecified Ground Workings	1948	300418
AB	On site	Unspecified Ground Workings	1903	291709
AB	On site	Unspecified Ground Workings	1877	316358
AB	On site	Unspecified Ground Workings	1877	281133
AB	On site	Unspecified Ground Workings	1900	291709
AB	On site	Unspecified Heaps	1948	255313
AB	On site	Unspecified Heap	1903	277534
AB	On site	Unspecified Heap	1903	288102
AB	On site	Unspecified Heap	1877	317835
AB	On site	Unspecified Heap	1877	259996



ID	Location	Land Use	Date	Group ID
AB	On site	Unspecified Heap	1900	288102
BA	On site	Lime Kiln	1876	300179
AB	On site	Unspecified Ground Workings	1921	291709
BA	On site	Railway Sidings	1921	294448
AB	On site	Unspecified Ground Workings	1921	307231
AB	On site	Unspecified Ground Workings	1876	287868
AB	On site	Refuse Heap	1977	271212
AB	On site	Railway Sidings	1977	307344
BA	On site	Lime Kiln	1877	300179
AB	On site	Unspecified Ground Workings	1921	291709
AB	On site	Unspecified Ground Workings	1921	291709
AC	On site	Old Coal Level	1948	264563
AC	On site	Unspecified Heap	1877	259992
AC	On site	Unspecified Heap	1877	259993
BB	On site	Railway Sidings	1876	274820
AC	On site	Unspecified Ground Workings	1921	283393
AC	On site	Unspecified Ground Workings	1921	272564
AC	On site	Unspecified Ground Workings	1876	284949
AC	On site	Unspecified Disused Level	1962	251313
AC	On site	Unspecified Ground Workings	1962	314240
CA	On site	Tramway Sidings	1903	256936
AC	On site	Unspecified Ground Workings	1921	296041
AC	On site	Unspecified Ground Workings	1921	296041
AD	On site	Unspecified Pit	1948	275617
AD	On site	Unspecified Pit	1903	287374
AD	On site	Unspecified Pit	1877	273853
BC	On site	Disused Colliery	1948	255690
BC	On site	Colliery	1903	280747



ID	Location	Land Use	Date	Group ID
AD	On site	Unspecified Pit	1921	303691
AD	On site	Unspecified Pit	1921	302946
AD	On site	Cuttings	1921	295362
CB	On site	Unspecified Heap	1921	287824
AD	On site	Unspecified Pit	1921	302946
CB	On site	Unspecified Heap	1921	287824
AD	On site	Cuttings	1921	295362
AD	On site	Unspecified Pit	1921	302946
AD	On site	Unspecified Old Quarries	1900	262274
AE	On site	Unspecified Ground Workings	1948	280412
AE	On site	Unspecified Ground Workings	1877	311442
BD	On site	Unspecified Disused Mine	1965	315958
BD	On site	Unspecified Disused Mine	1987	315958
BD	On site	Colliery	1921	309439
BD	On site	Engine House	1921	280030
AE	On site	Unspecified Ground Workings	1921	280412
AE	On site	Unspecified Pit	1921	312007
BD	On site	Engine House	1921	252911
BD	On site	Railway Sidings	1921	276448
BD	On site	Railway Sidings	1921	314850
BD	On site	Colliery	1921	287940
AE	On site	Unspecified Pit	1921	312983
BD	On site	Engine House	1914	280030
BD	On site	Refuse Heap	1914	284384
BD	On site	Colliery	1914	309439
BD	On site	Engine House	1914	280030
BD	On site	Refuse Heap	1914	311944
BD	On site	Colliery	1914	309439



ID	Location	Land Use	Date	Group ID
AE	On site	Unspecified Ground Workings	1876	311442
BD	On site	Unspecified Disused Level	1965	251336
AE	On site	Unspecified Ground Workings	1965	280412
BD	On site	Unspecified Disused Shaft	1987	269303
BD	On site	Unspecified Ground Workings	1948	267029
BD	On site	Unspecified Heap	1903	260014
CC	On site	Unspecified Heap	1921	303114
BD	On site	Colliery	1921	309439
BD	On site	Engine House	1921	252910
AE	On site	Unspecified Pit	1921	297830
CC	On site	Unspecified Heap	1921	303114
BD	On site	Colliery	1921	309439
AE	On site	Unspecified Pit	1921	297830
AF	On site	Unspecified Pit	1948	275754
AF	On site	Unspecified Pit	1903	307779
BE	On site	Colliery	1948	315562
BE	On site	Unspecified Drift	1948	304055
AF	On site	Unspecified Heap	1921	259995
CD	On site	Unspecified Ground Workings	1921	295774
BE	On site	Tramway Sidings	1921	297259
CD	On site	Unspecified Ground Workings	1921	295774
AG	On site	Unspecified Ground Workings	1948	280411
AG	On site	Unspecified Ground Workings	1903	276015
AG	On site	Unspecified Ground Workings	1877	276515
BF	On site	Cuttings	1965	287661
BF	On site	Cuttings	1987	287661
BF	On site	Cuttings	1921	287661
AG	On site	Unspecified Ground Workings	1921	280411



ID	Location	Land Use	Date	Group ID
AG	On site	Cuttings	1921	297179
AG	On site	Unspecified Ground Workings	1921	303714
BF	On site	Cuttings	1948	287661
BF	On site	Cuttings	1903	287661
BF	On site	Cuttings	1921	287661
AG	On site	Unspecified Ground Workings	1921	305582
BF	On site	Cuttings	1914	287661
BF	On site	Cuttings	1914	287661
AG	On site	Unspecified Ground Workings	1876	317643
CE	On site	Railway Sidings	1921	315739
AG	On site	Unspecified Ground Workings	1921	305582
BF	On site	Cuttings	1901	274074
BF	On site	Cuttings	1921	277448
AG	On site	Unspecified Ground Workings	1921	305582
AG	On site	Unspecified Old Quarries	1900	295218
AH	On site	Unspecified Pit	1948	273249
AH	On site	Unspecified Ground Workings	1903	284684
AH	On site	Unspecified Pit	1877	284641
AH	On site	Unspecified Pit	1900	284641
AH	On site	Colliery	1948	281968
AH	On site	Refuse Heaps	1948	269368
BG	On site	Cuttings	1965	277450
BG	On site	Cuttings	1987	277450
BG	On site	Cuttings	1921	308875
AH	On site	Unspecified Ground Workings	1921	312646
BG	On site	Cuttings	1948	308875
BG	On site	Cuttings	1903	308875
BG	On site	Cuttings	1921	308875



ID	Location	Land Use	Date	Group ID
AH	On site	Unspecified Ground Workings	1921	289925
BG	On site	Cuttings	1914	308875
BG	On site	Cuttings	1914	308875
AH	On site	Refuse Heap	1965	297391
AH	On site	Refuse Heap	1987	290347
AH	On site	Unspecified Ground Workings	1921	312646
CF	On site	Unspecified Ground Workings	1921	278352
BG	On site	Cuttings	1901	308875
BG	On site	Cuttings	1921	308875
AH	On site	Unspecified Ground Workings	1921	312646
CF	On site	Unspecified Ground Workings	1921	278352
AI	On site	Unspecified Pit	1903	303971
AI	On site	Unspecified Pit	1877	314945
AI	On site	Old Coal Level	1900	280440
BH	On site	Unspecified Heap	1921	305167
AI	On site	Unspecified Pit	1921	296142
BH	On site	Unspecified Heap	1921	297045
AI	On site	Old Coal Level	1921	288964
BH	On site	Unspecified Heap	1914	297045
BH	On site	Unspecified Heap	1914	297045
BH	On site	Unspecified Heap	1948	282876
BH	On site	Unspecified Heap	1877	318197
BH	On site	Unspecified Heap	1921	282833
AI	On site	Old Coal Level	1921	290598
BH	On site	Unspecified Heap	1921	282833
AI	On site	Old Coal Level	1921	290598
AJ	On site	Unspecified Ground Workings	1903	285822
AJ	On site	Unspecified Ground Workings	1877	271420



ID	Location	Land Use	Date	Group ID
AJ	On site	Unspecified Ground Workings	1900	299806
AJ	On site	Brick Works	1948	255794
BI	On site	Refuse Heap	1921	311636
AJ	On site	Unspecified Ground Workings	1921	281061
AJ	On site	Unspecified Ground Workings	1921	272383
BI	On site	Refuse Heap	1921	297858
BI	On site	Refuse Heap	1914	279264
BI	On site	Shale Tip	1914	310028
BI	On site	Refuse Heap	1914	279264
BI	On site	Shale Tip	1914	310028
AJ	On site	Unspecified Tank	1876	252732
BI	On site	Unspecified Heaps	1965	279393
AJ	On site	Refuse Heap	1965	271160
AJ	On site	Unspecified Works	1965	287435
BI	On site	Unspecified Heaps	1987	279393
AJ	On site	Railway Buildings	1987	251569
BI	On site	Refuse Heap	1948	290177
BI	On site	Refuse Heap	1921	292443
BI	On site	Refuse Heap	1921	292443
AJ	On site	Cuttings	1921	297179
AK	On site	Unspecified Ground Workings	1877	316370
BJ	On site	Unspecified Ground Workings	1921	287064
BJ	On site	Unspecified Ground Workings	1921	314766
BJ	On site	Unspecified Ground Workings	1914	274849
BJ	On site	Unspecified Ground Workings	1914	274849
AK	On site	Unspecified Heap	1965	259994
BJ	On site	Unspecified Ground Workings	1965	293663
BJ	On site	Unspecified Ground Workings	1948	304356



ID	Location	Land Use	Date	Group ID
BJ	On site	Unspecified Pit	1903	287065
BJ	On site	Unspecified Heap	1877	259930
BJ	On site	Unspecified Pit	1877	313796
BJ	On site	Unspecified Ground Workings	1877	290641
BJ	On site	Unspecified Ground Workings	1921	302339
BJ	On site	Unspecified Ground Workings	1921	301070
AL	On site	Unspecified Ground Workings	1876	307566
AL	On site	Unspecified Ground Workings	1901	271415
AL	On site	Unspecified Ground Workings	1901	307692
AL	On site	Unspecified Heap	1901	290823
AL	On site	Railway Sidings	1921	312661
AL	On site	Railway Building	1921	281758
AL	On site	Unspecified Ground Workings	1921	286300
AL	On site	Unspecified Ground Workings	1921	299415
BK	On site	Unspecified Ground Workings	1921	285813
AL	On site	Railway Sidings	1921	276459
AL	On site	Railway Building	1921	256592
AL	On site	Unspecified Ground Workings	1921	305582
AL	On site	Unspecified Ground Workings	1921	305582
BK	On site	Unspecified Ground Workings	1914	285813
AL	On site	Unspecified Ground Workings	1914	286301
AL	On site	Unspecified Ground Workings	1914	305582
AL	On site	Colliery	1914	291141
BK	On site	Unspecified Ground Workings	1914	285813
AL	On site	Unspecified Ground Workings	1914	286301
AL	On site	Unspecified Ground Workings	1914	305582
AL	On site	Colliery	1914	291141
AL	On site	Refuse Heap	1965	273792



ID	Location	Land Use	Date	Group ID
AL	On site	Railway Building	1965	315393
AL	On site	Railway Building	1987	315393
AL	On site	Unspecified Tanks	1987	261363
AL	On site	Refuse Heap	1987	273792
AL	On site	Unspecified Ground Workings	1948	273443
BK	On site	Unspecified Ground Workings	1948	275250
AL	On site	Unspecified Ground Workings	1877	307566
BK	On site	Unspecified Ground Workings	1877	305148
AL	On site	Railway Building	1921	296919
AL	On site	Unspecified Ground Workings	1921	305582
BK	On site	Unspecified Pits	1921	316640
AL	On site	Unspecified Ground Workings	1921	305582
BK	On site	Unspecified Pits	1921	316640
AM	On site	Old Coal Level	1901	277116
AM	On site	Old Coal Level	1921	283632
AM	On site	Unspecified Heap	1921	313186
AM	On site	Unspecified Heap	1921	293063
BL	On site	Unspecified Ground Workings	1921	311722
AM	On site	Old Coal Level	1921	283632
AM	On site	Old Level (Coal)	1914	304456
AM	On site	Unspecified Ground Workings and Heap	1914	296266
AM	On site	Old Level (Coal)	1914	304456
AM	On site	Unspecified Ground Workings and Heap	1914	296266
BL	On site	Unspecified Ground Workings	1876	277463
AM	On site	Unspecified Ground Workings	1965	306003
AM	On site	Unspecified Ground Workings	1987	306003
AM	On site	Unspecified Heap	1948	283233
AM	On site	Unspecified Heap	1948	297678



ID	Location	Land Use	Date	Group ID
AM	On site	Old Coal Level	1948	298071
AM	On site	Coal Level	1903	270731
AM	On site	Old Coal Level	1877	277116
AM	On site	Old Coal Level	1921	298071
AM	On site	Unspecified Heap	1921	306311
AM	On site	Unspecified Heap	1921	293659
AM	On site	Old Coal Level	1921	298071
AM	On site	Unspecified Heap	1921	306311
AM	On site	Unspecified Heap	1921	293659
AN	On site	Old Coal Pit	1901	292772
AN	On site	Railway Sidings	1921	274754
AN	On site	Old Shaft	1921	270280
AN	On site	Slant	1921	261774
AN	On site	Old Shaft	1921	270281
BM	On site	Cuttings	1877	268987
AN	On site	Trial Slant	1921	256118
AN	On site	Unspecified Old Shaft	1921	270068
AN	On site	Railway Sidings	1921	303148
AN	On site	Unspecified Old Shaft	1921	270062
AN	On site	Unspecified Heap	1921	260013
AN	On site	Unspecified Old Shaft	1914	274568
AN	On site	Trial Slant	1914	306839
AN	On site	Unspecified Old Shaft	1914	315068
AN	On site	Unspecified Old Shaft	1914	274568
AN	On site	Trial Slant	1914	306839
AN	On site	Unspecified Old Shaft	1914	315068
AN	On site	Unspecified Disused Level	1965	312035
AN	On site	Unspecified Disused Level	1987	312035



ID	Location	Land Use	Date	Group ID
AN	On site	Unspecified Old Shaft	1948	291888
AN	On site	Unspecified Heap	1948	293921
AN	On site	Unspecified Slant	1948	296529
AN	On site	Refuse Heap	1948	299457
AN	On site	Unspecified Old Shaft	1948	306876
AN	On site	Unspecified Old Shaft	1903	270066
AN	On site	Unspecified Old Shaft	1903	270061
AN	On site	Unspecified Heap	1877	260012
AN	On site	Old Coal Pit	1877	292772
AN	On site	Unspecified Old Shaft	1921	281218
AN	On site	Unspecified Old Shaft	1921	291888
AN	On site	Unspecified Slant	1921	272956
AN	On site	Refuse Heap	1921	305004
AN	On site	Unspecified Heap	1921	275093
AN	On site	Unspecified Old Shaft	1921	281218
AN	On site	Unspecified Old Shaft	1921	291888
AN	On site	Unspecified Slant	1921	272956
AN	On site	Refuse Heap	1921	305004
AN	On site	Unspecified Heap	1921	275093
AO	On site	Unspecified Ground Workings	1900	295829
AO	On site	Refuse Heap	1948	282944
BN	On site	Refuse Heap	1921	279097
BN	On site	Unspecified Ground Workings	1965	267103
BN	On site	Refuse Heap	1921	308634
BN	On site	Refuse Heap	1921	308634
AP	On site	Unspecified Old Level	1948	316518
AP	On site	Unspecified Heap	1948	281692
AP	On site	Unspecified Heap	1903	288794



ID	Location	Land Use	Date	Group ID
AP	On site	Unspecified Heap	1877	290263
AP	On site	Unspecified Heap	1921	281692
BO	On site	Unspecified Drift	1921	277208
BO	On site	Unspecified Drift	1914	312169
AP	On site	Unspecified Heap	1914	295853
AP	On site	Unspecified Heap	1965	315675
AP	On site	Unspecified Old Level	1921	312114
AP	On site	Unspecified Heap	1921	294358
BO	On site	Unspecified Drift	1948	314402
AP	On site	Unspecified Old Level	1921	312114
BO	On site	Unspecified Drift	1921	277208
AP	On site	Unspecified Heap	1921	294358
AQ	On site	Unspecified Heap	1948	312543
AQ	On site	Unspecified Heap	1948	259922
BP	On site	Tramway Sidings	1921	318039
AQ	On site	Unspecified Heaps	1921	296311
AQ	On site	Unspecified Ground Workings	1914	304178
AQ	On site	Unspecified Heap	1914	293499
BP	On site	Tramway Sidings	1914	318039
AQ	On site	Unspecified Heap	1965	291956
AQ	On site	Unspecified Heaps	1965	282191
AQ	On site	Unspecified Pit	1965	268289
AR	On site	Coal Shaft	1948	261648
AR	On site	Coal Trial Shaft	1921	250866
BQ	On site	Railway Sidings	1921	273898
AR	On site	Trial Shaft	1914	255659
BQ	On site	Railway Sidings	1914	292121
AR	On site	Coal Trial Shaft	1921	286977

ID	Location	Land Use	Date	Group ID
AR	On site	Coal Trial Shaft	1921	286977
AS	On site	Unspecified Heap	1948	278715
BR	On site	Refuse Heaps	1921	269367
BR	On site	Refuse Heap	1914	287510
BR	On site	Refuse Heap	1914	287510
AS	On site	Unspecified Heap	1965	308802
BR	On site	Refuse Heap	1903	304634
AS	On site	Colliery	1921	281176
AS	On site	Colliery	1921	281176
AT	On site	Unspecified Heaps	1948	276457
AT	On site	Unspecified Heaps	1903	291993
BS	On site	Sewage and Water Purification Works	1914	258757
AT	On site	Unspecified Ground Workings	1965	293598
BS	On site	Purification Works	1921	264895
AU	On site	Colliery	1948	290348
AU	On site	Colliery	1903	302057
AU	On site	Engine House	1948	252909
AU	On site	Engine House	1921	252908
AU	On site	Colliery	1921	290348
AU	On site	Engine House	1914	299972
AU	On site	Colliery	1914	293682
BT	On site	Unspecified Ground Workings	1914	292020
BT	On site	Unspecified Ground Workings	1914	292020
AU	On site	Refuse Heap	1965	271172
AU	On site	Colliery	1921	290348
AU	On site	Engine House	1921	299972
AU	On site	Unspecified Old Level	1921	289565
AU	On site	Colliery	1921	290348

ID	Location	Land Use	Date	Group ID
AU	On site	Unspecified Old Level	1921	289565
AV	On site	Refuse Heap	1948	303899
AV	On site	Refuse Heap	1921	290576
BU	On site	Refuse Heap	1965	271166
AV	On site	Unspecified Disused Drift	1965	298777
BU	On site	Unspecified Disused Tip	1987	266273
AV	On site	Unspecified Disused Drift	1987	298777
AV	On site	Refuse Heap	1921	288650
AV	On site	Refuse Heap	1921	288650
AW	On site	Unspecified Heaps	1903	281950
AW	On site	Unspecified Heaps	1948	296601
AW	On site	Unspecified Ground Workings	1921	280460
AW	On site	Unspecified Ground Workings	1914	316762
BV	On site	Refuse Heap	1965	290444
AW	On site	Unspecified Heap	1965	259872
AW	On site	Unspecified Heap	1965	259871
AW	On site	Unspecified Pit	1965	295766
AW	On site	Unspecified Pit	1965	268292
AW	On site	Unspecified Pit	1965	268291
BV	On site	Opencast Workings	1987	255716
AW	On site	Unspecified Pit	1987	295766
AW	On site	Unspecified Ground Workings	1921	313709
AW	On site	Unspecified Old Quarry	1877	263437
AW	On site	Unspecified Ground Workings	1921	313709
AX	On site	Unspecified Heap	1948	297358
AX	On site	Unspecified Heap	1903	298894
AX	On site	Unspecified Heap	1877	314131
AX	On site	Unspecified Heap	1900	298792



ID	Location	Land Use	Date	Group ID
AX	On site	Unspecified Heap	1921	294941
AX	On site	Unspecified Heap	1921	294941
AX	On site	Unspecified Heap	1876	314131
BW	On site	Unspecified Disused Level	1965	310785
BW	On site	Unspecified Disused Level	1987	310785
BW	On site	Unspecified Pit	1948	287817
BW	On site	Unspecified Pit	1921	302209
AX	On site	Unspecified Heaps	1921	317496
BW	On site	Unspecified Pit	1921	302209
AX	On site	Unspecified Heaps	1921	317496
AY	On site	Unspecified Heap	1876	311485
BX	On site	Unspecified Works	1965	317504
BX	On site	Railway Sidings	1965	271445
BX	On site	Mineral Railway Sidings	1987	265980
BX	On site	Unspecified Works	1987	317504
AY	On site	Unspecified Heap	1877	311485
AZ	On site	Colliery	1901	274631
AZ	On site	Railway Station	1901	310660
AZ	On site	Railway Sidings	1901	273770
AZ	On site	Colliery	1903	274631
AZ	On site	Smithy	1876	279455
AZ	On site	Coal Pit	1876	293369
AZ	On site	Unspecified Drift	1948	293059
AZ	On site	Colliery	1921	291141
AZ	On site	Railway Station	1921	274082
AZ	On site	Railway Sidings	1921	287512
AZ	On site	Railway Sidings	1921	274237
AZ	On site	Unspecified Tank	1921	252733



ID	Location	Land Use	Date	Group ID
AZ	On site	Railway Station	1921	317651
AZ	On site	Colliery	1921	291141
AZ	On site	Unspecified Tank	1914	314244
AZ	On site	Railway Station	1914	317650
AZ	On site	Railway Sidings	1914	315739
AZ	On site	Unspecified Tank	1914	314244
AZ	On site	Railway Station	1914	317650
AZ	On site	Railway Sidings	1914	315739
AZ	On site	Railway Station	1965	297788
AZ	On site	Railway Building	1965	256594
BY	On site	Unspecified Ground Workings	1965	301127
AZ	On site	Railway Buildings	1965	271758
AZ	On site	Railway Buildings	1965	295634
AZ	On site	Railway Buildings	1965	251551
BY	On site	Unspecified Ground Workings	1987	301838
AZ	On site	Railway Sidings	1948	281321
AZ	On site	Railway Buildings	1948	279604
AZ	On site	Colliery	1948	281968
AZ	On site	Railway Station	1948	304645
AZ	On site	Railway Buildings	1948	288126
AZ	On site	Railway Building	1948	256593
AZ	On site	Railway Building	1948	295832
AZ	On site	Railway Sidings	1903	271440
AZ	On site	Railway Station	1903	275269
AZ	On site	Smithy	1877	279455
AZ	On site	Railway Station	1877	307442
AZ	On site	Railway Sidings	1877	302977
AZ	On site	Railway Station	1921	304645



ID	Location	Land Use	Date	Group ID
AZ	On site	Unspecified Tank	1921	314244
AZ	On site	Colliery	1921	309439
AZ	On site	Railway Buildings	1921	288126
AZ	On site	Railway Building	1921	295832
AZ	On site	Railway Sidings	1921	315739
AZ	On site	Cuttings	1876	268984
AZ	On site	Colliery	1921	309439
BZ	On site	Unspecified Ground Workings	1965	305809
BZ	On site	Unspecified Ground Workings	1987	308257
CI	0m NE	Unspecified Old Quarry	1900	282575
AL	0m SW	Unspecified Heap	1903	306855
CJ	1m N	Cuttings	1877	268989
AZ	2m W	Unspecified Drift	1921	297161
31	2m S	Unspecified Ground Workings	1901	304949
BE	3m N	Unspecified Disused Drift	1987	255784
BE	3m NE	Colliery	1921	310550
CJ	3m N	Unspecified Ground Workings	1921	317778
32	4m NE	Railway Sidings	1921	307444
AZ	4m W	Unspecified Drift	1914	283799
AZ	4m W	Unspecified Drift	1914	314978
CI	4m NE	Old Quarry	1921	256076
AZ	5m SE	Unspecified Ground Workings	1901	283864
CA	5m N	Unspecified Heap	1921	279370
AZ	5m W	Unspecified Drift	1921	285505
CK	5m S	Unspecified Pit	1921	280128
CK	5m S	Unspecified Pit	1921	280128
CI	6m NE	Unspecified Old Quarry	1921	310291
AA	6m SE	Old Coal Pit	1921	312005



ID	Location	Land Use	Date	Group ID
BE	6m N	Colliery	1921	315215
BE	6m N	Colliery	1921	315215
BE	6m N	Colliery	1914	315215
AL	6m W	Unspecified Heap	1877	259997
CI	7m NE	Unspecified Quarry	1962	258390
CI	7m NE	Unspecified Old Quarry	1921	289193
AA	7m SE	Old Coal Pit	1921	312005
AA	7m SE	Old Coal Pit	1921	312005
CI	8m NE	Unspecified Old Quarry	1948	289193
BK	8m SE	Unspecified Ground Workings	1921	308002
AZ	9m SE	Unspecified Disused Tip	1987	266285
AA	9m SE	Unspecified Ground Workings	1877	316257
BE	9m N	Unspecified Drift	1914	273910
BE	10m N	Drift	1921	296810
BE	10m N	Drift	1921	296810
AA	10m S	Cuttings	1962	268986
AG	10m S	Unspecified Heap	1948	260000
CL	10m S	Old Level (Coal)	1914	274602
CL	10m S	Old Level (Coal)	1914	274602
CM	10m N	Old Coal Level	1903	289982
CM	10m N	Old Coal Level	1877	289982
CJ	10m N	Unspecified Heaps	1877	255312
AZ	11m SE	Unspecified Ground Workings	1921	296065
AZ	11m SE	Unspecified Ground Workings	1921	296065
33	11m SE	Unspecified Ground Workings	1876	302149
CL	12m S	Old Coal Level	1948	308501
CL	12m S	Old Coal Level	1903	300639
BE	12m NE	Refuse Heap	1965	271173



ID	Location	Land Use	Date	Group ID
CJ	12m N	Unspecified Heap	1948	260015
CN	12m NE	Cuttings	1903	317816
CN	12m NE	Cuttings	1877	317816
CO	13m SE	Old Coal Level	1901	264552
AZ	13m W	Railway Buildings	1948	318090
AA	14m SE	Old Coal Pit	1900	254232
CJ	14m N	Unspecified Ground Workings	1921	294152
CJ	14m N	Unspecified Ground Workings	1921	294152
AZ	14m SE	Refuse Heap	1948	316163
BE	14m N	Unspecified Drift	1921	305253
CJ	14m N	Unspecified Ground Workings	1914	294152
CJ	14m N	Unspecified Ground Workings	1914	294152
AA	14m SE	Old Coal Level	1903	283105
CE	15m NE	Railway Sidings	1948	277396
CE	15m NE	Railway Sidings	1921	293747
BB	17m S	Railway Buildings	1965	251550
AA	17m S	Unspecified Ground Workings	1877	267210
CA	17m N	Unspecified Old Level	1948	264814
AZ	17m SE	Refuse Heap	1914	302048
AZ	17m SE	Refuse Heap	1914	302048
CA	17m N	Unspecified Pit	1914	290295
CA	17m N	Unspecified Pit	1914	290295
AA	17m SE	Old Coal Level	1900	314215
CL	18m S	Old Coal Level	1921	264557
CA	19m N	Unspecified Heap	1921	316070
CA	19m N	Unspecified Heap	1921	316070
CP	20m S	Unspecified Pit	1987	268361
34	20m S	Unspecified Heaps	1965	255315



ID	Location	Land Use	Date	Group ID
CP	20m S	Unspecified Ground Workings	1948	298878
AZ	20m SE	Refuse Heap	1965	282376
AZ	21m SE	Refuse Heaps	1921	269369
CM	22m N	Unspecified Ground Workings	1914	274723
CQ	23m S	Unspecified Heap	1903	292546
CR	24m S	Unspecified Disused Tip	1987	266286
AA	24m S	Cuttings	1921	268985
CP	24m S	Unspecified Ground Workings	1921	303943
CQ	25m S	Unspecified Heap	1921	296570
AZ	25m S	Unspecified Ground Workings	1876	293592
AY	25m S	Old Coal Level	1901	304336
CP	26m S	Unspecified Ground Workings	1903	276714
AZ	26m S	Unspecified Ground Workings	1877	307425
AY	27m S	Unspecified Pit	1948	273329
AY	27m S	Unspecified Pit	1903	274990
AY	27m S	Old Coal Level	1921	291190
AY	27m S	Old Coal Level	1921	291190
AA	28m S	Old Coal Pit	1921	254230
CM	28m N	Unspecified Ground Workings	1921	274723
AY	28m S	Refuse Heap	1921	315873
AY	28m S	Refuse Heap	1921	315873
BM	28m N	Unspecified Pit	1921	274538
CM	28m N	Unspecified Ground Workings	1921	274723
CM	28m N	Unspecified Ground Workings	1921	274723
AA	29m S	Unspecified Pit	1877	314686
AG	29m S	Unspecified Ground Workings	1948	315318
AY	31m S	Refuse Heap	1914	299031
AY	31m S	Refuse Heap	1914	299031



ID	Location	Land Use	Date	Group ID
AZ	32m W	Unspecified Mine	1965	255762
AY	33m S	Old Coal Level	1921	287851
AA	33m S	Unspecified Pit	1962	300459
CP	33m S	Unspecified Ground Workings	1921	303943
CP	33m S	Unspecified Ground Workings	1921	303943
CO	33m SE	Unspecified Ground Workings	1914	286750
CO	33m SE	Unspecified Ground Workings	1914	292519
CS	33m NE	Unspecified Pit	1914	277651
BM	34m N	Unspecified Pit	1921	279397
BM	34m N	Old Coal Pit	1877	254227
CS	35m NE	Unspecified Pit	1948	311836
CS	35m NE	Unspecified Pit	1903	306200
CS	35m NE	Unspecified Pit	1921	280853
CS	35m NE	Unspecified Pit	1921	280853
AA	35m S	Unspecified Pits	1948	254836
CS	36m NE	Unspecified Pit	1921	305691
AA	36m SE	Unspecified Heap	1900	272283
CS	36m NE	Unspecified Pit	1877	302279
CR	37m S	Refuse Heap	1965	313767
35	38m S	Unspecified Heap	1948	259999
CA	39m N	Unspecified Old Level	1921	264813
CT	39m NW	Unspecified Heaps	1877	275660
AY	39m S	Refuse Heap	1921	299031
CP	40m S	Unspecified Ground Workings	1877	310420
BM	41m N	Unspecified Pit	1914	288132
BM	41m N	Unspecified Pit	1914	288132
BM	41m N	Unspecified Pit	1948	297124
CS	41m NE	Unspecified Old Level	1903	264806



ID	Location	Land Use	Date	Group ID
BM	42m N	Unspecified Pit	1921	300858
BM	42m N	Unspecified Pit	1921	300858
CA	42m N	Old Level	1921	254655
CQ	42m S	Unspecified Heap	1948	274180
CQ	42m S	Unspecified Heap	1903	307755
CU	43m NE	Unspecified Disused Level	1977	251312
AY	43m S	Old Trial Drift	1914	301145
AY	43m S	Old Trial Drift	1914	301145
AA	44m S	Old Coal Level	1903	291402
AG	46m S	Unspecified Old Quarries	1903	272660
CM	46m NW	Old Coal Level	1921	304303
CM	46m NW	Old Coal Level	1921	304303
AY	46m S	Unspecified Heap	1948	286738
AY	48m S	Unspecified Heap	1921	305214
AY	48m S	Unspecified Heap	1921	305214
CV	48m S	Unspecified Disused Workings	1987	261693
CM	48m NW	Old Coal Level	1914	264543
CU	48m NE	Old Coal Level	1921	288554
CU	48m NE	Old Coal Level	1921	288554
CA	48m N	Unspecified Old Level	1914	314258
CA	48m N	Unspecified Old Level	1914	314258
AY	48m S	Unspecified Pit	1914	302677
AY	48m S	Unspecified Pit	1914	302677
CU	49m NE	Old Coal Pit	1921	254228
CQ	49m SE	Unspecified Heap	1965	272703
CQ	49m SE	Unspecified Heap	1987	272703
AZ	49m SW	Unspecified Ground Workings	1901	308979
BK	50m SE	Unspecified Pit	1948	268366

ID	Location	Land Use	Date	Group ID
CM	50m NW	Old Coal Level	1948	284558
BT	50m S	Unspecified Heap	1903	306499
BT	50m S	Unspecified Heap	1877	275536
CU	50m NE	Old Coal Level	1921	289771
CW	50m NE	Unspecified Heap	1877	305269
AY	50m S	Unspecified Ground Workings	1877	267028
CA	50m N	Unspecified Old Level	1921	314258
CA	50m N	Unspecified Old Level	1921	314258
CW	51m NE	Unspecified Heap	1962	283434
CX	52m SW	Unspecified Ground Workings	1876	298537
CS	52m NE	Old Coal Level	1877	264541
AY	52m S	Old Trail Drift	1921	270294
CW	53m NE	Unspecified Heap	1921	308735
CW	53m NE	Unspecified Heap	1921	308735
AA	53m S	Unspecified Pit	1877	268358
CW	53m NE	Unspecified Heap	1948	305823
CW	54m NE	Unspecified Heap	1921	291925
CM	54m NW	Old Coal Level	1921	264542
CW	54m NE	Unspecified Heap	1921	305823
CX	54m SW	Unspecified Ground Workings	1877	298537
CX	54m SW	Unspecified Old Quarry	1901	294440
CX	56m SW	Unspecified Old Quarry	1903	294440
AA	56m S	Unspecified Ground Workings	1962	310712
AA	57m SE	Unspecified Heap	1921	289139
AA	57m SE	Unspecified Heap	1921	289139
CY	57m NW	Unspecified Heap	1948	316761
CY	57m NW	Unspecified Ground Workings	1914	292626
CY	57m NW	Unspecified Ground Workings	1914	292626



ID	Location	Land Use	Date	Group ID
AG	57m S	Unspecified Quarry	1876	258391
CY	57m NW	Unspecified Heaps	1921	307598
AY	58m S	Unspecified Heap	1921	289296
AY	59m S	Coal Pit	1877	293369
CR	59m S	Refuse Heap	1948	277007
36	59m N	Cuttings	1877	268845
CY	60m NW	Unspecified Heaps	1921	287288
CY	60m NW	Unspecified Heaps	1921	287288
AY	61m S	Unspecified Ground Workings	1921	300276
AY	61m S	Unspecified Ground Workings	1921	300276
CX	61m S	Unspecified Ground Workings	1921	305582
CX	61m S	Unspecified Ground Workings	1921	305582
AY	62m S	Unspecified Pit	1876	295953
AY	62m S	Unspecified Ground Workings	1948	314081
CX	63m S	Unspecified Ground Workings	1914	305582
CX	63m S	Unspecified Ground Workings	1914	305582
CZ	63m S	Unspecified Ground Workings	1921	312063
CZ	63m S	Unspecified Ground Workings	1921	312063
AZ	64m SE	Unspecified Ground Workings	1877	307424
CY	64m NW	Unspecified Heap	1877	273432
AA	64m S	Old Coal Level	1903	264560
AG	65m S	Unspecified Ground Workings	1965	315318
AZ	66m S	Unspecified Ground Workings	1914	297937
AZ	66m S	Unspecified Ground Workings	1914	297937
AY	67m S	Unspecified Pit	1877	295953
CX	67m S	Unspecified Ground Workings	1921	305582
CQ	68m S	Unspecified Pit	1948	268356
AY	69m S	Unspecified Pit	1903	313926



ID	Location	Land Use	Date	Group ID
AG	69m S	Unspecified Old Quarries	1903	278096
CX	70m SW	Unspecified Ground Workings	1921	305582
AY	70m S	Unspecified Pit	1901	313926
37	72m SW	Unspecified Ground Workings	1948	292160
DA	72m NE	Unspecified Ground Workings	1876	291218
DA	72m NE	Unspecified Ground Workings	1962	299027
CP	72m S	Unspecified Heap	1948	260006
AZ	72m SE	Unspecified Ground Workings	1921	303282
BM	74m N	Unspecified Pit	1921	318013
BT	74m S	Unspecified Heap	1948	281087
AY	75m S	Unspecified Heap	1876	300824
AY	75m S	Unspecified Heap	1877	300824
DA	75m NE	Unspecified Ground Workings	1921	303250
DA	75m NE	Unspecified Ground Workings	1921	303250
AY	77m S	Unspecified Pit	1921	299301
AY	77m S	Unspecified Pit	1921	299301
DB	77m N	Old Coal Shaft	1921	316634
AY	77m S	Unspecified Pit	1948	299301
CY	78m NW	Unspecified Pit	1877	268354
CP	78m S	Unspecified Ground Workings	1965	297372
CP	78m S	Unspecified Ground Workings	1987	272859
AZ	78m S	Unspecified Ground Workings	1921	297937
DB	78m N	Disused Old Coal Pit	1877	261418
DB	78m N	Old Coal Pit	1901	254225
AY	79m S	Unspecified Pit	1914	299301
AY	79m S	Unspecified Pit	1914	299301
DB	79m N	Unspecified Old Shaft	1903	270067
CZ	80m S	Unspecified Heap	1948	260011



ID	Location	Land Use	Date	Group ID
DC	80m NE	Unspecified Pit	1877	313672
CT	80m NW	Unspecified Ground Workings	1914	292536
BM	81m N	Unspecified Heap	1921	259931
DA	81m NE	Unspecified Ground Workings	1877	291218
CQ	81m S	Unspecified Heap	1877	259998
38	81m NE	Cuttings	1877	268995
AY	82m S	Unspecified Heap	1921	316136
DB	82m N	Old Coal Shaft	1921	303610
CT	82m NW	Unspecified Ground Workings	1965	275871
DD	83m SE	Old Shafts (Coal)	1914	278747
DD	83m SE	Old Shafts (Coal)	1914	278747
CT	83m NW	Unspecified Ground Workings	1921	300783
CT	83m NW	Unspecified Ground Workings	1921	318299
CX	83m S	Unspecified Pit	1948	268360
DD	84m SE	Old Coal Shafts	1921	254615
CT	85m NW	Unspecified Ground Workings	1921	277268
DD	85m SE	Old Clay Pit	1877	277210
CZ	86m S	Unspecified Ground Workings	1921	281640
DA	86m NE	Unspecified Ground Workings	1948	303250
DA	86m NE	Unspecified Ground Workings	1903	303250
DD	86m SE	Unspecified Pit	1948	298926
DD	86m SE	Unspecified Old Shafts	1903	262520
DA	86m NE	Unspecified Ground Workings	1900	301832
DD	86m SE	Old Clay Pit	1901	277210
BM	87m N	Unspecified Pit	1914	310507
BM	87m N	Unspecified Pit	1914	310507
BM	87m N	Unspecified Pit	1921	273111
BM	87m N	Unspecified Pit	1921	273111



ID	Location	Land Use	Date	Group ID
DB	87m N	Old Coal Shaft	1921	313706
BM	87m N	Unspecified Pit	1948	273111
DB	88m N	Old Coal Shaft	1948	313706
AY	88m S	Unspecified Pit	1921	299301
DB	88m N	Old Shafts (Coal)	1914	289559
DB	88m N	Old Shafts (Coal)	1914	289559
CX	88m SW	Refuse Heap	1965	317603
CT	90m NW	Unspecified Heaps	1903	310474
DA	91m NE	Unspecified Ground Workings	1921	281194
AY	91m S	Unspecified Drift	1876	292205
AY	92m S	Old Trial Drift	1948	275458
AY	92m S	Old Trial Drift	1921	298608
AY	92m S	Old Trial Drift	1921	298608
DD	94m SE	Unspecified Pit	1921	298926
AY	95m S	Unspecified Drift	1877	292205
AY	97m S	Old Trial Drift	1921	270099
DA	97m NE	Unspecified Ground Workings	1921	281194
DC	98m NE	Unspecified Pit	1948	300971
BK	99m SE	Unspecified Pit	1877	303109
BK	99m N	Old Coal Shafts	1921	292336
BK	100m SE	Unspecified Pit	1948	307173
AZ	101m SW	Unspecified Ground Workings	1876	267209
DE	101m SE	Cuttings	1921	275680
DE	102m SE	Cuttings	1877	292654
BK	103m N	Old Coal Shafts	1921	287337
DC	104m NE	Unspecified Heap	1903	283396
DC	104m NE	Unspecified Ground Workings	1877	272818
DA	104m NE	Unspecified Ground Workings	1921	299485



ID	Location	Land Use	Date	Group ID
DA	104m NE	Unspecified Ground Workings	1921	299485
39	105m NW	Old Gravel Pit	1877	263891
DC	106m NE	Unspecified Heap	1900	282139
DF	106m NW	Old Ironstone Levels	1914	301777
DE	106m SE	Cuttings	1914	299421
DE	106m SE	Cuttings	1914	299421
DF	107m NW	Old Ironstone Levels	1921	278561
DE	107m SE	Unspecified Pit	1965	268365
DC	108m NE	Unspecified Heap	1948	295386
DG	108m NE	Unspecified Heap	1903	279259
DE	108m SE	Cuttings	1948	299421
DE	108m SE	Cuttings	1921	286168
DC	109m NE	Unspecified Ground Workings	1876	287814
DF	109m NW	Unspecified Old Levels	1903	269431
DF	109m NW	Old Ironstone Levels	1948	278244
BK	109m N	Old Coal Pit	1901	254226
DF	110m NW	Old Ironstone Levels	1921	283252
BK	110m N	Old Coal Shafts	1948	281461
BK	110m N	Unspecified Old Shafts	1903	262523
BK	110m N	Old Coal Shafts	1921	273930
DF	111m NW	Unspecified Pit	1965	267958
40	111m S	Unspecified Heap	1965	260009
DF	113m NW	Old Ironstone Level	1877	251109
DG	114m N	Unspecified Heap	1877	279259
DE	114m SE	Cuttings	1921	299421
41	116m NW	Unspecified Drifts	1948	255803
42	116m NW	Cuttings	1877	268992
DH	116m S	Unspecified Ground Workings	1965	303751

ID	Location	Land Use	Date	Group ID
DH	116m S	Unspecified Ground Workings	1987	303751
CV	117m S	Unspecified Ground Workings	1914	281951
CV	117m S	Unspecified Ground Workings	1914	281951
BK	118m SE	Unspecified Pit	1948	314446
BK	118m SE	Old Shafts (Coal)	1914	282169
BK	118m SE	Old Shafts (Coal)	1914	282169
BK	118m SE	Unspecified Pit	1877	313181
BK	118m N	Cuttings	1877	268988
43	120m S	Unspecified Ground Workings	1876	267214
BK	121m N	Old Coal Shafts	1921	312325
BK	123m N	Old Coal Shafts	1921	297909
DI	126m S	Unspecified Ground Workings	1876	267211
AZ	127m S	Lime Kiln	1876	301195
DJ	128m S	Unspecified Pit	1965	300577
BK	129m SE	Unspecified Pit	1921	314446
44	129m N	Cuttings	1903	268844
DK	129m S	Unspecified Heaps	1876	255314
AZ	129m S	Lime Kiln	1877	301195
BK	129m N	Old Coal Shafts	1948	306498
BK	129m N	Old Shafts (Coal)	1914	311380
BK	129m N	Old Shafts (Coal)	1914	311380
DC	129m NE	Unspecified Heap	1900	259928
DJ	131m S	Unspecified Old Quarry	1901	263442
DL	131m SW	Old Coal Pit	1921	281077
DL	131m SW	Old Coal Pit	1921	274949
DL	131m SW	Old Coal Pit	1914	276150
DL	131m SW	Old Coal Pit	1914	298528
DM	132m NW	Colliery	1921	317995



ID	Location	Land Use	Date	Group ID
BK	132m N	Old Coal Shafts	1921	297439
DJ	132m S	Unspecified Pit	1903	311392
45	133m S	Unspecified Heap	1876	260005
DL	134m SW	Old Coal Pit	1921	303633
DJ	134m S	Unspecified Ground Workings	1914	300188
DJ	134m S	Unspecified Ground Workings	1914	300188
DL	135m SW	Old Coal Pit	1921	254231
DL	135m SW	Old Coal Pit	1948	315360
DL	135m SW	Old Coal Pit	1903	282168
CE	136m N	Railway Sidings	1965	291674
DL	137m SW	Old Coal Pit	1901	287900
DF	137m NW	Old Ironstone Levels	1921	295351
DF	140m NW	Unspecified Heap	1965	259920
DN	141m NW	Unspecified Ground Workings	1903	312519
DN	141m NW	Unspecified Ground Workings	1921	312519
DN	142m NW	Unspecified Ground Workings	1900	277423
DF	142m NW	Old Ironstone Levels	1921	295351
DO	142m NE	Unspecified Heap	1914	291424
DO	143m NE	Unspecified Ground Workings	1921	293190
DO	143m NE	Unspecified Ground Workings	1921	293190
BK	144m SE	Unspecified Pit	1877	268364
DN	144m NW	Unspecified Ground Workings	1948	272567
DN	145m NW	Unspecified Ground Workings	1921	298554
DN	145m NW	Unspecified Ground Workings	1921	278649
DN	145m NW	Unspecified Ground Workings	1921	278649
DO	146m NE	Unspecified Pit	1903	289135
DO	146m NE	Old Ironstone Quarry	1877	255858
DO	146m NE	Unspecified Ground Workings	1921	305306



ID	Location	Land Use	Date	Group ID
DL	148m SW	Old Coal Level	1901	275338
DO	148m NE	Unspecified Pit	1948	317427
46	148m N	Cuttings	1903	268843
DM	149m NW	Unspecified Pit	1965	267961
BK	149m N	Unspecified Pit	1877	268363
DK	151m S	Unspecified Pit	1948	274970
DN	151m NW	Unspecified Ground Workings	1877	280213
DK	152m S	Unspecified Ground Workings	1921	267213
DO	153m NE	Unspecified Heap	1948	282580
BK	154m N	Old Coal Shafts	1948	254616
DK	154m S	Unspecified Pit	1921	294829
DK	154m S	Unspecified Pit	1921	294829
47	156m S	Refuse Heap	1965	273738
DO	158m NE	Unspecified Pit	1965	273380
DO	159m NE	Unspecified Pit	1987	273380
DM	160m NW	Colliery	1914	298909
DI	161m S	Unspecified Ground Workings	1876	267212
DK	161m S	Old Coal Level	1903	264561
DM	162m NW	Colliery	1921	294618
DM	162m NW	Colliery	1921	294618
DP	166m SE	Cuttings	1877	268982
48	170m S	Refuse Heap	1948	288594
DM	170m NW	Railway Sidings	1921	316169
DK	171m S	Old Coal Level	1900	287563
DP	171m SE	Cuttings	1876	268981
DK	172m S	Old Coal Level	1903	287563
DQ	172m NW	Old Ironstone Levels	1921	294512
DL	172m SW	Unspecified Pit	1921	280135



ID	Location	Land Use	Date	Group ID
DL	172m SW	Unspecified Pit	1921	280135
DM	173m NW	Railway Sidings	1914	272907
DM	173m NW	Unspecified Drift	1914	258724
DL	173m SW	Unspecified Pit	1948	282589
DL	173m SW	Unspecified Pit	1921	282589
DQ	174m NW	Unspecified Old Levels	1903	269432
DQ	174m NW	Old Ironstone Levels	1948	309664
DQ	175m NW	Old Ironstone Levels	1921	294512
DM	177m NW	Unspecified Drifts	1921	255804
DM	177m NW	Railway Sidings	1921	282195
DQ	178m NW	Old Ironstone Level	1877	251110
DM	181m NW	Unspecified Ground Workings	1965	301848
DR	182m SE	Old Coal Level	1903	272944
DS	184m S	Unspecified Ground Workings	1965	306442
DS	184m S	Unspecified Ground Workings	1987	306442
DL	185m SW	Old Coal Level	1921	285625
DL	185m SW	Old Coal Level	1921	285625
DN	185m W	Unspecified Heap	1921	309870
DL	185m SW	Old Coal Level	1948	313085
DT	185m S	Burial Ground	1876	298895
DR	186m SE	Unspecified Heap	1876	314133
DR	186m SE	Old Level (Coal)	1914	307981
DR	186m SE	Old Level (Coal)	1914	307981
DR	186m SE	Unspecified Heap	1921	283079
DR	186m SE	Unspecified Heap	1921	283079
DR	186m SE	Unspecified Heap	1948	283079
DU	186m NW	Unspecified Heap	1965	313553
DU	186m NW	Unspecified Heap	1987	313553

ID	Location	Land Use	Date	Group ID
DR	187m SE	Unspecified Heap	1877	314133
DR	187m SE	Old Coal Level	1921	302609
DN	187m W	Unspecified Heap	1948	309870
DT	187m S	Burial Ground	1877	298895
DL	188m SW	Old Coal Level	1921	315595
DV	192m NW	Unspecified Ground Workings	1914	272705
DV	192m NW	Unspecified Ground Workings	1921	315440
DV	192m NW	Unspecified Ground Workings	1921	315440
49	193m N	Unspecified Old Quarries	1877	262255
DV	194m NW	Unspecified Pit	1948	271985
DV	194m NW	Unspecified Pit	1903	294499
50	195m NW	Unspecified Ground Workings	1965	267107
DQ	195m NW	Old Ironstone Levels	1914	314956
DM	196m NW	Colliery	1903	284230
DV	196m NW	Unspecified Old Quarry	1877	263435
DV	196m NW	Unspecified Ground Workings	1921	295863
DQ	196m NW	Old Ironstone Levels	1921	314956
DR	197m SE	Unspecified Heap	1921	285441
DV	197m NW	Unspecified Pit	1965	277824
DM	198m NW	Engine House	1914	278138
DM	198m NW	Refuse Heap	1921	271165
DM	198m NW	Engine House	1921	278138
DW	198m NW	Unspecified Pit	1900	296612
DM	198m NW	Refuse Heaps	1921	278393
DM	198m NW	Refuse Heaps	1921	278393
DW	200m NW	Unspecified Pit	1877	296612
DQ	201m NW	Old Ironstone Levels	1921	296772
DM	201m NW	Unspecified Drifts	1948	255802



ID	Location	Land Use	Date	Group ID
DM	201m NW	Engine House	1921	285072
DQ	202m NW	Unspecified Heap	1965	259919
DM	203m NW	Railway Sidings	1903	272481
DX	203m S	Unspecified Heap	1876	285824
DM	204m NW	Unspecified Drift	1914	258726
DM	205m NW	Unspecified Drifts	1921	304217
DX	207m S	Unspecified Heap	1877	285824
DM	210m NW	Unspecified Drifts	1921	304217
DV	210m NW	Unspecified Ground Workings	1948	311549
DY	210m S	Unspecified Heap	1876	310591
DY	213m S	Unspecified Pit	1914	296642
DY	213m S	Unspecified Pit	1914	296642
DY	213m S	Unspecified Heap	1921	290795
DY	213m S	Unspecified Heap	1921	290795
DY	213m S	Unspecified Heap	1921	290795
DY	214m S	Unspecified Heap	1948	303101
DY	214m S	Unspecified Heap	1877	310591
DZ	214m NW	Old Ironstone Levels	1914	298014
DZ	215m NW	Unspecified Ground Workings	1921	300829
DZ	215m NW	Unspecified Ground Workings	1921	300829
DV	215m NW	Unspecified Ground Workings	1965	311549
51	216m NE	Unspecified Pit	1903	268353
DZ	220m NW	Old Ironstone Levels	1921	291936
DZ	222m NW	Unspecified Heaps	1903	255306
DZ	222m NW	Old Ironstone Levels	1948	308956
DY	222m S	Unspecified Heap	1921	290795
DZ	222m NW	Unspecified Pit	1965	267959
DZ	224m NW	Old Ironstone Level	1877	251111

ID	Location	Land Use	Date	Group ID
EA	225m NW	Unspecified Old Level	1903	290997
DM	231m NW	Unspecified Drifts	1921	255801
EB	234m S	Cemetery	1948	298314
EB	236m S	Cemetery	1964	313939
EB	236m S	Cemetery	1980	313939
EB	236m S	Cemetery	1981	313939
DZ	238m NW	Unspecified Ground Workings	1921	276953
DM	240m NW	Unspecified Heap	1921	280924
DM	240m NW	Unspecified Heap	1921	280924
DM	240m NW	Unspecified Ground Workings	1914	309792
DY	241m S	Unspecified Pits	1876	254835
DY	241m S	Unspecified Pit	1988	295970
DY	241m S	Unspecified Pit	1964	295970
EC	241m S	Cuttings	1948	299168
EC	241m S	Cuttings	1903	282023
EC	241m S	Cuttings	1877	302165
EC	242m S	Cuttings	1914	309019
EC	242m S	Cuttings	1914	309019
DM	242m NW	Unspecified Ground Workings	1921	278048
DY	242m SE	Unspecified Pit	1921	285656
DY	242m SE	Unspecified Pit	1903	277525
DY	242m SE	Unspecified Pit	1877	294144
DM	242m NW	Railway Sidings	1948	280671
EC	243m S	Cuttings	1901	305153
DY	243m SE	Unspecified Old Quarry	1901	263441
DY	243m S	Unspecified Ground Workings	1914	277318
DY	243m S	Unspecified Ground Workings	1914	307119
DY	243m S	Unspecified Ground Workings	1948	314090



ID	Location	Land Use	Date	Group ID
DY	243m SE	Unspecified Ground Workings	1921	313268
DY	243m SE	Unspecified Ground Workings	1921	283776
DM	244m NW	Unspecified Ground Workings	1965	306355
EC	245m S	Cuttings	1921	289060
EC	248m S	Cuttings	1921	314393
DY	248m SE	Unspecified Ground Workings	1988	278620
DY	248m SE	Unspecified Ground Workings	1964	289209
52	248m NE	Cuttings	1877	268846
EC	249m S	Cuttings	1921	279176
DZ	250m NW	Unspecified Heap	1965	259918
DM	250m NW	Unspecified Ground Workings	1948	306355
DY	250m SE	Unspecified Pit	1877	286158
DY	252m S	Unspecified Ground Workings	1921	314090
ED	259m SE	Railway Sidings	1964	311314
ED	259m SE	Railway Sidings	1980	308074
53	265m SE	Railway Sidings	1981	308174
EA	271m NW	Unspecified Old Quarry	1877	311078
EA	272m NW	Old Ironstone Level	1914	292354
EA	273m NW	Old Ironstone Level	1921	300061
EA	274m NW	Unspecified Pit	1965	267957
DX	274m S	Old Coal Drift	1921	274420
EF	275m N	Unspecified Pit	1903	268285
EA	275m NW	Old Ironstone Level	1948	271905
DX	276m S	Old Coal Drift	1921	290851
DX	276m S	Old Coal Drift	1921	290851
DX	277m S	Old Coal Drift	1948	304018
EA	278m NW	Old Ironstone Level	1921	300061
DX	278m S	Old Coal Drift	1914	314682



ID	Location	Land Use	Date	Group ID
DX	278m S	Old Coal Drift	1914	314682
EA	283m NW	Unspecified Old Level	1903	305506
EF	284m N	Unspecified Old Quarry	1877	263436
EC	287m S	Unspecified Ground Workings	1914	294798
EC	287m S	Unspecified Ground Workings	1914	294798
EC	288m S	Unspecified Heap	1921	278221
EC	288m S	Unspecified Heap	1921	278221
EG	288m NE	Old Ironstone Level	1948	281790
DX	289m S	Old Coal Drift	1921	250907
EC	289m S	Unspecified Heap	1948	277857
EC	289m S	Unspecified Heap	1921	288758
EH	291m S	Refuse Heaps	1988	315132
EH	291m S	Refuse Heaps	1964	315132
EI	294m NW	Unspecified Old Quarry	1948	301987
EI	294m NW	Unspecified Old Quarry	1903	279341
EJ	295m N	Unspecified Mill	1921	314367
EJ	295m N	Unspecified Mill	1921	279865
EG	296m NE	Old Ironstone Level	1921	281790
DX	297m SE	Old Coal Drift	1901	250905
EK	299m N	Railway Sidings	1962	274545
EJ	300m N	Unspecified Mill	1921	315711
DX	300m SE	Unspecified Ground Workings	1914	317514
DX	300m SE	Unspecified Ground Workings	1914	317514
EL	301m NE	Cuttings	1914	315879
EL	303m NE	Cuttings	1948	277233
EL	303m NE	Cuttings	1903	303275
EL	303m NE	Cuttings	1877	303275
EJ	304m N	Unspecified Mill	1914	315711

ID	Location	Land Use	Date	Group ID
EM	306m S	Railway Sidings	1988	271419
EM	306m S	Refuse Heap	1988	273138
EM	306m S	Refuse Heap	1964	317603
EM	306m S	Railway Sidings	1964	271447
54	308m N	Unspecified Pit	1877	267960
EJ	309m N	Mill Pond	1903	308411
EJ	309m N	Mill Pond	1877	308411
55	311m S	Unspecified Pit	1877	268394
EN	312m S	Refuse Heap	1988	278756
EN	312m S	Refuse Heap	1964	313767
EO	313m S	Unspecified Old Quarries	1901	262281
EP	314m W	Brick Works	1914	295808
EP	314m W	Brick Works	1914	315837
DM	316m NW	Unspecified Heap	1903	259889
EO	317m S	Unspecified Pit	1914	295677
EO	317m S	Unspecified Pit	1914	295677
EO	318m S	Unspecified Heap	1948	287504
EO	318m S	Unspecified Ground Workings	1921	314255
EO	318m S	Unspecified Ground Workings	1921	307602
EO	318m S	Unspecified Ground Workings	1921	307602
EQ	318m S	Refuse Heap	1988	299369
EQ	318m S	Refuse Heap	1964	299369
EO	319m S	Unspecified Heap	1903	301870
EO	319m S	Unspecified Ground Workings	1876	310425
DX	320m S	Unspecified Heaps	1876	255311
EO	321m S	Unspecified Heap	1988	317126
EO	321m S	Unspecified Heap	1964	310620
EO	322m S	Unspecified Ground Workings	1877	279374



ID	Location	Land Use	Date	Group ID
EA	322m NW	Unspecified Ground Workings	1914	267045
DX	322m S	Unspecified Heap	1903	285906
EA	322m NW	Unspecified Pit	1921	282270
EA	322m NW	Unspecified Pit	1921	282270
EG	323m NE	Old Ironstone Level	1877	251114
DX	323m S	Unspecified Heap	1948	272852
EA	325m NW	Unspecified Pit	1921	309597
EO	325m S	Unspecified Ground Workings	1921	303733
EA	326m NW	Unspecified Pit	1948	309597
EA	326m NW	Unspecified Pit	1903	291235
DX	326m S	Old Coal Drift	1903	250906
EJ	329m N	Unspecified Mill	1948	281314
EJ	329m N	Unspecified Mill	1903	282393
EJ	329m N	Unspecified Mill	1877	282393
EA	331m NW	Unspecified Pit	1965	302686
ER	333m NE	Unspecified Heap	1921	273288
ER	333m NE	Unspecified Heap	1921	273288
ER	334m NE	Unspecified Heap	1914	314017
ER	335m NE	Unspecified Ground Workings	1921	267110
EG	337m NE	Cuttings	1877	268993
ES	338m NW	Unspecified Ground Workings	1914	304099
ES	338m NW	Unspecified Ground Workings	1921	294991
ES	338m NW	Unspecified Ground Workings	1921	294991
ER	338m NE	Unspecified Heap	1948	288330
ER	338m NE	Unspecified Heap	1903	298113
ER	338m NE	Old Ironstone Quarry	1877	255859
EI	339m NW	Unspecified Old Quarry	1914	291055
EO	339m S	Unspecified Pit	1948	298439



ID	Location	Land Use	Date	Group ID
56	340m S	Unspecified Heap	1877	260007
EI	341m NW	Unspecified Old Quarry	1921	291055
EO	342m S	Unspecified Pit	1903	277481
EI	342m NW	Unspecified Old Quarry	1921	302420
ES	342m NW	Unspecified Ground Workings	1948	285898
ES	343m NW	Unspecified Old Quarry	1877	304723
EO	344m S	Unspecified Pit	1988	273304
EO	344m S	Unspecified Pit	1964	273304
ES	344m NW	Unspecified Ground Workings	1903	282412
EI	345m NW	Colliery	1877	263747
57	345m SE	Mineral Railway Sidings	1948	301467
ES	346m NW	Unspecified Heap	1965	259916
ER	347m NE	Unspecified Pit	1921	294584
ER	347m NE	Unspecified Pit	1921	294584
ER	349m NE	Unspecified Pit	1948	284838
ER	349m NE	Unspecified Pit	1903	287130
ER	349m NE	Unidentified Pit	1914	253965
EI	349m NW	Unspecified Quarry	1965	258408
58	351m SE	Mineral Railway Sidings	1921	274586
EG	353m NE	Unspecified Disused Level	1987	251318
ER	354m NE	Unspecified Pit	1877	275740
EM	354m S	Unspecified Old Quarries	1901	262278
EM	356m S	Unspecified Pit	1914	293345
EM	356m S	Unspecified Pit	1914	293345
EM	357m S	Unspecified Pits	1921	291794
EM	357m S	Unspecified Pits	1921	275038
EM	357m S	Unspecified Pits	1921	275038
EM	357m S	Unspecified Heap	1948	291793



ID	Location	Land Use	Date	Group ID
EM	357m S	Unspecified Heap	1903	301141
DX	357m S	Unspecified Ground Workings	1876	308450
EM	358m S	Unspecified Ground Workings	1877	318173
EM	359m S	Unspecified Heaps	1876	255310
DX	360m S	Unspecified Ground Workings	1921	278840
DX	360m S	Unspecified Ground Workings	1914	287621
DX	360m S	Unspecified Ground Workings	1914	287621
DX	361m S	Old Coal Level	1901	264555
DX	361m S	Unspecified Ground Workings	1948	287621
EG	362m NE	Old Ironstone Level	1914	251113
DX	362m S	Unspecified Ground Workings	1903	317820
DX	362m S	Unspecified Ground Workings	1921	312352
DX	362m S	Unspecified Ground Workings	1921	312352
DX	362m S	Unspecified Ground Workings	1877	308450
EG	364m NE	Old Ironstone Level	1921	251112
EG	365m NE	Unspecified Tank	1903	252728
EM	366m S	Unspecified Ground Workings	1921	290544
DX	367m S	Unspecified Heap	1988	306534
DX	367m S	Unspecified Heap	1964	306534
DX	372m S	Unspecified Ground Workings	1921	287621
DX	373m S	Old Level (Coal)	1914	275530
DX	373m S	Old Level (Coal)	1914	275530
ET	373m S	Unspecified Ground Workings	1988	288913
ET	373m S	Unspecified Ground Workings	1964	288913
EU	378m N	Unspecified Heap	1900	289720
EV	379m W	Unspecified Ground Workings	1914	314406
EV	379m W	Unspecified Ground Workings	1914	314406
EU	382m N	Unspecified Heap	1877	276852



ID	Location	Land Use	Date	Group ID
EU	383m N	Unspecified Heap	1948	317221
EU	383m N	Unspecified Heap	1921	299840
EU	383m N	Unspecified Heap	1921	287636
EU	383m N	Unspecified Heap	1921	287636
EM	383m S	Unspecified Pit	1877	297808
EG	385m NE	Unspecified Old Level	1903	264807
EU	386m N	Unspecified Heap	1921	299840
EM	392m S	Unspecified Pit	1948	283435
EM	392m S	Unspecified Pit	1903	309633
EM	393m S	Unspecified Pit	1914	308683
EM	393m S	Unspecified Pit	1914	308683
EM	393m S	Unspecified Pit	1948	301107
EX	394m E	Unspecified Old Quarries	1903	262270
EY	395m SW	Cuttings	1876	289684
EX	395m E	Old Ironstone Quarry	1877	255862
EY	396m SW	Cuttings	1877	303116
EZ	397m S	Unspecified Pit	1876	268362
ES	397m NW	Unspecified Heap	1914	288042
FA	400m S	Refuse Heap	1988	313478
FA	400m S	Refuse Heap	1964	313478
FB	400m S	Unspecified Ground Workings	1877	300991
EZ	401m S	Unspecified Ground Workings	1988	283975
EZ	401m S	Unspecified Ground Workings	1964	283975
EK	402m N	Unspecified Tank	1877	252730
ES	402m NW	Unspecified Heap	1948	300071
ES	402m NW	Unspecified Heap	1903	288042
EY	402m SE	Cuttings	1914	309467
EY	402m SE	Cuttings	1914	309467



ID	Location	Land Use	Date	Group ID
EZ	403m S	Unspecified Old Quarries	1901	262280
FB	403m S	Unspecified Ground Workings	1921	273427
EZ	403m S	Old Coal Level	1948	284420
FB	404m S	Unspecified Heap	1914	304489
FB	404m S	Unspecified Heap	1914	304489
EY	404m SE	Cuttings	1948	283886
ES	404m NW	Unspecified Heap	1965	296692
EM	404m S	Unspecified Pit	1921	286860
EZ	405m S	Old Coal Level	1921	303196
EZ	405m S	Old Coal Level	1921	303196
EZ	406m S	Old Coal Level	1903	315479
EY	407m SE	Cuttings	1921	279343
EY	410m SE	Cuttings	1921	289959
DX	410m S	Old Coal Level	1921	264556
FB	411m S	Unspecified Ground Workings	1921	299731
EK	411m N	Railway Sidings	1900	307339
EY	414m SE	Cuttings	1921	283886
EK	415m N	Railway Sidings	1948	306733
EK	415m N	Railway Sidings	1903	307339
FC	416m E	Unspecified Ground Workings	1948	277660
FC	416m E	Unspecified Ground Workings	1921	274155
FC	416m E	Unspecified Ground Workings	1921	274155
EK	416m N	Railway Sidings	1921	311303
FD	417m N	Railway Sidings	1965	274545
EK	417m N	Railway Buildings	1962	280439
EK	417m N	Railway Buildings	1977	280439
EK	417m N	Railway Buildings	1948	278361
EK	417m N	Railway Buildings	1903	293722



ID	Location	Land Use	Date	Group ID
EK	418m N	Railway Buildings	1900	293722
EK	420m N	Railway Building	1921	256578
EK	420m N	Railway Buildings	1877	308538
FE	421m SE	Old Coal Level	1921	294600
FE	423m SE	Old Coal Level	1948	306966
EK	423m N	Railway Sidings	1921	284633
EK	423m N	Railway Station	1921	265209
EK	423m N	Junction Station	1921	263921
EK	425m N	Railway Building	1921	256579
FE	425m SE	Old Coal Level	1921	306966
FE	425m SE	Old Coal Level	1921	306966
FE	425m SE	Old Coal Level	1921	272996
FC	426m E	Old Ironstone Quarry	1877	255860
FC	426m E	Unspecified Ground Workings	1903	304760
EK	427m N	Railway Sidings	1877	302999
FD	427m NW	Unspecified Drift	1948	289640
FC	432m E	Unspecified Ground Workings	1921	281287
59	433m W	Old Coal Pit	1877	254224
FC	435m E	Unspecified Ground Workings	1914	313786
FC	435m E	Unspecified Ground Workings	1914	313786
FD	436m N	Railway Sidings	1914	296057
FD	436m N	Railway Sidings	1914	296057
FD	436m N	Railway Sidings	1877	302999
EK	437m N	Railway Buildings	1962	308769
EK	437m N	Railway Building	1962	256580
FF	437m W	Old Ironstone Level	1948	303430
FG	439m NE	Unspecified Ground Workings	1977	293032
FG	440m NE	Unspecified Ground Workings	1877	297685



ID	Location	Land Use	Date	Group ID
FD	440m N	Railway Sidings	1948	317043
FD	441m N	Railway Sidings	1921	283763
FD	441m N	Railway Sidings	1921	278741
FD	442m N	Railway Sidings	1921	301486
ES	442m NW	Unspecified Pit	1877	267965
FH	443m NE	Cuttings	1877	301492
EK	445m NE	Cuttings	1877	268991
FG	446m NE	Unspecified Ground Workings	1962	311201
FG	447m NE	Unspecified Ground Workings	1921	300609
FI	447m SE	Railway Sidings	1903	293524
ES	448m NW	Unspecified Ground Workings	1948	290031
ES	448m NW	Unspecified Ground Workings	1903	289691
ES	448m NW	Unspecified Ground Workings	1965	290031
FG	449m NE	Unspecified Ground Workings	1921	282357
FG	449m NE	Unspecified Ground Workings	1921	294075
FG	452m NE	Unspecified Ground Workings	1900	286889
FG	453m NE	Unspecified Ground Workings	1903	280490
FD	453m N	Colliery	1914	315445
FD	453m N	Colliery	1914	315445
FD	457m N	Colliery	1921	315445
FD	457m N	Colliery	1921	315445
FD	458m N	Colliery	1921	274181
ES	458m NW	Unspecified Heap	1877	259917
FI	459m SE	Tramway Sidings	1900	256937
EK	461m NE	Railway Building	1962	300539
EK	463m NE	Railway Building	1948	300080
EK	463m N	Railway Building	1921	314070
DX	466m S	Old Coal Level	1921	264554



ID	Location	Land Use	Date	Group ID
FD	466m N	Unspecified Drift	1921	291654
FF	467m W	Disused Old Ironstone Level	1877	275416
FD	467m NW	Refuse Heap	1987	304638
FF	467m W	Unspecified Pit	1921	286468
FF	467m W	Unspecified Pit	1921	286468
EX	468m E	Unspecified Heap	1948	291138
FF	468m W	Unspecified Pit	1901	295597
FF	468m W	Unspecified Pit	1903	278503
FD	468m N	Railway Building	1921	286696
FD	468m N	Railway Building	1921	286696
FF	468m W	Old Ironstone Level	1914	316860
FF	468m W	Old Ironstone Level	1914	316860
FF	469m W	Unspecified Pit	1948	309180
FF	469m W	Unspecified Pit	1921	276383
FJ	469m S	Old Coal Level	1921	283269
FG	470m NE	Unspecified Tank	1877	252731
EX	470m E	Unspecified Ground Workings	1914	315039
EX	470m E	Unspecified Ground Workings	1914	315039
EX	470m E	Unspecified Ground Workings	1921	272605
FJ	471m S	Old Coal Level	1921	312663
EX	471m E	Unspecified Heap	1921	291138
EX	471m E	Unspecified Heap	1921	291138
FJ	472m S	Old Coal Level	1948	302819
60	472m S	Ambulance Station	1981	270301
FK	472m E	Unspecified Heap	1877	309064
FJ	473m S	Old Coal Level	1921	312663
FJ	473m S	Old Coal Level	1921	312663
FB	473m S	Unspecified Ground Workings	1948	284721



ID	Location	Land Use	Date	Group ID
FG	473m NE	Unspecified Ground Workings	1877	316444
ES	474m NW	Cuttings	1921	268997
FB	478m S	Unspecified Ground Workings	1921	284721
FB	478m S	Unspecified Ground Workings	1921	284721
FH	478m NE	Cuttings	1921	293540
61	481m NW	Unspecified Old Quarry	1877	289067
FB	483m S	Unspecified Ground Workings	1988	297022
FB	483m S	Unspecified Ground Workings	1964	297022
FD	483m N	Unspecified Heap	1965	259929
FF	485m W	Old Ironstone Level	1921	317030
FD	485m N	Unspecified Ground Workings	1903	267208
FD	485m N	Old Ironstone Quarry	1877	255863
FF	486m W	Old Ironstone Level	1921	305014
FF	486m W	Disused Old Ironstone Level	1901	275416
FH	486m NE	Cuttings	1948	293540
FH	486m NE	Cuttings	1903	313826
FL	487m S	Unspecified Ground Workings	1921	309100
FF	487m W	Unspecified Old Level	1903	264821
FF	487m W	Unspecified Ground Workings	1914	316301
FF	487m W	Unspecified Ground Workings	1914	316301
FC	487m E	Unspecified Ground Workings	1921	314744
FF	487m W	Old Ironstone Level	1921	279678
FD	488m N	Refuse Heap	1914	296641
FD	488m N	Refuse Heap	1914	296641
FB	488m S	Unspecified Ground Workings	1903	276585
FL	488m S	Unspecified Ground Workings	1921	309100
FB	489m S	Unspecified Ground Workings	1876	298622
FL	491m S	Unspecified Heap	1921	278274



ID	Location	Land Use	Date	Group ID
FL	491m S	Unspecified Heap	1921	278274
FL	491m S	Old Coal Level	1948	295083
FD	492m N	Refuse Heap	1948	296806
FL	492m S	Unspecified Ground Workings	1876	283934
FC	492m E	Unspecified Ground Workings	1914	294066
FC	492m E	Unspecified Ground Workings	1914	290159
FL	493m S	Old Coal Level	1900	283173
FK	493m E	Unspecified Heap	1948	277084
EX	493m E	Unspecified Heap	1965	300766
EX	493m E	Unspecified Heap	1987	300766
FD	494m N	Refuse Heap	1921	296641
FD	494m N	Refuse Heap	1921	296641
FL	494m S	Old Coal Level	1903	303774
FK	494m E	Unspecified Heap	1903	303656
EX	495m E	Unspecified Ground Workings	1921	282671
EX	495m E	Unspecified Ground Workings	1921	282671
FF	497m W	Unspecified Pit	1965	304403
FK	497m E	Unspecified Ground Workings	1921	285174
FK	497m E	Unspecified Ground Workings	1921	285174
FF	497m W	Unspecified Pit	1948	314844
FF	497m W	Unspecified Pit	1921	314844
FK	498m E	Unspecified Heap	1877	317683
FK	498m E	Unspecified Heap	1903	279784
FM	499m S	Unspecified Pit	1988	280357
FM	499m S	Unspecified Pit	1964	280357

This data is sourced from Ordnance Survey / Groundsure.



2.2 Historical tanks

Records within 500m

34

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 65**

ID	Location	Land Use	Date	Group ID
30	On site	Unspecified Tank	1996	34169
A	On site	Unspecified Tank	1962	34103
A	On site	Unspecified Tank	1989	34102
BD	On site	Unspecified Tank	1918	34175
CG	On site	Unspecified Tank	1989	35653
CG	On site	Unspecified Tank	1989	35653
CG	On site	Unspecified Tank	1989	35653
CG	On site	Unspecified Tank	1989	35653
CG	On site	Unspecified Tank	1996	35177
CH	On site	Tanks	1997	34818
CH	On site	Unspecified Tank	1962	36576
CH	On site	Unspecified Tank	1986	36576
AL	On site	Tanks	1997	35253
AL	On site	Tanks	1997	36763
AL	On site	Tanks	1986	36763
AL	On site	Tanks	1986	35253
AZ	On site	Unspecified Tank	1918	35638
AZ	On site	Unspecified Tank	1962	36092
AZ	On site	Unspecified Tank	1986	35389
AZ	On site	Unspecified Tank	1877	35686
BK	26m SE	Unspecified Tank	1877	34168
DB	87m N	Unspecified Tank	1997	34171
EE	260m S	Unspecified Tank	1962	34961



ID	Location	Land Use	Date	Group ID
EE	261m S	Unspecified Tank	1989	35567
EE	261m S	Unspecified Tank	1990	35567
EG	367m NE	Unspecified Tank	1905	36444
EG	367m NE	Unspecified Tank	1919	36444
EW	383m N	Unspecified Tank	1989	36170
EW	383m N	Unspecified Tank	1989	36170
EW	383m N	Unspecified Tank	1989	36170
EW	383m N	Unspecified Tank	1989	36170
EK	405m N	Unspecified Tank	1877	34170
EK	460m NE	Unspecified Tank	1962	34172
FG	479m NE	Unspecified Tank	1877	34173

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

6

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 65**

ID	Location	Land Use	Date	Group ID
BE	On site	Electricity Substation	1993	18481
BE	On site	Electricity Substation	1997	18481
BE	0m N	Electricity Substation	1980	18481
BE	0m N	Electricity Substation	1986	18481
BE	15m N	Electricity Substation	1980	18010
BE	17m N	Electricity Substation	1997	18254

This data is sourced from Ordnance Survey / Groundsure.



2.4 Historical petrol stations

Records within 500m

0

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

2.5 Historical garages

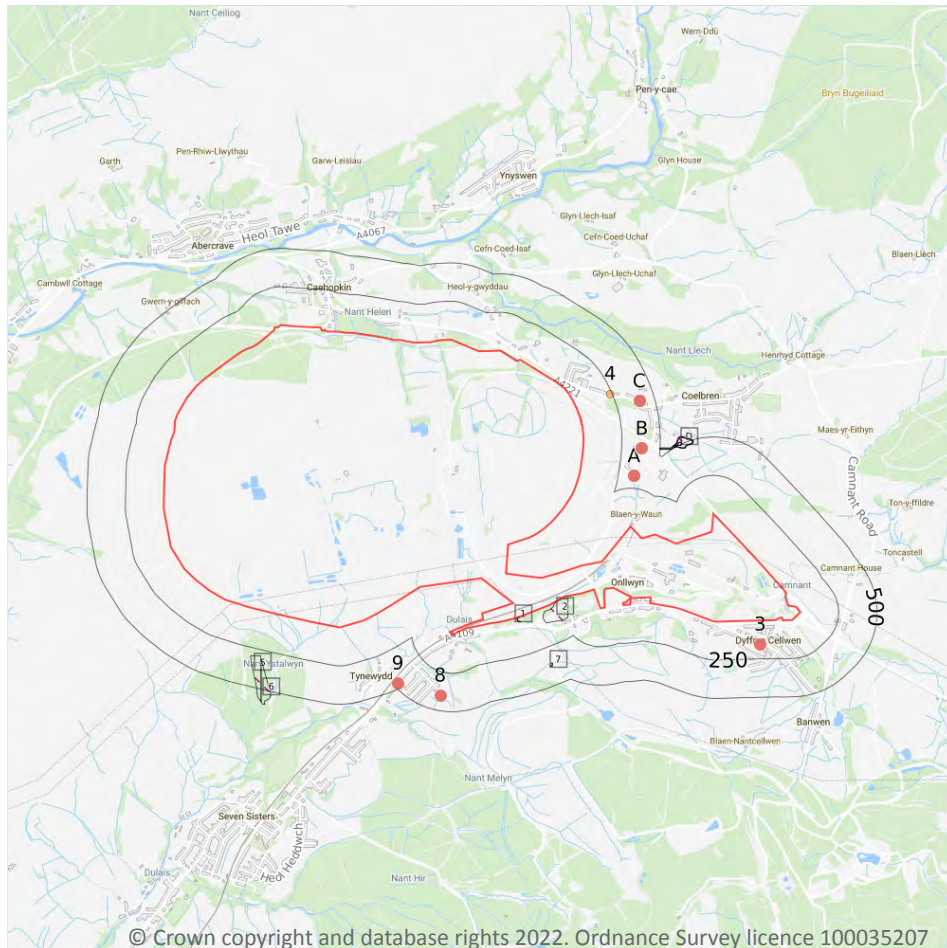
Records within 500m

0

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

3 Waste and landfill



- Site Outline
- Search buffers in metres (m)
-  Historical landfill (EA/NRW)
-  Historical landfill (LA/OS)
-  Historical waste sites
-  Waste exemptions

3.1 Active or recent landfill

Records within 500m

0

Active or recently closed landfill sites under Environment Agency/Natural Resources Wales regulation.

This data is sourced from the Environment Agency and Natural Resources Wales.

3.2 Historical landfill (BGS records)

Records within 500m

0

Landfill sites identified on a survey carried out on behalf of the DoE in 1973. These sites may have been closed or operational at this time.

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m

9

Landfill sites identified from Local Authority records and high detail historical mapping.

Features are displayed on the Waste and landfill map on **page 133**

ID	Location	Site address	Source	Data type
1	1m S	Refuse Tip	1961 mapping	Polygon
2	4m SE	Refuse Tip	1961 mapping	Polygon
5	289m S	Refuse Tip	1961 mapping	Polygon
6	310m S	Refuse Tip	1962 mapping	Polygon
7	356m S	Refuse Tip	1962 mapping	Polygon
D	464m NW	Refuse Tip	1987 mapping	Polygon
D	466m NW	Refuse Tip	1986 mapping	Polygon
D	492m NW	Refuse Tip	1979 mapping	Polygon
D	494m NW	Refuse Tip	1962 mapping	Polygon

This data is sourced from the Ordnance Survey/Groundsure and Local Authority records.

3.4 Historical landfill (EA/NRW records)

Records within 500m

1

Known historical (closed) landfill sites (e.g. sites where there is no PPC permit or waste management licence currently in force). This includes sites that existed before the waste licensing regime and sites that have been licensed in the past but where a licence has been revoked, ceased to exist or surrendered and a certificate of completion has been issued.

Features are displayed on the Waste and landfill map on **page 133**

ID	Location	Details		
D	467m NW	Site Address: Moorside Villas Licence Holder Address: -	Waste Licence: - Site Reference: CS11/38 Waste Type: Commercial, Household Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: - First Recorded - Last Recorded: 31/12/1974

This data is sourced from the Environment Agency and Natural Resources Wales.



3.5 Historical waste sites

Records within 500m

1

Waste site records derived from Local Authority planning records and high detail historical mapping.

Features are displayed on the Waste and landfill map on **page 133**

ID	Location	Address	Further Details	Date
4	211m NE	Site Address: Maesgwyn Open Cast Site, Banwen, Coelbren, NEATH, West Glamorgan, SA10 9NY	Type of Site: Waste Transfer Station (Conversion/Extension) Planning application reference: P2008/0869 Description: Scheme comprises change of use to transfer station and construction of ancillary offices with car parking spaces and landscaping. Construction - black top surfacing, planting site works. An application (ref: P2008/0869) for detailed planning permission was granted by Neath & Port Talbot B.C. Planning decision obtained Data source: Historic Planning Application Data Type: Point	-

This data is sourced from Ordnance Survey/Groundsure and Local Authority records.

3.6 Licensed waste sites

Records within 500m

0

Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation.

This data is sourced from the Environment Agency and Natural Resources Wales.

3.7 Waste exemptions

Records within 500m

33

Activities involving the storage, treatment, use or disposal of waste that are exempt from needing a permit. Exemptions have specific limits and conditions that must be adhered to.

Features are displayed on the Waste and landfill map on **page 133**

ID	Location	Site	Reference	Category	Sub-Category	Description
3	157m S	Dyffryn Pharmacy Ltd, Dyffryn Pharmacy Ltd, 55 Main Road, Dyffryn Cellwen, Neath, Castell-nedd Port Talbot, SA10 9HR	NRW-WME067670	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal



ID	Location	Site	Reference	Category	Sub-Category	Description
A	328m N	Rhyd Ffos Ddu Farm, Onllwyn Road, Coelbren, Neath, Powys, SA10 9NW	NRW-WME050858	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
A	328m N	Rhyd Ffos Ddu Farm, Onllwyn Road, Coelbren, Neath, Powys, SA10 9NW	NRW-WME050858	Treating waste exemption	On a farm	Aerobic composting and associated prior treatment
A	328m N	Rhyd Ffos Ddu Farm, Onllwyn Road, Coelbren, Neath, Powys, SA10 9NW	NRW-WME050858	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
A	328m N	Rhyd Ffos Ddu Farm, Onllwyn Road, Coelbren, Neath, Powys, SA10 9NW	NRW-WME050858	Using waste exemption	On a farm	Use of waste in construction
A	328m N	Rhyd Ffos Ddu Farm, Onllwyn Road, Coelbren, Neath, Powys, SA10 9NW	NRW-WME050858	Disposing of waste exemption	On a farm	Burning waste in the open
A	328m N	Rhyd Ffos Ddu Farm, Onllwyn Road, Coelbren, Neath, Powys, SA10 9NW	NRW-WME050858	Storing waste exemption	On a farm	Storage of waste in a secure place
A	328m N	Rhyd Ffos Ddu Farm, Onllwyn Road, Coelbren, Neath, Powys, SA10 9NW	NRW-WME050858	Using waste exemption	On a farm	Use of waste for a specified purpose
A	328m N	Rhyd Ffos Ddu Farm, Onllwyn Road, Coelbren, Neath, Powys, SA10 9NW	NRW-WME050858	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
A	331m N	Rhyd Ffos Ddu Farm, Onllwyn Road, Coelbren, Castell-Nedd, Powys, SA109NW	NRW-WME020607	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
A	331m N	Rhyd Ffos Ddu Farm, Onllwyn Road, Coelbren, Castell-Nedd, Powys, SA109NW	NRW-WME020607	Using waste exemption	On a farm	Use of waste for a specified purpose
A	331m N	Rhyd Ffos Ddu Farm, Onllwyn Road, Coelbren, Castell-Nedd, Powys, SA109NW	NRW-WME020607	Disposing of waste exemption	On a farm	Burning waste in the open
A	331m N	Rhyd Ffos Ddu Farm, Onllwyn Road, Coelbren, Castell-Nedd, Powys, SA109NW	NRW-WME020607	Using waste exemption	On a farm	Use of waste in construction



ID	Location	Site	Reference	Category	Sub-Category	Description
A	331m N	Rhyd Ffos Ddu Farm, Onllwyn Road, Coelbren, Castell-Nedd, Powys, SA109NW	NRW-WME020607	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
B	381m E	part Rhyddfosddu farm, Coelbren, Castell-Nedd, SA109NP	NRW-WME016327	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance
B	381m E	part Rhyddfosddu farm, Coelbren, Castell-Nedd, SA109NP	NRW-WME016327	Treating waste exemption	On a farm	Screening and blending of waste
B	381m E	part Rhyddfosddu farm, Coelbren, Castell-Nedd, SA109NP	NRW-WME016327	Using waste exemption	On a farm	Use of mulch
B	381m E	part Rhyddfosddu farm, Coelbren, Castell-Nedd, SA109NP	NRW-WME016327	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
B	381m E	part Rhyddfosddu farm, Coelbren, Castell-Nedd, SA109NP	NRW-WME016327	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
B	381m E	part Rhyddfosddu farm, Coelbren, Castell-Nedd, SA109NP	NRW-WME016327	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
B	381m E	part Rhyddfosddu farm, Coelbren, Castell-Nedd, SA109NP	NRW-WME016327	Using waste exemption	On a farm	Spreading waste on non-agricultural land to confer benefit
B	381m E	part Rhyddfosddu farm, Coelbren, Castell-Nedd, SA109NP	NRW-WME016327	Using waste exemption	On a farm	Use of waste in construction
B	381m E	part Rhyddfosddu farm, Coelbren, Castell-Nedd, SA109NP	NRW-WME016327	Disposing of waste exemption	On a farm	Burning waste in the open
B	381m E	part Rhyddfosddu farm, Coelbren, Castell-Nedd, SA109NP	NRW-WME016327	Treating waste exemption	On a farm	Cleaning, washing, spraying or coating relevant waste
B	381m E	part Rhyddfosddu farm, Coelbren, Castell-Nedd, SA109NP	NRW-WME016327	Disposing of waste exemption	On a farm	Deposit of waste from a portable sanitary convenience
B	381m E	part Rhyddfosddu farm, Coelbren, Castell-Nedd, SA109NP	NRW-WME016327	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit

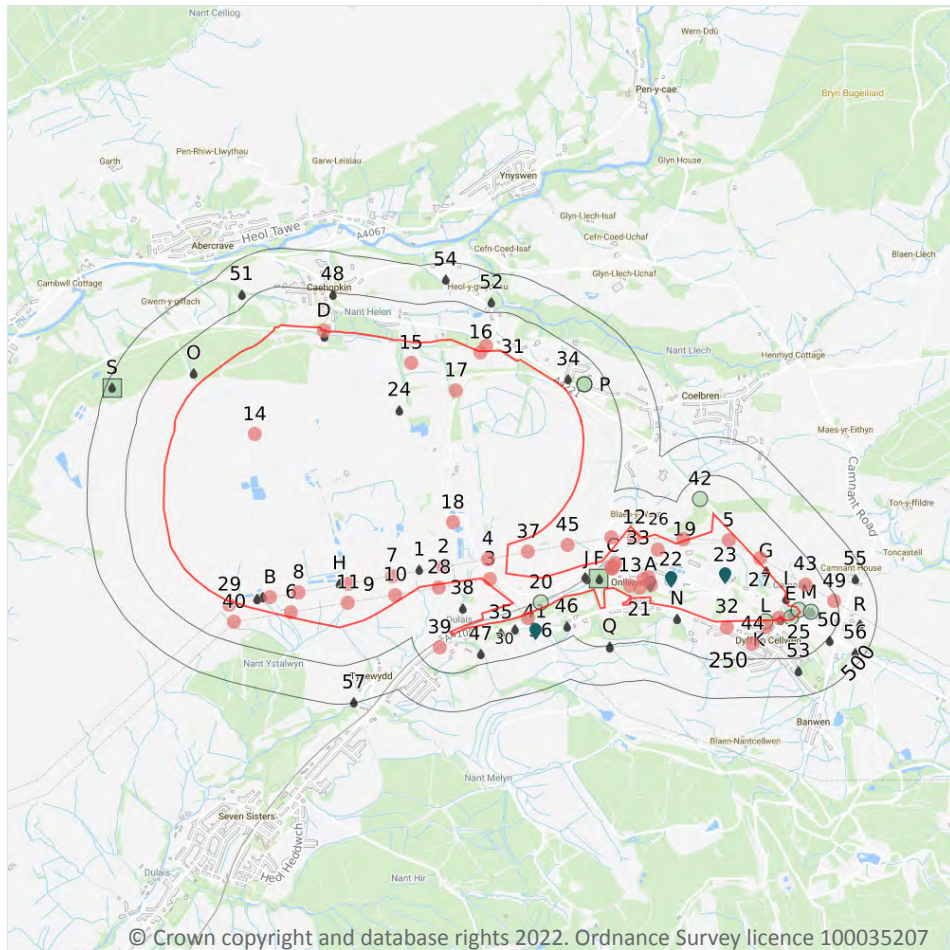


ID	Location	Site	Reference	Category	Sub-Category	Description
B	381m E	part Rhyddfosddu farm, Coelbren, Castell-Nedd, SA109NP	NRW-WME016327	Using waste exemption	On a farm	Use of waste to manufacture finished goods
B	381m E	part Rhyddfosddu farm, Coelbren, Castell-Nedd, SA109NP	NRW-WME016327	Using waste exemption	On a farm	Use of waste for a specified purpose
C	398m E	Bwthyn Y Drym, Cefn Byrle Road, Coelbren, Castell-Nedd, SA109NU	NRW-WME013026	Disposing of waste exemption	Waste Exemption - Agricultural and Non-Agricultural	Deposit of waste from dredging of inland waters
C	398m E	Bwthyn Y Drym, Cefn Byrle Road, Coelbren, Castell-Nedd, SA109NU	NRW-WME013026	Storing waste exemption	Waste Exemption - Agricultural and Non-Agricultural	Storage of waste in a secure place
C	398m E	Bwthyn Y Drym, Cefn Byrle Road, Coelbren, Castell-Nedd, SA109NU	NRW-WME013026	Disposing of waste exemption	Waste Exemption - Agricultural and Non-Agricultural	Burning waste in the open
8	404m S	Aberhenwaun Uchaf, pantyfford, neath, swansea, west glamorgan, SA10 9BS	NRW-WME058796	Using waste exemption	On a farm	Use of waste in construction
9	467m SE	Hen Waun Golwg Y Bryn Blaendulais Castell-Nedd SA109BR	NRW-WME017294	Using waste exemption	On a farm	Use of waste in construction

This data is sourced from the Environment Agency and Natural Resources Wales.



4 Current industrial land use



- Site Outline
- Search buffers in metres (m)
- Recent industrial land uses
- Licensed pollutant release (Part A(2)/B)
- Licensed Discharges to controlled waters
- List 2 Dangerous Substances
- Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m

45

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 139**

ID	Location	Company	Address	Activity	Category
2	On site	Pylon	Powys, SA10	Electrical Features	Infrastructure and Facilities
3	On site	Pylon	West Glamorgan, SA10	Electrical Features	Infrastructure and Facilities
4	On site	Pylon	Powys, SA10	Electrical Features	Infrastructure and Facilities



ID	Location	Company	Address	Activity	Category
5	On site	Pylon	West Glamorgan, SA10	Electrical Features	Infrastructure and Facilities
6	On site	Pylon	West Glamorgan, SA10	Electrical Features	Infrastructure and Facilities
7	On site	Pylon	Powys, SA10	Electrical Features	Infrastructure and Facilities
8	On site	Pylon	Powys, SA10	Electrical Features	Infrastructure and Facilities
9	On site	Pylon	Powys, SA10	Electrical Features	Infrastructure and Facilities
10	On site	Pylon	West Glamorgan, SA10	Electrical Features	Infrastructure and Facilities
11	On site	Pylon	West Glamorgan, SA10	Electrical Features	Infrastructure and Facilities
12	On site	Pylon	West Glamorgan, SA10	Electrical Features	Infrastructure and Facilities
13	On site	Coal Washery	West Glamorgan, SA10	Coal Mining	Extractive Industries
14	On site	Nant-Helen Opencast Coal Mine	Powys, SA9	Coal Mining	Extractive Industries
15	On site	Adit	Powys, SA9	Unspecified Quarries Or Mines	Extractive Industries
16	On site	Adit	Powys, SA9	Unspecified Quarries Or Mines	Extractive Industries
17	On site	Adit	Powys, SA9	Unspecified Quarries Or Mines	Extractive Industries
18	On site	Tank	Powys, SA10	Tanks (Generic)	Industrial Features
19	On site	Gantry	West Glamorgan, SA10	Travelling Cranes and Gantries	Industrial Features
21	On site	CPL Distribution Ltd	Weighbridge, Onllwyn, Neath, West Glamorgan, SA10 9HN	Fuel Distributors and Suppliers	Household, Office, Leisure and Garden
A	On site	Celtic Energy	Coelbren, Neath, West Glamorgan, SA10 9NL	Fuel Distributors and Suppliers	Household, Office, Leisure and Garden
A	On site	Celtic Energy	Onllwyn New Washery & Distribution Centre, Onllwyn, Neath, West Glamorgan, SA10 9HN	Fuel Distributors and Suppliers	Household, Office, Leisure and Garden



ID	Location	Company	Address	Activity	Category
A	On site	Works	West Glamorgan, SA10	Unspecified Works Or Factories	Industrial Features
B	On site	Pylon	Powys, SA10	Electrical Features	Infrastructure and Facilities
C	On site	Tank	West Glamorgan, SA10	Tanks (Generic)	Industrial Features
C	On site	Tank	West Glamorgan, SA10	Tanks (Generic)	Industrial Features
C	On site	Tank	West Glamorgan, SA10	Tanks (Generic)	Industrial Features
C	On site	Tank	West Glamorgan, SA10	Tanks (Generic)	Industrial Features
D	On site	Tank	Powys, SA9	Tanks (Generic)	Industrial Features
K	1m SE	Pumping Station	West Glamorgan, SA10	Water Pumping Stations	Industrial Features
26	14m N	Pylon	West Glamorgan, SA10	Electrical Features	Infrastructure and Facilities
27	21m NE	Pylon	West Glamorgan, SA10	Electrical Features	Infrastructure and Facilities
28	21m S	Pylon	West Glamorgan, SA10	Electrical Features	Infrastructure and Facilities
29	23m S	Pylon	Powys, SA10	Electrical Features	Infrastructure and Facilities
30	28m S	Pylon	West Glamorgan, SA10	Electrical Features	Infrastructure and Facilities
31	34m N	Electricity Sub Station	Powys, SA9	Electrical Features	Infrastructure and Facilities
32	36m S	Electricity Sub Station	West Glamorgan, SA10	Electrical Features	Infrastructure and Facilities
L	38m S	Electricity Sub Station	West Glamorgan, SA10	Electrical Features	Infrastructure and Facilities
33	52m NW	Pylon	West Glamorgan, SA10	Electrical Features	Infrastructure and Facilities
37	87m S	Pylon	Powys, SA10	Electrical Features	Infrastructure and Facilities
39	115m SW	R C Davies Skip Hire	48, Golwg y Bryn, Seven Sisters, Neath, West Glamorgan, SA10 9BY	Construction and Tool Hire	Hire Services
40	122m S	Pylon	West Glamorgan, SA10	Electrical Features	Infrastructure and Facilities



ID	Location	Company	Address	Activity	Category
43	135m NE	Pylon	West Glamorgan, SA10	Electrical Features	Infrastructure and Facilities
44	151m S	R C Davies Skip Hire	49, Main Road, Dyffryn Cellwen, West Glamorgan, SA10 9HR	Construction and Tool Hire	Hire Services
45	156m N	Pylon	Powys, SA10	Electrical Features	Infrastructure and Facilities
49	233m E	Pylon	West Glamorgan, SA10	Electrical Features	Infrastructure and Facilities

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m	0
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Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m	0
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High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m	0
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High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m	0
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Contaminated Land Register of sites designated under Part 2a of the Environmental Protection Act 1990.

This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

Records within 500m

0

Control of Major Accident Hazards (COMAH) sites. This data includes upper and lower tier sites, and includes a historical archive of COMAH sites and Notification of Installations Handling Hazardous Substances (NIHHS) records.

This data is sourced from the Health and Safety Executive.

4.7 Regulated explosive sites

Records within 500m

0

Sites registered and licensed by the Health and Safety Executive under the Manufacture and Storage of Explosives Regulations 2005 (MSER). The last update to this data was in April 2011.

This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m

0

Consents granted for a site to hold certain quantities of hazardous substances at or above defined limits in accordance with the Planning (Hazardous Substances) Regulations 2015.

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m

0

Integrated Pollution Control (IPC) records of substance releases to air, land and water. This data represents a historical archive as the IPC regime has been superseded.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.10 Licensed industrial activities (Part A(1))

Records within 500m

0

Records of Part A(1) installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.11 Licensed pollutant release (Part A(2)/B)

Records within 500m

4

Records of Part A(2) and Part B installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

Features are displayed on the Current industrial land use map on **page 139**

ID	Location	Address	Details	
22	On site	Celtic Energy Limited, Onllwyn Central Washery, Onllwyn, Neath Port Talbot, SA10 9HN	Process: Coal & Coke Status: Current Permit Permit Type: Part B	Enforcement: No enforcements issued Date of enforcement: No enforcements issued Comment: No enforcements issued
23	On site	CPL Distribution Limited, CPL Onllwyn Depot, Onllwyn Washery, Seven Sisters, Neath Port Talbot, SA10 9HN	Process: Coal & Coke Status: Current Permit Permit Type: Part B	Enforcement: No enforcements issued Date of enforcement: No enforcements issued Comment: No enforcements issued
A	On site	Celtic Energy, Nant Helen Opencast Site, Coelbren, Neath, West Glamorgan, SA10 9NL	Process: Other Mineral Processes Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
41	128m S	Celtic Energy Limited/CPL Distribution Limited, Onllwyn Central Washery, Onllwyn, Neath, Port Talbot, SA10 9HN	Process: Coal & Coke Status: Historical Permit Permit Type: Part B	Enforcement: No enforcements issued Date of enforcement: 08/04/2003 Comment: No enforcements issued

This data is sourced from Local Authority records.

4.12 Radioactive Substance Authorisations

Records within 500m

0

Records of the storage, use, accumulation and disposal of radioactive substances regulated under the Radioactive Substances Act 1993.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.13 Licensed Discharges to controlled waters

Records within 500m

53

Discharges of treated or untreated effluent to controlled waters under the Water Resources Act 1991.

Features are displayed on the Current industrial land use map on **page 139**



ID	Location	Address	Details	
1	On site	OUTLET C NANT HELEN OCCS, NANT HELEN OCCS	Effluent Type: MINEWATER Permit Number: BM0032103 Permit Version: 6 Receiving Water: RIVER DULAIS	Status: Effective Issue date: 08/01/1998 Effective Date: 09/01/1998 Revocation Date: -
24	On site	ONLLWYN OPENCAST SITE POINT B (ABAN, ONLLWYN OPENCAST SITE POINT B (A, POINT B (ABANDONED)	Effluent Type: UNSPECIFIED Permit Number: BC0013002 Permit Version: 1 Receiving Water: NANT HELEN	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 01/07/1971 Effective Date: 01/07/1971 Revocation Date: 02/03/1992
B	On site	STORM OUTLET A2 NANT HELEN OCCS, NANT HELEN OCCS	Effluent Type: MINEWATER Permit Number: BM0032106 Permit Version: 2 Receiving Water: RIVER DULAIS	Status: REVOKED - UNSPECIFIED Issue date: 14/09/1992 Effective Date: 14/09/1992 Revocation Date: 12/03/1997
B	On site	NANT HELEN OCCS OUTLET A1, OUTLET A1	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: BM0032101 Permit Version: 3 Receiving Water: RIVER DULAIS	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV Issue date: 14/09/1992 Effective Date: 14/09/1992 Revocation Date: 10/07/2001
B	On site	STORM OUTLET A2 NANT HELEN OCCS, NANT HELEN OCCS	Effluent Type: MINEWATER Permit Number: BM0032106 Permit Version: 3 Receiving Water: RIVER DULAIS	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV Issue date: 12/03/1997 Effective Date: 13/03/1997 Revocation Date: 10/07/2001
B	On site	NANT HELEN OCCS OUTLET A1, OUTLET A1	Effluent Type: UNSPECIFIED Permit Number: BM0032101 Permit Version: 1 Receiving Water: RIVER DULAIS	Status: REVOKED - UNSPECIFIED Issue date: 30/01/1985 Effective Date: 30/01/1985 Revocation Date: 10/07/1990
B	On site	NANT HELEN OCCS OUTLET A1, OUTLET A1	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: BM0032101 Permit Version: 2 Receiving Water: RIVER DULAIS	Status: REVOKED - UNSPECIFIED Issue date: 11/07/1990 Effective Date: 11/07/1990 Revocation Date: 13/09/1992
B	On site	STORM OUTLET A2 NANT HELEN OCCS, NANT HELEN OCCS	Effluent Type: MINEWATER Permit Number: BM0032106 Permit Version: 1 Receiving Water: RIVER DULAIS	Status: REVOKED - UNSPECIFIED Issue date: 11/07/1990 Effective Date: 11/07/1990 Revocation Date: 13/09/1992
D	On site	NANT HELEN OCCS OUTLET D, OUTLET D	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: BM0032104 Permit Version: 3 Receiving Water: UNNAMED TRIB OF RIVER TAWNE	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV Issue date: 14/09/1992 Effective Date: 14/09/1992 Revocation Date: 18/11/1998



ID	Location	Address	Details	
D	On site	NANT HELEN OCCS OUTLET D, OUTLET D	Effluent Type: UNSPECIFIED Permit Number: BM0032104 Permit Version: 1 Receiving Water: UNNAMED TRIB OF RIVER TAWE	Status: REVOKED - UNSPECIFIED Issue date: 30/01/1985 Effective Date: 30/01/1985 Revocation Date: 10/07/1990
D	On site	NANT HELEN OCCS OUTLET D, OUTLET D	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: BM0032104 Permit Version: 2 Receiving Water: UNNAMED TRIB OF RIVER TAWE	Status: REVOKED - UNSPECIFIED Issue date: 11/07/1990 Effective Date: 11/07/1990 Revocation Date: 13/09/1992
E	On site	ONLLWYN STORM WATER OVERFLOW, STORM WATER OVERFLOW	Effluent Type: UNSPECIFIED Permit Number: BP0058701 Permit Version: 1 Receiving Water: RIVER CAMNANT	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY Issue date: 02/09/1987 Effective Date: 02/09/1987 Revocation Date: 17/02/1988
F	On site	ONLLWYN WASHERY NEATH, NEATH	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: BA2010001 Permit Version: 3 Receiving Water: AFON DULAIS (TRIB OF RIVER NEA	Status: Effective Issue date: 30/03/1994 Effective Date: 30/03/1994 Revocation Date: -
G	On site	VEDMORE SIDINGS OUTLET B	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: BB4027001 Permit Version: 2 Receiving Water: NANT CAMNANT	Status: Effective Issue date: 20/03/1989 Effective Date: 20/03/1989 Revocation Date: -
G	On site	VEDMORE SIDINGS OUTLET B	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: BB4027002 Permit Version: 1 Receiving Water: NANT CAMNANT	Status: Effective Issue date: 20/03/1989 Effective Date: 20/03/1989 Revocation Date: -
H	On site	STORM OUTLET B2 NANT HELEN OCCS, NANT HELEN OCCS	Effluent Type: MINEWATER Permit Number: BM0032107 Permit Version: 4 Receiving Water: R DULAIS	Status: Effective Issue date: 12/03/1997 Effective Date: 12/03/1997 Revocation Date: -
H	On site	STORM OUTLET B2 NANT HELEN OCCS, NANT HELEN OCCS	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: BM0032102 Permit Version: 4 Receiving Water: RIVER DULAIS	Status: Effective Issue date: 12/03/1997 Effective Date: 13/03/1997 Revocation Date: -



ID	Location	Address	Details	
I	On site	HEOL GAER ONLLWYN SWO 1, ONLLWYN SWO 1	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: BW2903101 Permit Version: 2 Receiving Water: CAMNANT (DYFFRYN CELLWEN)	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV Issue date: 07/03/2005 Effective Date: 01/04/2008 Revocation Date: 31/03/2009
I	On site	HEOL GAER ONLLWYN SWO 1, ONLLWYN SWO 1	Effluent Type: UNSPECIFIED Permit Number: BW2903101 Permit Version: 1 Receiving Water: CAMNANT (DYFFRYN CELLWEN)	Status: NEW CONSENT, BY APPLICATION (WRA 91, SECTION 88) Issue date: 17/06/1963 Effective Date: 17/06/1963 Revocation Date: 30/03/2008
J	On site	ONLLWYN WASHERY NEATH, NEATH	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: BA2010001 Permit Version: 1 Receiving Water: AFON DULAIS (TRIB OF RIVER NEA	Status: REVOKED - UNSPECIFIED Issue date: 30/07/1985 Effective Date: 30/07/1985 Revocation Date: 29/03/1994
J	On site	ONLLWYN OPENCAST SITE - POINTS	Effluent Type: UNSPECIFIED Permit Number: BB3024801 Permit Version: 1 Receiving Water: RIVER DULAIS	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 28/06/1971 Effective Date: 28/06/1971 Revocation Date: 02/03/1992
K	14m W	Onllwyn SPS, Opp 1 Heol Gaer, Onllwyn, NEATH, SA10 9HT	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: BP0135001 Permit Version: 4 Receiving Water: Afon Camnant	Status: Effective Issue date: 17/12/2019 Effective Date: 17/12/2019 Revocation Date: -
K	14m W	Onllwyn SPS, Opp 1 Heol Gaer, Onllwyn, NEATH, SA10 9HT	Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY Permit Number: BP0135001 Permit Version: 4 Receiving Water: Afon Camnant	Status: Effective Issue date: 17/12/2019 Effective Date: 17/12/2019 Revocation Date: -
K	15m SE	DYFFRYN CELLWEN, NR 7 SISTERS	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: BP0135001 Permit Version: 3 Receiving Water: AFON CAMNANT TO PYRDDIN - R. N	Status: Effective Issue date: 20/02/2009 Effective Date: 20/02/2009 Revocation Date: -



ID	Location	Address	Details	
M	57m E	DYFFRYN CELLWEN, NR 7 SISTERS	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: BP0135001 Permit Version: 2 Receiving Water: AFON CAMNANT TO PYRDDIN - R. N	Status: VARIED BY APPLICATION - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 01/08/1990 Effective Date: 01/08/1990 Revocation Date: 19/02/2009
M	57m E	DYFFRYN CELLWEN, NR 7 SISTERS	Effluent Type: UNSPECIFIED Permit Number: BP0135001 Permit Version: 1 Receiving Water: AFON CAMNANT TO PYRDDIN - R. N	Status: REVOKED - UNSPECIFIED Issue date: 10/07/1990 Effective Date: 10/07/1990 Revocation Date: 31/07/1990
34	60m NE	ONLLWYN OPENCAST SITE POINT A (ABAN, ONLLWYN OPENCAST SITE POINT A (A, POINT A (ABANDONED)	Effluent Type: UNSPECIFIED Permit Number: BC0013001 Permit Version: 1 Receiving Water: UNNAMED TRIB OF NANT LLECH	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 01/07/1971 Effective Date: 01/07/1971 Revocation Date: 02/03/1992
N	67m S	ONLLWYN A.R'WAY TIP, AERIAL ROPEWAY TIP, PT.B	Effluent Type: UNSPECIFIED Permit Number: BP0155502 Permit Version: 2 Receiving Water: RIVER DULAIS	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 14/03/1990 Effective Date: 14/03/1990 Revocation Date: 18/05/1993
N	67m S	ONLLWYN A.R'WAY TIP, AERIAL ROPEWAY TIP, PT.B	Effluent Type: UNSPECIFIED Permit Number: BP0155502 Permit Version: 1 Receiving Water: RIVER DULAIS	Status: REVOKED - UNSPECIFIED Issue date: 01/01/1901 Effective Date: 01/01/1901 Revocation Date: 13/03/1990
35	69m S	DRYM OPENCAST SITE - POINT E (	Effluent Type: MINEWATER Permit Number: BB4004401 Permit Version: 1 Receiving Water: UNNAMED TRIB OF RIVER DULAIS	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 09/08/1973 Effective Date: 09/08/1973 Revocation Date: 24/12/1991
36	70m S	DRYM OPENCAST SITE - POINT C (	Effluent Type: MINEWATER Permit Number: BB3025802 Permit Version: 1 Receiving Water: UNNAMED TRIB OF RIVER DULAIS	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 09/08/1971 Effective Date: 09/08/1971 Revocation Date: 11/06/1986
M	73m E	DYFFRYN CELLWEN, NR 7 SISTERS	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: BP0135001 Permit Version: 3 Receiving Water: AFON CAMNANT TO PYRDDIN - R. N	Status: Effective Issue date: 20/02/2009 Effective Date: 20/02/2009 Revocation Date: -



ID	Location	Address	Details	
O	74m NW	OUTLET E NANT HELEN OCCS, NANT HELEN OCCS	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: BM0032105 Permit Version: 3 Receiving Water: UNNAMED TRIB OF RIVER TAWE	Status: REVOKED - UNSPECIFIED Issue date: 14/09/1992 Effective Date: 14/09/1992 Revocation Date: 12/03/1997
O	74m NW	OUTLET E NANT HELEN OCCS, NANT HELEN OCCS	Effluent Type: UNSPECIFIED Permit Number: BM0032105 Permit Version: 1 Receiving Water: UNNAMED TRIB OF RIVER TAWE	Status: REVOKED - UNSPECIFIED Issue date: 30/01/1985 Effective Date: 30/01/1985 Revocation Date: 10/07/1990
O	74m NW	OUTLET E NANT HELEN OCCS, NANT HELEN OCCS	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: BM0032105 Permit Version: 2 Receiving Water: UNNAMED TRIB OF RIVER TAWE	Status: REVOKED - UNSPECIFIED Issue date: 11/07/1990 Effective Date: 11/07/1990 Revocation Date: 13/09/1992
O	74m NW	OUTLET E NANT HELEN OCCS, NANT HELEN OCCS	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: BM0032105 Permit Version: 4 Receiving Water: UNNAMED TRIB OF RIVER TAWE	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV Issue date: 12/03/1997 Effective Date: 13/03/1997 Revocation Date: 01/11/2002
38	113m N	ONLLWYN RD SWO1A GOLWG Y BRY, ONLLWYN RD SWO1A GOLWG Y, SWO1A GOLWG Y BRYN	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: BW2903001 Permit Version: 1 Receiving Water: RIVER DULAIS	Status: Surrendered Issue date: 17/06/1963 Effective Date: 17/06/1963 Revocation Date: -
46	177m SE	DRYM OPENCAST SITE - POINT D (	Effluent Type: MINEWATER Permit Number: BB3025803 Permit Version: 1 Receiving Water: UNNAMED TRIB OF RIVER DULAIS	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 09/08/1971 Effective Date: 09/08/1971 Revocation Date: 22/01/1992
47	183m S	DRYM OPENCAST SITE - POINT B (	Effluent Type: UNSPECIFIED Permit Number: BB3025801 Permit Version: 1 Receiving Water: UNNAMED TRIB OF RIVER DULAIS	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 09/08/1971 Effective Date: 09/08/1971 Revocation Date: 22/01/1992
48	229m N	STATION RD GWYNFRYNLEN CSO, End of Abercrave Terrace, CAEHOPKIN, Abercrave, SA9 1TP	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: CB3193CJ Permit Version: 1 Receiving Water: Nant Helen	Status: Effective Issue date: 01/06/2021 Effective Date: 01/06/2021 Revocation Date: -



ID	Location	Address	Details	
Q	254m S	ONLLWYN AERIAL ROPEWAY, (POINT A)	Effluent Type: UNSPECIFIED Permit Number: BP0155501 Permit Version: 2 Receiving Water: RIVER DULAIS	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 14/03/1990 Effective Date: 14/03/1990 Revocation Date: 18/05/1993
Q	259m S	ONLLWYN AERIAL ROPEWAY, (POINT A)	Effluent Type: UNSPECIFIED Permit Number: BP0155501 Permit Version: 1 Receiving Water: RIVER DULAIS	Status: REVOKED - UNSPECIFIED Issue date: 01/01/1901 Effective Date: 01/01/1901 Revocation Date: 13/03/1990
50	261m SE	TAVERN Y BANWEN BANWEN, BANWEN	Effluent Type: UNSPECIFIED Permit Number: BM0046101 Permit Version: 1 Receiving Water: UNDERGROUND STRATA	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 26/04/1985 Effective Date: 26/04/1985 Revocation Date: 11/07/1994
51	308m NW	INTERNATIONAL TIPS RECLAMATION AREA, INTERNATIONAL TIPS RECLAMATION, NANT HELEN EXTENSION OCCS, COELBREN, NR ABERCRAF	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: BP0300901 Permit Version: 1 Receiving Water: A TRIB OF THE RIVER TAWIE	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY Issue date: 28/02/2003 Effective Date: 28/02/2003 Revocation Date: -
52	314m N	CEFN YR ERW FARM, ABERCRAF, SWANSEA VALLEY, Swansea, SA9 1UD	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: BP0100601 Permit Version: 3 Receiving Water: Groundwater via infiltration system	Status: Effective Issue date: 26/11/2012 Effective Date: 26/11/2012 Revocation Date: -
53	334m S	PLAYGROUND MAIN ROAD DYFFRYN C	Effluent Type: UNSPECIFIED Permit Number: BB4024401 Permit Version: 1 Receiving Water: RIVER PYRDDIN VIA NANT CAMNANT	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 07/11/1977 Effective Date: 07/11/1977 Revocation Date: 19/10/1992
54	392m N	BRONWYDD CAEHOPKIN ABERCRAVE SWANSE, BRONWYDD CAEHOPKIN ABERCRAVE SWA, CAEHOPKIN ABERCRAVE SWANSEA, ABERCRAVE SWANSEA, SWANSEA	Effluent Type: UNSPECIFIED Permit Number: BM0033201 Permit Version: 1 Receiving Water: UNDERGROUND STRATA	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 21/10/1983 Effective Date: 21/10/1983 Revocation Date: 24/02/1995
R	395m E	11 CWMCELYN BUNGALOWS CAMNANT RD. B, 11 CWMCELYN BUNGALOWS CAMNANT RD, CAMNANT RD. BANWEN NEATH., BANWEN NEATH., NEATH.	Effluent Type: UNSPECIFIED Permit Number: BP0133301 Permit Version: 1 Receiving Water: TO LAND	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 23/08/1989 Effective Date: 23/08/1989 Revocation Date: 11/07/1994



ID	Location	Address	Details	
R	395m E	11 CWMCELYN BUNGALOWS CAMNANT RD. B, 11 CWMCELYN BUNGALOWS CAMNANT RD, CAMNANT RD. BANWEN NEATH., BANWEN NEATH., NEATH.	Effluent Type: UNSPECIFIED Permit Number: BP0133302 Permit Version: 1 Receiving Water: TO LAND	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 27/11/1989 Effective Date: 27/11/1989 Revocation Date: 11/07/1994
55	418m NE	TY SARN HELEN CAMNANT BANWEN NEATH, TY SARN HELEN CAMNANT BANWEN NEA, CAMNANT BANWEN NEATH, BANWEN NEATH, NEATH	Effluent Type: UNSPECIFIED Permit Number: BM0006301 Permit Version: 1 Receiving Water: UNDERGROUND STRATA	Status: NEW CONSENT, BY APPLICATION (WRA 91, SECTION 88) Issue date: 16/06/1980 Effective Date: 16/06/1980 Revocation Date: -
56	443m SE	POINT C - BANWEN DISPOSAL PT BANW, POINT C - BANWEN DISPOSAL PT B, BANWEN NEATH	Effluent Type: MINEWATER Permit Number: BA2014403 Permit Version: 2 Receiving Water: RIVER CAMNANT	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 21/06/1993 Effective Date: 21/06/1993 Revocation Date: 05/06/1996
S	459m NW	NANT HELEN OCCS TREATM'T AREA H, COELBREN, ABERCRAVE, SWANSEA	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: BP0345401 Permit Version: 1 Receiving Water: UNNAMED TRIB OF TAWE	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY Issue date: 27/06/2005 Effective Date: 27/06/2005 Revocation Date: 19/03/2008
57	497m S	TYNEWYDD FARM SEVEN SISTERS NEATH, TYNEWYDD FARM, SEVEN SISTERS, NEATH, NEATH PORT TALBOT, SA10 9BP	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: BP0318401 Permit Version: 1 Receiving Water: RIVER DULAIS	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY Issue date: 06/08/2004 Effective Date: 06/08/2004 Revocation Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

4.14 Pollutant release to surface waters (Red List)

Records within 500m

0

Discharges of specified substances under the Environmental Protection (Prescribed Processes and Substances) Regulations 1991.

This data is sourced from the Environment Agency and Natural Resources Wales.



4.15 Pollutant release to public sewer

Records within 500m	0
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Discharges of Special Category Effluents to the public sewer.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.16 List 1 Dangerous Substances

Records within 500m	0
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Discharges of substances identified on List I of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.17 List 2 Dangerous Substances

Records within 500m	2
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Discharges of substances identified on List II of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

Features are displayed on the Current industrial land use map on **page 139**

ID	Location	Name	Status	Receiving Water	Authorised Substances
F	On site	Onllwyn Washery	Active	River Dulais	Iron
S	460m NW	Nant Helen Occs Treatment Area H	Active	None	pH

This data is sourced from the Environment Agency and Natural Resources Wales.

4.18 Pollution Incidents (EA/NRW)

Records within 500m	8
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Records of substantiated pollution incidents. Since 2006 this data has only included category 1 (major) and 2 (significant) pollution incidents.

Features are displayed on the Current industrial land use map on **page 139**

ID	Location	Details	
20	On site	Incident Date: 16/10/2013 Incident Identification: 1168129 Pollutant: Inert Materials and Wastes Pollutant Description: Coal	Water Impact: Category 2 (Significant) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)

ID	Location	Details	
E	On site	Incident Date: 21/06/2001 Incident Identification: 10516 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
25	1m NE	Incident Date: 25/05/2001 Incident Identification: 6652 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
L	7m S	Incident Date: 16/06/2014 Incident Identification: 1245993 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes	Water Impact: - Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
M	69m E	Incident Date: 10/04/2014 Incident Identification: 1226179 Pollutant: Sewage Materials Pollutant Description: Other Sewage Material	Water Impact: - Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
P	120m NE	Incident Date: 02/02/2016 Incident Identification: 1407834 Pollutant: Oils and Fuel Pollutant Description: Gas and Fuel Oils	Water Impact: - Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
P	120m NE	Incident Date: 06/02/2016 Incident Identification: 1408918 Pollutant: Oils and Fuel Pollutant Description: Gas and Fuel Oils	Water Impact: - Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
42	128m NW	Incident Date: 09/05/2012 Incident Identification: 989062 Pollutant: Inert Materials and Wastes Pollutant Description: Other Inert Material or Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)

This data is sourced from the Environment Agency and Natural Resources Wales.

4.19 Pollution inventory substances

Records within 500m	0
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The pollution inventory (substances) includes reporting on annual emissions of certain regulated substances to air, controlled waters and land. A reporting threshold for each substance is also included. Where emissions fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.



4.20 Pollution inventory waste transfers

Records within 500m

0

The pollution inventory (waste transfers) includes reporting on annual transfers and recovery/disposal of controlled wastes from a site. A reporting threshold for each waste type is also included. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

4.21 Pollution inventory radioactive waste

Records within 500m

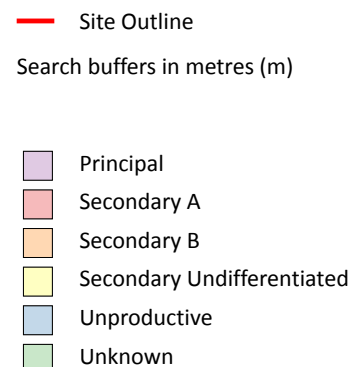
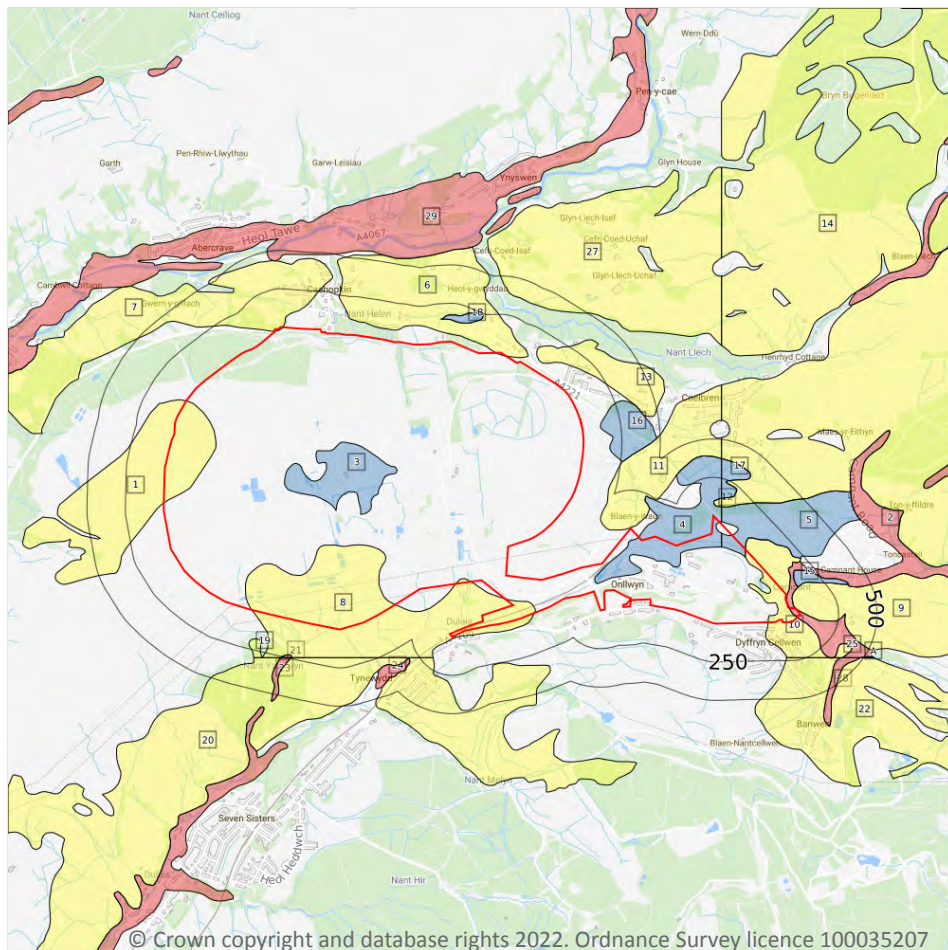
0

The pollution inventory (radioactive wastes) includes reporting on annual releases of radioactive substances from a site, including the means of release. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.



5 Hydrogeology - Superficial aquifer



5.1 Superficial aquifer

Records within 500m

30

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on **page 155**

ID	Location	Designation	Description
1	On site	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
2	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

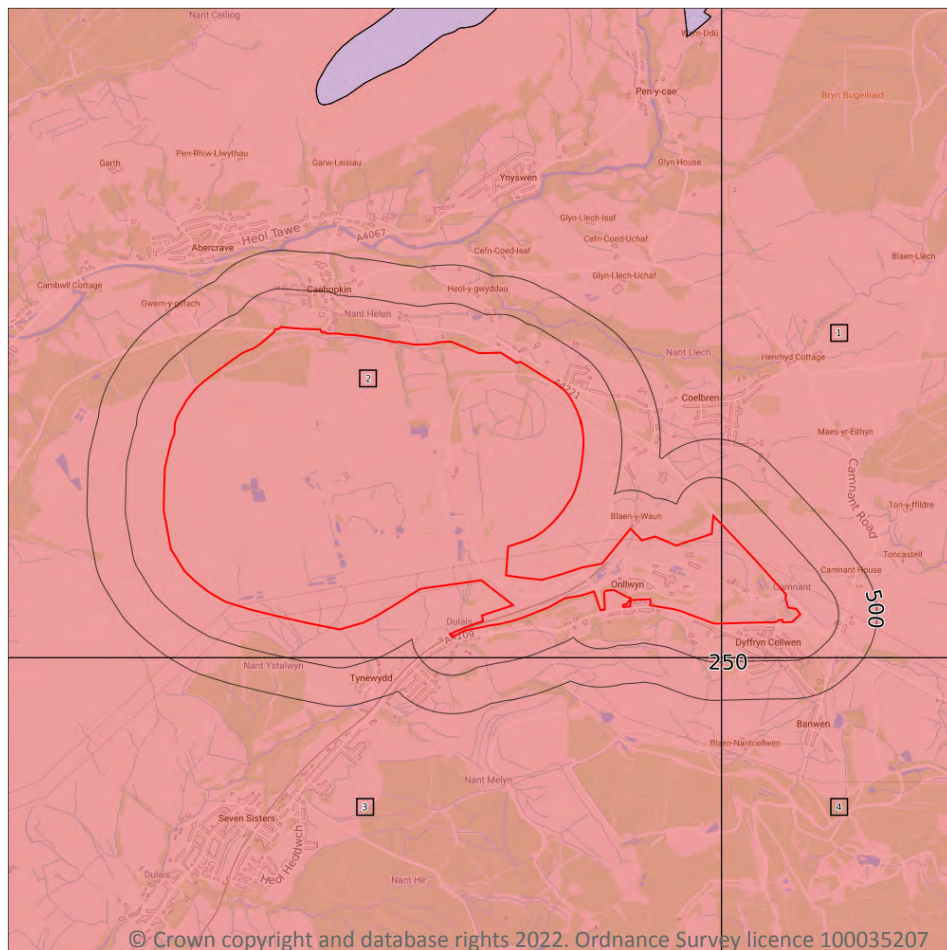
ID	Location	Designation	Description
3	On site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
4	On site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
5	On site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
6	On site	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
7	On site	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
8	On site	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
9	On site	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
10	On site	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
11	6m N	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
12	67m N	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
13	69m NE	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
14	79m NE	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
15	91m NE	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
16	119m E	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
17	126m NE	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

ID	Location	Designation	Description
18	134m N	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
19	174m S	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
20	183m SW	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
21	228m S	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
22	231m S	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
23	244m S	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
24	310m SW	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
25	324m SE	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
26	336m SE	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
27	375m NE	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
28	381m SE	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
29	432m N	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
A	488m SE	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.



Bedrock aquifer



- Site Outline
- Search buffers in metres (m)
- Principal
 - Secondary A
 - Secondary B
 - Secondary Undifferentiated
 - Unproductive

5.2 Bedrock aquifer

Records within 500m

4

Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on **page 158**

ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

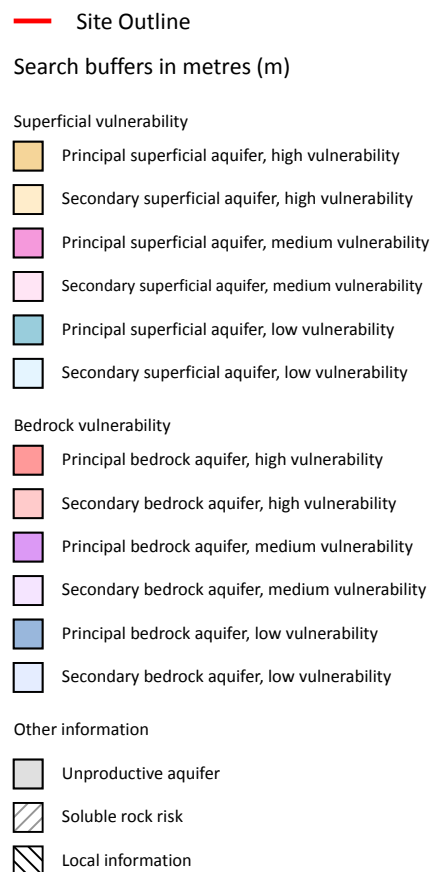
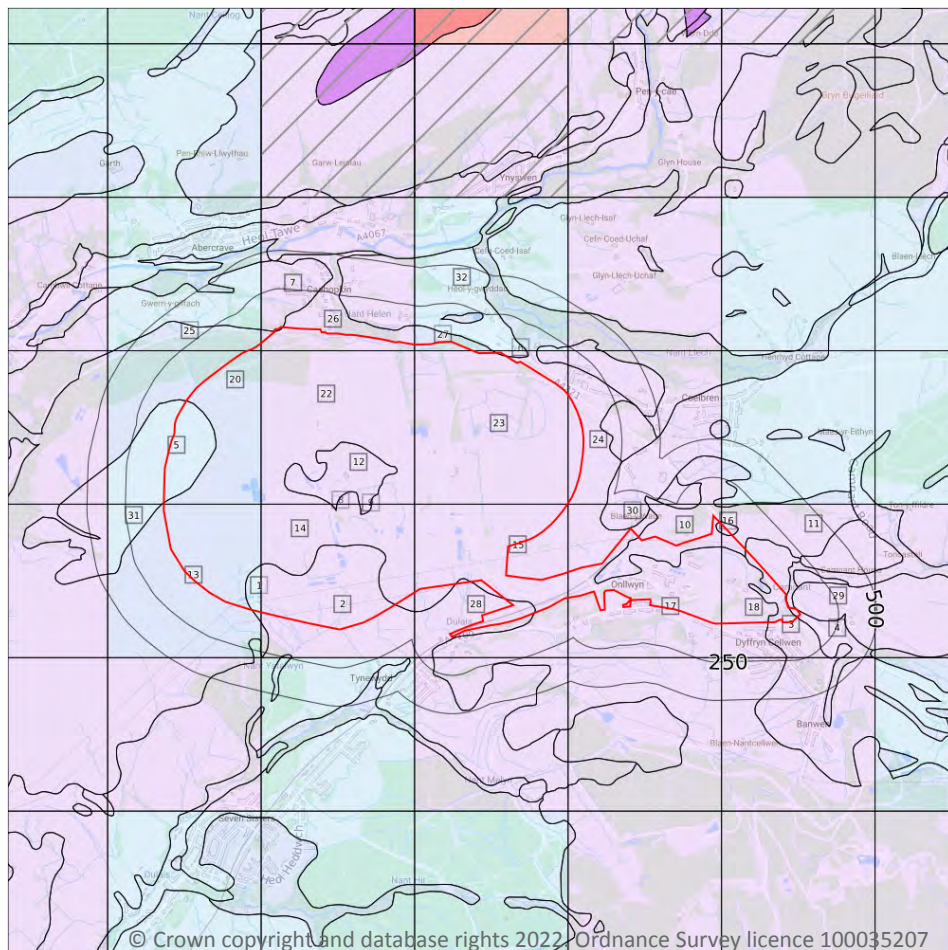


ID	Location	Designation	Description
3	135m S	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
4	222m S	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.



Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m

32

An assessment of the vulnerability of groundwater to a pollutant discharged at ground level based on the hydrological, geological, hydrogeological and soil properties within a one kilometre square grid. Groundwater vulnerability is described as High, Medium or Low as follows:

- High - Areas able to easily transmit pollution to groundwater. They are likely to be characterised by high leaching soils and the absence of low permeability superficial deposits.
- Medium - Intermediate between high and low vulnerability.
- Low - Areas that provide the greatest protection from pollution. They are likely to be characterised by low leaching soils and/or the presence of superficial deposits characterised by a low permeability.

Features are displayed on the Groundwater vulnerability map on **page 160**



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: Low Aquifer type: Secondary Thickness: 3-10m Patchiness value: <90% Recharge potential: Low	Vulnerability: Low Aquifer type: Secondary Flow mechanism: Well connected fractures
2	On site	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: Low Aquifer type: Secondary Thickness: 3-10m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
3	On site	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: Low Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: Low	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
4	On site	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: Low Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: Low	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
5	On site	Summary Classification: Secondary superficial aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: Low Aquifer type: Secondary Thickness: >10m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Low Aquifer type: Secondary Flow mechanism: Well connected fractures
6	On site	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: Low Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: Low	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
7	On site	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: Low Aquifer type: Secondary Thickness: 3-10m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
8	On site	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: 3-10m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
9	On site	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: 3-10m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
10	On site	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
11	On site	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: <3m Patchiness value: <90% Recharge potential: Low	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
12	On site	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: 3-10m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
13	On site	Summary Classification: Secondary bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: <90% Recharge potential: Low	Vulnerability: Low Aquifer type: Secondary Flow mechanism: Well connected fractures
14	On site	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
15	On site	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
16	On site	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
17	On site	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
18	On site	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: Low	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
19	On site	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: Low	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
20	On site	Summary Classification: Secondary bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: - Aquifer type: - Thickness: >10m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Low Aquifer type: Secondary Flow mechanism: Well connected fractures
21	On site	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
22	On site	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
23	On site	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: Low	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
24	On site	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: High	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
25	On site	Summary Classification: Secondary bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: <90% Recharge potential: Low	Vulnerability: Low Aquifer type: Secondary Flow mechanism: Well connected fractures
26	On site	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
27	On site	Summary Classification: Secondary bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: <90% Recharge potential: Low	Vulnerability: Low Aquifer type: Secondary Flow mechanism: Well connected fractures
28	On site	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: Low Aquifer type: Secondary Thickness: 3-10m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
29	On site	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: Low Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: Low	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
30	5m N	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: Low Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
31	12m W	Summary Classification: Secondary superficial aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: Low Aquifer type: Secondary Thickness: 3-10m Patchiness value: <90% Recharge potential: Low	Vulnerability: Low Aquifer type: Secondary Flow mechanism: Well connected fractures
32	12m N	Summary Classification: Secondary superficial aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: Low Aquifer type: Secondary Thickness: 3-10m Patchiness value: <90% Recharge potential: Low	Vulnerability: Low Aquifer type: Secondary Flow mechanism: Well connected fractures

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.



5.4 Groundwater vulnerability- soluble rock risk

Records on site	0
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This dataset identifies areas where solution features that enable rapid movement of a pollutant may be present within a 1km grid square.

This data is sourced from the British Geological Survey and the Environment Agency.

5.5 Groundwater vulnerability- local information

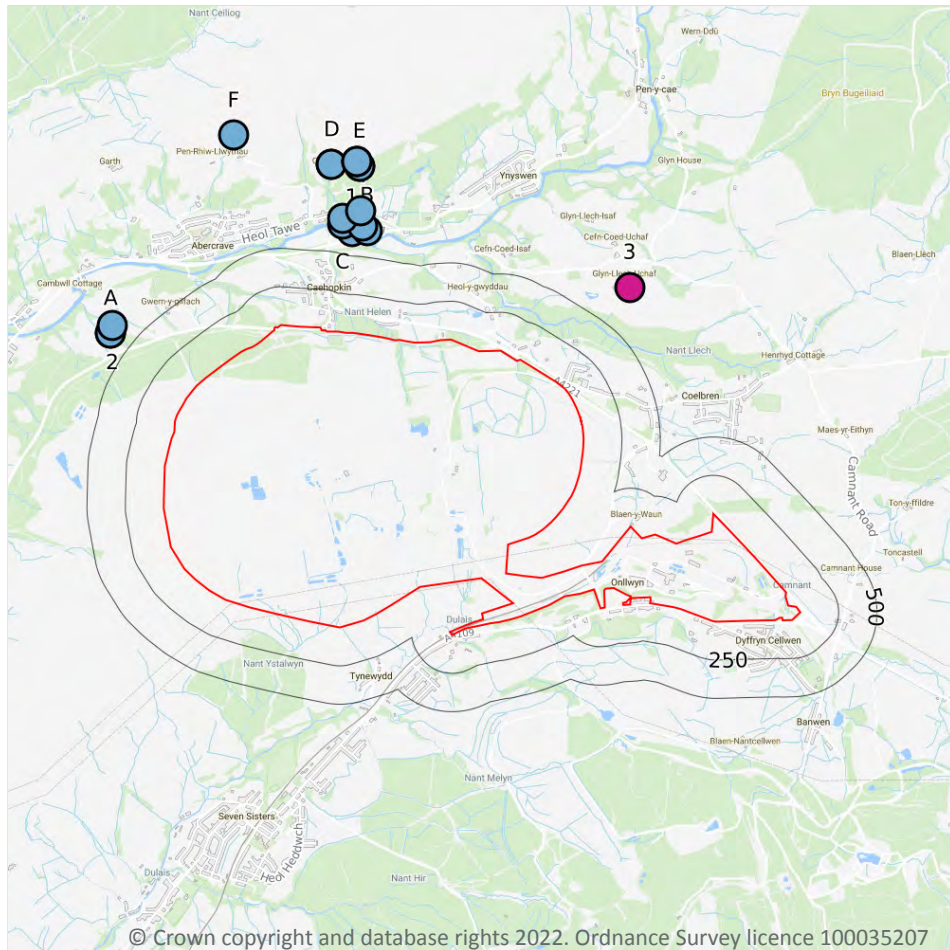
Records on site	0
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This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506 or by email on enquiries@environment-agency.gov.uk.

This data is sourced from the British Geological Survey and the Environment Agency.



Abstractions and Source Protection Zones



5.6 Groundwater abstractions

Records within 2000m

2

Licensed groundwater abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, between two points (line data) or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 167**

ID	Location	Details	
A	650m NW	Status: Active Licence No: 22/59/1/0119 Details: Unknown (Impounding) - Direct Source: - Point: - Data Type: Point Name: - Easting: 281020 Northing: 212100	Annual Volume (m ³): 0 Max Daily Volume (m ³): - Original Application No: - Original Start Date: Jul 30 1991 12:00AM Expiry Date: - Issue No: - Version Start Date: - Version End Date: -
3	780m NE	Status: Historical Licence No: 22/59/1/0032 Details: General Farming & Domestic Direct Source: EAW Groundwater Point: SPRING AT GLYNLLECH Data Type: Point Name: Millward Easting: 284400 Northing: 212400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 100 Version Start Date: 28/12/1966 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

5.7 Surface water abstractions

Records within 2000m	16
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Licensed surface water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 167**

ID	Location	Details	
A	650m NW	Status: Historical Licence No: 22/59/1/0105 Details: Make-Up Or Top Up Water Direct Source: EAW Surface Water Point: RESERVOIR AT GWAUNCLAWDD FARM, CAERLAN Data Type: Point Name: Morgan Easting: 281020 Northing: 212100	Annual Volume (m ³): 1310 Max Daily Volume (m ³): 164 Original Application No: - Original Start Date: - Expiry Date: - Issue No: 100 Version Start Date: 01/04/2007 Version End Date: -



ID	Location	Details	
1	654m N	Status: Historical Licence No: 22/59/1/0126 Details: Fish Farm/Cress Pond Throughflow Direct Source: EAW Surface Water Point: RIVER Tawe Data Type: Point Name: Tawe and Tributaries Angling Association Limited Easting: 282590 Northing: 212760	Annual Volume (m ³): 1401600 Max Daily Volume (m ³): 3840 Original Application No: - Original Start Date: 17/05/2005 Expiry Date: 31/03/2014 Issue No: 3 Version Start Date: 17/11/2009 Version End Date: -
B	672m N	Status: Historical Licence No: 22/59/1/0103 Details: Fish Farm/Cress Pond Throughflow Direct Source: EAW Surface Water Point: UNAMED TRIBUTARY OF RIVER Tawe Data Type: Point Name: Tawe and Tributaries Angling Association Easting: 282690 Northing: 212770	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 100 Version Start Date: 07/06/1991 Version End Date: -
2	673m NW	Status: Historical Licence No: 22/59/1/0105 Details: Make-Up Or Top Up Water Direct Source: EAW Surface Water Point: RESERVOIR AT GWAUNCLAWDD FARM, CAERLAN Data Type: Point Name: Morgan Easting: 281030 Northing: 212150	Annual Volume (m ³): 1310 Max Daily Volume (m ³): 164 Original Application No: - Original Start Date: 30/07/1991 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2007 Version End Date: -
C	686m N	Status: Historical Licence No: 22/59/1/0126 Details: Fish Farm/Cress Pond Throughflow Direct Source: EAW Surface Water Point: CRAF TRIBUTARY Data Type: Point Name: Tawe and Tributaries Angling Association Limited Easting: 282530 Northing: 212810	Annual Volume (m ³): 1401600 Max Daily Volume (m ³): 3840 Original Application No: - Original Start Date: 17/05/2005 Expiry Date: 31/03/2014 Issue No: 3 Version Start Date: 17/11/2009 Version End Date: -



ID	Location	Details	
B	699m N	Status: Historical Licence No: 22/59/1/0126 Details: Fish Farm/Cress Pond Throughflow Direct Source: EAW Surface Water Point: UN NAMED TRIB OF RIVER TAW Data Type: Point Name: Tawe and Tributaries Angling Association Limited Easting: 282660 Northing: 212800	Annual Volume (m ³): 1401600 Max Daily Volume (m ³): 3840 Original Application No: - Original Start Date: 17/05/2005 Expiry Date: 31/03/2014 Issue No: 3 Version Start Date: 17/11/2009 Version End Date: -
C	726m N	Status: Historical Licence No: 22/59/1/0126 Details: Fish Farm/Cress Pond Throughflow Direct Source: EAW Surface Water Point: CRAF TRIBUTARY Data Type: Point Name: Tawe and Tributaries Angling Association Easting: 282530 Northing: 212850	Annual Volume (m ³): 1401600 Max Daily Volume (m ³): 3840 Original Application No: - Original Start Date: 17/05/2005 Expiry Date: 31/03/2014 Issue No: 1 Version Start Date: 17/05/2005 Version End Date: -
4	798m N	Status: Historical Licence No: 22/59/1/0126 Details: Fish Farm/Cress Pond Throughflow Direct Source: EAW Surface Water Point: UN NAMED TRIB OF RIVER TAW Data Type: Point Name: Tawe and Tributaries Angling Association Easting: 282650 Northing: 212900	Annual Volume (m ³): 1401600 Max Daily Volume (m ³): 3840 Original Application No: - Original Start Date: 17/05/2005 Expiry Date: 31/03/2014 Issue No: 1 Version Start Date: 17/05/2005 Version End Date: -
D	1064m N	Status: Historical Licence No: 22/59/1/0132 Details: Hydroelectric Power Generation Direct Source: EAW Surface Water Point: UNNAMED POND AT GARW LEISIAU, ABERCRAF Data Type: Point Name: Bull Easting: 282460 Northing: 213200	Annual Volume (m ³): 65000 Max Daily Volume (m ³): 432 Original Application No: - Original Start Date: 15/11/2007 Expiry Date: 31/03/2017 Issue No: 1 Version Start Date: 15/11/2007 Version End Date: -
D	1064m N	Status: Active Licence No: 22/59/1/0132 Details: Hydro-electric Power Generation - Very Low Direct Source: pond at Garwleisau Point: - Data Type: Point Name: - Easting: 282460 Northing: 213200	Annual Volume (m ³): 65,000 Max Daily Volume (m ³): 432 Original Application No: - Original Start Date: Apr 4 2017 12:00AM Expiry Date: Mar 31 2029 12:00AM Issue No: - Version Start Date: - Version End Date: -



ID	Location	Details	
E	1081m N	Status: Historical Licence No: 22/59/1/0131 Details: Hydroelectric Power Generation Direct Source: EAW Surface Water Point: ABERCRAF FARM Data Type: Point Name: Williams Easting: 282640 Northing: 213190	Annual Volume (m ³): 630720 Max Daily Volume (m ³): 1728 Original Application No: - Original Start Date: 28/11/2007 Expiry Date: 31/3/2017 Issue No: 1 Version Start Date: 28/11/2007 Version End Date: -
E	1081m N	Status: Active Licence No: WA/059/0001/011 Details: Hydro-electric Power Generation - Very Low Direct Source: - Point: - Data Type: Point Name: - Easting: 282640 Northing: 213190	Annual Volume (m ³): 0 Max Daily Volume (m ³): - Original Application No: - Original Start Date: Mar 7 2013 12:00AM Expiry Date: - Issue No: - Version Start Date: - Version End Date: -
E	1108m N	Status: Historical Licence No: WA/059/0001/010 Details: Hydroelectric Power Generation Direct Source: EAW Surface Water Point: UN-NAMED TRIBUTARY OF THE AFON Tawe Data Type: Point Name: Williams Easting: 282622 Northing: 213221	Annual Volume (m ³): 589248 Max Daily Volume (m ³): 2678.4 Original Application No: - Original Start Date: 07/03/2013 Expiry Date: 31/03/2029 Issue No: 1 Version Start Date: 07/03/2013 Version End Date: -
E	1108m N	Status: Active Licence No: WA/059/0001/010 Details: Hydro-electric Power Generation - Very Low Direct Source: unnamed trib' of Afon Tawe Point: - Data Type: Point Name: - Easting: 282622 Northing: 213221	Annual Volume (m ³): 589,248 Max Daily Volume (m ³): - Original Application No: - Original Start Date: Nov 3 2016 12:00AM Expiry Date: Mar 30 2029 12:00AM Issue No: - Version Start Date: - Version End Date: -
E	1108m N	Status: Active Licence No: WA/059/0001/008 Details: Hydro-electric Power Generation - Very Low Direct Source: unnamed trib' of Afon Tawe Point: - Data Type: Point Name: - Easting: 282622 Northing: 213221	Annual Volume (m ³): 0 Max Daily Volume (m ³): - Original Application No: - Original Start Date: Nov 3 2016 12:00AM Expiry Date: - Issue No: - Version Start Date: - Version End Date: -



ID	Location	Details	
F	1274m N	Status: Historical Licence No: 22/59/1/0122 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: EAW Surface Water Point: SPRING, UNNAMED TRIB OF AFON TAWA AT MAES-Y-FRON Data Type: Point Name: Call of the Wild (Adventure Activities) Ltd. Easting: 281820 Northing: 213390	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: 31/03/2014 Issue No: 2 Version Start Date: 01/04/2005 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

5.8 Potable abstractions

Records within 2000m	1
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Licensed potable water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 167**

ID	Location	Details	
F	1274m N	Status: Historical Licence No: 22/59/1/0122 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: EAW Surface Water Point: SPRING, UNNAMED TRIB OF AFON TAWA AT MAES-Y-FRON Data Type: Point Name: Call of the Wild (Adventure Activities) Ltd. Easting: 281820 Northing: 213390	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: 31/03/2014 Issue No: 2 Version Start Date: 01/04/2005 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

5.9 Source Protection Zones

Records within 500m	0
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Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination.

This data is sourced from the Environment Agency and Natural Resources Wales.



5.10 Source Protection Zones (confined aquifer)

Records within 500m

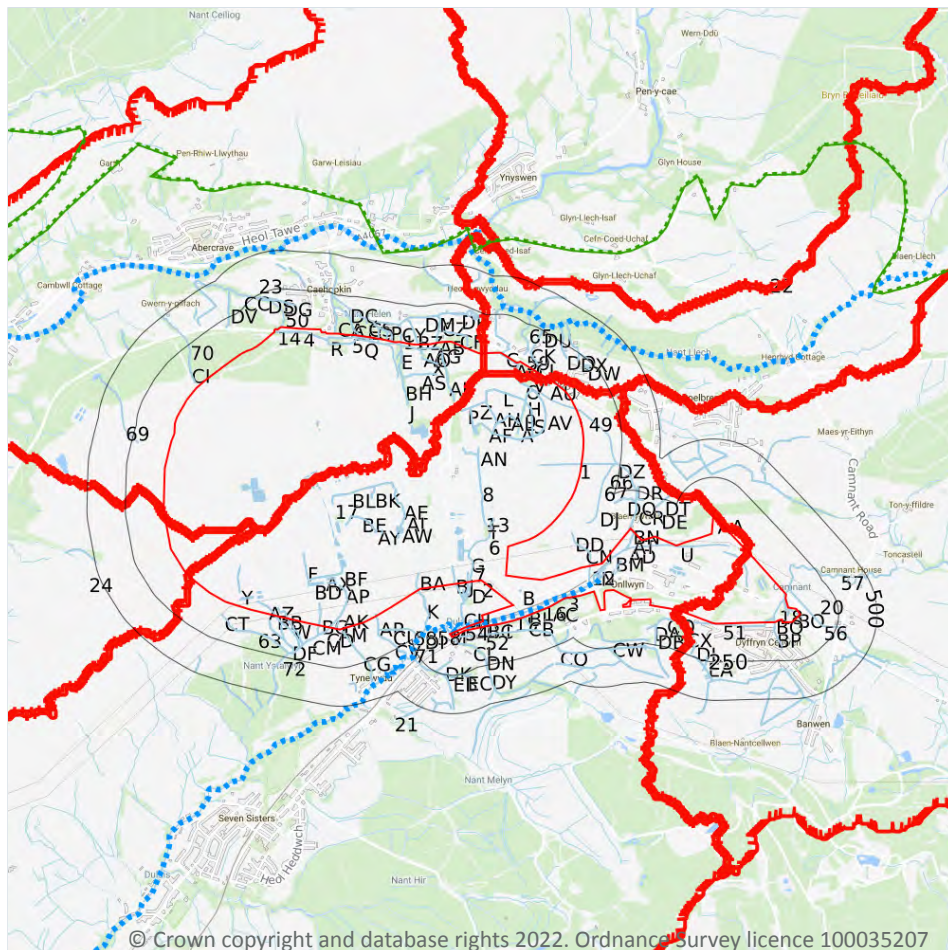
0

Source Protection Zones in the confined aquifer define the sensitivity around a deep groundwater abstraction to contamination. A confined aquifer would normally be protected from contamination by overlying geology and is only considered a sensitive resource if deep excavation/drilling is taking place.

This data is sourced from the Environment Agency and Natural Resources Wales.



6 Hydrology



-  Site Outline
-  Search buffers in metres (m)
-  Water Network (OS MasterMap)
-  Surface water features (wider than 5m)
-  Surface water features (narrower than 5m)
-  WFD River, canal and surface water transfer water bodies
-  WFD Lake water bodies
-  WFD Transitional and coastal water bodies
-  WFD Surface water body catchments boundaries
-  WFD Groundwater body boundaries

6.1 Water Network (OS MasterMap)

Records within 250m

330

Detailed water network of Great Britain showing the flow and precise central course of every river, stream, lake and canal.

Features are displayed on the Hydrology map on **page 174**

ID	Location	Type of water feature	Ground level	Permanence	Name
1	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

ID	Location	Type of water feature	Ground level	Permanence	Name
3	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Dulais
4	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
5	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
6	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
7	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
8	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
9	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
10	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Dulais
11	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant Helen
12	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
13	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
14	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
15	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	Dulais



ID	Location	Type of water feature	Ground level	Permanence	Name
16	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	Dulais
17	On site	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
18	On site	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
49	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
A	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
A	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
A	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
C	On site	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
D	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
D	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
D	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
E	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
E	On site	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
E	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
E	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
E	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
E	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant Helen
E	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
E	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant Helen
E	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
E	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
E	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
E	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
E	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
E	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
E	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
E	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant Helen
E	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant Helen
E	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
E	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
E	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	Nant Helen
F	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
F	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
G	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
G	On site	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
G	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
G	On site	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
G	On site	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
G	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
G	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
G	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
G	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
G	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
H	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
H	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
H	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
I	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
I	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Dulais
J	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant Helen



ID	Location	Type of water feature	Ground level	Permanence	Name
J	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant Helen
J	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	Nant Helen
J	On site	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant Helen
K	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
L	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
M	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
M	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
N	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Dulais
N	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	Dulais
N	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
N	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Dulais
N	On site	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
O	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
P	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
P	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
P	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
P	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Q	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
R	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
R	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
R	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
R	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
S	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
T	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
T	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
U	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Dulais



ID	Location	Type of water feature	Ground level	Permanence	Name
V	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
W	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
X	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Y	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Y	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Y	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Y	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
Y	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
Z	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AA	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AB	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BA	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BA	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
AC	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BB	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BB	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BB	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AD	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Dulais
AD	On site	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BC	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Dulais
AD	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Dulais
BC	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	Dulais
AD	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AD	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	Dulais
AE	On site	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BD	On site	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
AE	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AE	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AE	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AE	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AE	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AF	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AF	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BE	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AG	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BF	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BF	On site	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BF	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BF	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
AH	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BG	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AI	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BH	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant Helen
AJ	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BI	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Dulais
AK	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant Ystalwyn
BJ	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BJ	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AL	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BK	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AM	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BL	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
AN	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AN	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AN	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AN	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BM	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Dulais
BM	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	Dulais
AO	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AO	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AO	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BN	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BN	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AP	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AP	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
AP	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AP	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BO	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BO	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BO	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BO	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BO	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BO	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BO	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BO	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BO	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BO	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BO	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AQ	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BP	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AR	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
BQ	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BQ	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AS	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AT	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AU	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AV	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AW	On site	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AX	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AY	On site	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AZ	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BZ	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
W	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CA	1m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
CB	1m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
50	1m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
51	2m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
M	2m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CD	2m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant Ystalwyn
52	4m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
M	4m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CE	5m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
M	9m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Dulais
CF	10m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CG	16m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
54	18m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CH	19m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
M	26m SE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BO	27m NE	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
CI	28m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AB	32m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
W	37m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
56	37m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Camnant
C	39m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CJ	41m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
57	41m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Camnant
D	43m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
58	45m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Dulais
59	49m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
C	50m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
C	51m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
C	51m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
W	52m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CK	53m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
C	55m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
CL	56m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
E	60m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CM	62m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant Ystalwyn
CN	65m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BN	66m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
CO	68m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CP	69m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CQ	71m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
CR	72m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AB	74m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
C	74m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AB	75m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
C	77m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
C	77m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
CS	83m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CT	85m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CU	87m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CV	87m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CK	88m NE	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
CW	92m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CX	92m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
CY	96m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	Nant Helen
CZ	96m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CT	97m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
CY	99m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant Helen
63	99m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
D	102m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
E	105m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	Nant Helen
CS	105m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	Nant Helen
DA	110m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DB	110m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CY	111m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
CY	112m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
CS	115m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant Helen



ID	Location	Type of water feature	Ground level	Permanence	Name
D	119m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DC	125m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant Helen
CY	127m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DD	132m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DC	134m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
CY	136m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DE	138m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DF	140m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DC	145m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DF	146m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant Ystalwyn
DC	149m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
DG	150m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
65	150m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
CY	153m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DC	156m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DI	157m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Dulais
66	157m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
67	158m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
DJ	158m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DK	158m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CY	158m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
DL	162m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DM	164m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
68	164m SE	Marsh. An area that is predominantly waterlogged by freshwater.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DC	165m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DN	166m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

ID	Location	Type of water feature	Ground level	Permanence	Name
DC	168m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DC	168m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DD	169m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
CZ	171m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DO	177m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DP	179m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DQ	180m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DR	182m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DP	183m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CZ	183m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DS	183m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CQ	185m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CZ	187m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
DT	190m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DU	190m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DF	192m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant Ystalwyn
DP	193m NE	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DP	196m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DR	196m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DP	197m NE	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DP	197m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DV	197m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DS	198m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DP	200m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DW	203m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
69	203m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
DX	204m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DP	204m NE	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DO	205m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DO	205m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DP	207m NE	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DN	207m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
DF	209m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant Ystalwyn
70	210m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DI	213m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
71	213m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Dulais
DP	216m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DY	218m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DF	219m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant Ystalwyn



ID	Location	Type of water feature	Ground level	Permanence	Name
DZ	219m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
72	221m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant Ystalwyn
DC	222m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant Helen
DO	222m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
EA	223m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DC	226m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
C	227m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
DZ	228m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CC	234m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DC	237m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	Nant Helen
EB	241m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EA	245m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DX	246m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
DK	247m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DX	247m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EC	247m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EC	248m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m	95
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Covering rivers, streams and lakes (some overlap with OS MasterMap Water Network data in previous section) but additionally covers smaller features such as ponds. Rivers and streams narrower than 5m are represented as a single line. Lakes, ponds and rivers or streams wider than 5m are represented as polygons.

Features are displayed on the Hydrology map on **page 174**

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site	5
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The Water Framework Directive is an EU-led framework for the protection of inland surface waters, estuaries, coastal waters and groundwater through river basin-level management planning. In terms of surface water, these basins are broken down into smaller units known as management, operational and water body catchments.

Features are displayed on the Hydrology map on **page 174**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
20	On site	River WB catchment	Pyrddin - headwaters to conf with Nedd Fechan	GB110058032370	Neath	Tawe to Cadoxton
21	On site	River WB catchment	Dulais - headwaters to confluence with River Neath	GB110058032360	Neath	Tawe to Cadoxton



ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
22	On site	River WB catchment	Nant Llech - headwaters to confluence with Tawe	GB110059032250	Tawe	Tawe to Cadoxton
23	On site	River WB catchment	Tawe - conf with Nant Llech to conf with Giedd	GB110059032240	Tawe	Tawe to Cadoxton
24	On site	River WB catchment	Tawe - conf with Giedd to confluence with Twrch	GB110059032170	Tawe	Tawe to Cadoxton

This data is sourced from the Environment Agency and Natural Resources Wales.

6.4 WFD Surface water bodies

Records identified	5
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Surface water bodies under the Directive may be rivers, lakes, estuary or coastal. To achieve the purpose of the Directive, environmental objectives have been set and are reported on for each water body. The progress towards delivery of the objectives is then reported on by the relevant competent authorities at the end of each six-year cycle. The river water body directly associated with the catchment listed in the previous section is detailed below, along with any lake, canal, coastal or artificial water body within 250m of the site.

Features are displayed on the Hydrology map on **page 174**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
19	On site	River	Dulais - headwaters to confluence with River Neath	GB110058032360	Good	Good	Good	2016
75	280m NE	River	Nant Llech - headwaters to confluence with Tawe	GB110059032250	Good	Good	Good	2016
102	494m N	River	Tawe - conf with Nant Llech to conf with Giedd	GB110059032240	Good	Good	Good	2016
-	763m NE	River	Pyrddin - headwaters to conf with Nedd Fechan	GB110058032370	Good	Good	Good	2016
-	2343m W	River	Tawe - conf with Giedd to confluence with Twrch	GB110059032170	Good	Good	Good	2016



This data is sourced from the Environment Agency and Natural Resources Wales.

6.5 WFD Groundwater bodies

Records on site

1

Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place.

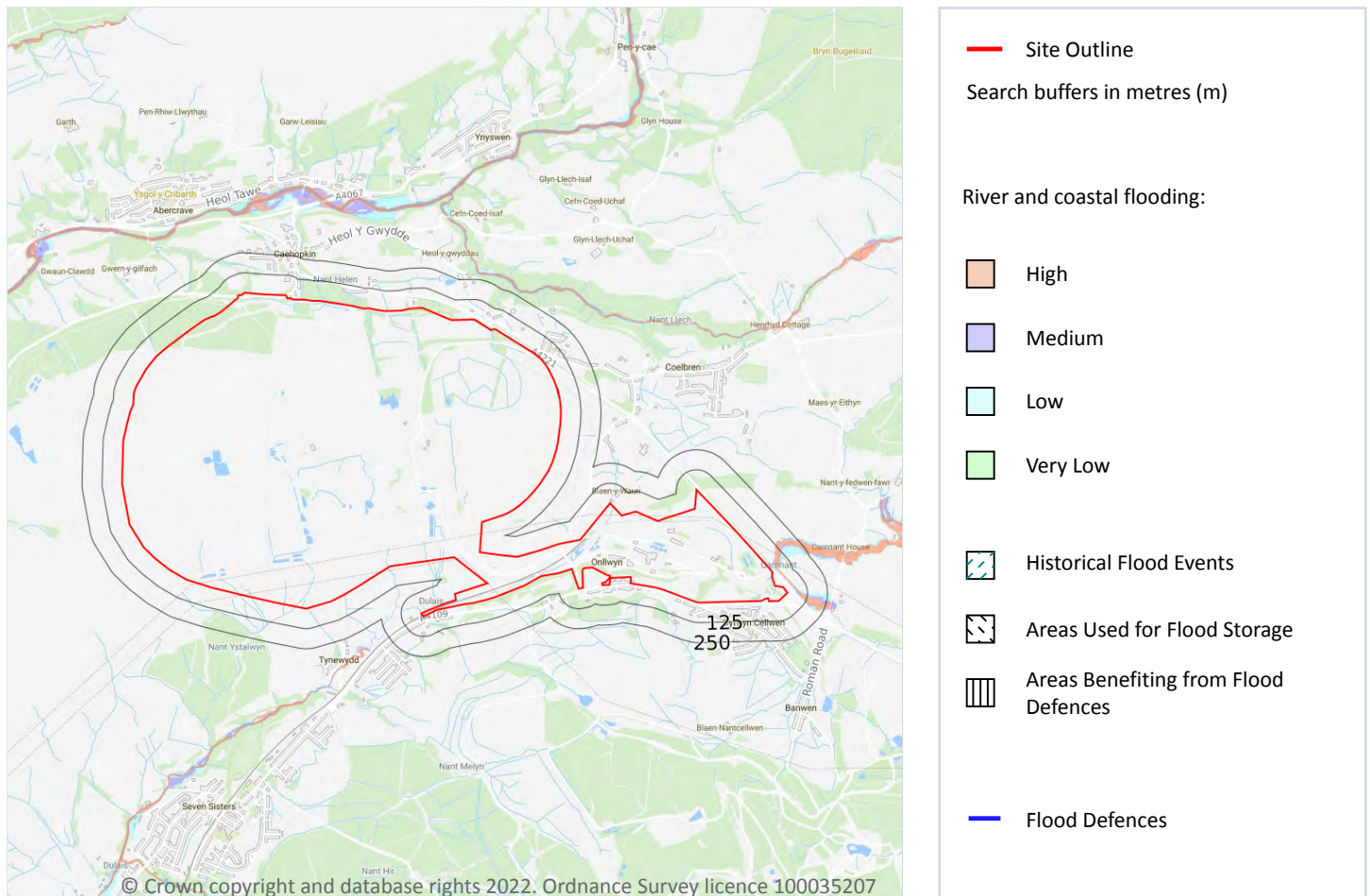
Features are displayed on the Hydrology map on **page 174**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
2	On site	Swansea Carboniferous Coal Measures	GB41002G201000	Poor	Poor	Good	2017

This data is sourced from the Environment Agency and Natural Resources Wales.



7 River and coastal flooding



7.1 Risk of flooding from rivers and the sea

Records within 50m

69

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m within the Risk of Flooding from Rivers and Sea (RoFRaS)/Flood Risk Assessment Wales (FRAW) models. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition. The risk categories for RoFRaS for rivers and the sea and FRAW for rivers are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 100 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 100 chance) or High (greater than or equal to 1 in 30 chance). The risk categories for FRAW for the sea are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 200 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 200 chance) or High (greater than or equal to 1 in 30 chance).

Features are displayed on the River and coastal flooding map on **page 203**

Distance	Flood risk category
On site	High
0 - 50m	High

This data is sourced from the Environment Agency and Natural Resources Wales.

7.2 Historical Flood Events

Records within 250m	0
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Records of historic flooding from rivers, the sea, groundwater and surface water. Records began in 1946 when predecessor bodies started collecting detailed information about flooding incidents, although limited details may be included on flooding incidents prior to this date. Takes into account the presence of defences, structures, and other infrastructure where they existed at the time of flooding, and includes flood extents that may have been affected by overtopping, breaches or blockages.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.3 Flood Defences

Records within 250m	0
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Records of flood defences owned, managed or inspected by the Environment Agency and Natural Resources Wales. Flood defences can be structures, buildings or parts of buildings. Typically these are earth banks, stone and concrete walls, or sheet-piling that is used to prevent or control the extent of flooding.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.4 Areas Benefiting from Flood Defences

Records within 250m	0
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Areas that would benefit from the presence of flood defences in a 1 in 100 (1%) chance of flooding each year from rivers or 1 in 200 (0.5%) chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.5 Flood Storage Areas

Records within 250m	0
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Areas that act as a balancing reservoir, storage basin or balancing pond to attenuate an incoming flood peak to a flow level that can be accepted by the downstream channel or to delay the timing of a flood peak so that its volume is discharged over a longer period.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.7 Flood Zone 3

Records within 50m

1

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

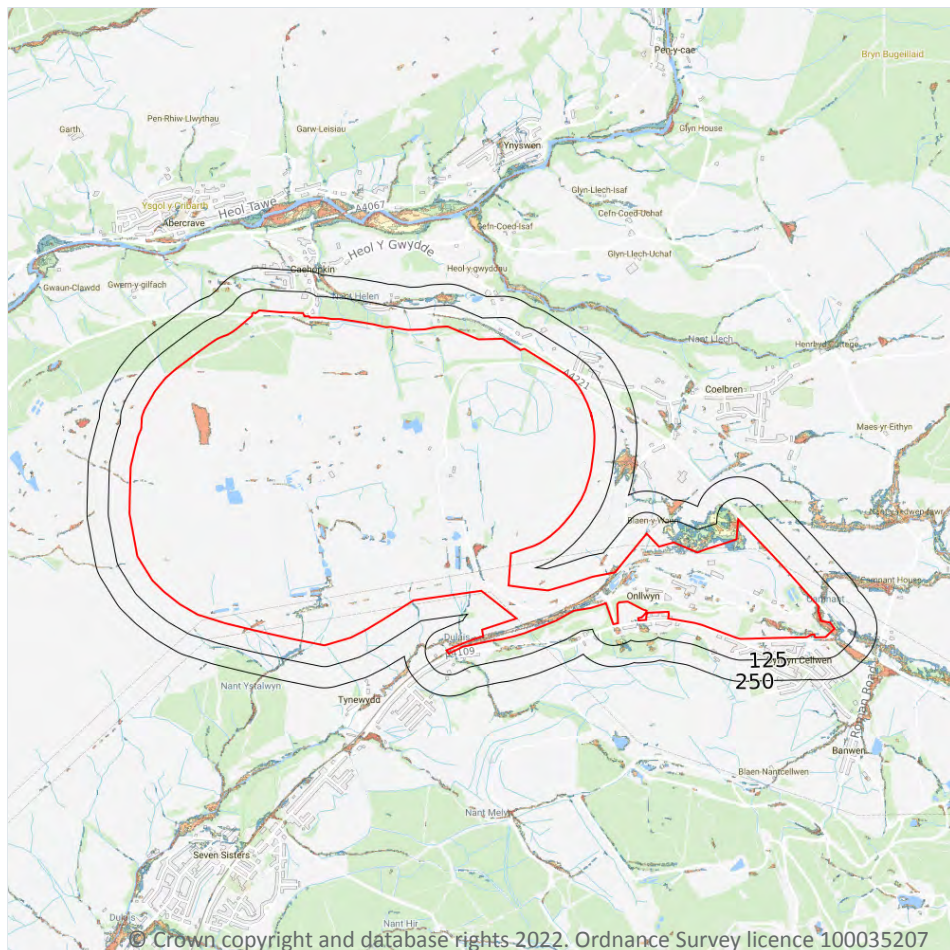
Features are displayed on the River and coastal flooding map on **page 203**

Location	Type
On site	Zone 3 - (Fluvial Models)

This data is sourced from the Environment Agency and Natural Resources Wales.



8 Surface water flooding



— Site Outline

Search buffers in metres (m)

1 in 1000 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 250 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 100 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 30 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

8.1 Surface water flooding

Highest risk on site

1 in 30 year, Greater than 1.0m

Highest risk within 50m

1 in 30 year, Greater than 1.0m

Ambiental Risk Analytics surface water (pluvial) FloodMap identifies areas likely to flood as a result of extreme rainfall events, i.e. land naturally vulnerable to surface water ponding or flooding. This data set was produced by simulating 1 in 30 year, 1 in 100 year, 1 in 250 year and 1 in 1,000 year rainfall events. Modern urban drainage systems are typically built to cope with rainfall events between 1 in 20 and 1 in 30 years, though some older ones may flood in a 1 in 5 year rainfall event.

Features are displayed on the Surface water flooding map on **page 207**

The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.

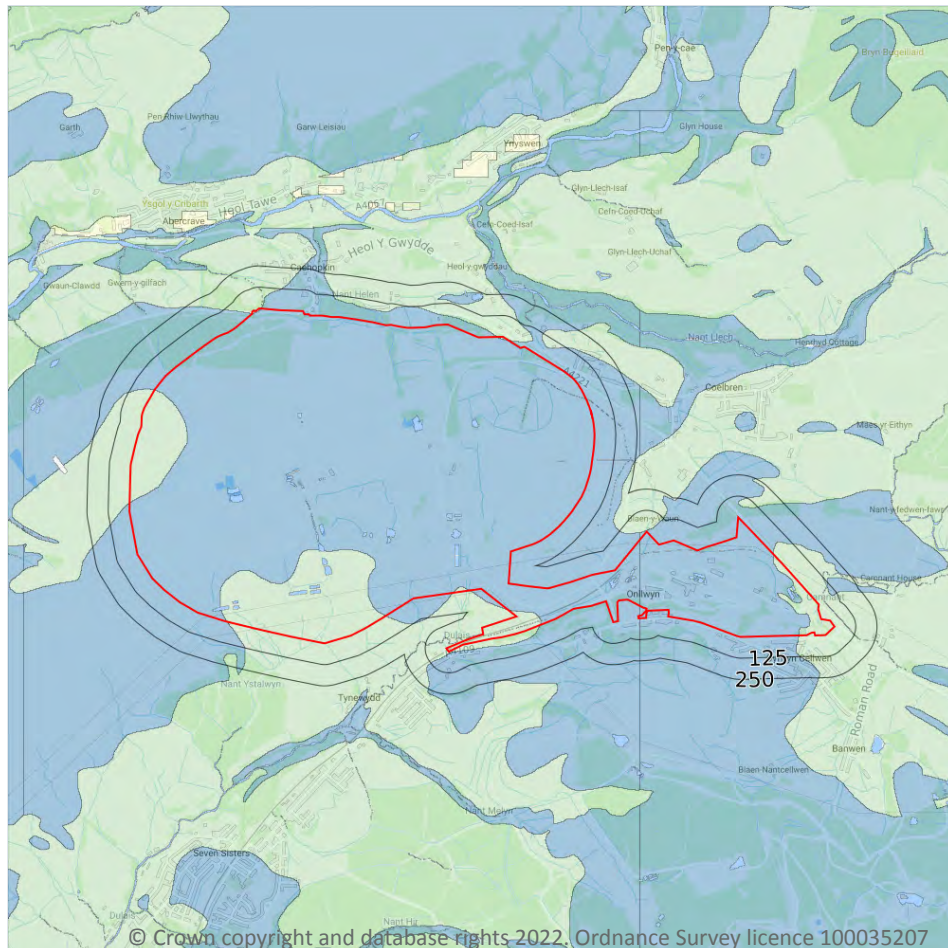
The table below shows the maximum flood depths for a range of return periods for the site.

Return period	Maximum modelled depth
1 in 1000 year	Greater than 1.0m
1 in 250 year	Greater than 1.0m
1 in 100 year	Greater than 1.0m
1 in 30 year	Greater than 1.0m

This data is sourced from Ambiantal Risk Analytics.



9 Groundwater flooding



— Site Outline
Search buffers in metres (m)

- High
- Moderate - High
- Moderate
- Low
- Negligible

9.1 Groundwater flooding

Highest risk on site

Low

Highest risk within 50m

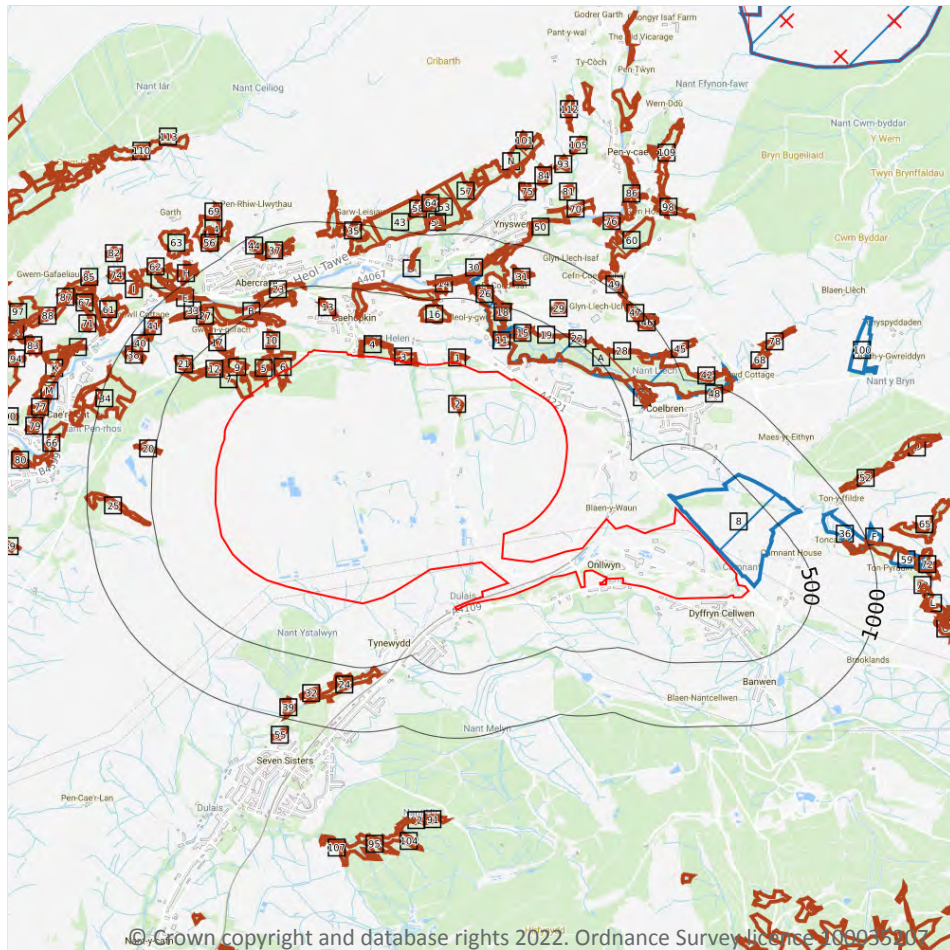
Low

Groundwater flooding is caused by unusually high groundwater levels. It occurs when the water table rises above the ground surface or within underground structures such as basements or cellars. Groundwater flooding tends to exhibit a longer duration than surface water flooding, possibly lasting for weeks or months, and as a result it can cause significant damage to property. This risk assessment is based on a 1 in 100 year return period and a 5m Digital Terrain Model (DTM).

Features are displayed on the Groundwater flooding map on **page 209**

This data is sourced from Ambienta Risk Analytics.

10 Environmental designations



- Site Outline
- Search buffers in metres (m)
- Sites of Special Scientific Interest (SSSI)
- X National Nature Reserves (NNR)
- Designated Ancient Woodland

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

6

Sites providing statutory protection for the best examples of UK flora, fauna, or geological or physiographical features. Originally notified under the National Parks and Access to the Countryside Act 1949, SSSIs were re-notified under the Wildlife and Countryside Act 1981. Improved provisions for the protection and management of SSSIs were introduced by the Countryside and Rights of Way Act 2000 (in England and Wales) and (in Scotland) by the Nature Conservation (Scotland) Act 2004 and the Wildlife and Natural Environment (Scotland) Act 2010.

Features are displayed on the Environmental designations map on **page 210**

ID	Location	Name	Data source
8	17m NE	GORSLWYN, ONLLWYN	Natural Resources Wales



ID	Location	Name	Data source
A	109m NE	NANT LLECH	Natural Resources Wales
36	766m NE	CAEAU TON-Y-FILDRE	Natural Resources Wales
F	1009m E	CAEAU TON-Y-FILDRE	Natural Resources Wales
59	1131m E	CAEAU TON-Y-FILDRE	Natural Resources Wales
100	1722m NE	WAUN TON-Y-SPYDDADEN	Natural Resources Wales

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m

0

Ramsar sites are designated under the Convention on Wetlands of International Importance, agreed in Ramsar, Iran, in 1971. They cover all aspects of wetland conservation and wise use, recognizing wetlands as ecosystems that are extremely important for biodiversity conservation in general and for the well-being of human communities. These sites cover a broad definition of wetland; marsh, fen, peatland or water, whether natural or artificial, permanent or temporary, with water that is static or flowing, fresh, brackish or salt, and even some marine areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.3 Special Areas of Conservation (SAC)

Records within 2000m

0

Areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.4 Special Protection Areas (SPA)

Records within 2000m

0

Sites classified by the UK Government under the EC Birds Directive, SPAs are areas of the most important habitat for rare (listed on Annex I to the Directive) and migratory birds within the European Union.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.



10.5 National Nature Reserves (NNR)

Records within 2000m

0

Sites containing examples of some of the most important natural and semi-natural terrestrial and coastal ecosystems in Great Britain. They are managed to conserve their habitats, provide special opportunities for scientific study or to provide public recreation compatible with natural heritage interests.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.6 Local Nature Reserves (LNR)

Records within 2000m

0

Sites managed for nature conservation, and to provide opportunities for research and education, or simply enjoying and having contact with nature. They are declared by local authorities under the National Parks and Access to the Countryside Act 1949 after consultation with the relevant statutory nature conservation agency.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.7 Designated Ancient Woodland

Records within 2000m

154

Ancient woodlands are classified as areas which have been wooded continuously since at least 1600 AD. This includes semi-natural woodland and plantations on ancient woodland sites. 'Wooded continuously' does not mean there is or has previously been continuous tree cover across the whole site, and not all trees within the woodland have to be old.

Features are displayed on the Environmental designations map on **page 210**

ID	Location	Name	Woodland Type
1	On site	Unknown	Ancient Semi Natural Woodland
2	On site	Unknown	Ancient Semi Natural Woodland
3	On site	Unknown	Ancient Semi Natural Woodland
4	On site	Unknown	Ancient Semi Natural Woodland
5	On site	Unknown	Plantation on Ancient Woodland Site
6	On site	Unknown	Plantation on Ancient Woodland Site
7	On site	Unknown	Plantation on Ancient Woodland Site
A	105m NE	Unknown	Ancient Semi Natural Woodland
9	109m NW	Unknown	Plantation on Ancient Woodland Site
10	177m NW	Unknown	Ancient Semi Natural Woodland



ID	Location	Name	Woodland Type
11	213m N	Unknown	Ancient Semi Natural Woodland
12	246m NW	Unknown	Plantation on Ancient Woodland Site
13	273m N	Unknown	Ancient Semi Natural Woodland
14	282m N	Unknown	Ancient Semi Natural Woodland
B	294m NW	Unknown	Ancient Semi Natural Woodland
15	318m NE	Unknown	Ancient Semi Natural Woodland
16	320m N	Unknown	Ancient Semi Natural Woodland
17	327m NW	Unknown	Ancient Semi Natural Woodland
18	370m N	Unknown	Ancient Semi Natural Woodland
B	376m NW	Unknown	Ancient Semi Natural Woodland
19	390m NE	Unknown	Ancient Semi Natural Woodland
20	451m W	Unknown	Ancient Woodland Site of Unknown Category
21	472m NW	Unknown	Restored Ancient Woodland Site
22	484m NE	Unknown	Ancient Semi Natural Woodland
23	486m N	Unknown	Ancient Semi Natural Woodland
24	507m S	Unknown	Ancient Semi Natural Woodland
25	531m W	Unknown	Plantation on Ancient Woodland Site
26	534m N	Unknown	Ancient Semi Natural Woodland
27	555m NW	Unknown	Ancient Semi Natural Woodland
28	575m NE	Unknown	Ancient Semi Natural Woodland
29	605m NE	Unknown	Ancient Semi Natural Woodland
C	625m E	Unknown	Ancient Semi Natural Woodland
30	627m N	Unknown	Ancient Semi Natural Woodland
C	633m NE	Unknown	Ancient Semi Natural Woodland
C	638m E	Unknown	Ancient Semi Natural Woodland
31	683m N	Unknown	Ancient Semi Natural Woodland
D	709m N	Unknown	Plantation on Ancient Woodland Site
32	711m S	Unknown	Ancient Semi Natural Woodland

ID	Location	Name	Woodland Type
D	729m N	Unknown	Ancient Semi Natural Woodland
33	744m NW	Unknown	Ancient Semi Natural Woodland
34	760m W	Unknown	Ancient Semi Natural Woodland
35	765m N	Unknown	Ancient Semi Natural Woodland
37	775m N	Unknown	Ancient Semi Natural Woodland
E	795m NW	Unknown	Ancient Semi Natural Woodland
38	813m NW	Unknown	Restored Ancient Woodland Site
F	831m NE	Unknown	Ancient Semi Natural Woodland
39	839m S	Unknown	Ancient Semi Natural Woodland
40	858m NW	Unknown	Restored Ancient Woodland Site
41	863m NW	Unknown	Ancient Semi Natural Woodland
42	881m NE	Unknown	Ancient Semi Natural Woodland
43	884m N	Unknown	Restored Ancient Woodland Site
44	896m NW	Unknown	Ancient Semi Natural Woodland
45	911m NE	Unknown	Ancient Semi Natural Woodland
E	911m NW	Unknown	Ancient Semi Natural Woodland
46	918m NE	Unknown	Ancient Semi Natural Woodland
47	922m NE	Unknown	Ancient Semi Natural Woodland
48	926m N	Unknown	Ancient Semi Natural Woodland
G	990m NW	Unknown	Ancient Semi Natural Woodland
49	994m NE	Unknown	Ancient Semi Natural Woodland
H	1000m NW	Unknown	Ancient Semi Natural Woodland
H	1002m NW	Unknown	Ancient Semi Natural Woodland
G	1027m NW	Unknown	Ancient Semi Natural Woodland
50	1031m N	Unknown	Ancient Semi Natural Woodland
51	1041m N	Unknown	Ancient Semi Natural Woodland
52	1042m NE	Unknown	Ancient Semi Natural Woodland
53	1043m N	Unknown	Ancient Semi Natural Woodland



ID	Location	Name	Woodland Type
54	1072m NW	Unknown	Ancient Semi Natural Woodland
55	1079m S	Unknown	Ancient Semi Natural Woodland
56	1081m NW	Unknown	Ancient Semi Natural Woodland
57	1093m N	Unknown	Ancient Semi Natural Woodland
58	1109m N	Unknown	Restored Ancient Woodland Site
60	1132m NE	Unknown	Ancient Semi Natural Woodland
61	1139m NW	Unknown	Ancient Semi Natural Woodland
62	1149m NW	Unknown	Ancient Semi Natural Woodland
63	1171m NW	Unknown	Ancient Semi Natural Woodland
64	1177m N	Unknown	Ancient Semi Natural Woodland
I	1183m NW	Unknown	Ancient Semi Natural Woodland
I	1190m NW	Unknown	Ancient Semi Natural Woodland
65	1211m NE	Unknown	Ancient Semi Natural Woodland
66	1215m W	Unknown	Ancient Semi Natural Woodland
67	1232m NW	Unknown	Ancient Semi Natural Woodland
J	1249m NW	Unknown	Ancient Semi Natural Woodland
68	1255m NE	Unknown	Ancient Semi Natural Woodland
69	1269m NW	Unknown	Ancient Semi Natural Woodland
K	1296m NW	Unknown	Ancient Semi Natural Woodland
70	1305m N	Unknown	Ancient Semi Natural Woodland
71	1310m NW	Unknown	Ancient Semi Natural Woodland
72	1312m E	Unknown	Ancient Semi Natural Woodland
J	1314m NW	Unknown	Ancient Semi Natural Woodland
K	1319m NW	Unknown	Ancient Semi Natural Woodland
73	1326m E	Unknown	Ancient Semi Natural Woodland
74	1339m NW	Unknown	Ancient Semi Natural Woodland
L	1347m E	Unknown	Ancient Semi Natural Woodland
L	1352m E	Unknown	Ancient Semi Natural Woodland

ID	Location	Name	Woodland Type
75	1360m N	Unknown	Ancient Semi Natural Woodland
76	1375m NE	Unknown	Ancient Semi Natural Woodland
77	1378m W	Unknown	Ancient Semi Natural Woodland
M	1381m W	Unknown	Ancient Semi Natural Woodland
78	1390m NE	Unknown	Ancient Semi Natural Woodland
79	1407m W	Unknown	Ancient Semi Natural Woodland
N	1413m N	Unknown	Ancient Semi Natural Woodland
80	1420m W	Unknown	Ancient Semi Natural Woodland
M	1439m W	Unknown	Ancient Semi Natural Woodland
81	1457m N	Unknown	Ancient Semi Natural Woodland
O	1470m E	Unknown	Ancient Semi Natural Woodland
82	1473m NW	Unknown	Ancient Semi Natural Woodland
83	1475m W	Unknown	Ancient Semi Natural Woodland
84	1494m N	Unknown	Ancient Semi Natural Woodland
N	1495m N	Unknown	Ancient Semi Natural Woodland
O	1505m E	Unknown	Ancient Semi Natural Woodland
85	1511m NW	Unknown	Ancient Semi Natural Woodland
P	1516m NE	Unknown	Ancient Semi Natural Woodland
86	1522m NE	Unknown	Ancient Semi Natural Woodland
87	1553m NW	Unknown	Ancient Semi Natural Woodland
88	1553m NW	Unknown	Ancient Semi Natural Woodland
89	1559m W	Unknown	Ancient Semi Natural Woodland
P	1587m NE	Unknown	Plantation on Ancient Woodland Site
90	1601m W	Unknown	Ancient Semi Natural Woodland
91	1610m S	Unknown	Plantation on Ancient Woodland Site
O	1618m E	Unknown	Ancient Semi Natural Woodland
92	1642m S	Unknown	Ancient Semi Natural Woodland
93	1645m N	Unknown	Ancient Semi Natural Woodland

ID	Location	Name	Woodland Type
Q	1651m W	Unknown	Ancient Semi Natural Woodland
94	1652m W	Unknown	Ancient Semi Natural Woodland
95	1673m S	Unknown	Plantation on Ancient Woodland Site
-	1694m W	Unknown	Ancient Semi Natural Woodland
97	1696m NW	Unknown	Ancient Semi Natural Woodland
98	1703m NE	Unknown	Ancient Semi Natural Woodland
-	1713m W	Unknown	Ancient Semi Natural Woodland
101	1735m N	Unknown	Ancient Semi Natural Woodland
-	1749m W	Unknown	Ancient Semi Natural Woodland
R	1751m NW	Unknown	Ancient Semi Natural Woodland
R	1754m NW	Unknown	Ancient Semi Natural Woodland
-	1765m E	Unknown	Ancient Semi Natural Woodland
-	1772m W	Unknown	Ancient Semi Natural Woodland
104	1780m S	Unknown	Ancient Semi Natural Woodland
105	1793m N	Unknown	Ancient Semi Natural Woodland
-	1799m E	Unknown	Ancient Semi Natural Woodland
-	1818m W	Unknown	Ancient Semi Natural Woodland
-	1823m W	Unknown	Ancient Semi Natural Woodland
107	1833m S	Unknown	Ancient Semi Natural Woodland
-	1849m E	Unknown	Ancient Semi Natural Woodland
109	1851m NE	Unknown	Ancient Semi Natural Woodland
110	1857m NW	Unknown	Ancient Semi Natural Woodland
-	1865m E	Unknown	Ancient Semi Natural Woodland
-	1885m E	Unknown	Ancient Semi Natural Woodland
-	1930m NW	Unknown	Ancient Semi Natural Woodland
-	1955m W	Unknown	Ancient Semi Natural Woodland
-	1962m NW	Unknown	Ancient Woodland Site of Unknown Category
112	1968m N	Unknown	Ancient Semi Natural Woodland

ID	Location	Name	Woodland Type
113	1974m NW	Unknown	Plantation on Ancient Woodland Site
-	1980m E	Unknown	Ancient Semi Natural Woodland
-	1986m W	Unknown	Ancient Semi Natural Woodland
-	1994m NW	Unknown	Ancient Semi Natural Woodland

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.8 Biosphere Reserves

Records within 2000m

0

Biosphere Reserves are internationally recognised by UNESCO as sites of excellence to balance conservation and socioeconomic development between nature and people. They are recognised under the Man and the Biosphere (MAB) Programme with the aim of promoting sustainable development founded on the work of the local community.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.9 Forest Parks

Records within 2000m

0

These are areas managed by the Forestry Commission designated on the basis of recreational, conservation or scenic interest.

This data is sourced from the Forestry Commission.

10.10 Marine Conservation Zones

Records within 2000m

0

A type of marine nature reserve in UK waters established under the Marine and Coastal Access Act (2009). They are designated with the aim to protect nationally important, rare or threatened habitats and species.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.11 Green Belt

Records within 2000m

0

Areas designated to prevent urban sprawl by keeping land permanently open.

This data is sourced from the Ministry of Housing, Communities and Local Government.



10.12 Proposed Ramsar sites

Records within 2000m

0

Ramsar sites are areas listed as a Wetland of International Importance under the Convention on Wetlands of International Importance especially as Waterfowl Habitat (the Ramsar Convention) 1971. The sites here supplied have a status of 'Proposed' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m

0

Special Areas of Conservation are areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive. Those sites supplied here are those with a status of 'Possible' having been identified for potential adoption under the framework.

This data is sourced from Natural England and Natural Resources Wales.

10.14 Potential Special Protection Areas (pSPA)

Records within 2000m

0

Special Protection Areas (SPAs) are areas designated (or 'classified') under the European Union Wild Birds Directive for the protection of nationally and internationally important populations of wild birds. Those sites supplied here are those with a status of 'Potential' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

10.15 Nitrate Sensitive Areas

Records within 2000m

0

Areas where nitrate concentrations in drinking water sources exceeded or was at risk of exceeding the limit of 50 mg/l set by the 1980 EC Drinking Water Directive. Voluntary agricultural measures as a means of reducing the levels of nitrate were introduced by DEFRA as MAFF, with payments being made to farmers who complied. The scheme was started as a pilot in 1990 in ten areas, later implemented within 32 areas. The scheme was closed to further new entrants in 1998, although existing agreements continued for their full term. All Nitrate Sensitive Areas fell within the areas designated as Nitrate Vulnerable Zones (NVZs) in 1996 under the EC Nitrate Directive (91/676/EEC).

This data is sourced from Natural England.



10.16 Nitrate Vulnerable Zones

Records within 2000m

0

Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

This data is sourced from Natural England and Natural Resources Wales.



SSSI Impact Zones and Units

10.17 SSSI Impact Risk Zones

Records on site

0

Developed to allow rapid initial assessment of the potential risks to SSSIs posed by development proposals. They define zones around each SSSI which reflect the particular sensitivities of the features for which it is notified and indicate the types of development proposal which could potentially have adverse impacts.

This data is sourced from Natural England.

10.18 SSSI Units

Records within 2000m

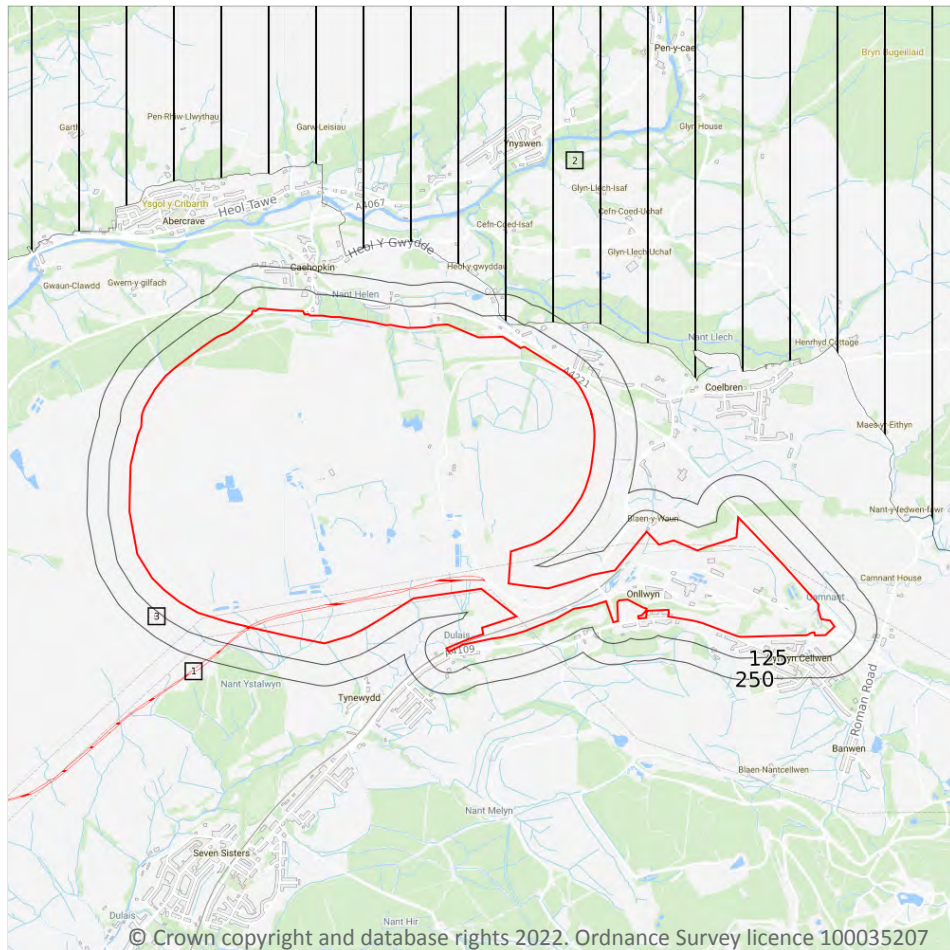
0

Divisions of SSSIs used to record management and condition details. Units are the smallest areas for which Natural England gives a condition assessment, however, the size of units varies greatly depending on the types of management and the conservation interest.

This data is sourced from Natural England and Natural Resources Wales.



11 Visual and cultural designations



- Site Outline
- Search buffers in metres (m)
- Listed buildings
- Conservation areas
- Conservation areas - no data
- National Parks
- Areas of Outstanding Natural Beauty
- Registered parks and gardens
- Scheduled Monuments
- World Heritage Sites

11.1 World Heritage Sites

Records within 250m

0

Sites designated for their globally important cultural or natural interest requiring appropriate management and protection measures. World Heritage Sites are designated to meet the UK's commitments under the World Heritage Convention.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.2 Area of Outstanding Natural Beauty

Records within 250m

0

Areas of Outstanding Natural Beauty (AONB) are conservation areas, chosen because they represent 18% of the finest countryside. Each AONB has been designated for special attention because of the quality of their flora, fauna, historical and cultural associations, and/or scenic views. The National Parks and Access to the Countryside Act of 1949 created AONBs and the Countryside and Rights of Way Act, 2000 added further regulation and protection. There are likely to be restrictions to some developments within these areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.3 National Parks

Records within 250m

1

In England and Wales, the purpose of National Parks is to conserve and enhance landscapes within the countryside whilst promoting public enjoyment of them and having regard for the social and economic well-being of those living within them. In Scotland National Parks have the additional purpose of promoting the sustainable use of the natural resources of the area and the sustainable social and economic development of its communities. The National Parks and Access to the Countryside Act 1949 established the National Park designation in England and Wales, and The National Parks (Scotland) Act 2000 in Scotland.

Features are displayed on the Visual and cultural designations map on **page 222**

ID	Location	Name	Data Source
2	83m NE	Brecon Beacons	Natural Resources Wales

This data is sourced from Natural England, Natural Resources Wales and the Scottish Government.

11.4 Listed Buildings

Records within 250m

0

Buildings listed for their special architectural or historical interest. Building control in the form of 'listed building consent' is required in order to make any changes to that building which might affect its special interest. Listed buildings are graded to indicate their relative importance, however building controls apply to all buildings equally, irrespective of their grade, and apply to the interior and exterior of the building in its entirety, together with any curtilage structures.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.



11.5 Conservation Areas

Records within 250m

0

Local planning authorities are obliged to designate as conservation areas any parts of their own area that are of special architectural or historic interest, the character and appearance of which it is desirable to preserve or enhance. Designation of a conservation area gives broader protection than the listing of individual buildings. All the features within the area, listed or otherwise, are recognised as part of its character. Conservation area designation is the means of recognising the importance of all factors and of ensuring that planning decisions address the quality of the landscape in its broadest sense.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.6 Scheduled Ancient Monuments

Records within 250m

2

A scheduled monument is an historic building or site that is included in the Schedule of Monuments kept by the Secretary of State for Digital, Culture, Media and Sport. The regime is set out in the Ancient Monuments and Archaeological Areas Act 1979. The Schedule of Monuments has c.20,000 entries and includes sites such as Roman remains, burial mounds, castles, bridges, earthworks, the remains of deserted villages and industrial sites. Monuments are not graded, but all are, by definition, considered to be of national importance.

Features are displayed on the Visual and cultural designations map on **page 222**

ID	Location	Ancient monument name	Reference number
1	On site	Tramroad at Ystradgynlais	618
3	134m SW	Bryn Llechwen ring cairn	4241

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.7 Registered Parks and Gardens

Records within 250m

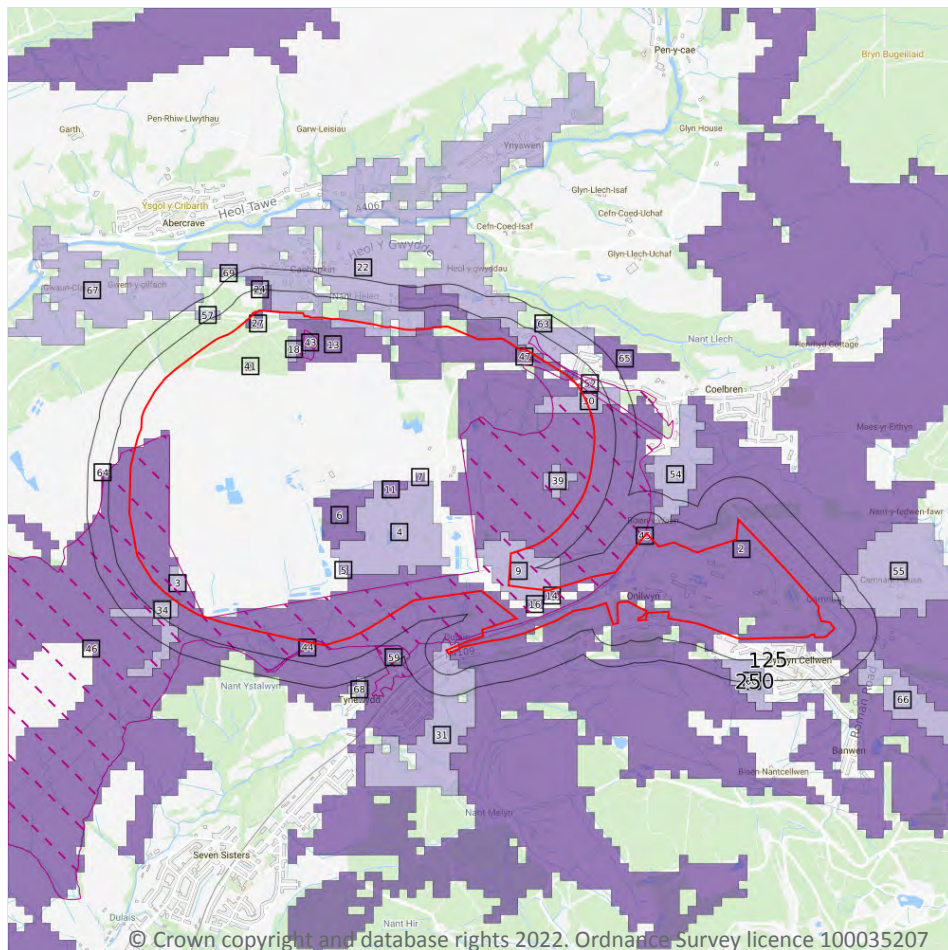
0

Parks and gardens assessed to be of particular interest and of special historic interest. The emphasis being on 'designed' landscapes, rather than on planting or botanical importance. Registration is a 'material consideration' in the planning process, meaning that planning authorities must consider the impact of any proposed development on the special character of the landscape.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.



12 Agricultural designations



- Site Outline
- Search buffers in metres (m)
- Grade 1 - excellent quality
- Grade 2 - very good quality
- Grade 3a - good quality
- Grade 3b - moderate quality
- Grade 4 - poor quality
- Grade 5 - very poor quality
- Timber felling licences
- Open Access land

12.1 Agricultural Land Classification

Records within 250m

31

Classification of the quality of agricultural land taking into consideration multiple factors including climate, physical geography and soil properties. It should be noted that the categories for the grading of agricultural land are not consistent across England, Wales and Scotland.

Features are displayed on the Agricultural designations map on **page 225**

ID	Location	Classification	Description
2	On site	Grade 5	Very poor quality agricultural land
3	On site	Grade 4	Poor quality agricultural land
4	On site	Grade 4	Poor quality agricultural land



ID	Location	Classification	Description
5	On site	Grade 5	Very poor quality agricultural land
6	On site	Grade 5	Very poor quality agricultural land
7	On site	Grade 5	Very poor quality agricultural land
9	On site	Grade 4	Poor quality agricultural land
11	On site	Grade 5	Very poor quality agricultural land
13	On site	Grade 5	Very poor quality agricultural land
14	On site	Grade 5	Very poor quality agricultural land
16	On site	Grade 5	Very poor quality agricultural land
18	On site	Grade 4	Poor quality agricultural land
22	On site	Grade 4	Poor quality agricultural land
24	On site	Grade 5	Very poor quality agricultural land
27	On site	Grade 5	Very poor quality agricultural land
30	On site	Grade 4	Poor quality agricultural land
31	On site	Grade 4	Poor quality agricultural land
34	On site	Grade 4	Poor quality agricultural land
39	On site	Grade 4	Poor quality agricultural land
41	On site	Grade 5	Very poor quality agricultural land
52	35m NE	Grade 5	Very poor quality agricultural land
54	72m NE	Grade 4	Poor quality agricultural land
55	88m NE	Grade 4	Poor quality agricultural land
57	98m N	Grade 4	Poor quality agricultural land
60	122m S	Grade 4	Poor quality agricultural land
63	136m NE	Grade 5	Very poor quality agricultural land
65	172m NE	Grade 5	Very poor quality agricultural land
66	191m SE	Grade 4	Poor quality agricultural land
67	209m NW	Grade 4	Poor quality agricultural land
68	229m S	Grade 4	Poor quality agricultural land
69	230m NW	Grade 5	Very poor quality agricultural land

This data is sourced from Natural Resources Wales.



Contact us with any questions at:

info@groundsure.com

08444 159 000

Date: 12 May 2022

12.2 Open Access Land

Records within 250m

8

The Countryside and Rights of Way Act 2000 (CROW Act) gives a public right of access to land without having to use paths. Access land includes mountains, moors, heaths and downs that are privately owned. It also includes common land registered with the local council and some land around the England Coast Path. Generally permitted activities on access land are walking, running, watching wildlife and climbing.

Features are displayed on the Agricultural designations map on **page 225**

ID	Location	Name	Classification	Other relevant legislation
43	On site	-	Open Access Registered Common Land	-
44	On site	-	Open Access Open Country	-
45	On site	-	Open Access Open Country	-
46	On site	-	Open Access Registered Common Land	-
47	On site	-	Open Access Registered Common Land	-
A	26m NE	-	Open Access Registered Common Land	-
59	109m SE	-	Open Access Open Country	-
64	148m W	-	Open Access Open Country	-

This data is sourced from Natural England and Natural Resources Wales.

12.3 Tree Felling Licences

Records within 250m

0

Felling Licence Application (FLA) areas approved by Forestry Commission England. Anyone wishing to fell trees must ensure that a licence or permission under a grant scheme has been issued by the Forestry Commission before any felling is carried out or that one of the exceptions apply.

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m

0

Environmental Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. The schemes identified may be historical schemes that have now expired, or may still be active.

This data is sourced from Natural England.



12.5 Countryside Stewardship Schemes

Records within 250m

0

Countryside Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. Main objectives are to improve the farmed environment for wildlife and to reduce diffuse water pollution.

This data is sourced from Natural England.



13 Habitat designations

13.1 Priority Habitat Inventory

Records within 250m

0

Habitats of principal importance as named under Natural Environment and Rural Communities Act (2006) Section 41.

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m

0

Habitat networks for 18 priority habitat networks (based primarily, but not exclusively, on the priority habitat inventory) and areas suitable for the expansion of networks through restoration and habitat creation.

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m

0

Sites verified as Open Mosaic Habitat. Mosaic habitats are brownfield sites that are identified under the UK Biodiversity Action Plan as a priority habitat due to the habitat variation within a single site, supporting an array of invertebrates.

This data is sourced from Natural England.

13.4 Limestone Pavement Orders

Records within 250m

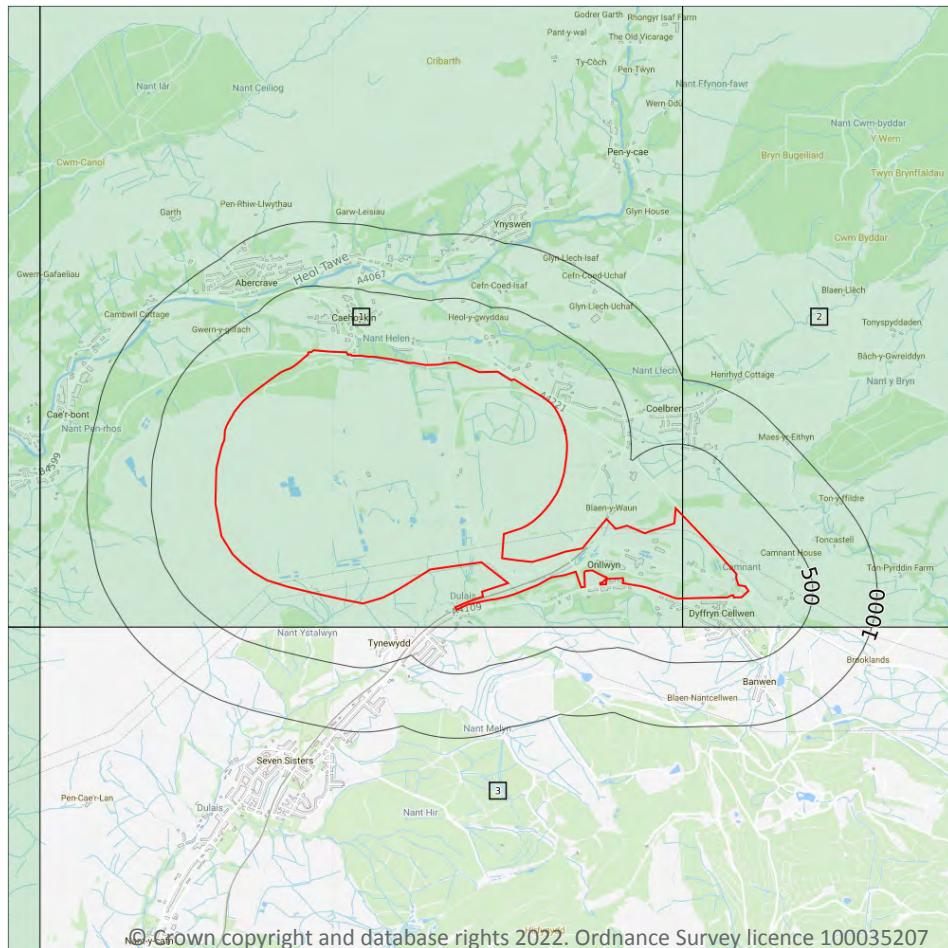
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Limestone pavements are outcrops of limestone where the surface has been worn away by natural means over millennia. These rocks have the appearance of paving blocks, hence their name. Not only do they have geological interest, they also provide valuable habitats for wildlife. These habitats are threatened due to their removal for use in gardens and water features. Many limestone pavements have been designated as SSSIs which affords them some protection. In addition, Section 34 of the Wildlife and Countryside Act 1981 gave them additional protection via the creation of Limestone Pavement Orders, which made it a criminal offence to remove any part of the outcrop. The associated Limestone Pavement Priority Habitat is part of the UK Biodiversity Action Plan priority habitat in England.

This data is sourced from Natural England.



14 Geology 1:10,000 scale - Availability



— Site Outline
Search buffers in metres (m)

- Full coverage
- Partial coverage
- No coverage

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14.1 10k Availability

Records within 500m

3

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.

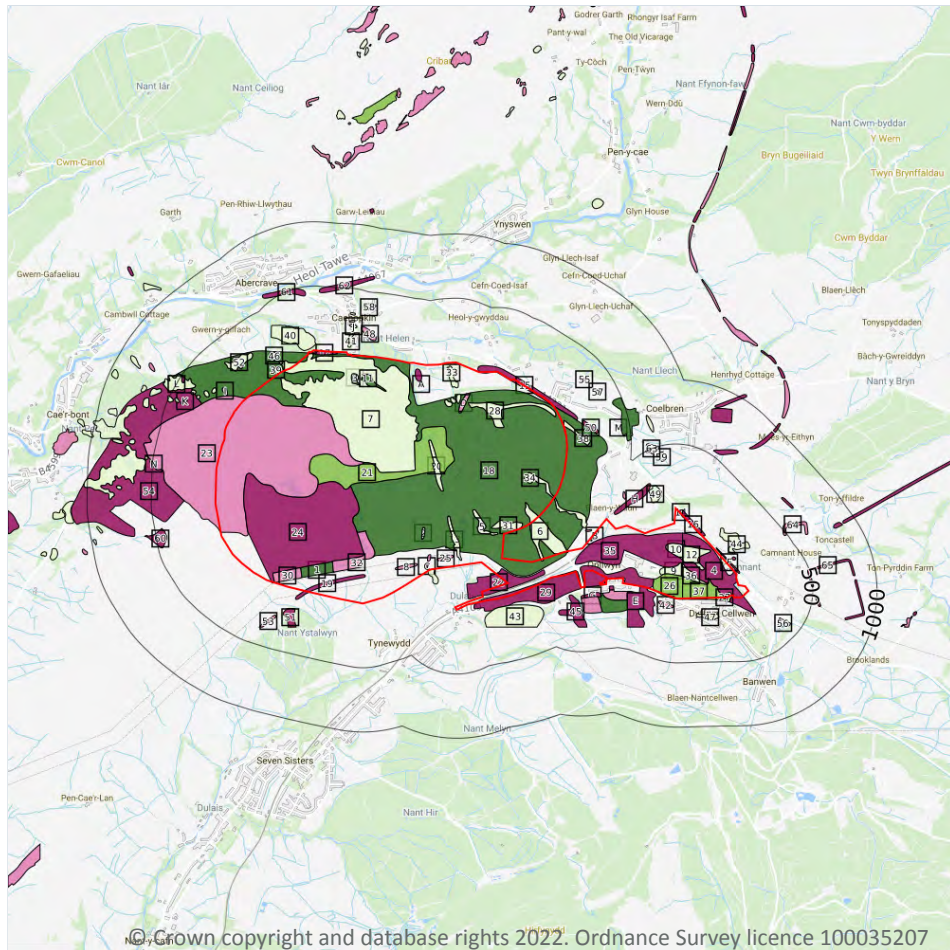
Features are displayed on the Geology 1:10,000 scale - Availability map on **page 230**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	SN81SW
2	On site	Full	Full	Full	Full	SN81SE
3	135m S	No coverage	No coverage	No coverage	No coverage	NoCov

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Artificial and made ground



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

14.2 Artificial and made ground (10k)

Records within 500m

102

Details of made, worked, infilled, disturbed and landscaped ground at 1:10,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on **page 231**

ID	Location	LEX Code	Description	Rock description
1	On site	LSGR-UNKNOWN	Landscaped Ground (Undivided)	Unknown/unclassified Entry
2	On site	WMGR-ARTDP	Infilled Ground	Artificial Deposit
3	On site	LSGR-UNKNOWN	Landscaped Ground (Undivided)	Unknown/unclassified Entry
4	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit



ID	Location	LEX Code	Description	Rock description
5	On site	WMGR-ARTDP	Infilled Ground	Artificial Deposit
6	On site	WMGR-ARTDP	Infilled Ground	Artificial Deposit
7	On site	WMGR-ARTDP	Infilled Ground	Artificial Deposit
8	On site	WGR-VOID	Worked Ground (Undivided)	Void
9	On site	WMGR-ARTDP	Infilled Ground	Artificial Deposit
10	On site	WMGR-ARTDP	Infilled Ground	Artificial Deposit
11	On site	LSGR-UNKNOWN	Landscaped Ground (Undivided)	Unknown/unclassified Entry
12	On site	WMGR-ARTDP	Infilled Ground	Artificial Deposit
13	On site	WMGR-ARTDP	Infilled Ground	Artificial Deposit
14	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
15	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
16	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
17	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
18	On site	LSGR-UNKNOWN	Landscaped Ground (Undivided)	Unknown/unclassified Entry
19	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
20	On site	WMGR-ARTDP	Infilled Ground	Artificial Deposit
21	On site	DDGR-UNKNOWN	Disturbed Ground (Undivided)	Unknown/unclassified Entry
22	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
23	On site	WGR-VOID	Worked Ground (Undivided)	Void
24	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
25	On site	WGR-VOID	Worked Ground (Undivided)	Void
26	On site	DDGR-UNKNOWN	Disturbed Ground (Undivided)	Unknown/unclassified Entry
27	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
28	On site	WMGR-ARTDP	Infilled Ground	Artificial Deposit
29	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
30	On site	WGR-VOID	Worked Ground (Undivided)	Void
31	On site	WMGR-ARTDP	Infilled Ground	Artificial Deposit
32	On site	WGR-VOID	Worked Ground (Undivided)	Void



ID	Location	LEX Code	Description	Rock description
33	On site	WMGR-ARTDP	Infilled Ground	Artificial Deposit
34	On site	WMGR-ARTDP	Infilled Ground	Artificial Deposit
35	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
36	On site	WMGR-ARTDP	Infilled Ground	Artificial Deposit
37	On site	DDGR-UNKNOWN	Disturbed Ground (Undivided)	Unknown/unclassified Entry
A	On site	WGR-VOID	Worked Ground (Undivided)	Void
A	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
B	On site	WGR-VOID	Worked Ground (Undivided)	Void
C	On site	WGR-VOID	Worked Ground (Undivided)	Void
C	On site	WMGR-ARTDP	Infilled Ground	Artificial Deposit
C	On site	WGR-VOID	Worked Ground (Undivided)	Void
D	On site	WGR-VOID	Worked Ground (Undivided)	Void
D	On site	WMGR-ARTDP	Infilled Ground	Artificial Deposit
D	On site	WMGR-ARTDP	Infilled Ground	Artificial Deposit
D	On site	WMGR-ARTDP	Infilled Ground	Artificial Deposit
E	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
38	3m E	WMGR-ARTDP	Infilled Ground	Artificial Deposit
F	14m NE	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
39	14m NW	WMGR-ARTDP	Infilled Ground	Artificial Deposit
40	21m NW	WMGR-ARTDP	Infilled Ground	Artificial Deposit
E	30m SE	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
B	34m NW	WGR-VOID	Worked Ground (Undivided)	Void
41	43m N	WMGR-ARTDP	Infilled Ground	Artificial Deposit
F	52m NE	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
E	53m SE	WGR-VOID	Worked Ground (Undivided)	Void
42	54m S	WGR-VOID	Worked Ground (Undivided)	Void
G	62m S	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
E	68m S	LSGR-UNKNOWN	Landscaped Ground (Undivided)	Unknown/unclassified Entry



ID	Location	LEX Code	Description	Rock description
43	69m S	WMGR-ARTDP	Infilled Ground	Artificial Deposit
H	72m NE	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
44	73m NE	WMGR-ARTDP	Infilled Ground	Artificial Deposit
G	85m S	WGR-VOID	Worked Ground (Undivided)	Void
45	92m SW	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
46	108m NW	WMGR-ARTDP	Infilled Ground	Artificial Deposit
47	118m S	WMGR-ARTDP	Infilled Ground	Artificial Deposit
I	125m NW	WMGR-ARTDP	Infilled Ground	Artificial Deposit
48	126m N	WGR-VOID	Worked Ground (Undivided)	Void
49	146m NW	WMGR-ARTDP	Infilled Ground	Artificial Deposit
50	150m E	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
51	153m S	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
J	200m N	WMGR-ARTDP	Infilled Ground	Artificial Deposit
52	202m NW	WMGR-ARTDP	Infilled Ground	Artificial Deposit
H	207m N	WGR-VOID	Worked Ground (Undivided)	Void
I	209m NW	WMGR-ARTDP	Infilled Ground	Artificial Deposit
I	232m NW	WMGR-ARTDP	Infilled Ground	Artificial Deposit
J	237m N	WMGR-ARTDP	Infilled Ground	Artificial Deposit
53	240m S	WGR-VOID	Worked Ground (Undivided)	Void
54	244m W	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
I	288m NW	WMGR-ARTDP	Infilled Ground	Artificial Deposit
J	294m N	WMGR-ARTDP	Infilled Ground	Artificial Deposit
55	297m NE	WMGR-ARTDP	Infilled Ground	Artificial Deposit
56	321m SE	WMGR-ARTDP	Infilled Ground	Artificial Deposit
I	335m NW	WMGR-ARTDP	Infilled Ground	Artificial Deposit
57	337m NE	WMGR-ARTDP	Infilled Ground	Artificial Deposit
58	361m N	WMGR-ARTDP	Infilled Ground	Artificial Deposit
K	362m NW	WMGR-ARTDP	Infilled Ground	Artificial Deposit

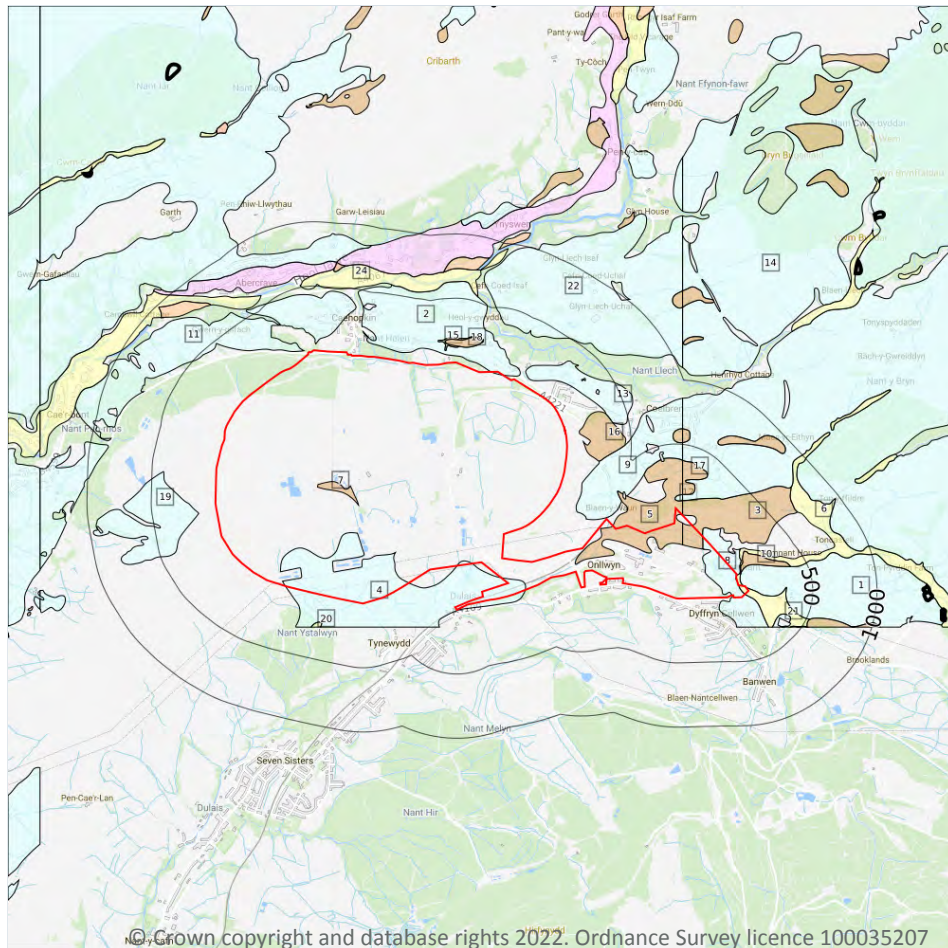


ID	Location	LEX Code	Description	Rock description
L	363m NW	WMGR-ARTDP	Infilled Ground	Artificial Deposit
59	377m N	WMGR-ARTDP	Infilled Ground	Artificial Deposit
M	398m E	WGR-VOID	Worked Ground (Undivided)	Void
K	413m NW	WMGR-ARTDP	Infilled Ground	Artificial Deposit
60	418m W	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
M	420m E	LSGR-UNKNOWN	Landscaped Ground (Undivided)	Unknown/unclassified Entry
61	429m N	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
62	452m N	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
L	455m NW	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
K	458m NW	WMGR-ARTDP	Infilled Ground	Artificial Deposit
63	462m NW	WMGR-ARTDP	Infilled Ground	Artificial Deposit
N	469m W	WMGR-ARTDP	Infilled Ground	Artificial Deposit
64	478m NE	WGR-VOID	Worked Ground (Undivided)	Void
65	483m E	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.

14.3 Superficial geology (10k)

Records within 500m

24

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 236**

ID	Location	LEX Code	Description	Rock description
1	On site	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton
2	On site	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton
3	On site	PEAT-P	Peat - Peat	Peat

ID	Location	LEX Code	Description	Rock description
4	On site	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton
5	On site	PEAT-P	Peat - Peat	Peat
6	On site	ALV-XCZSV	Alluvium - Clay, Silt, Sand And Gravel	Clay, Silt, Sand And Gravel
7	On site	PEAT-P	Peat - Peat	Peat
8	On site	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton
9	10m N	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton
10	34m E	PEAT-P	Peat - Peat	Peat
11	37m NW	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton
12	60m N	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton
13	64m NE	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton
14	80m NE	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton
15	96m N	ALV-XCZSV	Alluvium - Clay, Silt, Sand And Gravel	Clay, Silt, Sand And Gravel
16	106m E	PEAT-P	Peat - Peat	Peat
17	119m NE	PEAT-P	Peat - Peat	Peat
18	128m N	PEAT-P	Peat - Peat	Peat
19	142m W	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton
20	211m S	ALV-XCZSV	Alluvium - Clay, Silt, Sand And Gravel	Clay, Silt, Sand And Gravel
21	306m SE	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton
22	366m NE	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton
23	431m SE	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton
24	475m N	ALV-XCZSV	Alluvium - Clay, Silt, Sand And Gravel	Clay, Silt, Sand And Gravel

This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

Records within 500m

0

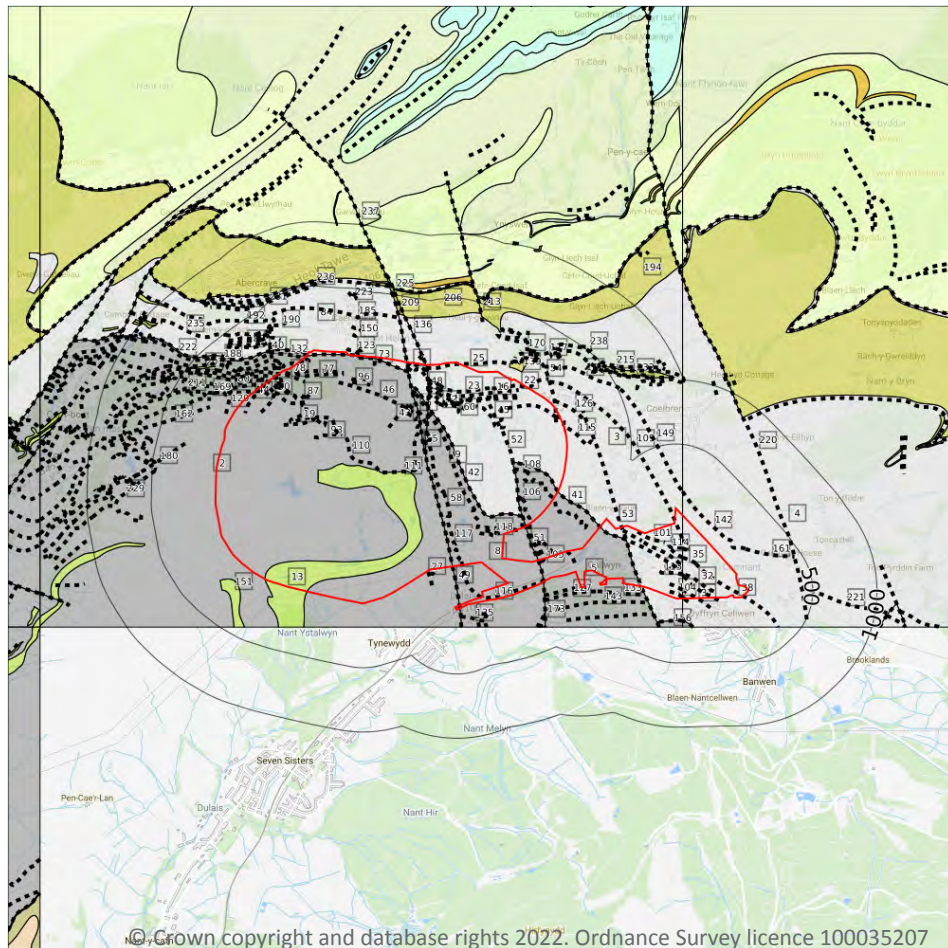
Mass movement deposits on BGS geological maps at 1:10,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.



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.

14.5 Bedrock geology (10k)

Records within 500m

18

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 239**

ID	Location	LEX Code	Description	Rock age
2	On site	SWMCM-MDSS	South Wales Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovia Sub-age - Duckmantian Sub-age
3	On site	SWLCM-MDSS	South Wales Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone	Langsettian Sub-age

ID	Location	LEX Code	Description	Rock age
4	On site	SWLCM-MDSS	South Wales Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone	Langsettian Sub-age
5	On site	SWMCM-MDSS	South Wales Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovian Sub-age - Duckmantian Sub-age
6	On site	SWMCM-MDSS	South Wales Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovian Sub-age - Duckmantian Sub-age
7	On site	SWLCM-MDSS	South Wales Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone	Langsettian Sub-age
8	On site	SWMCM-MDSS	South Wales Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovian Sub-age - Duckmantian Sub-age
13	On site	SWMCM-SDST	South Wales Middle Coal Measures Formation - Sandstone	Bolsovian Sub-age - Duckmantian Sub-age
84	On site	SWLCM-MDSS	South Wales Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone	Langsettian Sub-age
139	79m NE	SWLCM-SDST	South Wales Lower Coal Measures Formation - Sandstone	Langsettian Sub-age
151	144m SW	SWMCM-SDST	South Wales Middle Coal Measures Formation - Sandstone	Bolsovian Sub-age - Duckmantian Sub-age
156	170m S	SWMCM-MDSS	South Wales Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovian Sub-age - Duckmantian Sub-age
157	174m S	SWMCM-MDSS	South Wales Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovian Sub-age - Duckmantian Sub-age
194	310m N	SWLCM-SDST	South Wales Lower Coal Measures Formation - Sandstone	Langsettian Sub-age
206	339m N	SWLCM-SDST	South Wales Lower Coal Measures Formation - Sandstone	Langsettian Sub-age
207	345m NW	SWLCM-SDST	South Wales Lower Coal Measures Formation - Sandstone	Langsettian Sub-age
209	354m N	SWLCM-SDST	South Wales Lower Coal Measures Formation - Sandstone	Langsettian Sub-age
232	472m NE	SWLCM-SDST	South Wales Lower Coal Measures Formation - Sandstone	Langsettian Sub-age

This data is sourced from the British Geological Survey.



14.6 Bedrock faults and other linear features (10k)

Records within 500m

221

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 239**

ID	Location	Category	Description
1	On site	ROCK	Coal seam, inferred ()
9	On site	ROCK	Coal seam, inferred ()
10	On site	ROCK	Coal seam, observed ()
11	On site	ROCK	Coal seam, observed ()
12	On site	ROCK	Coal seam, inferred ()
14	On site	ROCK	Coal seam, inferred ()
15	On site	ROCK	Coal seam, observed ()
16	On site	ROCK	Coal seam, observed ()
17	On site	ROCK	Coal seam, inferred ()
18	On site	ROCK	Coal seam, inferred ()
19	On site	ROCK	Coal seam, observed ()
20	On site	ROCK	Coal seam, inferred ()
21	On site	ROCK	Coal seam, inferred ()
22	On site	ROCK	Coal seam, inferred ()
23	On site	ROCK	Coal seam, observed ()
24	On site	ROCK	Coal seam, inferred ()
25	On site	ROCK	Coal seam, observed ()
26	On site	ROCK	Coal seam, inferred ()
27	On site	ROCK	Coal seam, inferred ()
28	On site	ROCK	Coal seam, observed ()
29	On site	ROCK	Coal seam, observed ()
30	On site	ROCK	Coal seam, inferred ()
31	On site	ROCK	Coal seam, inferred ()



ID	Location	Category	Description
32	On site	ROCK	Coal seam, inferred ()
33	On site	ROCK	Coal seam, inferred ()
34	On site	ROCK	Coal seam, inferred ()
35	On site	ROCK	Coal seam, inferred ()
36	On site	ROCK	Coal seam, inferred ()
37	On site	ROCK	Coal seam, inferred ()
38	On site	ROCK	Coal seam, inferred ()
39	On site	FOSSIL_HORIZON	Fossil horizon, marine band ()
40	On site	FOSSIL_HORIZON	Fossil horizon, marine band ()
41	On site	FOSSIL_HORIZON	Fossil horizon, marine band ()
42	On site	FOSSIL_HORIZON	Fossil horizon, marine band ()
43	On site	FOLD_AXIS	Axial plane trace of major syncline
44	On site	FOLD_AXIS	Axial plane trace of major syncline
45	On site	FOLD_AXIS	Axial plane trace of major anticline
46	On site	FAULT	Normal fault, inferred
47	On site	FAULT	Normal fault, inferred
48	On site	FAULT	Normal fault, observed
49	On site	FAULT	Normal fault, observed
50	On site	FAULT	Normal fault, observed
51	On site	FAULT	Normal fault, observed
52	On site	FAULT	Normal fault, inferred
53	On site	FAULT	Normal fault, inferred
54	On site	FAULT	Normal fault, observed
55	On site	FAULT	Normal fault, observed
56	On site	ROCK	Coal seam, inferred ()
57	On site	ROCK	Coal seam, observed ()
58	On site	ROCK	Coal seam, inferred ()
59	On site	ROCK	Coal seam, observed ()

ID	Location	Category	Description
60	On site	ROCK	Coal seam, observed ()
61	On site	ROCK	Coal seam, observed ()
62	On site	ROCK	Coal seam, observed ()
63	On site	ROCK	Coal seam, observed ()
64	On site	ROCK	Coal seam, observed ()
65	On site	ROCK	Coal seam, observed ()
66	On site	ROCK	Coal seam, observed ()
67	On site	ROCK	Coal seam, observed ()
68	On site	ROCK	Coal seam, observed ()
69	On site	ROCK	Coal seam, observed ()
70	On site	ROCK	Coal seam, observed ()
71	On site	ROCK	Coal seam, inferred ()
72	On site	ROCK	Coal seam, observed ()
73	On site	ROCK	Coal seam, observed ()
74	On site	ROCK	Coal seam, observed ()
75	On site	ROCK	Coal seam, inferred ()
76	On site	ROCK	Coal seam, inferred ()
77	On site	ROCK	Coal seam, observed ()
78	On site	ROCK	Coal seam, observed ()
79	On site	ROCK	Coal seam, observed ()
80	On site	ROCK	Coal seam, observed ()
81	On site	ROCK	Coal seam, observed ()
82	On site	ROCK	Coal seam, inferred ()
83	On site	ROCK	Coal seam, inferred ()
85	On site	ROCK	Coal seam, observed ()
86	On site	ROCK	Coal seam, observed ()
87	On site	ROCK	Coal seam, observed ()
88	On site	ROCK	Coal seam, observed ()



ID	Location	Category	Description
89	On site	ROCK	Coal seam, observed ()
90	On site	ROCK	Coal seam, observed ()
91	On site	ROCK	Coal seam, observed ()
92	On site	ROCK	Coal seam, inferred ()
93	On site	ROCK	Coal seam, observed ()
94	On site	ROCK	Coal seam, observed ()
95	On site	ROCK	Coal seam, inferred ()
96	On site	ROCK	Coal seam, inferred ()
97	On site	ROCK	Coal seam, observed ()
98	On site	ROCK	Coal seam, observed ()
99	On site	ROCK	Coal seam, observed ()
100	On site	ROCK	Coal seam, observed ()
101	On site	ROCK	Coal seam, inferred ()
102	On site	ROCK	Coal seam, inferred ()
103	On site	ROCK	Coal seam, inferred ()
104	On site	ROCK	Coal seam, inferred ()
105	On site	ROCK	Coal seam, observed ()
106	On site	ROCK	Coal seam, inferred ()
107	On site	ROCK	Coal seam, observed ()
108	On site	ROCK	Coal seam, inferred ()
109	On site	ROCK	Coal seam, inferred ()
110	On site	ROCK	Coal seam, observed ()
111	On site	ROCK	Coal seam, observed ()
112	On site	ROCK	Coal seam, inferred ()
113	On site	ROCK	Coal seam, inferred ()
114	On site	ROCK	Coal seam, inferred ()
115	On site	ROCK	Coal seam, observed ()
116	On site	ROCK	Coal seam, inferred ()



ID	Location	Category	Description
117	On site	ROCK	Coal seam, observed ()
118	On site	ROCK	Coal seam, observed ()
119	1m S	ROCK	Coal seam, inferred ()
120	3m S	ROCK	Coal seam, inferred ()
121	9m NW	ROCK	Coal seam, observed ()
122	12m N	ROCK	Coal seam, inferred ()
123	15m N	ROCK	Coal seam, inferred ()
124	21m NW	ROCK	Coal seam, observed ()
125	22m NW	ROCK	Coal seam, observed ()
126	33m NE	ROCK	Coal seam, inferred ()
127	37m S	ROCK	Coal seam, observed ()
128	40m N	ROCK	Coal seam, observed ()
129	42m NW	FOLD_AXIS	Axial plane trace of major anticline
130	48m NW	ROCK	Coal seam, observed ()
131	50m NW	ROCK	Coal seam, observed ()
132	51m NW	ROCK	Coal seam, inferred ()
133	53m S	ROCK	Coal seam, inferred ()
134	58m NW	ROCK	Coal seam, observed ()
135	60m SE	ROCK	Coal seam, observed ()
136	68m N	FAULT	Normal fault, inferred
137	72m N	FAULT	Normal fault, inferred
138	76m NW	FAULT	Normal fault, inferred
140	80m NW	ROCK	Coal seam, observed ()
141	94m S	ROCK	Coal seam, inferred ()
142	105m NE	ROCK	Coal seam, inferred ()
143	106m S	ROCK	Coal seam, inferred ()
144	108m S	ROCK	Coal seam, observed ()
145	109m S	FAULT	Normal fault, inferred



ID	Location	Category	Description
146	125m NW	ROCK	Coal seam, observed ()
147	126m N	ROCK	Coal seam, inferred ()
148	139m NW	ROCK	Coal seam, observed ()
149	141m N	ROCK	Coal seam, inferred ()
150	143m NE	ROCK	Coal seam, observed ()
152	163m NW	ROCK	Coal seam, observed ()
153	164m NE	FOSSIL_HORIZON	Fossil horizon, marine band ()
154	169m NW	ROCK	Coal seam, observed ()
155	170m S	FOSSIL_HORIZON	Fossil horizon, marine band ()
158	175m S	FOSSIL_HORIZON	Fossil horizon, marine band ()
159	177m S	ROCK	Coal seam, inferred ()
160	180m NE	ROCK	Coal seam, observed ()
161	183m NE	ROCK	Coal seam, inferred ()
162	186m NW	FOLD_AXIS	Axial plane trace of major syncline
163	198m N	ROCK	Coal seam, observed ()
164	202m NW	ROCK	Coal seam, observed ()
165	206m NE	ROCK	Coal seam, observed ()
166	207m NW	ROCK	Coal seam, observed ()
167	212m NW	ROCK	Coal seam, observed ()
168	224m NW	ROCK	Coal seam, observed ()
169	226m NW	ROCK	Coal seam, observed ()
170	226m N	FOSSIL_HORIZON	Fossil horizon, marine band ()
171	231m NW	FAULT	Normal fault, observed
172	232m NW	ROCK	Coal seam, observed ()
173	234m S	ROCK	Coal seam, inferred ()
174	234m NE	FAULT	Normal fault, inferred
175	236m S	ROCK	Coal seam, observed ()
176	245m NW	ROCK	Coal seam, inferred ()

ID	Location	Category	Description
177	255m NE	FOSSIL_HORIZON	Fossil horizon, marine band ()
178	257m NE	FOSSIL_HORIZON	Fossil horizon, marine band ()
179	260m NW	ROCK	Coal seam, inferred ()
180	260m W	FOLD_AXIS	Axial plane trace of major anticline
181	264m N	FOSSIL_HORIZON	Fossil horizon, marine band ()
182	273m NW	ROCK	Coal seam, observed ()
183	276m N	FOSSIL_HORIZON	Fossil horizon, marine band ()
184	281m NW	ROCK	Coal seam, observed ()
185	283m N	ROCK	Coal seam, observed ()
186	284m NW	ROCK	Coal seam, observed ()
187	286m NW	ROCK	Coal seam, inferred ()
188	292m NW	ROCK	Coal seam, observed ()
189	292m S	ROCK	Coal seam, inferred ()
190	294m NW	FAULT	Normal fault, inferred
191	297m NW	ROCK	Coal seam, observed ()
192	301m N	ROCK	Coal seam, inferred ()
193	302m NE	FOSSIL_HORIZON	Fossil horizon, marine band ()
195	310m NW	ROCK	Coal seam, inferred ()
196	312m NE	FOSSIL_HORIZON	Fossil horizon, marine band ()
197	313m NW	ROCK	Coal seam, inferred ()
198	316m N	ROCK	Coal seam, observed ()
199	317m NW	ROCK	Coal seam, observed ()
200	321m N	ROCK	Coal seam, inferred ()
201	325m NW	ROCK	Coal seam, inferred ()
202	327m NW	ROCK	Coal seam, observed ()
203	330m NW	ROCK	Coal seam, inferred ()
204	335m NW	ROCK	Coal seam, observed ()
205	335m NW	ROCK	Coal seam, observed ()



ID	Location	Category	Description
208	350m NW	ROCK	Coal seam, observed ()
210	354m NW	ROCK	Coal seam, observed ()
211	363m NW	ROCK	Coal seam, observed ()
212	367m NW	ROCK	Coal seam, observed ()
213	370m NE	FAULT	Normal fault, inferred
214	371m NW	ROCK	Coal seam, observed ()
215	373m NE	FOSSIL_HORIZON	Fossil horizon, marine band ()
216	380m NE	FOSSIL_HORIZON	Fossil horizon, marine band ()
217	385m NW	ROCK	Coal seam, inferred ()
218	388m NE	FOSSIL_HORIZON	Fossil horizon, marine band ()
219	405m NE	FOSSIL_HORIZON	Fossil horizon, marine band ()
220	410m E	FAULT	Normal fault, inferred
221	413m E	ROCK	Coal seam, inferred ()
222	415m NW	ROCK	Coal seam, inferred ()
223	420m N	FOSSIL_HORIZON	Fossil horizon, marine band ()
224	422m NE	FOSSIL_HORIZON	Fossil horizon, marine band ()
225	425m N	FAULT	Normal fault, observed
226	451m N	FOSSIL_HORIZON	Fossil horizon, marine band ()
227	457m NW	ROCK	Coal seam, observed ()
228	464m W	ROCK	Coal seam, observed ()
229	464m W	ROCK	Coal seam, inferred ()
230	469m W	ROCK	Coal seam, observed ()
231	471m N	FOSSIL_HORIZON	Fossil horizon, marine band ()
233	472m NE	ROCK	Coal seam, observed ()
234	473m NW	ROCK	Coal seam, observed ()
235	485m NW	ROCK	Coal seam, inferred ()
236	486m N	FOSSIL_HORIZON	Fossil horizon, marine band ()
237	492m N	FAULT	Normal fault, observed

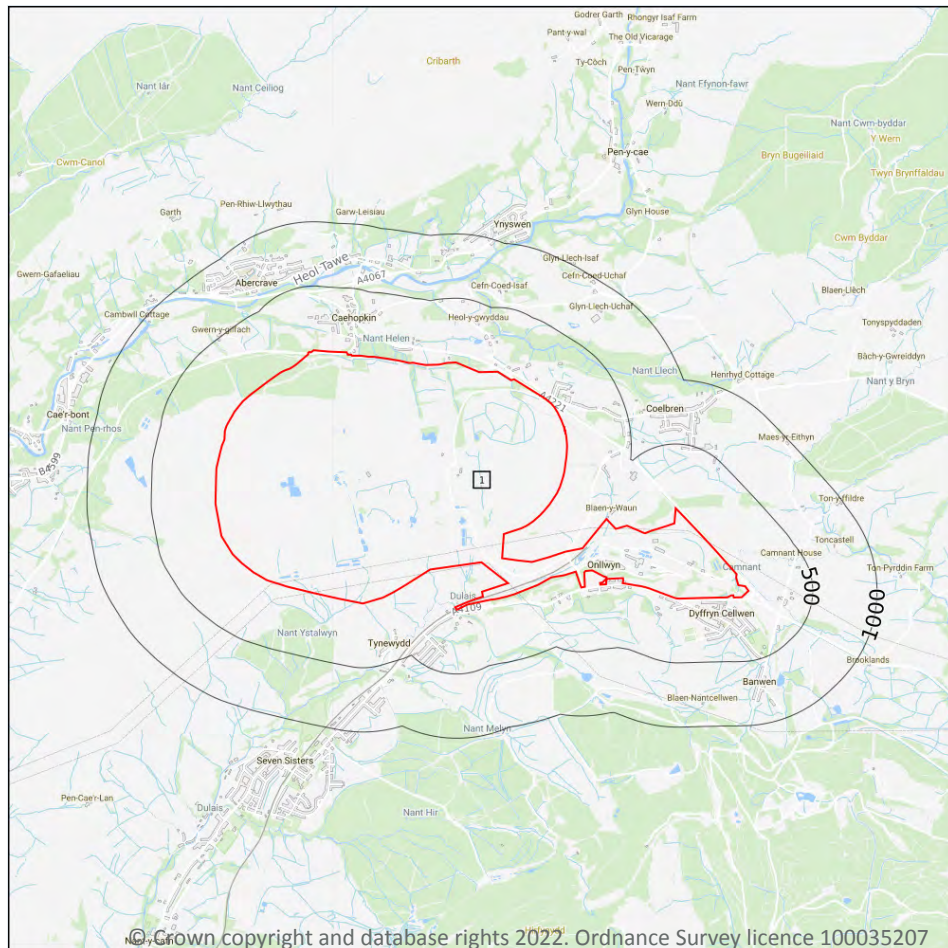


ID	Location	Category	Description
238	494m NE	FOSSIL_HORIZON	Fossil horizon, marine band ()
239	495m NE	ROCK	Coal seam, inferred ()

This data is sourced from the British Geological Survey.



15 Geology 1:50,000 scale - Availability



— Site Outline
Search buffers in metres (m)

□ Geological map tile

15.1 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.

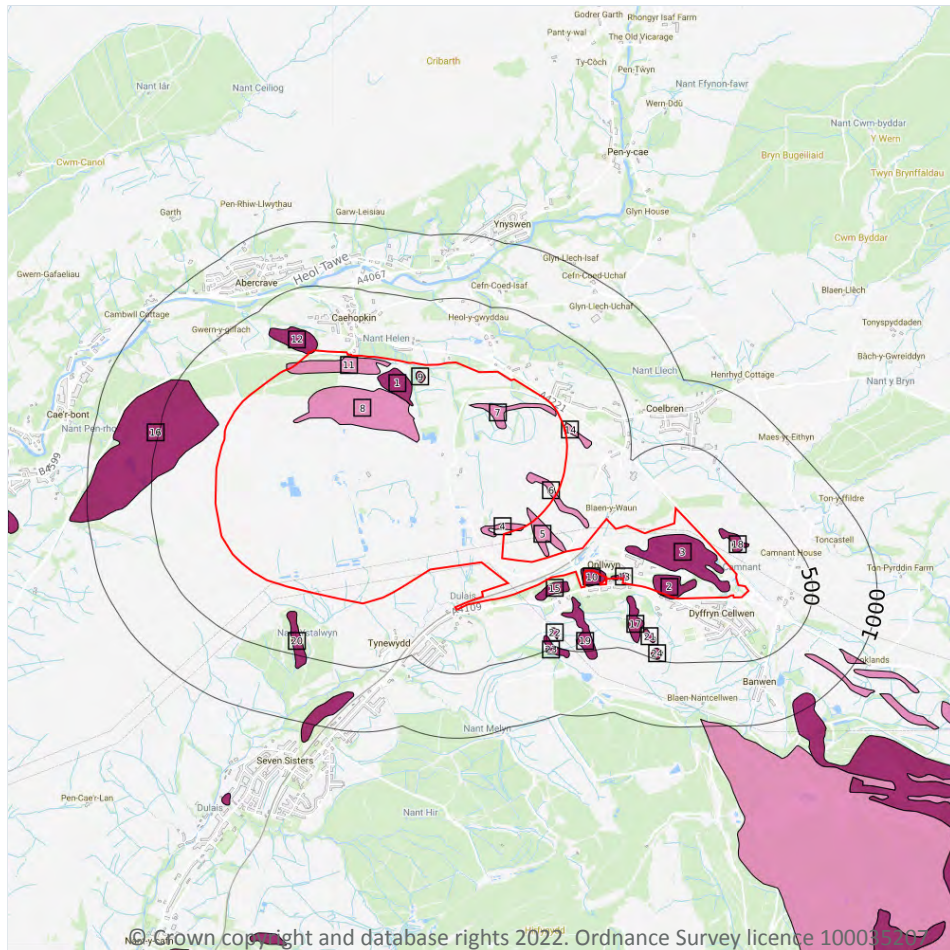
Features are displayed on the Geology 1:50,000 scale - Availability map on **page 250**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	EW231_merthyr_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

15.2 Artificial and made ground (50k)

Records within 500m

24

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 251**

ID	Location	LEX Code	Description	Rock description
1	On site	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
2	On site	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
3	On site	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
4	On site	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID



ID	Location	LEX Code	Description	Rock description
5	On site	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
6	On site	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
7	On site	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
8	On site	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
9	On site	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
10	On site	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
11	On site	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
12	On site	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
13	On site	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
14	3m E	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
15	42m SE	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
16	62m W	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
17	89m S	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
18	95m NE	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
19	97m SW	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
20	174m S	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
21	302m S	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
22	353m S	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
23	388m S	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
24	413m S	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT

This data is sourced from the British Geological Survey.

15.3 Artificial ground permeability (50k)

Records within 50m	10
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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
On site	Mixed	Very High	Low

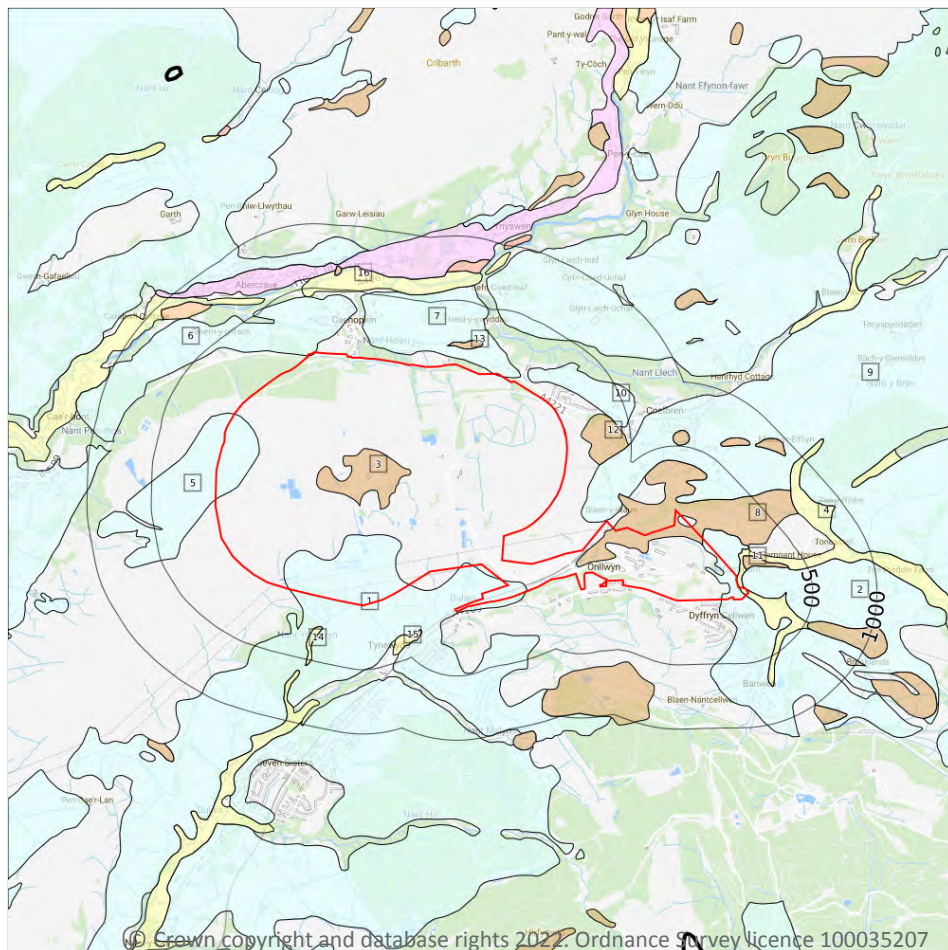


Location	Flow type	Maximum permeability	Minimum permeability
On site	Mixed	Very High	Low
On site	Mixed	Very High	Low
On site	Mixed	Very High	Low
On site	Mixed	Very High	Low
On site	Mixed	Very High	Low
On site	Mixed	Very High	Low
On site	Mixed	Very High	Low
On site	Mixed	Very High	Low
On site	Mixed	Very High	Low
42m SE	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.

15.4 Superficial geology (50k)

Records within 500m

16

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 254**

ID	Location	LEX Code	Description	Rock description
1	On site	TILLD-DMTN	TILL, DEVENSIAN	DIAMICTON
2	On site	TILLD-DMTN	TILL, DEVENSIAN	DIAMICTON
3	On site	PEAT-P	PEAT	PEAT

ID	Location	LEX Code	Description	Rock description
4	On site	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
5	On site	TILLD-DMTN	TILL, DEVENSIAN	DIAMICTON
6	On site	TILLD-DMTN	TILL, DEVENSIAN	DIAMICTON
7	On site	TILLD-DMTN	TILL, DEVENSIAN	DIAMICTON
8	On site	PEAT-P	PEAT	PEAT
9	6m N	TILLD-DMTN	TILL, DEVENSIAN	DIAMICTON
10	69m NE	TILLD-DMTN	TILL, DEVENSIAN	DIAMICTON
11	91m NE	PEAT-P	PEAT	PEAT
12	119m E	PEAT-P	PEAT	PEAT
13	134m N	PEAT-P	PEAT	PEAT
14	228m S	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
15	310m SW	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
16	432m N	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m

11

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
On site	Mixed	High	Low
On site	Mixed	High	Low
On site	Mixed	Low	Very Low
On site	Mixed	Low	Very Low
On site	Mixed	High	Low
On site	Mixed	High	Low
On site	Mixed	Low	Very Low



Location	Flow type	Maximum permeability	Minimum permeability
On site	Mixed	High	Low
On site	Mixed	High	Low
On site	Intergranular	High	Very Low
6m E	Mixed	High	Low

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m	0
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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.

15.7 Landslip permeability (50k)

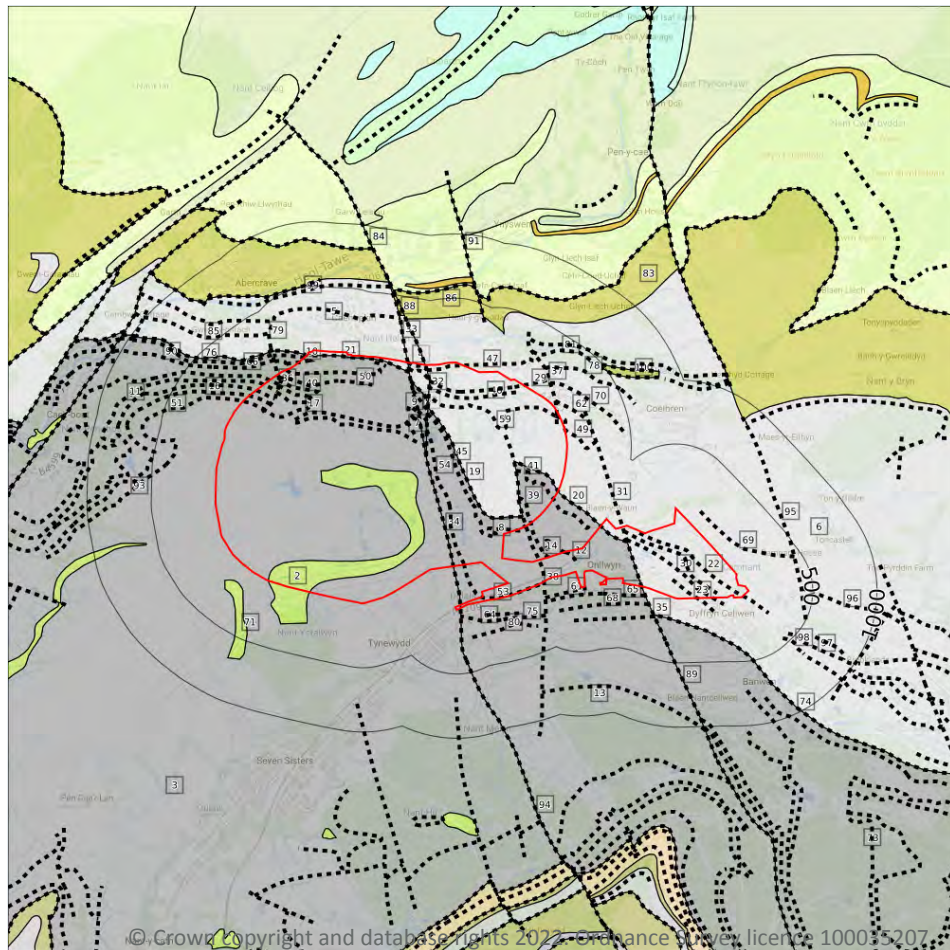
Records within 50m	0
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A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any landslip deposits (the zone between the land surface and the water table).

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.

15.8 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 257**

ID	Location	LEX Code	Description	Rock age
2	On site	SWMCM-SDST	SOUTH WALES MIDDLE COAL MEASURES FORMATION - SANDSTONE	WESTPHALIAN
3	On site	SWMCM-MDSS	SOUTH WALES MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN



ID	Location	LEX Code	Description	Rock age
4	On site	SWLCM-MDSS	SOUTH WALES LOWER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
5	On site	SWLCM-MDSS	SOUTH WALES LOWER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
6	On site	SWLCM-MDSS	SOUTH WALES LOWER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
13	On site	SWMCM-MDSS	SOUTH WALES MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
52	On site	SWMCM-MDSS	SOUTH WALES MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
71	138m SW	SWMCM-SDST	SOUTH WALES MIDDLE COAL MEASURES FORMATION - SANDSTONE	WESTPHALIAN
73	166m S	SWMCM-MDSS	SOUTH WALES MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
83	302m N	SWLCM-SDST	SOUTH WALES LOWER COAL MEASURES FORMATION - SANDSTONE	WESTPHALIAN
86	329m N	SWLCM-SDST	SOUTH WALES LOWER COAL MEASURES FORMATION - SANDSTONE	WESTPHALIAN
88	349m N	SWLCM-SDST	SOUTH WALES LOWER COAL MEASURES FORMATION - SANDSTONE	WESTPHALIAN
100	481m NE	SWLCM-SDST	SOUTH WALES LOWER COAL MEASURES FORMATION - SANDSTONE	WESTPHALIAN

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m	4
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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	Moderate	Low
On site	Fracture	High	Moderate
On site	Fracture	Moderate	Low
On site	Fracture	Moderate	Low



This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m

90

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 257**

ID	Location	Category	Description
1	On site	ROCK	Coal seam, observed
7	On site	ROCK	Coal seam, observed
8	On site	ROCK	Coal seam, observed
9	On site	ROCK	Coal seam, observed
10	On site	ROCK	Coal seam, observed
11	On site	ROCK	Coal seam, observed
12	On site	ROCK	Coal seam, observed
14	On site	ROCK	Coal seam, observed
15	On site	ROCK	Coal seam, observed
16	On site	ROCK	Coal seam, observed
17	On site	ROCK	Coal seam, observed
18	On site	FOSSIL_HORIZON	Marine band
19	On site	FOSSIL_HORIZON	Marine band
20	On site	FOSSIL_HORIZON	Marine band
21	On site	FOSSIL_HORIZON	Marine band
22	On site	ROCK	Coal seam, inferred
23	On site	ROCK	Coal seam, inferred
24	On site	ROCK	Coal seam, inferred
25	On site	ROCK	Coal seam, inferred
26	On site	ROCK	Coal seam, inferred
27	On site	ROCK	Coal seam, inferred



ID	Location	Category	Description
28	On site	ROCK	Coal seam, inferred
29	On site	ROCK	Coal seam, inferred
30	On site	ROCK	Coal seam, inferred
31	On site	FAULT	Fault, inferred, displacement unknown
32	On site	FAULT	Fault, inferred, displacement unknown
33	On site	FAULT	Fault, inferred, displacement unknown
34	On site	FAULT	Fault, observed, displacement unknown
35	On site	FAULT	Fault, observed, displacement unknown
36	On site	FAULT	Fault, observed, displacement unknown
37	On site	FAULT	Fault, observed, displacement unknown
38	On site	FAULT	Fault, inferred, displacement unknown
39	On site	ROCK	Coal seam, observed
40	On site	ROCK	Coal seam, observed
41	On site	ROCK	Coal seam, observed
42	On site	ROCK	Coal seam, observed
43	On site	ROCK	Coal seam, observed
44	On site	ROCK	Coal seam, inferred
45	On site	ROCK	Coal seam, inferred
46	On site	ROCK	Coal seam, observed
47	On site	ROCK	Coal seam, observed
48	On site	ROCK	Coal seam, observed
49	On site	ROCK	Coal seam, observed
50	On site	ROCK	Coal seam, inferred
51	On site	ROCK	Coal seam, observed
53	On site	ROCK	Coal seam, inferred
54	On site	ROCK	Coal seam, inferred
55	On site	ROCK	Coal seam, observed
56	On site	ROCK	Coal seam, observed



ID	Location	Category	Description
57	On site	ROCK	Coal seam, observed
58	On site	ROCK	Coal seam, observed
59	On site	ROCK	Coal seam, observed
60	On site	ROCK	Coal seam, observed
61	9m S	ROCK	Coal seam, inferred
62	39m NE	ROCK	Coal seam, inferred
63	57m S	ROCK	Coal seam, observed
64	59m SE	ROCK	Coal seam, observed
65	62m S	ROCK	Coal seam, inferred
66	109m NW	ROCK	Coal seam, observed
67	110m S	ROCK	Coal seam, inferred
68	116m S	ROCK	Coal seam, inferred
69	122m NE	ROCK	Coal seam, inferred
70	123m NE	ROCK	Coal seam, inferred
72	152m NW	ROCK	Coal seam, observed
74	166m S	FOSSIL_HORIZON	Marine band
75	167m S	ROCK	Coal seam, inferred
76	182m NW	FOSSIL_HORIZON	Marine band
77	190m S	ROCK	Coal seam, inferred
78	200m NE	ROCK	Coal seam, observed
79	205m NW	FAULT	Fault, inferred, displacement unknown
80	223m S	ROCK	Coal seam, inferred
81	259m NE	FOSSIL_HORIZON	Marine band
82	277m N	ROCK	Coal seam, inferred
84	305m N	FAULT	Fault, observed, displacement unknown
85	315m NW	ROCK	Coal seam, inferred
87	332m NE	FOSSIL_HORIZON	Marine band
89	349m S	FAULT	Fault, inferred, displacement unknown

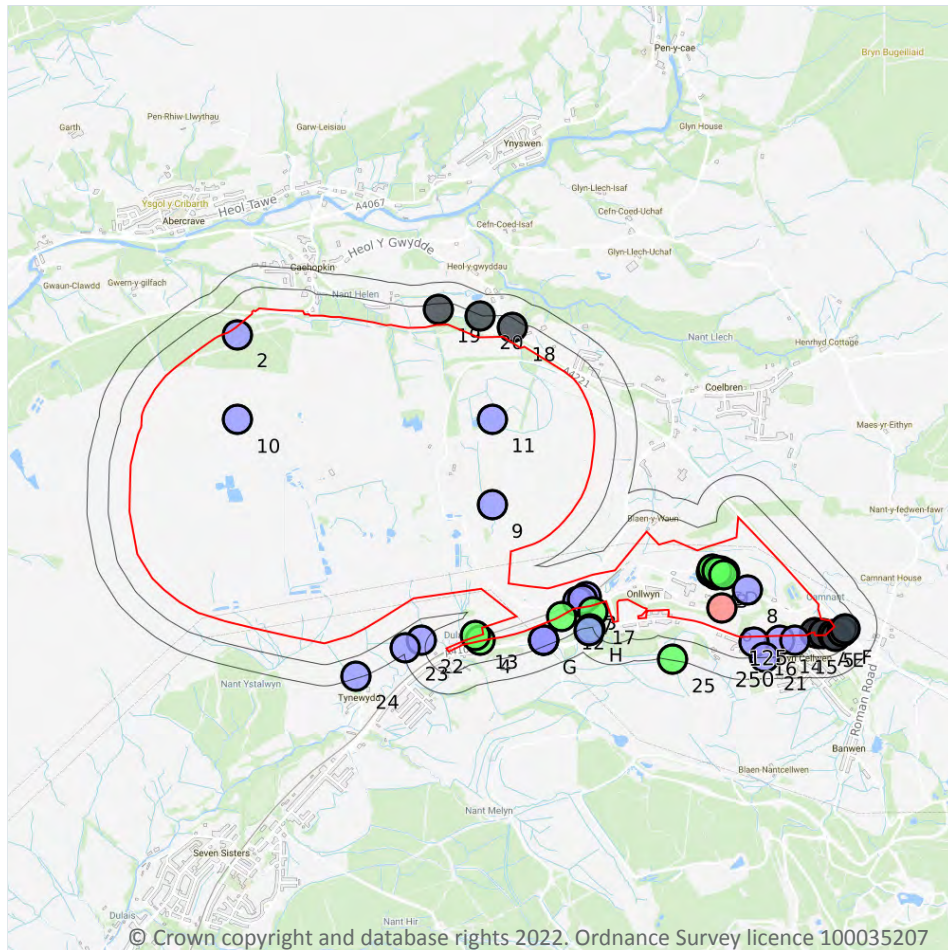


ID	Location	Category	Description
90	360m NW	ROCK	Coal seam, inferred
91	369m NE	FAULT	Fault, inferred, displacement unknown
92	394m NW	ROCK	Coal seam, inferred
93	395m W	ROCK	Coal seam, inferred
94	399m S	FAULT	Fault, inferred, displacement unknown
95	406m E	FAULT	Fault, inferred, displacement unknown
96	412m E	ROCK	Coal seam, inferred
97	440m SE	ROCK	Coal seam, inferred
98	452m SE	ROCK	Coal seam, inferred
99	466m N	FOSSIL_HORIZON	Marine band
101	481m NE	FOSSIL_HORIZON	Marine band
102	494m W	ROCK	Coal seam, observed
103	497m NE	ROCK	Coal seam, inferred

This data is sourced from the British Geological Survey.



16 Boreholes



— Site Outline
Search buffers in metres (m)

- Confidential
- 0 - 10m
- 10 - 30m
- 30m+
- Unknown

16.1 BGS Boreholes

Records within 250m

44

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.

Features are displayed on the Boreholes map on **page 263**

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	On site	284000 210430	NANT HELEN O C C S TP1	1.9	N	258523
2	On site	282000 212000	ABERCRAVE & INTERNATIONAL COLLIERY	-2.0	N	258514
3	On site	284050 210460	NANT HELEN O C C S TP3	1.5	N	258525



ID	Location	Grid reference	Name	Length	Confidential	Web link
4	On site	283430 210200	YSTRADGYNLAIS-ONLLWYN ROAD 41	15.85	N	258497
5	On site	285448 210241	Onllwyn CSO Ground Investigation BH3	-	Y	N/A
6	On site	284850 210390	ONLLWYN TIP. ON10	45.11	N	258505
7	On site	284030 210440	NANT HELEN O C C S TP2	2.0	N	258524
8	On site	285000 210500	LLWYND PCA, 547	-2.0	N	258479
9	On site	283500 211000	ONLLWYN, O/C SITE. 070402	-2.0	N	258487
10	On site	282000 211500	ABERCRAVE, 579	-2.0	N	258488
11	On site	283500 211500	CEFN BYRLE, 880	-2.0	N	258491
A	On site	285418 210243	Onllwyn CSO Ground Investigation BH1	-	Y	N/A
A	On site	285397 210244	Onllwyn CSO Ground Investigation BH2	-	Y	N/A
B	On site	284818 210585	ONLLWYN 3	24.0	N	258517
B	On site	284813 210603	ONLLWYN 4	24.0	N	258518
B	On site	284845 210609	ONLLWYN 6	24.0	N	258520
B	On site	284824 210610	ONLLWYN 5	24.0	N	258519
C	On site	284787 210602	ONLLWYN 2	30.0	N	258516
C	On site	284795 210621	ONLLWYN 1	25.55	N	258515
D	On site	284869 210600	ONLLWYN 7	22.0	N	258521
D	On site	284862 210586	ONLLWYN 8	23.0	N	258522
12	7m SE	283910 210340	ONLLWYN TIP. ON11	24.38	N	258506
13	8m N	283400 210230	YSTRADGYNLAIS-ONLLWYN ROAD 40	14.63	N	258496
E	27m SE	285505 210237	Onllwyn CSO Ground Investigation BH4	-	Y	N/A
14	28m S	285190 210200	DYFFRYN CELLWEN NEATH L2	4.0	N	258483
15	30m S	285280 210200	DYFFRYN CELLWEN NEATH L3	4.0	N	258484
16	34m S	285040 210190	DYFFRYN CELLWEN NEATH L1	5.0	N	258482
17	35m S	284090 210370	ONLLWYN TIP. ON7	23.16	N	258503
E	48m SE	285520 210223	Onllwyn CSO Ground Investigation BH9A	-	Y	N/A
F	54m SE	285560 210255	Onllwyn CSO Ground Investigation BH5	-	Y	N/A
F	61m E	285573 210270	Onllwyn CSO Ground Investigation BH6	-	Y	N/A

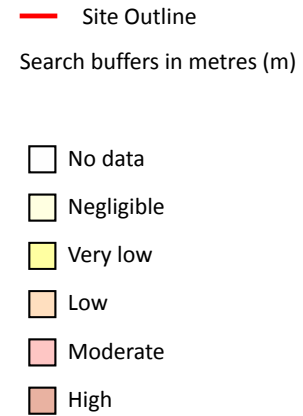
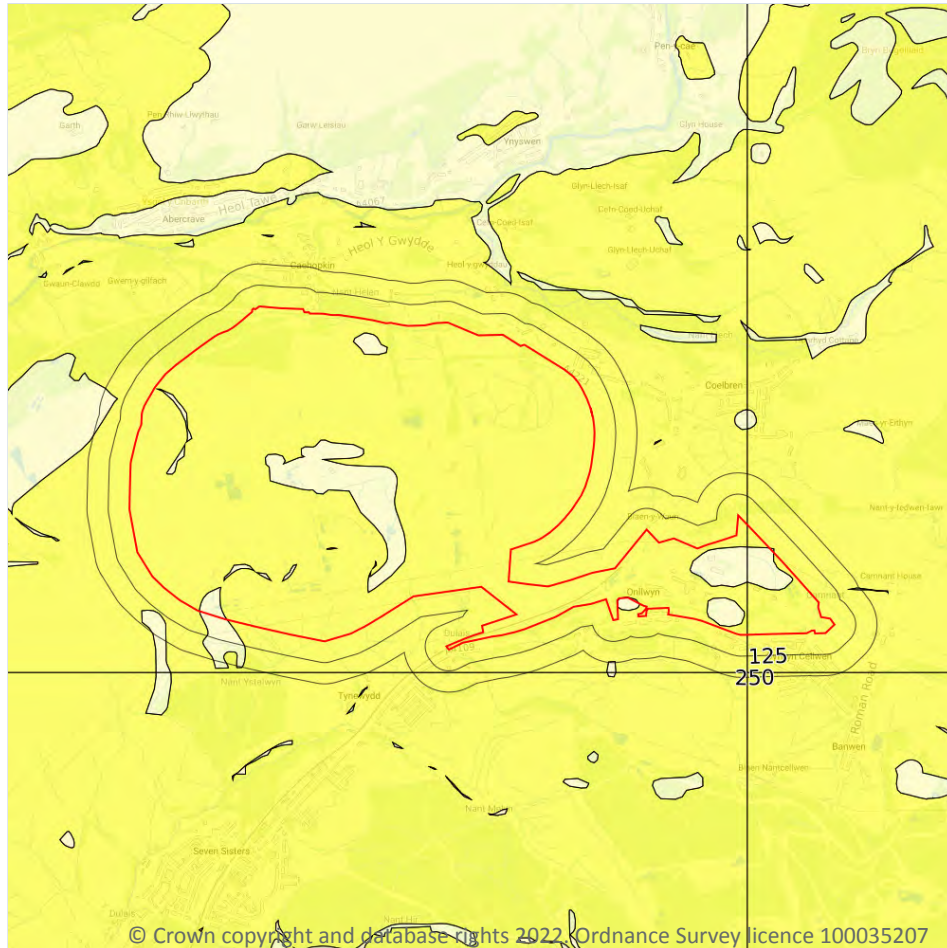


ID	Location	Grid reference	Name	Length	Confidential	Web link
18	76m NE	283620 212040	COELBEREN SEWER RELIEF TP 3	-	Y	N/A
G	92m S	283800 210200	DRYM PIT ONLLWYN	-2.0	N	258529
G	92m S	283800 210200	CROSS MEASURE DRIFT, ONLLWYN NO.1 COLLIERY	-2.0	N	258533
G	92m S	283800 210200	DRYM TRIAL PIT ONLLWYN	-2.0	N	258532
19	94m N	283180 212150	COELBEREN SEWER RELIEF TP 1	-	Y	N/A
20	121m NE	283430 212110	COELBEREN SEWER RELIEF TP 2	-	Y	N/A
21	125m S	285100 210100	CELLWN, 404	-2.0	N	258480
H	133m S	284073 210268	ONLLWYN TIP. ON1	24.38	N	258498
H	140m S	284070 210260	ONLLWYN TIP. ON1A	9.14	N	258499
22	157m W	283080 210200	YSTRADGYNLAIS-ONLLWYN ROAD 39	7.62	N	258495
23	219m SE	282990 210160	YSTRADGYNLAIS-ONLLWYN ROAD 38	7.62	N	258494
24	239m S	282700 209990	YSTRADGYNLAIS-ONLLWYN RD 37	7.77	N	258113
25	244m S	284560 210090	ONLLWYN TIP. ON4	15.54	N	258502

This data is sourced from the British Geological Survey.



17 Natural ground subsidence - Shrink swell clays



17.1 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).

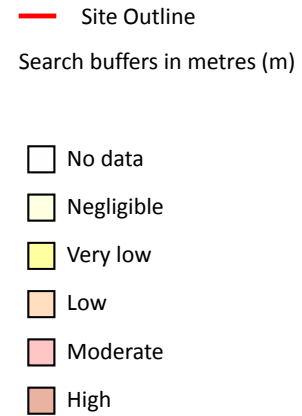
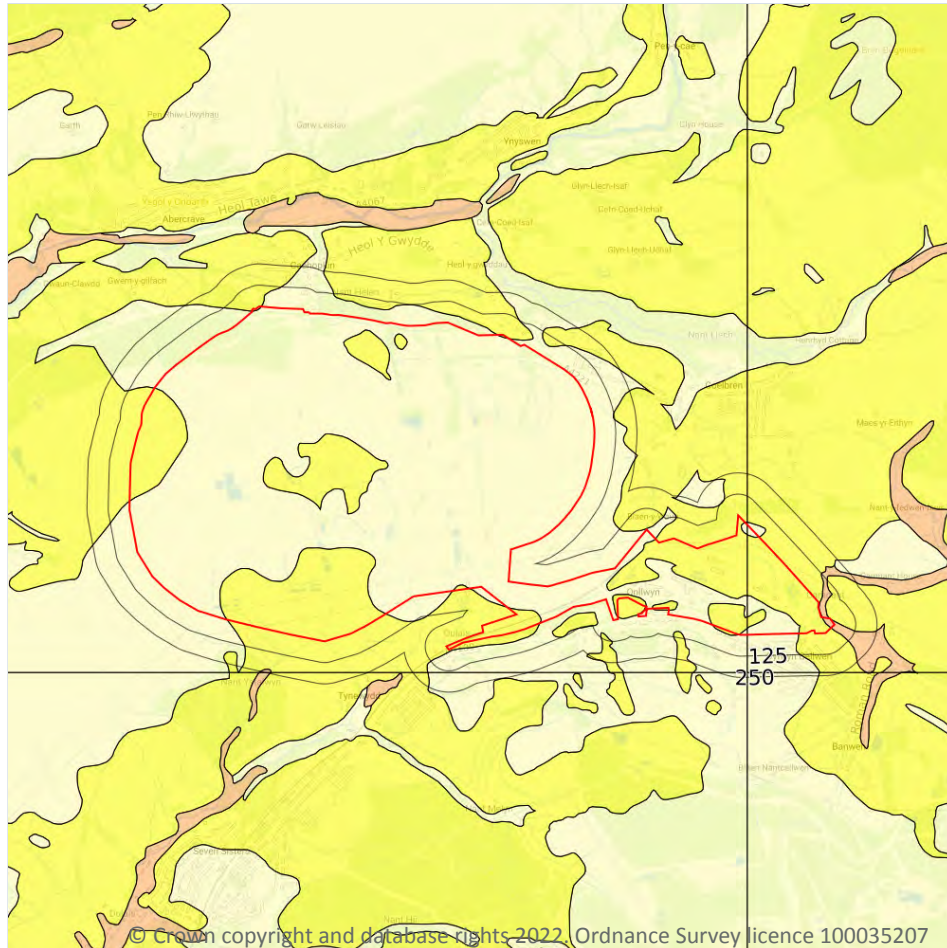
Features are displayed on the Natural ground subsidence - Shrink swell clays map on **page 266**

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

This data is sourced from the British Geological Survey.



Natural ground subsidence - Running sands



17.2 Running sands

Records within 50m

4

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 267**

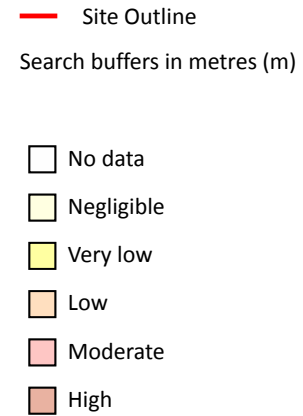
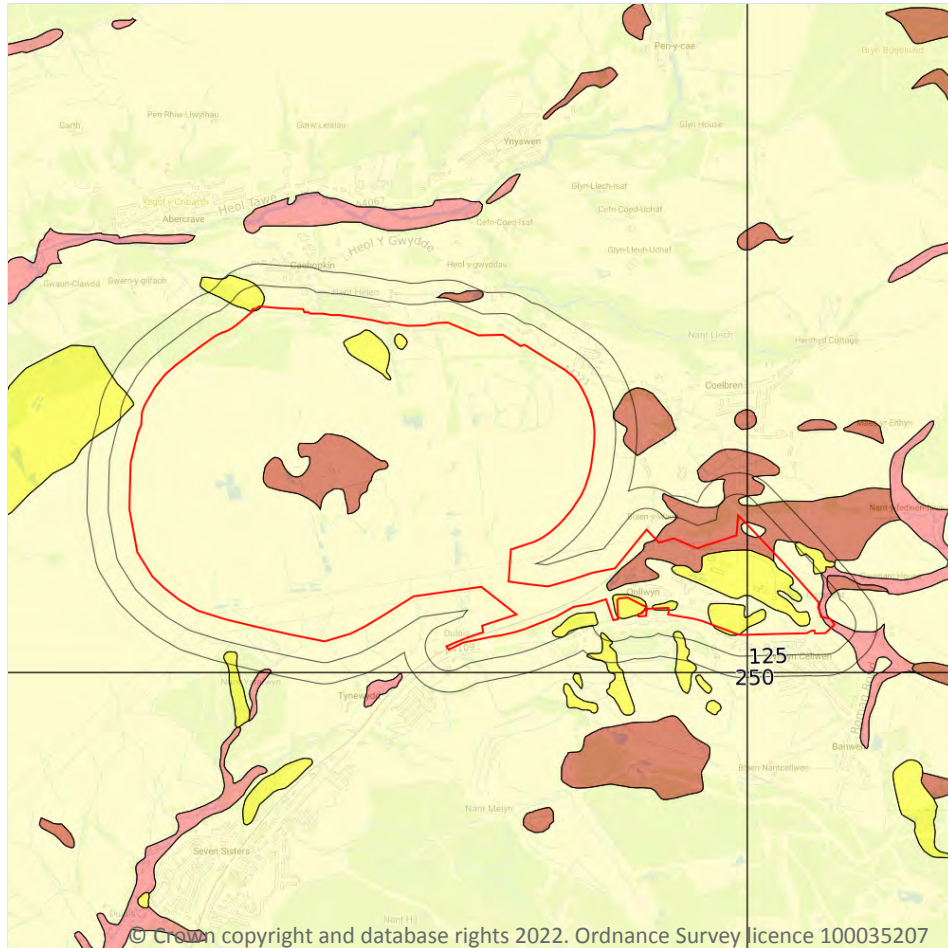
Location	Hazard rating	Details
On site	Negligible	Running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.

Location	Hazard rating	Details
On site	Very low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.
On site	Low	Running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.
42m SE	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



17.3 Compressible deposits

Records within 50m

5

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 269**

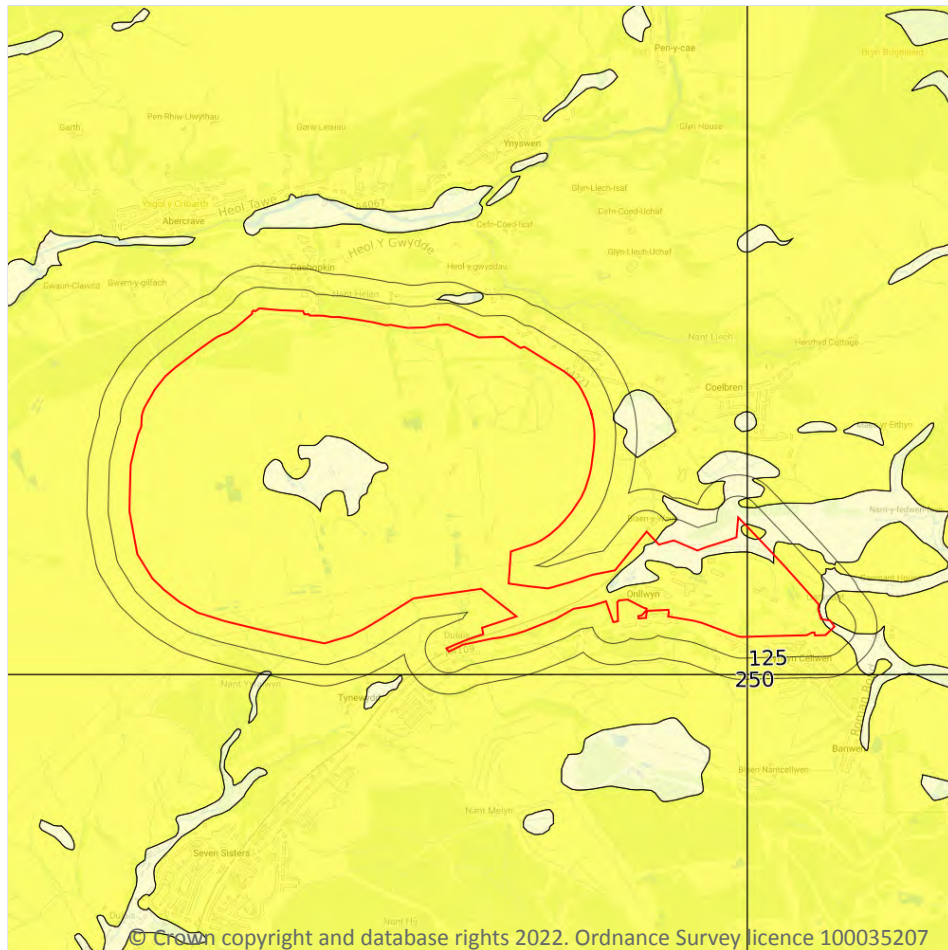
Location	Hazard rating	Details
On site	Negligible	Compressible strata are not thought to occur.
On site	Very low	Compressibility and uneven settlement problems are not likely to be significant on the site for most land uses.

Location	Hazard rating	Details
On site	Moderate	Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.
On site	High	Highly compressible strata present. Significant constraint on land use depending on thickness.
42m SE	Very low	Compressibility and uneven settlement problems are not likely to be significant on the site for most land uses.

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

17.4 Collapsible deposits

Records within 50m

2

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.

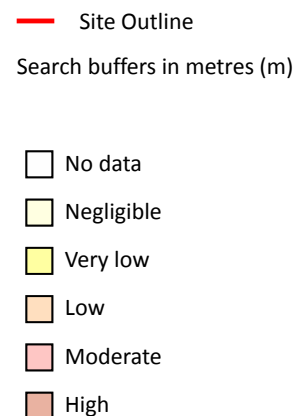
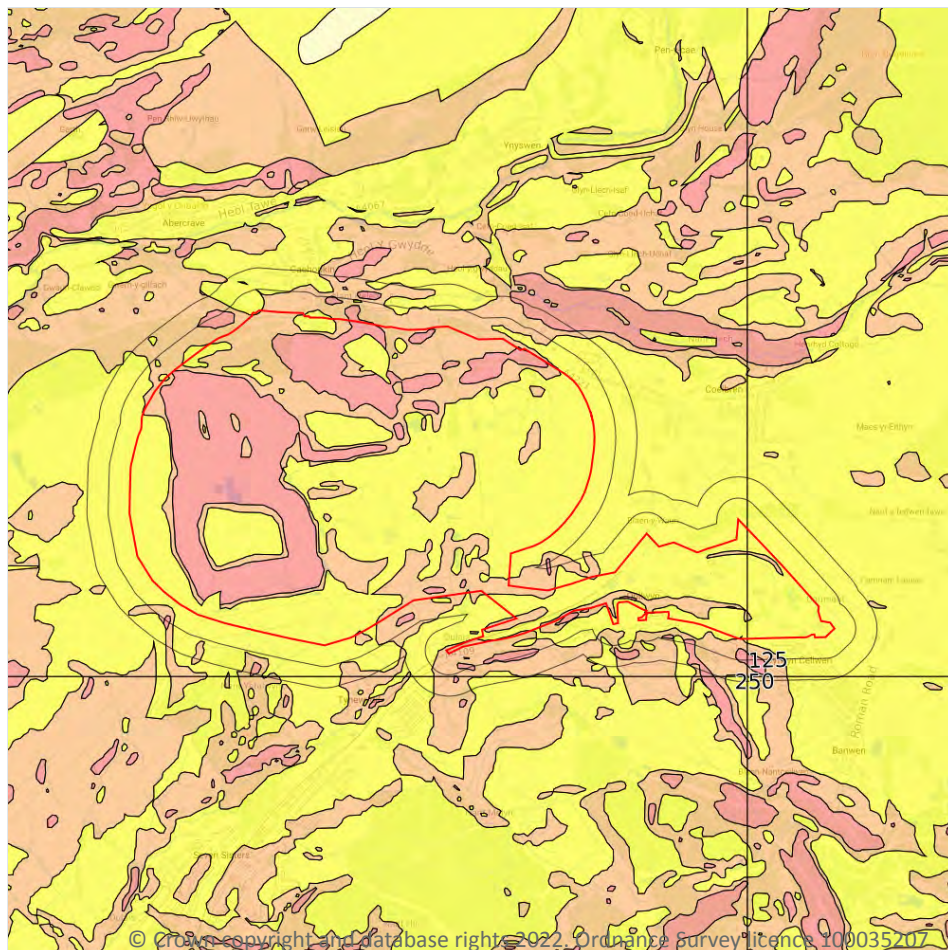
Features are displayed on the Natural ground subsidence - Collapsible deposits map on **page 271**

Location	Hazard rating	Details
On site	Negligible	Deposits with potential to collapse when loaded and saturated are believed not to be present.
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.



Natural ground subsidence - Landslides



17.5 Landslides

Records within 50m

9

The potential for landsliding (slope instability) to be a hazard assessed using 1:50,000 scale digital maps of superficial and bedrock deposits, combined with information from the BGS National Landslide Database and scientific and engineering reports.

Features are displayed on the Natural ground subsidence - Landslides map on **page 272**

Location	Hazard rating	Details
On site	Very low	Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.



Location	Hazard rating	Details
On site	Low	Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.
On site	Moderate	Slope instability problems are probably present or have occurred in the past. Land use should consider specifically the stability of the site.
4m S	Very low	Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.
23m W	Low	Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.
26m S	Low	Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.
39m NW	Moderate	Slope instability problems are probably present or have occurred in the past. Land use should consider specifically the stability of the site.
45m SE	Moderate	Slope instability problems are probably present or have occurred in the past. Land use should consider specifically the stability of the site.
47m SW	Low	Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.

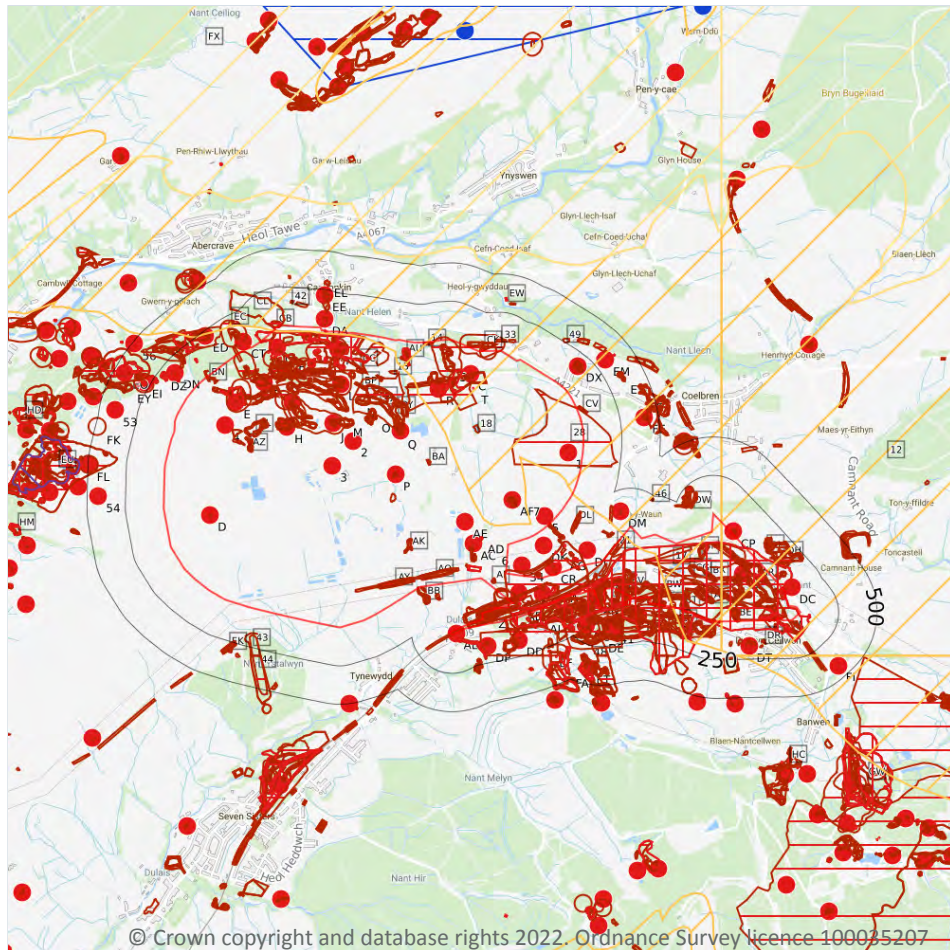
This data is sourced from the British Geological Survey.



This data is sourced from the British Geological Survey.



18 Mining, ground workings and natural cavities



- Site Outline
- Search buffers in metres (m)
- Natural cavities (Area)
- Natural cavities (Point)
- BritPits
- Surface ground workings
- Underground workings
- Historical Mineral Planning Areas
- Mining Cavities
- Non Coal Mining
- Sporadic underground mining of restricted extent possible
- Localised small scale underground mining possible
- Small scale mining possible
- Underground mining known or likely within or in close proximity
- Underground mining known within or in very close proximity

18.1 Natural cavities

Records within 500m

0

Industry recognised national database of natural cavities. Sinkholes and caves are formed by the dissolution of soluble rock, such as chalk and limestone, gulls and fissures by cambering. Ground instability can result from movement of loose material contained within these cavities, often triggered by water.

This data is sourced from Stantec UK Ltd.

18.2 BritPits

Records within 500m

111

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 276**

ID	Location	Details	Description
1	On site	Name: Nant Helen OCCS Address: Coelbren, NEATH, West Glamorgan Commodity: Coal, Surface Mined 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
2	On site	Name: Nant Helen OCCS Address: Coelbren, YSTRADGYNLAIS, Powys Commodity: Coal, Surface Mined 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
3	On site	Name: Nant Helen Extension Surface Coal Mine Address: YSTRADGYNLAIS, Powys Commodity: Coal, Surface Mined 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
4	On site	Name: Nant Helen OCCS Address: YSTRADGYNLAIS, Powys Commodity: Coal, Surface Mined 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
5	On site	Name: Onllwyn Level Address: Onllwyn, 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



ID	Location	Details	Description
6	On site	Name: Cwm Mawr Coal Workings Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep 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
7	On site	Name: Onllwyn Trial Shaft Address: Onllwyn, 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
8	On site	Name: Drym Colliery Address: Onllwyn, 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
B	On site	Name: Aber-craf Colliery Address: Abercraf, 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
B	On site	Name: Aber-craf Colliery Address: Abercraf, 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



ID	Location	Details	Description
C	On site	Name: Cefn Byrle OCCS Address: Cefn Byrle, Coelbren, ABERCRAF, Powys Commodity: Coal, Surface Mined 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	On site	Name: Hendre-ladis Address: Abercraf, SWANSEA, 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
E	On site	Name: Llwyn-llafrad Address: Abercraf, 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
E	On site	Name: Llwyn-llafrad Address: Abercraf, 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	On site	Name: Aber-cral Colliery Address: Abercraf, SWANSEA, 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	On site	Name: Aber-craf Colliery Address: Abercraf, 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
H	On site	Name: Aber-cral Colliery Address: Abercraf, SWANSEA, 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
I	On site	Name: Aber-cral Colliery Address: Abercraf, 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
J	On site	Name: Aber-cral Colliery Address: Abercraf, SWANSEA, 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
K	On site	Name: Aber-craf Colliery Address: Abercraf, 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



ID	Location	Details	Description
K	On site	Name: Aber-craf Colliery Address: Abercraf, 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
K	On site	Name: Abercrave Middle Main Address: Caehopkin, NEATH, Powys 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
K	On site	Name: Abercrave Black Drift Address: Caehopkin, NEATH, Powys 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
L	On site	Name: Aber-cral Colliery Address: Abercraf, SWANSEA, 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
M	On site	Name: Aber-cral Colliery Address: Abercraf, SWANSEA, 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
N	On site	Name: Aber-cral Colliery Address: Abercraf, SWANSEA, 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
O	On site	Name: Cefn-yr-erw Address: Abercraf, SWANSEA, 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
P	On site	Name: Cwm-mawr Address: Abercraf, SWANSEA, 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
Q	On site	Name: Cefn-yr-erw Address: Abercraf, SWANSEA, 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
R	On site	Name: Cefn-byrle Address: Abercraf, 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
R	On site	Name: Cefn-byrle Address: Abercraf, 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



ID	Location	Details	Description
S	On site	Name: Cefn-yr-erw Address: Coelbren, Abercraf, SWANSEA, 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
T	On site	Name: Glynllech Colliery Address: Abercraf, 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
U	On site	Name: Gors Llwyn Address: Dyffryn Cellwen, Glyn-Neath, 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
V	On site	Name: Gors Llwyn Address: Dyffryn Cellwen, Glyn-Neath, 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
W	On site	Name: Gors Llwyn Address: Dyffryn Cellwen, Glyn-Neath, 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



ID	Location	Details	Description
X	On site	Name: Drym Colliery Address: Onllwyn, 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
X	On site	Name: Drym Colliery Address: Onllwyn, 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
X	On site	Name: Drym Colliery Address: Onllwyn, 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
Y	On site	Name: Dulais Colliery Address: Onllwyn, 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
Z	On site	Name: Onllwyn Trial Pit Address: Onllwyn, 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



ID	Location	Details	Description
AA	On site	Name: Onllwyn Slope Address: Onllwyn, 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
AB	On site	Name: Onllwyn Shaft Address: Onllwyn, 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
AC	On site	Name: Cwm Mawr Level Address: Onllwyn, 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
AD	On site	Name: Cwm Mawr Level Address: Onllwyn, 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
AD	On site	Name: Cwm Mawr Level Address: Onllwyn, 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



ID	Location	Details	Description
AD	On site	Name: Cwm Mawr Level Address: Onllwyn, 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
AE	On site	Name: Cwm Mawr Level Address: Onllwyn, 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
AE	On site	Name: Cwm Mawr Air Shaft Address: Onllwyn, 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
AF	On site	Name: Onllwyn Slope Address: Onllwyn, 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
AL	1m SE	Name: Halfway House Address: Onllwyn, 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



ID	Location	Details	Description
W	9m SE	Name: Gors Llwyn Address: Dyffryn Cellwen, Glyn-Neath, 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
AN	11m W	Name: Onllwyn Colliery, No. 1 Drift Address: Onllwyn, 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
CP	13m NE	Name: Gors Llwyn Address: Dyffryn Cellwen, Glyn-Neath, 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
AJ	43m S	Name: Onllwyn Trial Drift Address: Onllwyn, 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
W	47m S	Name: Gors Llwyn Address: Dyffryn Cellwen, Glyn-Neath, 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



ID	Location	Details	Description
CR	47m N	Name: Onllwyn Level Address: Onllwyn, 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
AJ	47m S	Name: Onllwyn Level Address: Onllwyn, 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
DC	50m NE	Name: Llwyn-pica Address: Dyffryn Cellwen, Glyn-Neath, 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
CT	53m NW	Name: Llwyn-llafrad Address: Abercraf, 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
AN	59m W	Name: Onllwyn Colliery Address: Onllwyn, 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



ID	Location	Details	Description
DA	59m NE	Name: Cae-Hopkin Address: Abercraf, 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
AJ	65m S	Name: Onllwyn Colliery Fan Drift Address: Onllwyn, 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
34	68m N	Name: Onllwyn OCCS Address: Onllwyn, Seven Sisters, NEATH, West Glamorgan Commodity: Coal, Surface Mined 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
AJ	89m S	Name: Onllwyn Level Address: Onllwyn, 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
DK	90m SE	Name: Onllwyn Clay Pit Address: Onllwyn, NEATH, West Glamorgan Commodity: Clay & Shale 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



ID	Location	Details	Description
DI	90m N	Name: Halfway House Address: Onllwyn, 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
BC	91m SE	Name: Rhos-y-gelynen Quarries Address: Onllwyn, 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
BC	97m S	Name: Rhos-y-gelynen Level Address: Onllwyn, 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
BC	101m S	Name: Rhos-y-gelynen Quarries Address: Onllwyn, 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
BC	101m S	Name: Rhos-y-gelynen Quarries Address: Onllwyn, 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
AJ	103m S	Name: Onllwyn Pit Address: Onllwyn, 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
AG	111m N	Name: Onllwyn Pit Address: Onllwyn, 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
DM	119m NW	Name: Onllwyn Gravel Pit Address: Onllwyn, NEATH, West Glamorgan Commodity: Sand & Gravel 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
41	139m S	Name: Onllwyn Inn Quarry Address: Onllwyn, 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
DU	140m SW	Name: Onllwyn Pit Address: Onllwyn, 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



ID	Location	Details	Description
DP	142m S	Name: Onllwyn Four Feet Address: Onllwyn, NEATH, Neath Port Talbot 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
DD	143m S	Name: Onllwyn Air Shaft Address: Onllwyn, 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
DN	161m NW	Name: Llwyn-llafrad Address: Ystradgynlais, SWANSEA, West Glamorgan Commodity: Ironstone 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
DT	164m S	Name: Gors Llwyn Address: Dyffryn Cellwen, Glyn-Neath, 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
DX	170m NE	Name: Cefn-y-byrle Address: Coelbren, NEATH, West Glamorgan Commodity: Ironstone 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
DE	183m S	Name: Onllwyn Inn Quarry Address: Onllwyn, 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
DU	187m SE	Name: Onllwyn Level Address: Onllwyn, 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
DU	189m SW	Name: Onllwyn Level Address: Onllwyn, 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
DU	207m SE	Name: Onllwyn Quarry Address: Onllwyn, 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
EE	210m N	Name: Cae-Hopkin Address: Abercraf, SWANSEA, 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
DZ	215m NW	Name: Llwyn-Ilafrad Address: Ystradgynlais, SWANSEA, West Glamorgan Commodity: Ironstone 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
ED	220m NW	Name: Llwyn-Ilafrad Address: Abercraf, SWANSEA, 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
48	227m SW	Name: Onllwyn Level Address: Onllwyn, 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
EE	240m N	Name: Cae-Hopkin Address: Abercraf, SWANSEA, 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
EF	284m S	Name: Onllwyn Level Address: Onllwyn, 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



ID	Location	Details	Description
EI	291m NW	Name: Llwyn-llafrad Address: Ystradgynlais, SWANSEA, West Glamorgan Commodity: Ironstone 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
EL	304m N	Name: Ty-mawr Address: Abercraf, SWANSEA, 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
EF	307m S	Name: Onllwyn Air Shaft Address: Onllwyn, 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
EM	323m NE	Name: Cefn-y-byrle Ironstone Pit Address: Coelbren, NEATH, West Glamorgan Commodity: Ironstone 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
EX	356m NE	Name: Cefn-y-byrle Address: Coelbren, NEATH, West Glamorgan Commodity: Ironstone 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
EY	358m NW	Name: Gwaun-ton Address: Ystradgynlais, SWANSEA, 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
EI	360m NW	Name: Gwaun-y-clawdd Address: Ystradgynlais, SWANSEA, 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
53	395m W	Name: Gwaunton OCCS Address: ABERCRAF, Powys Commodity: Coal, Surface Mined 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
ET	396m S	Name: Onllwyn Level Address: Onllwyn, 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
FE	409m E	Name: Pen-y-graig Address: Coelbren, NEATH, West Glamorgan Commodity: Ironstone 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
FI	420m SE	Name: Coedcae Address: Dyffryn Cellwen, Glyn-Neath, 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



ID	Location	Details	Description
54	426m W	Name: Nant Helen Remainder Surface Coal Mine Address: YSTRADGYNLAIS, Powys Commodity: Coal, Surface Mined Status: Active	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which is actively extracting mineral products, or in the case of wharfs and rail depots, is actively handing minerals
EO	432m NW	Name: Gwaun-ton Address: Ystradgynlais, SWANSEA, 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
FH	435m E	Name: Pen-y-graig Address: Coelbren, NEATH, West Glamorgan Commodity: Ironstone 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
FA	449m S	Name: Onllwyn Level Address: Onllwyn, 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
FK	473m W	Name: Gwaun-ton Address: Ystradgynlais, 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
56	486m NW	Name: Gwaun-ton Address: Ystradgynlais, 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



ID	Location	Details	Description
ET	490m S	Name: Onllwyn Level Address: Onllwyn, 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
EY	491m NW	Name: Gwaun-ton Address: Ystradgynlais, SWANSEA, 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
FL	492m W	Name: Hendre-ladis Address: Ystradgynlais, SWANSEA, West Glamorgan Commodity: Ironstone 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.

18.3 Surface ground workings

Records within 250m	1304
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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 276**

ID	Location	Land Use	Year of mapping	Mapping scale
9	On site	Unspecified Pit	1877	1:10560
10	On site	Unspecified Ground Workings	1877	1:10560
11	On site	Refuse Heap	1903	1:10560
13	On site	Unspecified Ground Workings	1903	1:10560
14	On site	Cuttings	1877	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
15	On site	Cuttings	1877	1:10560
16	On site	Refuse Heap	1948	1:10560
17	On site	Refuse Heap	1948	1:10560
18	On site	Pond	1987	1:10000
19	On site	Ponds	1987	1:10000
20	On site	Pond	1901	1:10560
21	On site	Cuttings	1877	1:10560
22	On site	Cuttings	1877	1:10560
23	On site	Cuttings	1877	1:10560
24	On site	Unspecified Level	1903	1:10560
25	On site	Unspecified Ground Workings	1962	1:10560
26	On site	Unspecified Pit	1962	1:10560
27	On site	Unspecified Ground Workings	1965	1:10560
28	On site	Unspecified Disused Workings	1987	1:10000
A	On site	Cuttings	1877	1:10560
B	On site	Unspecified Ground Workings	1948	1:10560
B	On site	Unspecified Ground Workings	1948	1:10560
B	On site	Unspecified Ground Workings	1948	1:10560
B	On site	Unspecified Pit	1948	1:10560
B	On site	Unspecified Pit	1903	1:10560
B	On site	Unspecified Pit	1903	1:10560
B	On site	Unspecified Pit	1903	1:10560
B	On site	Unspecified Pit	1903	1:10560
B	On site	Old Coal Level	1877	1:10560
B	On site	Old Coal Level	1877	1:10560
B	On site	Unspecified Pit	1877	1:10560
B	On site	Reservoir	1903	1:10560
B	On site	Unspecified Old Level	1948	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
B	On site	Unspecified Heap	1948	1:10560
B	On site	Unspecified Heap	1948	1:10560
B	On site	Unspecified Old Levels	1948	1:10560
B	On site	Unspecified Heap	1903	1:10560
B	On site	Unspecified Heap	1903	1:10560
B	On site	Unspecified Heaps	1903	1:10560
B	On site	Unspecified Heap	1903	1:10560
B	On site	Unspecified Heap	1903	1:10560
B	On site	Unspecified Heap	1903	1:10560
B	On site	Unspecified Heaps	1903	1:10560
B	On site	Unspecified Heap	1903	1:10560
B	On site	Unspecified Heaps	1877	1:10560
B	On site	Unspecified Heaps	1877	1:10560
B	On site	Unspecified Heaps	1877	1:10560
B	On site	Unspecified Heap	1877	1:10560
B	On site	Coal Levels	1877	1:10560
B	On site	Coal Levels	1877	1:10560
B	On site	Unspecified Old Levels	1921	1:10560
B	On site	Unspecified Old Levels	1921	1:10560
B	On site	Unspecified Old Levels	1921	1:10560
B	On site	Unspecified Old Levels	1921	1:10560
B	On site	Unspecified Old Levels	1921	1:10560
B	On site	Unspecified Heap	1921	1:10560
B	On site	Unspecified Ground Workings	1921	1:10560
B	On site	Unspecified Heaps	1921	1:10560
B	On site	Unspecified Pit	1921	1:10560
B	On site	Unspecified Heap	1921	1:10560
B	On site	Unspecified Ground Workings	1921	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
B	On site	Unspecified Ground Workings	1921	1:10560
B	On site	Unspecified Ground Workings	1921	1:10560
B	On site	Unspecified Ground Workings	1921	1:10560
B	On site	Unspecified Old Level	1921	1:10560
B	On site	Unspecified Old Quarries	1877	1:10560
B	On site	Unspecified Old Levels	1921	1:10560
B	On site	Unspecified Old Levels	1921	1:10560
B	On site	Unspecified Old Levels	1921	1:10560
B	On site	Unspecified Old Levels	1921	1:10560
B	On site	Unspecified Old Levels	1921	1:10560
B	On site	Unspecified Heap	1921	1:10560
B	On site	Unspecified Ground Workings	1921	1:10560
B	On site	Unspecified Heaps	1921	1:10560
B	On site	Unspecified Pit	1921	1:10560
B	On site	Unspecified Heap	1921	1:10560
B	On site	Unspecified Ground Workings	1921	1:10560
B	On site	Unspecified Ground Workings	1921	1:10560
B	On site	Unspecified Ground Workings	1921	1:10560
B	On site	Unspecified Ground Workings	1921	1:10560
B	On site	Unspecified Old Level	1921	1:10560
B	On site	Unspecified Ground Workings	1948	1:10560
B	On site	Unspecified Pit	1948	1:10560
B	On site	Unspecified Old Levels	1948	1:10560
B	On site	Unspecified Old Levels	1948	1:10560
B	On site	Unspecified Old Level	1903	1:10560
B	On site	Unspecified Heaps	1877	1:10560
B	On site	Unspecified Old Drift	1877	1:10560
B	On site	Unspecified Disused Level	1965	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
B	On site	Unspecified Disused Levels	1965	1:10560
B	On site	Unspecified Disused Levels	1965	1:10560
B	On site	Unspecified Disused Levels	1965	1:10560
B	On site	Unspecified Disused Levels	1965	1:10560
B	On site	Unspecified Heap	1965	1:10560
B	On site	Unspecified Heap	1965	1:10560
B	On site	Unspecified Heaps	1965	1:10560
B	On site	Unspecified Heaps	1965	1:10560
B	On site	Unspecified Heap	1965	1:10560
B	On site	Unspecified Ground Workings	1965	1:10560
B	On site	Unspecified Ground Workings	1965	1:10560
B	On site	Unspecified Pit	1965	1:10560
B	On site	Unspecified Pit	1965	1:10560
B	On site	Unspecified Ground Workings	1965	1:10560
B	On site	Unspecified Ground Workings	1965	1:10560
B	On site	Unspecified Ground Workings	1965	1:10560
B	On site	Unspecified Ground Workings	1965	1:10560
B	On site	Unspecified Old Quarry	1877	1:10560
B	On site	Unspecified Old Levels	1921	1:10560
B	On site	Unspecified Ground Workings	1921	1:10560
B	On site	Unspecified Ground Workings	1921	1:10560
B	On site	Unspecified Old Levels	1921	1:10560
B	On site	Unspecified Old Level	1921	1:10560
B	On site	Unspecified Ground Workings	1921	1:10560
B	On site	Unspecified Ground Workings	1921	1:10560
B	On site	Unspecified Ground Workings	1921	1:10560
B	On site	Unspecified Ground Workings	1921	1:10560
B	On site	Unspecified Ground Workings	1921	1:10560
B	On site	Unspecified Ground Workings	1921	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
B	On site	Unspecified Pit	1921	1:10560
B	On site	Unspecified Heap	1921	1:10560
B	On site	Unspecified Ground Workings	1914	1:10560
B	On site	Unspecified Ground Workings	1914	1:10560
B	On site	Unspecified Pit	1914	1:10560
B	On site	Unspecified Ground Workings	1914	1:10560
B	On site	Unspecified Ground Workings	1914	1:10560
B	On site	Unspecified Old Level	1914	1:10560
B	On site	Unspecified Old Level	1914	1:10560
B	On site	Unspecified Old Level	1914	1:10560
B	On site	Unspecified Heaps	1914	1:10560
B	On site	Unspecified Ground Workings	1914	1:10560
B	On site	Unspecified Old Level	1914	1:10560
C	On site	Unspecified Heap	1948	1:10560
C	On site	Colliery	1921	1:10560
C	On site	Colliery	1921	1:10560
C	On site	Unspecified Heap	1965	1:10560
D	On site	Unspecified Old Quarry	1877	1:10560
E	On site	Unspecified Ground Workings	1948	1:10560
E	On site	Unspecified Ground Workings	1903	1:10560
E	On site	Old Coal Level	1877	1:10560
E	On site	Old Coal Level	1877	1:10560
E	On site	Unspecified Pit	1877	1:10560
E	On site	Unspecified Pit	1877	1:10560
E	On site	Unspecified Old Quarry	1877	1:10560
E	On site	Unspecified Old Levels	1903	1:10560
E	On site	Unspecified Old Levels	1903	1:10560
E	On site	Unspecified Heap	1903	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
E	On site	Unspecified Heap	1877	1:10560
E	On site	Old Coal Levels	1921	1:10560
E	On site	Old Coal Levels	1921	1:10560
E	On site	Old Coal Levels	1948	1:10560
E	On site	Unspecified Disused Levels	1965	1:10560
E	On site	Unspecified Ground Workings	1965	1:10560
E	On site	Unspecified Ground Workings	1965	1:10560
E	On site	Old Coal Levels	1921	1:10560
E	On site	Old Coal Levels	1921	1:10560
E	On site	Unspecified Ground Workings	1921	1:10560
E	On site	Old Coal Levels	1914	1:10560
E	On site	Unspecified Ground Workings	1914	1:10560
F	On site	Unspecified Pit	1948	1:10560
F	On site	Unspecified Pit	1903	1:10560
F	On site	Unspecified Old Quarry	1877	1:10560
F	On site	Unspecified Heap	1948	1:10560
F	On site	Unspecified Heap	1903	1:10560
F	On site	Unspecified Ground Workings	1921	1:10560
F	On site	Unspecified Ground Workings	1921	1:10560
F	On site	Unspecified Heap	1965	1:10560
F	On site	Unspecified Pit	1965	1:10560
F	On site	Unspecified Ground Workings	1921	1:10560
F	On site	Unspecified Ground Workings	1914	1:10560
G	On site	Unspecified Old Level	1921	1:10560
G	On site	Unspecified Old Level	1921	1:10560
H	On site	Unspecified Ground Workings	1948	1:10560
H	On site	Unspecified Ground Workings	1903	1:10560
H	On site	Unspecified Old Quarry	1877	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
H	On site	Ponds	1965	1:10560
H	On site	Unspecified Ground Workings	1921	1:10560
H	On site	Unspecified Ground Workings	1921	1:10560
H	On site	Unspecified Heaps	1965	1:10560
H	On site	Unspecified Ground Workings	1921	1:10560
H	On site	Unspecified Ground Workings	1914	1:10560
I	On site	Unspecified Ground Workings	1948	1:10560
I	On site	Unspecified Ground Workings	1903	1:10560
I	On site	Unspecified Ground Workings	1921	1:10560
I	On site	Unspecified Ground Workings	1921	1:10560
I	On site	Coal Level	1877	1:10560
I	On site	Unspecified Heaps	1965	1:10560
I	On site	Unspecified Ground Workings	1921	1:10560
I	On site	Unspecified Ground Workings	1914	1:10560
J	On site	Unspecified Pit	1903	1:10560
J	On site	Pond	1965	1:10560
J	On site	Pond	1987	1:10000
K	On site	Unspecified Ground Workings	1948	1:10560
K	On site	Old Coal Level	1877	1:10560
K	On site	Unspecified Drift	1948	1:10560
K	On site	Unspecified Drift	1948	1:10560
K	On site	Unspecified Drift	1903	1:10560
K	On site	Unspecified Drift	1903	1:10560
K	On site	Unspecified Heap	1948	1:10560
K	On site	Unspecified Heap	1948	1:10560
K	On site	Colliery	1948	1:10560
K	On site	Unspecified Old Levels	1903	1:10560
K	On site	Colliery	1903	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
K	On site	Unspecified Old Levels	1903	1:10560
K	On site	Colliery	1877	1:10560
K	On site	Colliery	1921	1:10560
K	On site	Unspecified Ground Workings	1921	1:10560
K	On site	Unspecified Heap	1921	1:10560
K	On site	Refuse Heap	1921	1:10560
K	On site	Unspecified Heap	1921	1:10560
K	On site	Unspecified Heap	1921	1:10560
K	On site	Unspecified Drift	1921	1:10560
K	On site	Unspecified Drift	1921	1:10560
K	On site	Colliery	1921	1:10560
K	On site	Unspecified Drift	1921	1:10560
K	On site	Unspecified Ground Workings	1921	1:10560
K	On site	Unspecified Heap	1921	1:10560
K	On site	Refuse Heap	1921	1:10560
K	On site	Unspecified Heap	1921	1:10560
K	On site	Unspecified Heap	1921	1:10560
K	On site	Coal Drift	1877	1:10560
K	On site	Unspecified Heap	1965	1:10560
K	On site	Unspecified Heaps	1965	1:10560
K	On site	Unspecified Drift	1921	1:10560
K	On site	Unspecified Old Level	1921	1:10560
K	On site	Unspecified Drift	1921	1:10560
K	On site	Unspecified Ground Workings	1921	1:10560
K	On site	Unspecified Ground Workings	1921	1:10560
K	On site	Refuse Heap	1921	1:10560
K	On site	Colliery	1921	1:10560
K	On site	Unspecified Heap	1921	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
K	On site	Colliery	1914	1:10560
K	On site	Unspecified Heap	1914	1:10560
K	On site	Unspecified Drift	1914	1:10560
K	On site	Unspecified Drift	1914	1:10560
K	On site	Unspecified Ground Workings	1914	1:10560
K	On site	Unspecified Ground Workings	1914	1:10560
K	On site	Unspecified Old Level	1914	1:10560
L	On site	Unspecified Heap	1948	1:10560
L	On site	Unspecified Heap	1948	1:10560
L	On site	Unspecified Heap	1965	1:10560
L	On site	Unspecified Heaps	1965	1:10560
L	On site	Unspecified Pit	1965	1:10560
L	On site	Unspecified Heaps	1921	1:10560
L	On site	Unspecified Ground Workings	1914	1:10560
L	On site	Unspecified Heap	1914	1:10560
M	On site	Unspecified Ground Workings	1948	1:10560
M	On site	Unspecified Ground Workings	1903	1:10560
M	On site	Unspecified Old Quarry	1877	1:10560
M	On site	Pond	1965	1:10560
M	On site	Unspecified Ground Workings	1921	1:10560
M	On site	Unspecified Ground Workings	1921	1:10560
M	On site	Unspecified Heap	1965	1:10560
M	On site	Unspecified Ground Workings	1921	1:10560
M	On site	Unspecified Ground Workings	1914	1:10560
N	On site	Unspecified Pit	1948	1:10560
N	On site	Unspecified Pit	1903	1:10560
N	On site	Unspecified Ground Workings	1965	1:10560
O	On site	Unspecified Ground Workings	1948	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
O	On site	Unspecified Pit	1948	1:10560
O	On site	Unspecified Ground Workings	1903	1:10560
O	On site	Unspecified Pit	1903	1:10560
O	On site	Unspecified Old Quarry	1877	1:10560
O	On site	Unspecified Heap	1948	1:10560
O	On site	Unspecified Heap	1903	1:10560
O	On site	Unspecified Ground Workings	1921	1:10560
O	On site	Unspecified Ground Workings	1921	1:10560
O	On site	Unspecified Heaps	1965	1:10560
O	On site	Unspecified Ground Workings	1921	1:10560
O	On site	Unspecified Ground Workings	1914	1:10560
P	On site	Unspecified Old Quarries	1877	1:10560
Q	On site	Unspecified Pit	1948	1:10560
Q	On site	Unspecified Pit	1903	1:10560
Q	On site	Unspecified Ground Workings	1965	1:10560
R	On site	Unspecified Pit	1948	1:10560
R	On site	Unspecified Ground Workings	1903	1:10560
R	On site	Old Coal Levels	1948	1:10560
R	On site	Unspecified Heaps	1948	1:10560
R	On site	Unspecified Heap	1948	1:10560
R	On site	Refuse Heap	1948	1:10560
R	On site	Unspecified Heap	1948	1:10560
R	On site	Colliery	1948	1:10560
R	On site	Unspecified Heap	1903	1:10560
R	On site	Unspecified Old Levels	1903	1:10560
R	On site	Unspecified Old Level	1903	1:10560
R	On site	Unspecified Heap	1877	1:10560
R	On site	Old Coal Levels	1921	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
R	On site	Old Coal Levels	1921	1:10560
R	On site	Old Coal Levels	1921	1:10560
R	On site	Old Coal Levels	1921	1:10560
R	On site	Old Coal Levels	1921	1:10560
R	On site	Refuse Heap	1921	1:10560
R	On site	Old Coal Levels	1921	1:10560
R	On site	Old Coal Levels	1921	1:10560
R	On site	Old Coal Levels	1921	1:10560
R	On site	Old Coal Levels	1921	1:10560
R	On site	Old Coal Levels	1921	1:10560
R	On site	Refuse Heap	1921	1:10560
R	On site	Unspecified Disused Levels	1965	1:10560
R	On site	Unspecified Disused Levels	1965	1:10560
R	On site	Unspecified Heaps	1965	1:10560
R	On site	Unspecified Heap	1965	1:10560
R	On site	Unspecified Disused Drift	1987	1:10000
R	On site	Unspecified Disused Levels	1987	1:10000
R	On site	Unspecified Disused Levels	1987	1:10000
R	On site	Old Coal Levels	1921	1:10560
R	On site	Old Coal Levels	1921	1:10560
R	On site	Unspecified Heap	1921	1:10560
R	On site	Unspecified Ground Workings	1921	1:10560
R	On site	Unspecified Ground Workings	1921	1:10560
R	On site	Colliery	1921	1:10560
R	On site	Unspecified Heap	1921	1:10560
R	On site	Unspecified Ground Workings	1914	1:10560
R	On site	Unspecified Heap	1914	1:10560
R	On site	Colliery	1914	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
R	On site	Old Coal Levels	1914	1:10560
R	On site	Old Coal Levels	1914	1:10560
R	On site	Old Coal Levels	1914	1:10560
S	On site	Unspecified Old Quarry	1877	1:10560
S	On site	Unspecified Heaps	1903	1:10560
S	On site	Unspecified Ground Workings	1921	1:10560
S	On site	Unspecified Ground Workings	1921	1:10560
S	On site	Unspecified Heaps	1948	1:10560
S	On site	Unspecified Heap	1965	1:10560
S	On site	Unspecified Heap	1965	1:10560
S	On site	Unspecified Pit	1965	1:10560
S	On site	Unspecified Pit	1965	1:10560
S	On site	Unspecified Pit	1965	1:10560
S	On site	Unspecified Pit	1987	1:10000
S	On site	Unspecified Ground Workings	1921	1:10560
S	On site	Unspecified Ground Workings	1914	1:10560
U	On site	Unspecified Pit	1903	1:10560
U	On site	Unspecified Pit	1877	1:10560
U	On site	Old Coal Level	1900	1:10560
U	On site	Old Coal Level	1921	1:10560
U	On site	Old Coal Level	1921	1:10560
U	On site	Unspecified Pit	1921	1:10560
U	On site	Old Coal Level	1921	1:10560
V	On site	Unspecified Pit	1948	1:10560
V	On site	Unspecified Ground Workings	1877	1:10560
V	On site	Unspecified Ground Workings	1921	1:10560
V	On site	Unspecified Old Quarries	1903	1:10560
V	On site	Unspecified Ground Workings	1921	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
V	On site	Unspecified Old Quarries	1900	1:10560
V	On site	Unspecified Ground Workings	1962	1:10560
V	On site	Unspecified Ground Workings	1921	1:10560
V	On site	Unspecified Ground Workings	1921	1:10560
W	On site	Unspecified Pit	1948	1:10560
W	On site	Unspecified Ground Workings	1948	1:10560
W	On site	Old Coal Level	1903	1:10560
W	On site	Old Coal Pit	1903	1:10560
W	On site	Unspecified Pit	1877	1:10560
W	On site	Unspecified Pit	1877	1:10560
W	On site	Old Coal Level	1900	1:10560
W	On site	Old Coal Level	1921	1:10560
W	On site	Unspecified Ground Workings	1921	1:10560
W	On site	Old Coal Level	1921	1:10560
W	On site	Unspecified Ground Workings	1921	1:10560
W	On site	Unspecified Ground Workings	1962	1:10560
W	On site	Unspecified Ground Workings	1962	1:10560
W	On site	Refuse Heap	1977	1:10000
W	On site	Unspecified Ground Workings	1921	1:10560
W	On site	Old Coal Level	1921	1:10560
W	On site	Old Coal Level	1921	1:10560
W	On site	Unspecified Ground Workings	1921	1:10560
X	On site	Old Coal Pit	1901	1:10560
X	On site	Unspecified Slant	1921	1:10560
X	On site	Refuse Heap	1921	1:10560
X	On site	Unspecified Heap	1921	1:10560
X	On site	Unspecified Slant	1921	1:10560
X	On site	Refuse Heap	1921	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
X	On site	Unspecified Heap	1921	1:10560
X	On site	Unspecified Disused Level	1965	1:10560
X	On site	Unspecified Disused Level	1987	1:10000
X	On site	Unspecified Heap	1921	1:10560
X	On site	Unspecified Heap	1948	1:10560
X	On site	Unspecified Slant	1948	1:10560
X	On site	Refuse Heap	1948	1:10560
X	On site	Unspecified Heap	1877	1:10560
X	On site	Old Coal Pit	1877	1:10560
Y	On site	Unspecified Disused Level	1987	1:10000
Z	On site	Refuse Heap	1921	1:10560
Z	On site	Refuse Heap	1921	1:10560
Z	On site	Unspecified Heaps	1965	1:10560
Z	On site	Unspecified Heaps	1987	1:10000
Z	On site	Refuse Heap	1921	1:10560
Z	On site	Refuse Heap	1921	1:10560
Z	On site	Refuse Heap	1914	1:10560
Z	On site	Refuse Heap	1914	1:10560
Z	On site	Refuse Heap	1948	1:10560
AA	On site	Refuse Heap	1948	1:10560
AB	On site	Colliery	1921	1:10560
BA	On site	Pond	1901	1:10560
AB	On site	Colliery	1921	1:10560
AB	On site	Unspecified Disused Level	1965	1:10560
AB	On site	Colliery	1921	1:10560
AB	On site	Colliery	1921	1:10560
BA	On site	Pond	1914	1:10560
AB	On site	Refuse Heap	1914	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
AB	On site	Colliery	1914	1:10560
BA	On site	Pond	1914	1:10560
AB	On site	Refuse Heap	1914	1:10560
AB	On site	Colliery	1914	1:10560
AB	On site	Unspecified Ground Workings	1948	1:10560
AB	On site	Unspecified Heap	1903	1:10560
CA	On site	Pond	1876	1:10560
AC	On site	Old Coal Level	1921	1:10560
AC	On site	Unspecified Heap	1921	1:10560
AC	On site	Unspecified Heap	1921	1:10560
CA	On site	Pond	1901	1:10560
AC	On site	Old Coal Level	1921	1:10560
AC	On site	Unspecified Heap	1921	1:10560
AC	On site	Unspecified Heap	1921	1:10560
CA	On site	Pond	1903	1:10560
CA	On site	Pond	1877	1:10560
AC	On site	Unspecified Ground Workings	1965	1:10560
AC	On site	Unspecified Ground Workings	1987	1:10000
AC	On site	Old Coal Level	1921	1:10560
AC	On site	Unspecified Heap	1921	1:10560
AC	On site	Unspecified Heap	1921	1:10560
AC	On site	Old Coal Level	1921	1:10560
BB	On site	Unspecified Ground Workings	1914	1:10560
BB	On site	Unspecified Ground Workings	1914	1:10560
AC	On site	Unspecified Heap	1948	1:10560
AC	On site	Unspecified Heap	1948	1:10560
AC	On site	Old Coal Level	1948	1:10560
BC	On site	Unspecified Ground Workings	1948	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
BC	On site	Unspecified Ground Workings	1903	1:10560
BC	On site	Unspecified Ground Workings	1877	1:10560
AD	On site	Old Coal Level	1901	1:10560
CB	On site	Unspecified Heap	1921	1:10560
BC	On site	Unspecified Ground Workings	1921	1:10560
CB	On site	Unspecified Heap	1921	1:10560
BC	On site	Unspecified Ground Workings	1921	1:10560
BC	On site	Unspecified Old Quarries	1900	1:10560
BC	On site	Unspecified Ground Workings	1876	1:10560
BC	On site	Unspecified Ground Workings	1921	1:10560
BC	On site	Cuttings	1921	1:10560
BC	On site	Unspecified Ground Workings	1921	1:10560
BC	On site	Unspecified Ground Workings	1921	1:10560
AD	On site	Coal Level	1903	1:10560
AD	On site	Old Coal Level	1877	1:10560
BD	On site	Unspecified Pit	1948	1:10560
BD	On site	Unspecified Pit	1903	1:10560
BD	On site	Unspecified Pit	1877	1:10560
CC	On site	Refuse Heap	1921	1:10560
BD	On site	Unspecified Pit	1921	1:10560
CC	On site	Refuse Heap	1921	1:10560
BD	On site	Cuttings	1921	1:10560
BD	On site	Unspecified Pit	1921	1:10560
BD	On site	Unspecified Old Quarries	1900	1:10560
CC	On site	Unspecified Ground Workings	1965	1:10560
BD	On site	Unspecified Pit	1921	1:10560
CC	On site	Refuse Heap	1921	1:10560
BD	On site	Unspecified Pit	1921	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
BD	On site	Cuttings	1921	1:10560
BE	On site	Unspecified Pit	1948	1:10560
BE	On site	Unspecified Ground Workings	1948	1:10560
BE	On site	Unspecified Pit	1903	1:10560
BE	On site	Unspecified Pit	1877	1:10560
BE	On site	Unspecified Ground Workings	1877	1:10560
BE	On site	Unspecified Pit	1900	1:10560
BE	On site	Unspecified Heap	1903	1:10560
BE	On site	Unspecified Heap	1900	1:10560
CD	On site	Unspecified Heap	1921	1:10560
AF	On site	Unspecified Ground Workings	1921	1:10560
BE	On site	Unspecified Ground Workings	1921	1:10560
CD	On site	Unspecified Heap	1921	1:10560
AF	On site	Unspecified Ground Workings	1921	1:10560
BE	On site	Unspecified Ground Workings	1921	1:10560
BE	On site	Unspecified Heap	1962	1:10560
BE	On site	Unspecified Ground Workings	1962	1:10560
AF	On site	Unspecified Ground Workings	1965	1:10560
AF	On site	Unspecified Ground Workings	1921	1:10560
BE	On site	Unspecified Ground Workings	1921	1:10560
AF	On site	Unspecified Ground Workings	1921	1:10560
BE	On site	Unspecified Ground Workings	1921	1:10560
AF	On site	Unspecified Ground Workings	1914	1:10560
AF	On site	Unspecified Ground Workings	1914	1:10560
AF	On site	Unspecified Ground Workings	1948	1:10560
AF	On site	Unspecified Pit	1903	1:10560
AF	On site	Unspecified Heap	1877	1:10560
AF	On site	Unspecified Pit	1877	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
AF	On site	Unspecified Ground Workings	1877	1:10560
BF	On site	Unspecified Heap	1948	1:10560
BF	On site	Unspecified Heap	1903	1:10560
BF	On site	Unspecified Heap	1877	1:10560
BF	On site	Unspecified Heap	1900	1:10560
CE	On site	Unspecified Ground Workings	1921	1:10560
AG	On site	Unspecified Pits	1921	1:10560
BF	On site	Unspecified Heaps	1921	1:10560
CE	On site	Unspecified Ground Workings	1921	1:10560
AG	On site	Unspecified Pits	1921	1:10560
BF	On site	Unspecified Heaps	1921	1:10560
BF	On site	Unspecified Heap	1876	1:10560
AG	On site	Unspecified Ground Workings	1921	1:10560
BF	On site	Unspecified Heap	1921	1:10560
BF	On site	Unspecified Heap	1921	1:10560
AG	On site	Unspecified Ground Workings	1914	1:10560
AG	On site	Unspecified Ground Workings	1914	1:10560
AG	On site	Unspecified Ground Workings	1948	1:10560
AG	On site	Unspecified Ground Workings	1877	1:10560
BG	On site	Unspecified Ground Workings	1948	1:10560
BG	On site	Unspecified Ground Workings	1903	1:10560
BG	On site	Unspecified Ground Workings	1877	1:10560
BG	On site	Unspecified Ground Workings	1877	1:10560
AH	On site	Unspecified Ground Workings	1876	1:10560
AH	On site	Unspecified Ground Workings	1901	1:10560
AH	On site	Unspecified Ground Workings	1901	1:10560
BG	On site	Unspecified Ground Workings	1900	1:10560
BG	On site	Unspecified Heaps	1948	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
BG	On site	Unspecified Heap	1903	1:10560
BG	On site	Unspecified Heap	1877	1:10560
BG	On site	Unspecified Heap	1877	1:10560
AH	On site	Unspecified Heap	1901	1:10560
CF	On site	Colliery	1921	1:10560
AH	On site	Unspecified Ground Workings	1921	1:10560
BG	On site	Unspecified Ground Workings	1921	1:10560
CF	On site	Colliery	1921	1:10560
AH	On site	Unspecified Ground Workings	1921	1:10560
BG	On site	Unspecified Ground Workings	1921	1:10560
BG	On site	Refuse Heap	1977	1:10000
AH	On site	Refuse Heap	1965	1:10560
AH	On site	Refuse Heap	1987	1:10000
BG	On site	Unspecified Ground Workings	1876	1:10560
AH	On site	Unspecified Ground Workings	1921	1:10560
AH	On site	Unspecified Ground Workings	1921	1:10560
BG	On site	Unspecified Ground Workings	1921	1:10560
AH	On site	Unspecified Ground Workings	1921	1:10560
AH	On site	Unspecified Ground Workings	1921	1:10560
BG	On site	Unspecified Ground Workings	1921	1:10560
AH	On site	Unspecified Ground Workings	1914	1:10560
AH	On site	Unspecified Ground Workings	1914	1:10560
AH	On site	Colliery	1914	1:10560
AH	On site	Unspecified Ground Workings	1914	1:10560
AH	On site	Unspecified Ground Workings	1914	1:10560
AH	On site	Colliery	1914	1:10560
AH	On site	Unspecified Ground Workings	1948	1:10560
AH	On site	Unspecified Ground Workings	1877	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
BH	On site	Unspecified Pit	1948	1:10560
BH	On site	Unspecified Pit	1903	1:10560
BH	On site	Unspecified Heap	1948	1:10560
BH	On site	Unspecified Heap	1903	1:10560
BH	On site	Unspecified Ground Workings	1921	1:10560
AI	On site	Unspecified Heap	1921	1:10560
CG	On site	Unspecified Ground Workings	1921	1:10560
BH	On site	Unspecified Ground Workings	1921	1:10560
AI	On site	Unspecified Heap	1921	1:10560
CG	On site	Unspecified Ground Workings	1921	1:10560
BH	On site	Unspecified Heaps	1877	1:10560
BH	On site	Unspecified Heap	1965	1:10560
AI	On site	Unspecified Heap	1921	1:10560
BH	On site	Unspecified Ground Workings	1921	1:10560
AI	On site	Unspecified Heap	1921	1:10560
BH	On site	Unspecified Ground Workings	1914	1:10560
AI	On site	Unspecified Heap	1914	1:10560
AI	On site	Unspecified Heap	1914	1:10560
AI	On site	Unspecified Heap	1948	1:10560
AI	On site	Unspecified Heap	1877	1:10560
BI	On site	Unspecified Ground Workings	1948	1:10560
BI	On site	Unspecified Ground Workings	1903	1:10560
BI	On site	Unspecified Heap	1948	1:10560
BI	On site	Unspecified Heap	1903	1:10560
AJ	On site	Unspecified Heap	1876	1:10560
CH	On site	Pond	1900	1:10560
BI	On site	Unspecified Heap	1965	1:10560
CH	On site	Unspecified Ground Workings	1965	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
CH	On site	Unspecified Ground Workings	1987	1:10000
AJ	On site	Unspecified Heap	1877	1:10560
BJ	On site	Unspecified Ground Workings	1948	1:10560
BJ	On site	Unspecified Ground Workings	1903	1:10560
BJ	On site	Unspecified Old Quarry	1877	1:10560
BJ	On site	Unspecified Heap	1948	1:10560
BJ	On site	Unspecified Heaps	1948	1:10560
BJ	On site	Unspecified Heap	1903	1:10560
BJ	On site	Unspecified Heap	1903	1:10560
BJ	On site	Unspecified Heaps	1903	1:10560
BJ	On site	Pond	1987	1:10000
BJ	On site	Unspecified Ground Workings	1921	1:10560
CI	On site	Brick Works	1948	1:10560
BJ	On site	Unspecified Ground Workings	1921	1:10560
CI	On site	Cuttings	1921	1:10560
BJ	On site	Unspecified Heaps	1965	1:10560
CI	On site	Refuse Heap	1965	1:10560
BJ	On site	Unspecified Ground Workings	1965	1:10560
BJ	On site	Unspecified Ground Workings	1965	1:10560
BJ	On site	Refuse Heap	1987	1:10000
CI	On site	Unspecified Ground Workings	1921	1:10560
BJ	On site	Unspecified Ground Workings	1921	1:10560
AK	On site	Refuse Heaps	1921	1:10560
BJ	On site	Unspecified Ground Workings	1914	1:10560
AK	On site	Refuse Heap	1914	1:10560
AK	On site	Refuse Heap	1914	1:10560
AK	On site	Refuse Heap	1903	1:10560
BK	On site	Unspecified Pit	1948	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
BK	On site	Unspecified Pit	1903	1:10560
BK	On site	Unspecified Heap	1948	1:10560
BK	On site	Unspecified Heap	1903	1:10560
CJ	On site	Disused Colliery	1948	1:10560
CJ	On site	Colliery	1903	1:10560
BK	On site	Unspecified Pit	1965	1:10560
BK	On site	Unspecified Ground Workings	1965	1:10560
BK	On site	Unspecified Ground Workings	1965	1:10560
BK	On site	Unspecified Pit	1921	1:10560
AL	On site	Old Coal Level	1903	1:10560
BL	On site	Unspecified Ground Workings	1948	1:10560
BL	On site	Unspecified Ground Workings	1903	1:10560
BL	On site	Unspecified Ground Workings	1877	1:10560
BL	On site	Pond	1965	1:10560
BL	On site	Pond	1987	1:10000
BL	On site	Pond	1987	1:10000
BL	On site	Unspecified Heap	1921	1:10560
AM	On site	Unspecified Pit	1921	1:10560
BL	On site	Unspecified Heap	1921	1:10560
AM	On site	Unspecified Pit	1921	1:10560
CK	On site	Colliery	1948	1:10560
AM	On site	Unspecified Disused Level	1965	1:10560
BL	On site	Unspecified Ground Workings	1965	1:10560
AM	On site	Unspecified Disused Level	1987	1:10000
CK	On site	Unspecified Drift	1948	1:10560
BL	On site	Unspecified Heap	1921	1:10560
BL	On site	Unspecified Heap	1914	1:10560
AM	On site	Unspecified Pit	1948	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
BM	On site	Unspecified Pit	1948	1:10560
BM	On site	Unspecified Pit	1903	1:10560
BM	On site	Pond	1965	1:10560
AN	On site	Cuttings	1876	1:10560
AN	On site	Colliery	1901	1:10560
BM	On site	Pond	1921	1:10560
AN	On site	Colliery	1903	1:10560
CL	On site	Refuse Heap	1965	1:10560
BM	On site	Unspecified Ground Workings	1965	1:10560
CL	On site	Unspecified Disused Tip	1987	1:10000
AN	On site	Unspecified Drift	1948	1:10560
BM	On site	Unspecified Old Quarry	1877	1:10560
AN	On site	Colliery	1921	1:10560
AN	On site	Colliery	1921	1:10560
AN	On site	Colliery	1948	1:10560
BN	On site	Unspecified Ground Workings	1903	1:10560
BN	On site	Unspecified Ground Workings	1877	1:10560
AO	On site	Cuttings	1965	1:10560
AO	On site	Cuttings	1987	1:10000
BN	On site	Unspecified Ground Workings	1921	1:10560
BN	On site	Unspecified Pit	1921	1:10560
AO	On site	Cuttings	1901	1:10560
BN	On site	Unspecified Ground Workings	1921	1:10560
BN	On site	Unspecified Pit	1921	1:10560
AO	On site	Cuttings	1921	1:10560
AO	On site	Cuttings	1948	1:10560
AO	On site	Cuttings	1903	1:10560
CM	On site	Refuse Heap	1965	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
CM	On site	Opencast Workings	1987	1:10000
AO	On site	Cuttings	1921	1:10560
AO	On site	Cuttings	1921	1:10560
AO	On site	Cuttings	1914	1:10560
AO	On site	Cuttings	1914	1:10560
BO	On site	Unspecified Ground Workings	1903	1:10560
BO	On site	Unspecified Heap	1948	1:10560
BO	On site	Unspecified Heap	1948	1:10560
AP	On site	Colliery	1948	1:10560
AP	On site	Colliery	1903	1:10560
BO	On site	Unspecified Heap	1903	1:10560
AP	On site	Colliery	1921	1:10560
AP	On site	Colliery	1921	1:10560
AP	On site	Refuse Heap	1965	1:10560
BO	On site	Unspecified Heap	1965	1:10560
BO	On site	Unspecified Ground Workings	1965	1:10560
CN	On site	Unspecified Ground Workings	1965	1:10560
CN	On site	Unspecified Ground Workings	1987	1:10000
AP	On site	Colliery	1921	1:10560
AP	On site	Colliery	1914	1:10560
BP	On site	Unspecified Ground Workings	1903	1:10560
AQ	On site	Unspecified Old Level	1948	1:10560
AQ	On site	Unspecified Heap	1948	1:10560
AQ	On site	Unspecified Heap	1903	1:10560
AQ	On site	Unspecified Heap	1877	1:10560
AQ	On site	Unspecified Old Level	1921	1:10560
AQ	On site	Unspecified Heap	1921	1:10560
AQ	On site	Unspecified Old Level	1921	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
AQ	On site	Unspecified Heap	1921	1:10560
AQ	On site	Unspecified Heap	1965	1:10560
BP	On site	Unspecified Ground Workings	1965	1:10560
CO	On site	Unspecified Ground Workings	1876	1:10560
CO	On site	Unspecified Ground Workings	1921	1:10560
AQ	On site	Unspecified Heap	1921	1:10560
AQ	On site	Unspecified Heap	1914	1:10560
BQ	On site	Unspecified Ground Workings	1877	1:10560
AR	On site	Unspecified Ground Workings	1948	1:10560
AR	On site	Old Coal Level	1903	1:10560
AR	On site	Unspecified Ground Workings	1877	1:10560
BQ	On site	Unspecified Heap	1948	1:10560
BQ	On site	Unspecified Heap	1948	1:10560
BQ	On site	Unspecified Heap	1903	1:10560
BQ	On site	Old Coal Levels	1921	1:10560
BQ	On site	Old Coal Levels	1921	1:10560
AR	On site	Unspecified Old Quarries	1900	1:10560
BQ	On site	Unspecified Heap	1921	1:10560
BQ	On site	Unspecified Heap	1914	1:10560
AR	On site	Unspecified Ground Workings	1921	1:10560
BR	On site	Unspecified Pit	1877	1:10560
AS	On site	Old Coal Level	1948	1:10560
AS	On site	Unspecified Heap	1877	1:10560
AS	On site	Unspecified Heap	1877	1:10560
BR	On site	Unspecified Ground Workings	1921	1:10560
AS	On site	Unspecified Ground Workings	1921	1:10560
BR	On site	Unspecified Ground Workings	1921	1:10560
AS	On site	Unspecified Ground Workings	1921	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
AS	On site	Unspecified Disused Level	1962	1:10560
AS	On site	Unspecified Ground Workings	1962	1:10560
AS	On site	Unspecified Ground Workings	1876	1:10560
AS	On site	Unspecified Ground Workings	1921	1:10560
AS	On site	Unspecified Ground Workings	1921	1:10560
BS	On site	Unspecified Ground Workings	1948	1:10560
AT	On site	Unspecified Pit	1948	1:10560
BS	On site	Unspecified Pit	1903	1:10560
BS	On site	Unspecified Pit	1903	1:10560
AT	On site	Unspecified Ground Workings	1903	1:10560
BS	On site	Unspecified Ground Workings	1877	1:10560
AT	On site	Unspecified Pit	1877	1:10560
BS	On site	Unspecified Ground Workings	1900	1:10560
AT	On site	Unspecified Pit	1900	1:10560
AT	On site	Colliery	1948	1:10560
AT	On site	Refuse Heaps	1948	1:10560
BS	On site	Unspecified Ground Workings	1921	1:10560
AT	On site	Unspecified Ground Workings	1921	1:10560
BS	On site	Unspecified Ground Workings	1921	1:10560
AT	On site	Unspecified Ground Workings	1921	1:10560
BS	On site	Refuse Heap	1977	1:10000
AT	On site	Refuse Heap	1965	1:10560
AT	On site	Refuse Heap	1987	1:10000
BS	On site	Unspecified Ground Workings	1921	1:10560
AT	On site	Unspecified Ground Workings	1921	1:10560
AT	On site	Unspecified Ground Workings	1921	1:10560
BT	On site	Unspecified Ground Workings	1948	1:10560
BT	On site	Unspecified Ground Workings	1877	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
AU	On site	Refuse Heap	1948	1:10560
AU	On site	Refuse Heap	1921	1:10560
BT	On site	Unspecified Pit	1921	1:10560
AU	On site	Refuse Heap	1921	1:10560
BT	On site	Unspecified Pit	1921	1:10560
AU	On site	Unspecified Disused Drift	1965	1:10560
BT	On site	Unspecified Ground Workings	1965	1:10560
AU	On site	Unspecified Disused Drift	1987	1:10000
BT	On site	Unspecified Ground Workings	1876	1:10560
BT	On site	Unspecified Ground Workings	1921	1:10560
BT	On site	Unspecified Pit	1921	1:10560
AU	On site	Refuse Heap	1921	1:10560
BT	On site	Unspecified Pit	1921	1:10560
AV	On site	Unspecified Ground Workings	1877	1:10560
BU	On site	Unspecified Pit	1948	1:10560
BU	On site	Unspecified Pit	1903	1:10560
AV	On site	Pond	1987	1:10000
AV	On site	Unspecified Heap	1921	1:10560
AV	On site	Unspecified Heap	1921	1:10560
BU	On site	Unspecified Heap	1921	1:10560
AV	On site	Unspecified Heap	1921	1:10560
AV	On site	Unspecified Heap	1914	1:10560
BV	On site	Unspecified Ground Workings	1903	1:10560
BV	On site	Unspecified Ground Workings	1877	1:10560
BV	On site	Unspecified Ground Workings	1900	1:10560
AW	On site	Unspecified Drift	1948	1:10560
AW	On site	Unspecified Drift	1921	1:10560
BV	On site	Unspecified Ground Workings	1921	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
AW	On site	Unspecified Drift	1921	1:10560
AW	On site	Unspecified Drift	1914	1:10560
BW	On site	Unspecified Ground Workings	1877	1:10560
BW	On site	Unspecified Heap	1965	1:10560
BX	On site	Unspecified Ground Workings	1900	1:10560
BX	On site	Refuse Heap	1948	1:10560
AY	On site	Cuttings	1965	1:10560
AY	On site	Cuttings	1987	1:10000
AY	On site	Cuttings	1901	1:10560
AY	On site	Cuttings	1921	1:10560
AY	On site	Cuttings	1948	1:10560
AY	On site	Cuttings	1903	1:10560
AY	On site	Cuttings	1921	1:10560
AY	On site	Cuttings	1921	1:10560
AY	On site	Cuttings	1914	1:10560
AY	On site	Cuttings	1914	1:10560
BY	On site	Unspecified Heaps	1948	1:10560
BY	On site	Unspecified Heaps	1903	1:10560
AZ	On site	Pond	1965	1:10560
AZ	On site	Ponds	1987	1:10000
AZ	On site	Pond	1901	1:10560
AZ	On site	Pond	1901	1:10560
AZ	On site	Ponds	1921	1:10560
AZ	On site	Ponds	1948	1:10560
AZ	On site	Ponds	1903	1:10560
AZ	On site	Ponds	1877	1:10560
BY	On site	Unspecified Ground Workings	1965	1:10560
AZ	On site	Pond	1921	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
AZ	On site	Pond	1921	1:10560
AZ	On site	Pond	1914	1:10560
AZ	On site	Pond	1914	1:10560
BZ	On site	Unspecified Heap	1903	1:10560
BZ	On site	Unspecified Heap	1900	1:10560
AH	0m SW	Unspecified Heap	1903	1:10560
CP	0m NE	Unspecified Old Quarry	1900	1:10560
CQ	1m N	Cuttings	1877	1:10560
AN	2m W	Unspecified Drift	1921	1:10560
29	2m S	Unspecified Ground Workings	1901	1:10560
CK	3m N	Unspecified Disused Drift	1987	1:10000
CK	3m NE	Colliery	1921	1:10560
CQ	3m N	Unspecified Ground Workings	1921	1:10560
AN	4m W	Unspecified Drift	1914	1:10560
AN	4m W	Unspecified Drift	1914	1:10560
CF	5m SE	Unspecified Ground Workings	1901	1:10560
AN	5m W	Unspecified Drift	1921	1:10560
CR	5m N	Unspecified Heap	1921	1:10560
CS	5m S	Unspecified Pit	1921	1:10560
CS	5m S	Unspecified Pit	1921	1:10560
CP	6m NE	Unspecified Old Quarry	1921	1:10560
W	6m SE	Old Coal Pit	1921	1:10560
CK	6m N	Colliery	1921	1:10560
CK	6m N	Colliery	1921	1:10560
AH	6m W	Unspecified Heap	1877	1:10560
CK	6m N	Colliery	1914	1:10560
CP	7m NE	Unspecified Quarry	1962	1:10560
CP	7m NE	Unspecified Old Quarry	1921	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
W	7m SE	Old Coal Pit	1921	1:10560
W	7m SE	Old Coal Pit	1921	1:10560
CP	8m NE	Unspecified Old Quarry	1948	1:10560
AG	8m SE	Unspecified Ground Workings	1921	1:10560
CF	9m SE	Unspecified Disused Tip	1987	1:10000
W	9m SE	Unspecified Ground Workings	1877	1:10560
CK	9m N	Unspecified Drift	1914	1:10560
CK	10m N	Drift	1921	1:10560
CK	10m N	Drift	1921	1:10560
W	10m S	Cuttings	1962	1:10560
BC	10m S	Unspecified Heap	1948	1:10560
CT	10m N	Old Coal Level	1903	1:10560
CT	10m N	Old Coal Level	1877	1:10560
CQ	10m N	Unspecified Heaps	1877	1:10560
CF	11m SE	Unspecified Ground Workings	1921	1:10560
CF	11m SE	Unspecified Ground Workings	1921	1:10560
30	11m SE	Unspecified Ground Workings	1876	1:10560
CU	12m S	Old Coal Level	1948	1:10560
CU	12m S	Old Coal Level	1903	1:10560
CK	12m NE	Refuse Heap	1965	1:10560
CQ	12m N	Unspecified Heap	1948	1:10560
CV	12m NE	Cuttings	1903	1:10560
CV	12m NE	Cuttings	1877	1:10560
CW	13m SE	Old Coal Level	1901	1:10560
W	14m SE	Old Coal Pit	1900	1:10560
CF	14m SE	Refuse Heap	1948	1:10560
CQ	14m N	Unspecified Ground Workings	1921	1:10560
CQ	14m N	Unspecified Ground Workings	1921	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
CK	14m N	Unspecified Drift	1921	1:10560
CQ	14m N	Unspecified Ground Workings	1914	1:10560
CQ	14m N	Unspecified Ground Workings	1914	1:10560
W	14m SE	Old Coal Level	1903	1:10560
W	17m S	Unspecified Ground Workings	1877	1:10560
CR	17m N	Unspecified Old Level	1948	1:10560
CF	17m SE	Refuse Heap	1914	1:10560
CF	17m SE	Refuse Heap	1914	1:10560
CR	17m N	Unspecified Pit	1914	1:10560
CR	17m N	Unspecified Pit	1914	1:10560
W	17m SE	Old Coal Level	1900	1:10560
CU	18m S	Old Coal Level	1921	1:10560
CX	18m NE	Pond	1948	1:10560
CR	19m N	Unspecified Heap	1921	1:10560
CR	19m N	Unspecified Heap	1921	1:10560
CX	19m NE	Pond	1921	1:10560
CY	20m S	Unspecified Pit	1987	1:10000
31	20m S	Unspecified Heaps	1965	1:10560
CY	20m S	Unspecified Ground Workings	1948	1:10560
CF	20m SE	Refuse Heap	1965	1:10560
CF	21m SE	Refuse Heaps	1921	1:10560
CT	22m N	Unspecified Ground Workings	1914	1:10560
BC	23m S	Unspecified Heap	1903	1:10560
CZ	24m S	Unspecified Disused Tip	1987	1:10000
W	24m S	Cuttings	1921	1:10560
CY	24m S	Unspecified Ground Workings	1921	1:10560
BC	25m S	Unspecified Heap	1921	1:10560
CF	25m S	Unspecified Ground Workings	1876	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
AJ	25m S	Old Coal Level	1901	1:10560
AN	26m S	Unspecified Ground Workings	1877	1:10560
CY	26m S	Unspecified Ground Workings	1903	1:10560
W	26m S	Pond	1876	1:10560
AJ	27m S	Unspecified Pit	1948	1:10560
AJ	27m S	Unspecified Pit	1903	1:10560
AJ	27m S	Old Coal Level	1921	1:10560
AJ	27m S	Old Coal Level	1921	1:10560
W	28m S	Old Coal Pit	1921	1:10560
CT	28m N	Unspecified Ground Workings	1921	1:10560
AJ	28m S	Refuse Heap	1921	1:10560
AJ	28m S	Refuse Heap	1921	1:10560
A	28m N	Unspecified Pit	1921	1:10560
CT	28m N	Unspecified Ground Workings	1921	1:10560
CT	28m N	Unspecified Ground Workings	1921	1:10560
W	29m S	Unspecified Pit	1877	1:10560
BC	29m S	Unspecified Ground Workings	1948	1:10560
AJ	31m S	Refuse Heap	1914	1:10560
AJ	31m S	Refuse Heap	1914	1:10560
W	32m S	Ponds	1921	1:10560
AJ	33m S	Old Coal Level	1921	1:10560
W	33m S	Unspecified Pit	1962	1:10560
CY	33m S	Unspecified Ground Workings	1921	1:10560
CY	33m S	Unspecified Ground Workings	1921	1:10560
DA	33m NE	Unspecified Pit	1914	1:10560
CW	33m SE	Unspecified Ground Workings	1914	1:10560
CW	33m SE	Unspecified Ground Workings	1914	1:10560
A	34m N	Unspecified Pit	1921	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
A	34m N	Old Coal Pit	1877	1:10560
DA	35m NE	Unspecified Pit	1948	1:10560
DA	35m NE	Unspecified Pit	1903	1:10560
DA	35m NE	Unspecified Pit	1921	1:10560
DA	35m NE	Unspecified Pit	1921	1:10560
W	35m S	Unspecified Pits	1948	1:10560
DA	36m NE	Unspecified Pit	1921	1:10560
W	36m SE	Unspecified Heap	1900	1:10560
DA	36m NE	Unspecified Pit	1877	1:10560
CZ	37m S	Refuse Heap	1965	1:10560
32	38m S	Unspecified Heap	1948	1:10560
CR	39m N	Unspecified Old Level	1921	1:10560
DB	39m NW	Unspecified Heaps	1877	1:10560
AJ	39m S	Refuse Heap	1921	1:10560
CY	40m S	Unspecified Ground Workings	1877	1:10560
A	41m N	Unspecified Pit	1914	1:10560
A	41m N	Unspecified Pit	1914	1:10560
A	41m N	Unspecified Pit	1948	1:10560
DA	41m NE	Unspecified Old Level	1903	1:10560
A	42m N	Unspecified Pit	1921	1:10560
A	42m N	Unspecified Pit	1921	1:10560
BC	42m S	Unspecified Heap	1948	1:10560
BC	42m S	Unspecified Heap	1903	1:10560
AN	43m W	Pond	1921	1:10560
DC	43m NE	Unspecified Disused Level	1977	1:10000
AJ	43m S	Old Trial Drift	1914	1:10560
AJ	43m S	Old Trial Drift	1914	1:10560
W	44m S	Old Coal Level	1903	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
AN	45m W	Pond	1914	1:10560
AN	45m W	Pond	1914	1:10560
AN	46m W	Pond	1903	1:10560
AN	46m W	Pond	1877	1:10560
AN	46m W	Pond	1921	1:10560
BC	46m S	Unspecified Old Quarries	1903	1:10560
AJ	46m S	Unspecified Heap	1948	1:10560
CT	46m NW	Old Coal Level	1921	1:10560
CT	46m NW	Old Coal Level	1921	1:10560
AJ	48m S	Unspecified Heap	1921	1:10560
AJ	48m S	Unspecified Heap	1921	1:10560
DD	48m S	Unspecified Disused Workings	1987	1:10000
CT	48m NW	Old Coal Level	1914	1:10560
DC	48m NE	Old Coal Level	1921	1:10560
DC	48m NE	Old Coal Level	1921	1:10560
CR	48m N	Unspecified Old Level	1914	1:10560
CR	48m N	Unspecified Old Level	1914	1:10560
AJ	48m S	Unspecified Pit	1914	1:10560
AJ	48m S	Unspecified Pit	1914	1:10560
AN	49m W	Pond	1876	1:10560
DC	49m NE	Old Coal Pit	1921	1:10560
BC	49m SE	Unspecified Heap	1965	1:10560
BC	49m SE	Unspecified Heap	1987	1:10000
AN	49m SW	Unspecified Ground Workings	1901	1:10560
AN	49m W	Pond	1921	1:10560
AN	49m W	Pond	1901	1:10560
AG	50m SE	Unspecified Pit	1948	1:10560
CT	50m NW	Old Coal Level	1948	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
BB	50m S	Unspecified Heap	1903	1:10560
BB	50m S	Unspecified Heap	1877	1:10560
DC	50m NE	Old Coal Level	1921	1:10560
CX	50m NE	Unspecified Heap	1877	1:10560
AJ	50m S	Unspecified Ground Workings	1877	1:10560
CR	50m N	Unspecified Old Level	1921	1:10560
CR	50m N	Unspecified Old Level	1921	1:10560
CX	51m NE	Unspecified Heap	1962	1:10560
DE	52m SW	Unspecified Ground Workings	1876	1:10560
DA	52m NE	Old Coal Level	1877	1:10560
CX	53m NE	Unspecified Heap	1921	1:10560
CX	53m NE	Unspecified Heap	1921	1:10560
W	53m S	Unspecified Pit	1877	1:10560
CX	53m NE	Unspecified Heap	1948	1:10560
CX	54m NE	Unspecified Heap	1921	1:10560
CT	54m NW	Old Coal Level	1921	1:10560
CX	54m NE	Unspecified Heap	1921	1:10560
DE	54m SW	Unspecified Ground Workings	1877	1:10560
DE	54m SW	Unspecified Old Quarry	1901	1:10560
DE	56m SW	Unspecified Old Quarry	1903	1:10560
W	56m S	Unspecified Ground Workings	1962	1:10560
W	57m SE	Unspecified Heap	1921	1:10560
W	57m SE	Unspecified Heap	1921	1:10560
DF	57m NW	Unspecified Heap	1948	1:10560
DF	57m NW	Unspecified Ground Workings	1914	1:10560
DF	57m NW	Unspecified Ground Workings	1914	1:10560
BC	57m S	Unspecified Quarry	1876	1:10560
DF	57m NW	Unspecified Heaps	1921	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
AJ	58m S	Unspecified Heap	1921	1:10560
CZ	59m S	Refuse Heap	1948	1:10560
33	59m N	Cuttings	1877	1:10560
DF	60m NW	Unspecified Heaps	1921	1:10560
DF	60m NW	Unspecified Heaps	1921	1:10560
AJ	61m S	Unspecified Ground Workings	1921	1:10560
AJ	61m S	Unspecified Ground Workings	1921	1:10560
DE	61m S	Unspecified Ground Workings	1921	1:10560
DE	61m S	Unspecified Ground Workings	1921	1:10560
AJ	62m S	Unspecified Pit	1876	1:10560
AJ	62m S	Unspecified Ground Workings	1948	1:10560
DE	63m S	Unspecified Ground Workings	1914	1:10560
DE	63m S	Unspecified Ground Workings	1914	1:10560
DG	63m S	Unspecified Ground Workings	1921	1:10560
DG	63m S	Unspecified Ground Workings	1921	1:10560
CF	64m SE	Unspecified Ground Workings	1877	1:10560
DF	64m NW	Unspecified Heap	1877	1:10560
W	64m S	Old Coal Level	1903	1:10560
BC	65m S	Unspecified Ground Workings	1965	1:10560
CF	66m S	Unspecified Ground Workings	1914	1:10560
CF	66m S	Unspecified Ground Workings	1914	1:10560
AJ	67m S	Unspecified Pit	1877	1:10560
DE	67m S	Unspecified Ground Workings	1921	1:10560
BC	68m S	Unspecified Pit	1948	1:10560
AJ	69m S	Unspecified Pit	1903	1:10560
BC	69m S	Unspecified Old Quarries	1903	1:10560
DE	70m SW	Unspecified Ground Workings	1921	1:10560
AJ	70m S	Unspecified Pit	1901	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
35	72m SW	Unspecified Ground Workings	1948	1:10560
DH	72m NE	Unspecified Ground Workings	1962	1:10560
DH	72m NE	Unspecified Ground Workings	1876	1:10560
CY	72m S	Unspecified Heap	1948	1:10560
CF	72m SE	Unspecified Ground Workings	1921	1:10560
A	74m N	Unspecified Pit	1921	1:10560
BB	74m S	Unspecified Heap	1948	1:10560
AJ	75m S	Unspecified Heap	1876	1:10560
AJ	75m S	Unspecified Heap	1877	1:10560
DH	75m NE	Unspecified Ground Workings	1921	1:10560
DH	75m NE	Unspecified Ground Workings	1921	1:10560
AJ	77m S	Unspecified Pit	1921	1:10560
AJ	77m S	Unspecified Pit	1921	1:10560
AJ	77m S	Unspecified Pit	1948	1:10560
DF	78m NW	Unspecified Pit	1877	1:10560
CY	78m S	Unspecified Ground Workings	1965	1:10560
CY	78m S	Unspecified Ground Workings	1987	1:10000
CF	78m S	Unspecified Ground Workings	1921	1:10560
DI	78m N	Disused Old Coal Pit	1877	1:10560
DI	78m N	Old Coal Pit	1901	1:10560
AJ	79m S	Unspecified Pit	1914	1:10560
AJ	79m S	Unspecified Pit	1914	1:10560
DG	80m S	Unspecified Heap	1948	1:10560
DJ	80m NE	Unspecified Pit	1877	1:10560
DB	80m NW	Unspecified Ground Workings	1914	1:10560
A	81m N	Unspecified Heap	1921	1:10560
DH	81m NE	Unspecified Ground Workings	1877	1:10560
BC	81m S	Unspecified Heap	1877	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
36	81m NE	Cuttings	1877	1:10560
AJ	82m S	Unspecified Heap	1921	1:10560
DB	82m NW	Unspecified Ground Workings	1965	1:10560
DB	83m NW	Unspecified Ground Workings	1921	1:10560
DB	83m NW	Unspecified Ground Workings	1921	1:10560
DE	83m S	Unspecified Pit	1948	1:10560
DB	85m NW	Unspecified Ground Workings	1921	1:10560
DK	85m SE	Old Clay Pit	1877	1:10560
DG	86m S	Unspecified Ground Workings	1921	1:10560
DH	86m NE	Unspecified Ground Workings	1948	1:10560
DH	86m NE	Unspecified Ground Workings	1903	1:10560
DK	86m SE	Unspecified Pit	1948	1:10560
DH	86m NE	Unspecified Ground Workings	1900	1:10560
DK	86m SE	Old Clay Pit	1901	1:10560
A	87m N	Unspecified Pit	1914	1:10560
A	87m N	Unspecified Pit	1914	1:10560
A	87m N	Unspecified Pit	1921	1:10560
A	87m N	Unspecified Pit	1921	1:10560
A	87m N	Unspecified Pit	1948	1:10560
AJ	88m S	Unspecified Pit	1921	1:10560
DE	88m SW	Refuse Heap	1965	1:10560
DJ	89m NE	Ponds	1977	1:10000
DB	90m NW	Unspecified Heaps	1903	1:10560
DH	91m NE	Unspecified Ground Workings	1921	1:10560
AJ	91m S	Unspecified Drift	1876	1:10560
AJ	92m S	Old Trial Drift	1948	1:10560
AJ	92m S	Old Trial Drift	1921	1:10560
AJ	92m S	Old Trial Drift	1921	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
DK	94m SE	Unspecified Pit	1921	1:10560
AJ	95m S	Unspecified Drift	1877	1:10560
AJ	97m S	Old Trial Drift	1921	1:10560
DH	97m NE	Unspecified Ground Workings	1921	1:10560
DJ	98m NE	Unspecified Pit	1948	1:10560
AG	99m SE	Unspecified Pit	1877	1:10560
AG	100m SE	Unspecified Pit	1948	1:10560
AN	101m SW	Unspecified Ground Workings	1876	1:10560
DL	101m SE	Cuttings	1921	1:10560
DL	102m SE	Cuttings	1877	1:10560
DJ	104m NE	Unspecified Heap	1903	1:10560
DJ	104m NE	Unspecified Ground Workings	1877	1:10560
DH	104m NE	Unspecified Ground Workings	1921	1:10560
DH	104m NE	Unspecified Ground Workings	1921	1:10560
DM	105m NW	Old Gravel Pit	1877	1:10560
DJ	106m NE	Unspecified Heap	1900	1:10560
DN	106m NW	Old Ironstone Levels	1914	1:10560
DL	106m SE	Cuttings	1914	1:10560
DL	106m SE	Cuttings	1914	1:10560
DN	107m NW	Old Ironstone Levels	1921	1:10560
DL	107m SE	Unspecified Pit	1965	1:10560
DJ	108m NE	Unspecified Heap	1948	1:10560
DO	108m NE	Unspecified Heap	1903	1:10560
DL	108m SE	Cuttings	1921	1:10560
DL	108m SE	Cuttings	1948	1:10560
DJ	109m NE	Unspecified Ground Workings	1876	1:10560
AG	109m N	Old Coal Pit	1901	1:10560
DN	109m NW	Old Ironstone Levels	1948	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
DN	109m NW	Unspecified Old Levels	1903	1:10560
DN	110m NW	Old Ironstone Levels	1921	1:10560
DN	111m NW	Unspecified Pit	1965	1:10560
DP	111m S	Unspecified Heap	1965	1:10560
DN	113m NW	Old Ironstone Level	1877	1:10560
DO	114m N	Unspecified Heap	1877	1:10560
DL	114m SE	Cuttings	1921	1:10560
37	116m NW	Cuttings	1877	1:10560
DQ	116m NW	Unspecified Drifts	1948	1:10560
DP	116m S	Unspecified Ground Workings	1965	1:10560
DP	116m S	Unspecified Ground Workings	1987	1:10000
DD	117m S	Unspecified Ground Workings	1914	1:10560
DD	117m S	Unspecified Ground Workings	1914	1:10560
AG	118m SE	Unspecified Pit	1948	1:10560
AG	118m SE	Unspecified Pit	1877	1:10560
AG	118m N	Cuttings	1877	1:10560
38	120m S	Unspecified Ground Workings	1876	1:10560
DR	126m S	Unspecified Ground Workings	1876	1:10560
DS	128m S	Unspecified Pit	1965	1:10560
AG	129m SE	Unspecified Pit	1921	1:10560
39	129m N	Cuttings	1903	1:10560
DT	129m S	Unspecified Heaps	1876	1:10560
DJ	129m NE	Unspecified Heap	1900	1:10560
DS	131m S	Unspecified Old Quarry	1901	1:10560
DU	131m SW	Old Coal Pit	1921	1:10560
DU	131m SW	Old Coal Pit	1921	1:10560
DU	131m SW	Old Coal Pit	1914	1:10560
DU	131m SW	Old Coal Pit	1914	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
DV	132m NW	Colliery	1921	1:10560
DS	132m S	Unspecified Pit	1903	1:10560
40	133m S	Unspecified Heap	1876	1:10560
DU	134m SW	Old Coal Pit	1921	1:10560
DS	134m S	Unspecified Ground Workings	1914	1:10560
DS	134m S	Unspecified Ground Workings	1914	1:10560
DU	135m SW	Old Coal Pit	1921	1:10560
DU	135m SW	Old Coal Pit	1948	1:10560
DU	135m SW	Old Coal Pit	1903	1:10560
DU	137m SW	Old Coal Pit	1901	1:10560
DN	137m NW	Old Ironstone Levels	1921	1:10560
DN	140m NW	Unspecified Heap	1965	1:10560
DW	141m NW	Unspecified Ground Workings	1903	1:10560
DW	141m NW	Unspecified Ground Workings	1921	1:10560
DW	142m NW	Unspecified Ground Workings	1900	1:10560
DN	142m NW	Old Ironstone Levels	1921	1:10560
DX	142m NE	Unspecified Heap	1914	1:10560
DX	143m NE	Unspecified Ground Workings	1921	1:10560
DX	143m NE	Unspecified Ground Workings	1921	1:10560
AG	144m SE	Unspecified Pit	1877	1:10560
DW	144m NW	Unspecified Ground Workings	1948	1:10560
DW	145m NW	Unspecified Ground Workings	1921	1:10560
DW	145m NW	Unspecified Ground Workings	1921	1:10560
DW	145m NW	Unspecified Ground Workings	1921	1:10560
DX	146m NE	Unspecified Pit	1903	1:10560
DX	146m NE	Old Ironstone Quarry	1877	1:10560
DX	146m NE	Unspecified Ground Workings	1921	1:10560
DU	148m SW	Old Coal Level	1901	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
DX	148m NE	Unspecified Pit	1948	1:10560
42	148m N	Cuttings	1903	1:10560
DV	149m NW	Unspecified Pit	1965	1:10560
AG	149m N	Unspecified Pit	1877	1:10560
DX	150m NE	Pond	1987	1:10000
DX	150m NE	Pond	1965	1:10560
DT	151m S	Unspecified Pit	1948	1:10560
DW	151m NW	Unspecified Ground Workings	1877	1:10560
DT	152m S	Unspecified Ground Workings	1921	1:10560
DT	153m S	Ponds	1877	1:10560
DX	153m NE	Unspecified Heap	1948	1:10560
DT	154m S	Unspecified Pit	1921	1:10560
DT	154m S	Unspecified Pit	1921	1:10560
43	156m S	Refuse Heap	1965	1:10560
DX	158m NE	Unspecified Pit	1965	1:10560
DX	159m NE	Unspecified Pit	1987	1:10000
DV	160m NW	Colliery	1914	1:10560
DR	161m S	Unspecified Ground Workings	1876	1:10560
DT	161m S	Old Coal Level	1903	1:10560
DV	162m NW	Colliery	1921	1:10560
DV	162m NW	Colliery	1921	1:10560
DY	166m SE	Cuttings	1877	1:10560
44	170m S	Refuse Heap	1948	1:10560
DT	171m S	Old Coal Level	1900	1:10560
DY	171m SE	Cuttings	1876	1:10560
DT	172m S	Old Coal Level	1903	1:10560
DZ	172m NW	Old Ironstone Levels	1921	1:10560
DU	172m SW	Unspecified Pit	1921	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
DU	172m SW	Unspecified Pit	1921	1:10560
DV	173m NW	Unspecified Drift	1914	1:10560
DU	173m SW	Unspecified Pit	1948	1:10560
DU	173m SW	Unspecified Pit	1921	1:10560
DW	174m NW	Ponds	1948	1:10560
DW	174m NW	Ponds	1903	1:10560
DW	174m NW	Ponds	1965	1:10560
DW	174m NW	Ponds	1987	1:10000
DZ	174m NW	Old Ironstone Levels	1948	1:10560
DZ	174m NW	Unspecified Old Levels	1903	1:10560
DZ	175m NW	Old Ironstone Levels	1921	1:10560
DV	177m NW	Unspecified Drifts	1921	1:10560
DZ	178m NW	Old Ironstone Level	1877	1:10560
DW	178m NW	Ponds	1921	1:10560
DV	181m NW	Unspecified Ground Workings	1965	1:10560
DU	182m SE	Old Coal Level	1903	1:10560
EA	184m S	Unspecified Ground Workings	1965	1:10560
EA	184m S	Unspecified Ground Workings	1987	1:10000
DW	184m NW	Ponds	1877	1:10560
DU	185m SW	Old Coal Level	1921	1:10560
DU	185m SW	Old Coal Level	1921	1:10560
DW	185m W	Unspecified Heap	1921	1:10560
DU	185m SW	Old Coal Level	1948	1:10560
EB	185m S	Burial Ground	1876	1:10560
DU	186m SE	Unspecified Heap	1876	1:10560
DU	186m SE	Unspecified Heap	1921	1:10560
DU	186m SE	Unspecified Heap	1921	1:10560
DU	186m SE	Unspecified Heap	1948	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
EC	186m NW	Unspecified Heap	1965	1:10560
EC	186m NW	Unspecified Heap	1987	1:10000
DU	187m SE	Unspecified Heap	1877	1:10560
DU	187m SE	Old Coal Level	1921	1:10560
EB	187m S	Burial Ground	1877	1:10560
DW	187m W	Unspecified Heap	1948	1:10560
DU	188m SW	Old Coal Level	1921	1:10560
ED	192m NW	Unspecified Ground Workings	1914	1:10560
ED	192m NW	Unspecified Ground Workings	1921	1:10560
ED	192m NW	Unspecified Ground Workings	1921	1:10560
EE	193m N	Unspecified Old Quarries	1877	1:10560
ED	194m NW	Unspecified Pit	1948	1:10560
ED	194m NW	Unspecified Pit	1903	1:10560
45	195m NW	Unspecified Ground Workings	1965	1:10560
DZ	195m NW	Old Ironstone Levels	1914	1:10560
DV	196m NW	Colliery	1903	1:10560
ED	196m NW	Unspecified Old Quarry	1877	1:10560
ED	196m NW	Unspecified Ground Workings	1921	1:10560
DZ	196m NW	Old Ironstone Levels	1921	1:10560
DU	197m SE	Unspecified Heap	1921	1:10560
ED	197m NW	Unspecified Pit	1965	1:10560
DV	198m NW	Refuse Heap	1921	1:10560
DW	198m NW	Unspecified Pit	1900	1:10560
DV	198m NW	Refuse Heaps	1921	1:10560
DV	198m NW	Refuse Heaps	1921	1:10560
DW	200m NW	Unspecified Pit	1877	1:10560
DZ	201m NW	Old Ironstone Levels	1921	1:10560
DV	201m NW	Unspecified Drifts	1948	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
DW	202m NW	Pond	1921	1:10560
DZ	202m NW	Unspecified Heap	1965	1:10560
EF	203m S	Unspecified Heap	1876	1:10560
DV	204m NW	Unspecified Drift	1914	1:10560
DV	205m NW	Unspecified Drifts	1921	1:10560
DW	205m NW	Pond	1921	1:10560
EF	207m S	Unspecified Heap	1877	1:10560
DV	210m NW	Unspecified Drifts	1921	1:10560
ED	210m NW	Unspecified Ground Workings	1948	1:10560
EG	210m S	Unspecified Heap	1876	1:10560
EG	213m S	Unspecified Pit	1914	1:10560
EG	213m S	Unspecified Pit	1914	1:10560
EG	213m S	Unspecified Heap	1921	1:10560
EG	213m S	Unspecified Heap	1921	1:10560
EG	213m S	Unspecified Heap	1921	1:10560
EG	214m S	Unspecified Heap	1948	1:10560
EG	214m S	Unspecified Heap	1877	1:10560
EH	214m NW	Old Ironstone Levels	1914	1:10560
EH	215m NW	Unspecified Ground Workings	1921	1:10560
EH	215m NW	Unspecified Ground Workings	1921	1:10560
ED	215m NW	Unspecified Ground Workings	1965	1:10560
46	216m NE	Unspecified Pit	1903	1:10560
EH	220m NW	Old Ironstone Levels	1921	1:10560
EH	222m NW	Old Ironstone Levels	1948	1:10560
EH	222m NW	Unspecified Heaps	1903	1:10560
EG	222m S	Unspecified Heap	1921	1:10560
EH	222m NW	Unspecified Pit	1965	1:10560
EH	224m NW	Old Ironstone Level	1877	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
EI	225m NW	Unspecified Old Level	1903	1:10560
DV	231m NW	Unspecified Drifts	1921	1:10560
EJ	234m S	Cemetery	1948	1:10560
EJ	236m S	Cemetery	1964	1:10560
EJ	236m S	Cemetery	1980	1:10560
EJ	236m S	Cemetery	1981	1:10000
EF	238m S	Reservoir	1948	1:10560
EH	238m NW	Unspecified Ground Workings	1921	1:10560
DV	240m NW	Unspecified Heap	1921	1:10560
DV	240m NW	Unspecified Heap	1921	1:10560
DV	240m NW	Unspecified Ground Workings	1914	1:10560
EG	241m S	Unspecified Pits	1876	1:10560
EG	241m S	Unspecified Pit	1988	1:10000
EG	241m S	Unspecified Pit	1964	1:10560
EK	241m S	Cuttings	1948	1:10560
EK	241m S	Cuttings	1903	1:10560
EK	241m S	Cuttings	1877	1:10560
EK	242m S	Cuttings	1914	1:10560
EK	242m S	Cuttings	1914	1:10560
DV	242m NW	Unspecified Ground Workings	1921	1:10560
EG	242m SE	Unspecified Pit	1921	1:10560
EG	242m SE	Unspecified Pit	1903	1:10560
EG	242m SE	Unspecified Pit	1877	1:10560
EG	243m SE	Unspecified Old Quarry	1901	1:10560
EK	243m S	Cuttings	1901	1:10560
EG	243m S	Unspecified Ground Workings	1914	1:10560
EG	243m S	Unspecified Ground Workings	1914	1:10560
EG	243m S	Unspecified Ground Workings	1948	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
EG	243m SE	Unspecified Ground Workings	1921	1:10560
EG	243m SE	Unspecified Ground Workings	1921	1:10560
DV	244m NW	Unspecified Ground Workings	1965	1:10560
EK	245m S	Cuttings	1921	1:10560
EG	248m SE	Unspecified Ground Workings	1988	1:10000
EG	248m SE	Unspecified Ground Workings	1964	1:10560
EK	248m S	Cuttings	1921	1:10560
49	248m NE	Cuttings	1877	1:10560
EK	249m S	Cuttings	1921	1:10560
EH	250m NW	Unspecified Heap	1965	1:10560
DV	250m NW	Unspecified Ground Workings	1948	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

18.4 Underground workings

Records within 1000m

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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 276**

ID	Location	Land Use	Year of mapping	Mapping scale
B	On site	Old Coal Level	1877	1:10560
B	On site	Old Coal Level	1877	1:10560
B	On site	Unspecified Old Level	1948	1:10560
B	On site	Unspecified Old Levels	1948	1:10560
B	On site	Coal Levels	1877	1:10560
B	On site	Coal Levels	1877	1:10560
B	On site	Unspecified Disused Level	1965	1:10000
B	On site	Unspecified Disused Levels	1965	1:10000
B	On site	Unspecified Disused Levels	1965	1:10000



ID	Location	Land Use	Year of mapping	Mapping scale
B	On site	Unspecified Disused Levels	1965	1:10000
B	On site	Unspecified Disused Levels	1965	1:10000
E	On site	Old Coal Level	1877	1:10560
E	On site	Old Coal Level	1877	1:10560
E	On site	Unspecified Old Levels	1903	1:10560
E	On site	Unspecified Old Levels	1903	1:10560
E	On site	Unspecified Disused Levels	1965	1:10000
K	On site	Old Coal Level	1877	1:10560
K	On site	Colliery	1948	1:10560
K	On site	Unspecified Old Levels	1903	1:10560
K	On site	Colliery	1903	1:10560
K	On site	Unspecified Old Levels	1903	1:10560
K	On site	Colliery	1877	1:10560
K	On site	Unspecified Drift	1948	1:10560
K	On site	Unspecified Drift	1948	1:10560
K	On site	Unspecified Drift	1903	1:10560
K	On site	Unspecified Drift	1903	1:10560
R	On site	Old Coal Levels	1948	1:10560
R	On site	Colliery	1948	1:10560
R	On site	Unspecified Old Levels	1903	1:10560
R	On site	Unspecified Old Level	1903	1:10560
R	On site	Unspecified Disused Levels	1965	1:10000
R	On site	Unspecified Disused Levels	1965	1:10000
R	On site	Unspecified Disused Drift	1987	1:10000
R	On site	Unspecified Disused Levels	1987	1:10000
R	On site	Unspecified Disused Levels	1987	1:10000
R	On site	Air Shaft	1903	1:10560
T	On site	Coal Shaft	1948	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
U	On site	Old Coal Level	1900	1:10560
W	On site	Old Coal Level	1903	1:10560
W	On site	Old Coal Pit	1903	1:10560
W	On site	Old Coal Level	1900	1:10560
X	On site	Old Coal Pit	1901	1:10560
X	On site	Unspecified Disused Level	1965	1:10000
X	On site	Unspecified Disused Level	1987	1:10000
X	On site	Unspecified Old Shaft	1948	1:10560
X	On site	Unspecified Old Shaft	1948	1:10560
X	On site	Unspecified Old Shaft	1903	1:10560
X	On site	Unspecified Old Shaft	1903	1:10560
X	On site	Old Coal Pit	1877	1:10560
Y	On site	Unspecified Disused Level	1987	1:10000
AB	On site	Unspecified Disused Level	1965	1:10000
AB	On site	Unspecified Disused Shaft	1987	1:10000
AC	On site	Old Coal Level	1948	1:10560
AD	On site	Old Coal Level	1901	1:10560
AD	On site	Coal Level	1903	1:10560
AD	On site	Old Coal Level	1877	1:10560
AE	On site	Air Shaft	1948	1:10560
AE	On site	Air Shaft	1903	1:10560
AL	On site	Old Coal Level	1903	1:10560
AM	On site	Unspecified Disused Level	1965	1:10000
AM	On site	Unspecified Disused Level	1987	1:10000
AN	On site	Colliery	1901	1:10560
AN	On site	Colliery	1948	1:10560
AP	On site	Colliery	1948	1:10560
AP	On site	Colliery	1903	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
AQ	On site	Unspecified Old Level	1948	1:10560
AR	On site	Old Coal Level	1903	1:10560
AS	On site	Old Coal Level	1948	1:10560
AS	On site	Unspecified Disused Level	1962	1:10560
AT	On site	Colliery	1948	1:10560
AU	On site	Unspecified Disused Drift	1965	1:10000
AU	On site	Unspecified Disused Drift	1987	1:10000
AV	On site	Unspecified Mine	1965	1:10000
AW	On site	Unspecified Drift	1948	1:10560
AX	On site	Air Shaft	1948	1:10560
AX	On site	Air Shaft	1903	1:10560
CK	3m N	Unspecified Disused Drift	1987	1:10000
CT	10m N	Old Coal Level	1903	1:10560
CT	10m N	Old Coal Level	1877	1:10560
AN	10m W	Air Shaft	1948	1:10560
CU	12m S	Old Coal Level	1948	1:10560
CU	12m S	Old Coal Level	1903	1:10560
CW	13m SE	Old Coal Level	1901	1:10560
W	14m SE	Old Coal Pit	1900	1:10560
W	14m SE	Old Coal Level	1903	1:10560
CR	17m N	Unspecified Old Level	1948	1:10560
W	17m SE	Old Coal Level	1900	1:10560
AJ	25m S	Old Coal Level	1901	1:10560
A	34m N	Old Coal Pit	1877	1:10560
DA	41m NE	Unspecified Old Level	1903	1:10560
DC	43m NE	Unspecified Disused Level	1977	1:10000
W	44m S	Old Coal Level	1903	1:10560
CT	50m NW	Old Coal Level	1948	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
DA	52m NE	Old Coal Level	1877	1:10560
W	64m S	Old Coal Level	1903	1:10560
DI	78m N	Disused Old Coal Pit	1877	1:10560
DI	78m N	Old Coal Pit	1901	1:10560
DI	79m N	Unspecified Old Shaft	1903	1:10560
DK	86m SE	Unspecified Old Shafts	1903	1:10560
DI	88m N	Old Coal Shaft	1948	1:10560
AJ	91m S	Unspecified Drift	1876	1:10560
AJ	92m S	Old Trial Drift	1948	1:10560
AJ	95m S	Unspecified Drift	1877	1:10560
AG	109m N	Old Coal Pit	1901	1:10560
DN	109m NW	Unspecified Old Levels	1903	1:10560
DN	109m NW	Old Ironstone Levels	1948	1:10560
AG	110m N	Old Coal Shafts	1948	1:10560
AG	110m N	Unspecified Old Shafts	1903	1:10560
DN	113m NW	Old Ironstone Level	1877	1:10560
DQ	116m NW	Unspecified Drifts	1948	1:10560
AG	129m N	Old Coal Shafts	1948	1:10560
AJ	135m S	Air Shaft	1877	1:10560
DU	135m SW	Old Coal Pit	1948	1:10560
DU	135m SW	Old Coal Pit	1903	1:10560
DU	137m SW	Old Coal Pit	1901	1:10560
DD	139m S	Air Shaft	1876	1:10560
DD	142m S	Air Shaft	1877	1:10560
AJ	144m S	Air Shaft	1876	1:10560
AG	154m N	Old Coal Shafts	1948	1:10560
DT	161m S	Old Coal Level	1903	1:10560
DT	171m S	Old Coal Level	1900	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
DT	172m S	Old Coal Level	1903	1:10560
DZ	174m NW	Unspecified Old Levels	1903	1:10560
DZ	174m NW	Old Ironstone Levels	1948	1:10560
DZ	178m NW	Old Ironstone Level	1877	1:10560
DU	182m SE	Old Coal Level	1903	1:10560
DU	185m SW	Old Coal Level	1948	1:10560
DV	196m NW	Colliery	1903	1:10560
DV	201m NW	Unspecified Drifts	1948	1:10560
EH	222m NW	Old Ironstone Levels	1948	1:10560
EH	224m NW	Old Ironstone Level	1877	1:10560
EI	275m NW	Old Ironstone Level	1948	1:10560
EF	277m S	Old Coal Drift	1948	1:10560
EI	283m NW	Unspecified Old Level	1903	1:10560
EM	288m NE	Old Ironstone Level	1948	1:10560
EF	297m SE	Old Coal Drift	1901	1:10560
EF	301m S	Air Shaft	1876	1:10560
EF	304m S	Air Shaft	1877	1:10560
EM	323m NE	Old Ironstone Level	1877	1:10560
EF	326m S	Old Coal Drift	1903	1:10560
EW	329m N	Unspecified Melin	1948	1:10560
EW	329m N	Unspecified Melin	1903	1:10560
EW	329m N	Unspecified Melin	1877	1:10560
EO	345m NW	Colliery	1877	1:10560
EZ	346m S	Air Shaft	1876	1:10560
EZ	348m S	Air Shaft	1877	1:10560
EM	353m NE	Unspecified Disused Level	1987	1:10000
FA	361m S	Old Coal Level	1901	1:10560
EM	385m NE	Unspecified Old Level	1903	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
ET	403m S	Old Coal Level	1948	1:10560
ET	406m S	Old Coal Level	1903	1:10560
FI	423m SE	Old Coal Level	1948	1:10560
FL	467m W	Disused Old Ironstone Level	1877	1:10560
FP	472m S	Old Coal Level	1948	1:10560
FL	486m W	Disused Old Ironstone Level	1901	1:10560
FL	487m W	Unspecified Old Level	1903	1:10560
FS	491m S	Old Coal Level	1948	1:10560
FS	493m S	Old Coal Level	1900	1:10560
FS	494m S	Old Coal Level	1903	1:10560
FU	504m S	Old Coal Level	1948	1:10560
FJ	505m NW	Air Shaft	1948	1:10560
FS	524m S	Old Coal Level	1903	1:10560
FW	529m S	Old Coal Pit	1901	1:10560
FW	529m S	Old Coal Pit	1948	1:10560
FW	529m S	Old Coal Pit	1903	1:10560
FW	534m S	Coal Pit	1876	1:10560
FW	536m S	Coal Pit	1877	1:10560
EU	545m W	Disused Old Ironstone Level	1877	1:10560
FY	548m NW	Old Coal Shaft	1948	1:10560
FY	550m NW	Unspecified Old Shaft	1903	1:10560
FY	552m NW	Old Coal Shaft	1877	1:10560
GB	554m W	Unspecified Disused Shaft	1965	1:10000
GA	554m NW	Old Coal Level	1948	1:10560
GA	554m NW	Unspecified Old Level	1903	1:10560
GA	557m NW	Old Coal Level	1877	1:10560
GB	559m W	Unspecified Old Shaft	1903	1:10560
GB	559m W	Old Ironstone Shaft	1948	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
FV	581m NW	Air Shaft	1877	1:10560
GG	617m S	Old Coal Pit	1901	1:10560
GG	617m S	Old Coal Pit	1948	1:10560
GG	617m S	Old Coal Pit	1903	1:10560
FY	627m NW	Unspecified Disused Level	1987	1:10000
FY	661m NW	Unspecified Disused Level	1965	1:10000
FY	671m NW	Unspecified Old Level	1903	1:10560
FY	675m NW	Old Coal Level	1948	1:10560
GP	705m W	Old Ironstone Level	1877	1:10560
GT	727m W	Unspecified Old Level	1903	1:10560
GT	727m W	Old Ironstone Levels	1948	1:10560
GT	727m W	Old Ironstone Level	1877	1:10560
GT	730m W	Old Ironstone Level	1901	1:10560
GP	773m W	Unspecified Level	1877	1:10560
GP	775m W	Old Ironstone Level	1877	1:10560
GV	779m W	Old Ironstone Levels	1948	1:10560
GM	786m W	Disused Ironstone Level	1877	1:10560
GW	789m SE	Colliery	1948	1:10560
GX	792m NW	Old Coal Shaft	1948	1:10560
GX	792m NW	Unspecified Shaft	1903	1:10560
GP	795m W	Old Ironstone Level	1877	1:10560
GZ	801m S	Colliery	1948	1:10560
GZ	805m S	Colliery	1901	1:10560
GV	807m W	Air Shaft	1948	1:10560
GV	807m W	Air Shaft	1903	1:10560
GV	807m W	Air Shaft	1877	1:10560
GZ	811m S	Unspecified Mine	1988	1:10000
GZ	811m S	Unspecified Mine	1964	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
GY	813m NW	Unspecified Disused Level	1987	1:10000
GM	815m W	Disused Ironstone Level	1901	1:10560
GM	870m W	Unspecified Old Level	1903	1:10560
GW	872m SE	Unspecified Mine	1964	1:10560
GW	872m SE	Unspecified Mine	1980	1:10560
HD	886m W	Old Coal Level	1877	1:10560
HH	900m W	Unspecified Old Shaft	1903	1:10560
HH	900m W	Old Ironstone Level	1948	1:10560
HH	900m W	Old Ironstone Level	1877	1:10560
HC	907m S	Air Shaft	1903	1:10560
HC	922m S	Air Shaft	1903	1:10560
HH	922m W	Unspecified Disused Level	1987	1:10000
HC	923m S	Air Shaft	1900	1:10560
HG	930m NW	Old Coal Level	1948	1:10560
HG	930m NW	Unspecified Old Level	1903	1:10560
EU	945m W	Disused Old Ironstone Level	1901	1:10560
EU	946m W	Unspecified Old Level	1903	1:10560
HM	946m W	Disused Ironstone Level	1877	1:10560
HN	948m NW	Old Coal Levels	1948	1:10560
HN	954m NW	Unspecified Old Levels	1903	1:10560
HM	956m W	Old Ironstone Level	1948	1:10560
HC	961m S	Air Shaft	1903	1:10560
HC	974m S	Unspecified Level	1876	1:10560
GW	977m SE	Disused Colliery	1900	1:10560
HD	980m W	Unspecified Old Shaft	1903	1:10560
GZ	981m S	Coal Pit	1877	1:10560
HD	984m W	Old Coal Pit	1877	1:10560
HN	986m NW	Unspecified Old Shaft	1903	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
HN	988m NW	Old Coal Shaft	1877	1:10560
HN	990m NW	Unspecified Disused Shaft	1987	1:10000
HK	999m NW	Unspecified Old Levels	1903	1:10560

This data is sourced from Ordnance Survey/Groundsure.

18.5 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.

18.6 Non-coal mining

Records within 1000m

4

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).

Features are displayed on the Mining, ground workings and natural cavities map on **page 276**

ID	Location	Name	Commodity	Class	Likelihood
12	On site	Not available	Iron Ore (Bedded)	B	Localised small scale underground mining may have occurred. Potential for difficult ground conditions are unlikely or localised and are at a level where they need not be considered
S	On site	Not available	Iron Ore (Bedded)	B	Localised small scale underground mining may have occurred. Potential for difficult ground conditions are unlikely or localised and are at a level where they need not be considered
47	225m S	Not available	Iron Ore (Bedded)	B	Localised small scale underground mining may have occurred. Potential for difficult ground conditions are unlikely or localised and are at a level where they need not be considered



ID	Location	Name	Commodity	Class	Likelihood
FX	535m N	Not available	Vein Mineral	A	Sporadic underground mining of restricted extent may have occurred. Potential for difficult ground conditions are unlikely and localised and are at a level where they need not be considered

This data is sourced from the British Geological Survey.

18.7 Mining cavities

Records within 1000m	0
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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.

18.8 JPB mining areas

Records on site	0
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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.

18.9 Coal mining

Records on site	1
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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.

18.10 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.

18.11 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.

18.12 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.

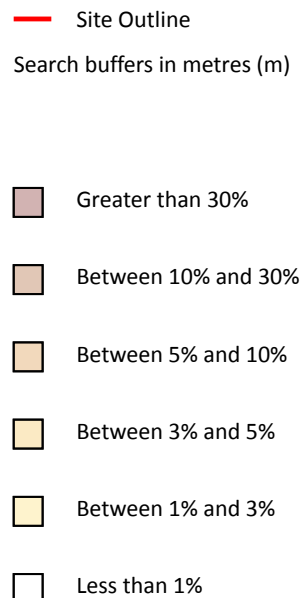
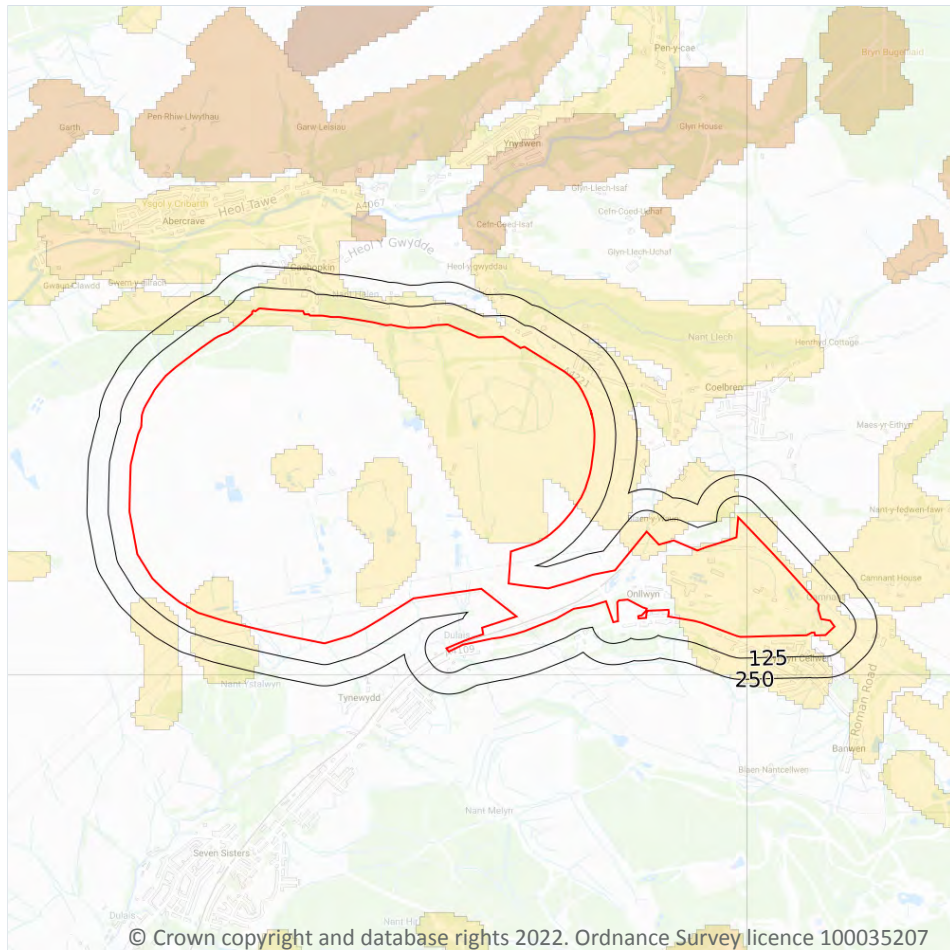
18.13 Clay mining

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).

19 Radon



19.1 Radon

Records on site

2

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 357**

Location	Estimated properties affected	Radon Protection Measures required
On site	Between 1% and 3%	None
On site	Less than 1%	None**



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



20 Soil chemistry

20.1 BGS Estimated Background Soil Chemistry

Records within 50m

142

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	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	3.0 - 6.0 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	3.0 - 6.0 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	3.0 - 6.0 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	3.0 - 6.0 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	2.2 - 3.0 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	3.0 - 6.0 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg



Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 - 2.2 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	3.0 - 6.0 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg



Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	3.0 - 6.0 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg



Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	2.2 - 3.0 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	3.0 - 6.0 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg



Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	2.2 - 3.0 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	3.0 - 6.0 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg



Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 - 2.2 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg



Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	2.2 - 3.0 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 - 2.2 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
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
On site	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
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
On site	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 - 2.2 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
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



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
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
On site	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	45 - 60 mg/kg	No data	100 mg/kg	60 mg/kg	3.0 - 6.0 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	45 - 60 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 - 2.2 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	45 - 60 mg/kg	No data	100 mg/kg	60 mg/kg	3.0 - 6.0 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	45 - 60 mg/kg	No data	100 mg/kg	60 mg/kg	3.0 - 6.0 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	45 - 60 mg/kg	No data	100 mg/kg	60 mg/kg	3.0 - 6.0 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
5m E	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
6m E	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 - 2.2 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
9m E	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
11m S	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
11m E	45 - 60 mg/kg	No data	100 mg/kg	60 mg/kg	3.0 - 6.0 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
12m W	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
12m W	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
13m NE	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
13m NE	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
14m SE	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg



Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
14m NE	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
14m NE	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
19m N	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
47m SW	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg

This data is sourced from the British Geological Survey.

20.2 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.

20.3 BGS Measured Urban Soil Chemistry

Records within 50m

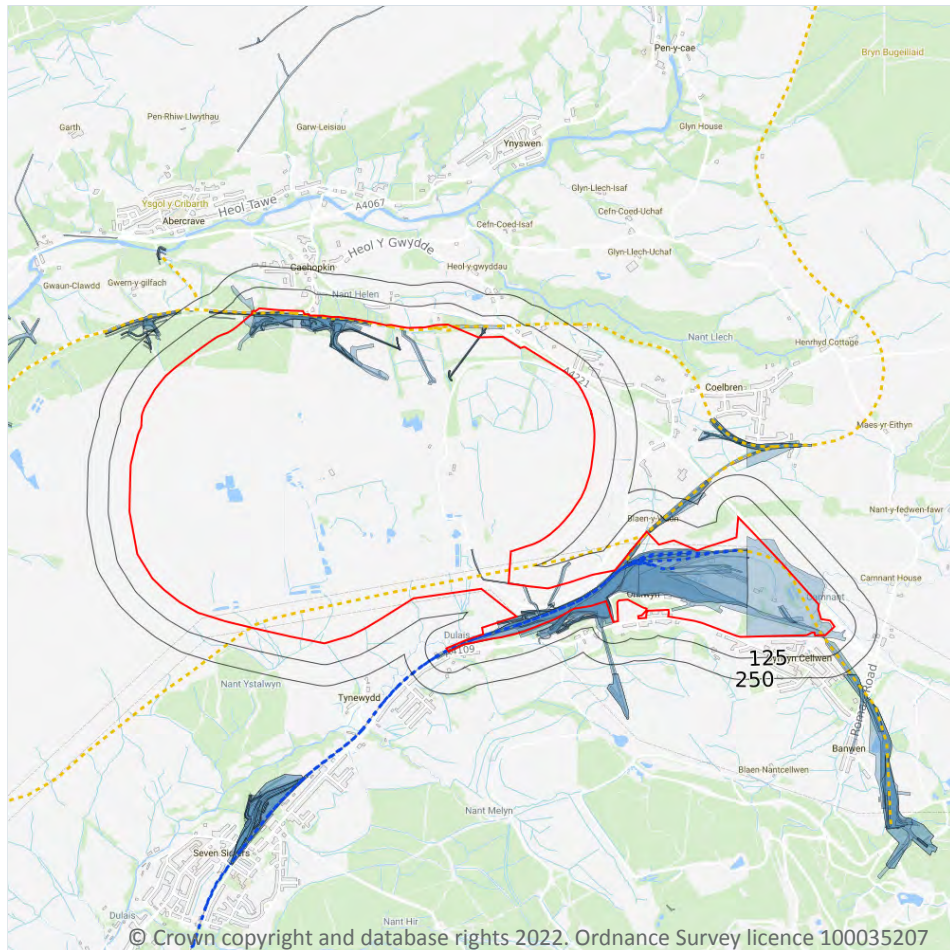
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The locations and measured total concentrations (mg/kg) of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc in urban topsoil samples from 23 urban centres across Great Britain. These are collected at a sample density of 4 per km².

This data is sourced from the British Geological Survey.



21 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

21.1 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.

21.2 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.

21.3 Railway tunnels

Records within 250m

0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

21.4 Historical railway and tunnel features

Records within 250m

54

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 368**

Location	Land Use	Year of mapping	Mapping scale
On site	Railway Sidings	1996	2500
On site	Railway Sidings	1962	2500
On site	Railway Sidings	1961	2500
On site	Railway Sidings	1877	2500
On site	Railway Sidings	1989	2500
On site	Railway Sidings		-
On site	Tramway Sidings	1919	2500
On site	Tramway Sidings	1904	2500
On site	Colliery Railway Sidings	1877	2500
On site	Mineral Railway Sidings	1978	-
On site	Railway Sidings	1978	-
On site	Mineral Railway Sidings	1962	2500
On site	Mineral Railway Sidings	1997	2500
On site	Mineral Railway Sidings		-
On site	Mineral Railway Sidings	1986	2500
On site	Mineral Railway Sidings	1984	2500
On site	Mineral Railway Sidings	1989	2500



Location	Land Use	Year of mapping	Mapping scale
On site	Old Tramway Sidings	1905	2500
On site	Railway Sidings	1905	2500
On site	Railway Sidings	1919	2500
On site	Railway Sidings	1904	2500
On site	Railway Sidings	1918	2500
On site	Mineral Railway Sidings	1987	10000
On site	Railway Sidings	1948	10560
On site	Railway Sidings	1903	10560
On site	Railway Sidings	1877	10560
On site	Railway Sidings	1876	10560
On site	Railway Sidings	1901	10560
On site	Railway Sidings	1962	10560
On site	Railway Sidings	1977	10000
On site	Railway Sidings	1965	10560
On site	Railway Sidings	1921	10560
On site	Railway Sidings	1914	10560
On site	Tramway Sidings	1903	10560
On site	Tramway Sidings	1921	10560
On site	Tramway Sidings	1914	10560
4m NE	Railway Sidings	1921	10560
6m S	Mineral Railway Sidings	1989	2500
12m NE	Mineral Railway Sidings	1962	2500
12m NE	Railway Sidings	1919	2500
15m NE	Railway Sidings	1948	10560
15m NE	Railway Sidings	1921	10560
42m NW	Railway Sidings	1919	2500
67m NW	Railway Sidings	1904	2500
136m N	Railway Sidings	1965	10560



Location	Land Use	Year of mapping	Mapping scale
159m NW	Railway Sidings	1919	2500
170m NW	Railway Sidings	1921	10560
173m NW	Railway Sidings	1914	10560
177m NW	Railway Sidings	1921	10560
203m NW	Mineral Railway Sidings	1962	2500
203m NW	Railway Sidings	1903	10560
210m NW	Railway Sidings	1904	2500
230m NE	Railway Sidings	1962	2500
242m NW	Railway Sidings	1948	10560

This data is sourced from Ordnance Survey/Groundsure.

21.5 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.

21.6 Historical railways

Records within 250m

11

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

Features are displayed on the Railway infrastructure and projects map on **page 368**

Location	Description
On site	Abandoned
On site	Abandoned
On site	Abandoned
On site	Abandoned



Location	Description
On site	Abandoned
On site	Abandoned
On site	Abandoned
On site	Abandoned
On site	Abandoned
64m N	Abandoned
240m NW	Abandoned

This data is sourced from OpenStreetMap.

21.7 Railways

Records within 250m	18
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Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways. Features are displayed on the Railway infrastructure and projects map on **page 368**

Location	Name	Type
On site		rail
On site		rail
On site		rail
On site		rail
On site		rail
On site	Neath and Brecon Line	rail
On site		rail
On site		rail
On site	Neath and Brecon Line	rail
On site	Not given	Single Track
On site	Not given	Single Track
On site	Not given	Single Track
On site	Not given	Single Track
On site	Not given	Single Track



Location	Name	Type
On site	Not given	Single Track
On site	Not given	Single Track
85m SW	Not given	Single Track
178m SW	Not given	Single Track

This data is sourced from Ordnance Survey and OpenStreetMap.

21.8 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.

21.9 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.

21.10 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

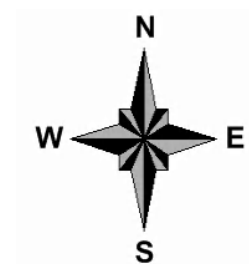
Groundsure works with respected data providers to bring you the most relevant and accurate information. To find out who they are and their areas of expertise see <https://www.groundsure.com/sources-reference>.

Terms and conditions

Groundsure's Terms and Conditions can be accessed at this link: <https://www.groundsure.com/terms-and-conditions-jan-2020/>.



Appendix C. Historic Mapping

[illegible]

Site Details:

GCRE

Client Ref: GCRE
Report Ref: GSIP-2021-12345-10398_SS_1_1
Grid Ref: 280939, 209894

Map Name: County Series

Map date: 1877

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1877
Revised 1877
Edition N/A
Copyright N/A
Levelled N/A

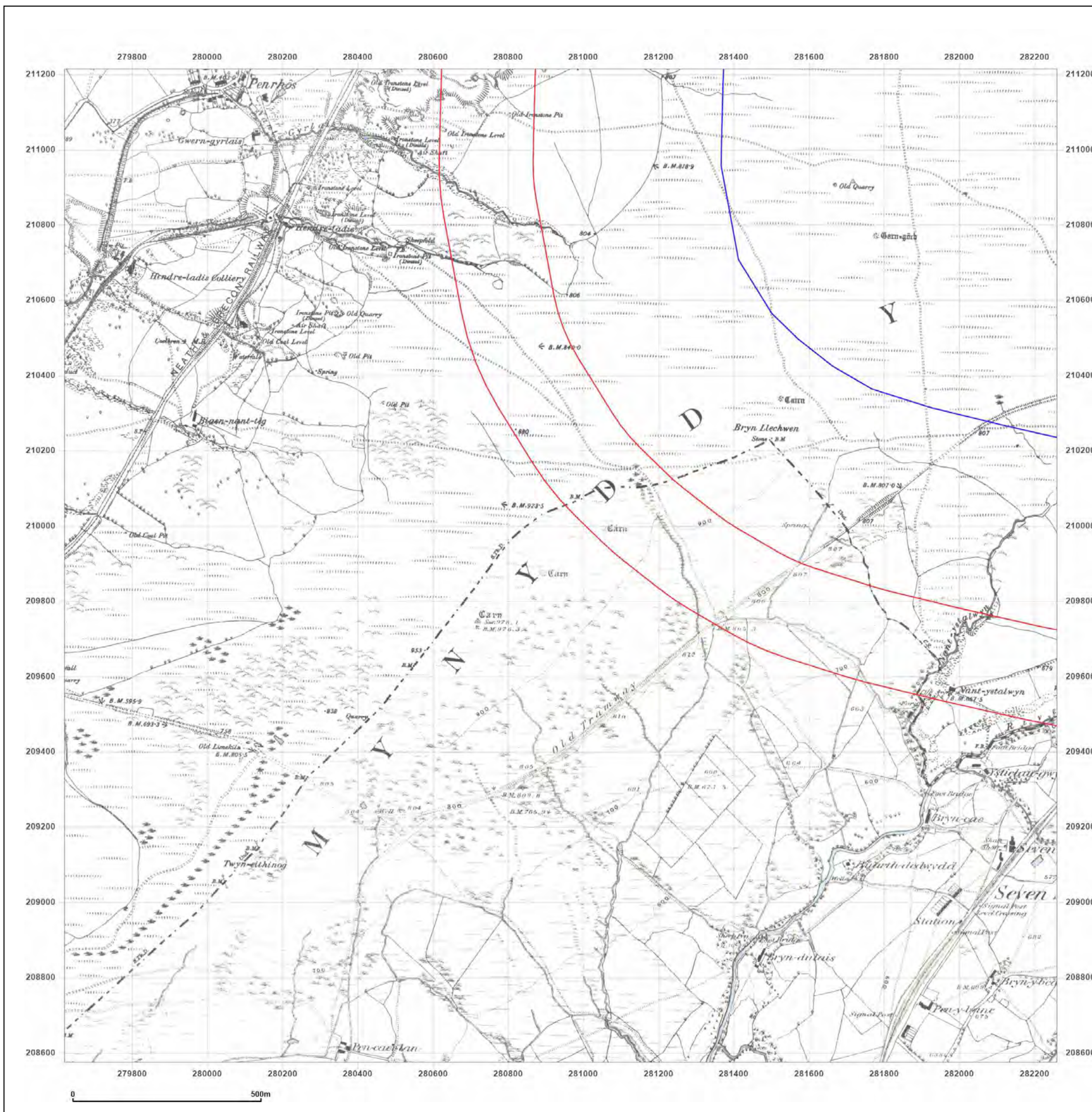


Produced by
Groundsure Insights
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W: www.groundsure.com

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Production date: 12 May 2022

Map legend available at:
www.groundsure.com/sites/default/files/groundsure_legend.pdf



Site Details:

GCRE

Client Ref: GCRE
Report Ref: GSIP-2021-12345-10398_SS_1_1
Grid Ref: 280939, 209894

Map Name: County Series

Map date: 1901

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1876
 Revised 1901
 Edition N/A
 Copyright N/A
 Levelled N/A

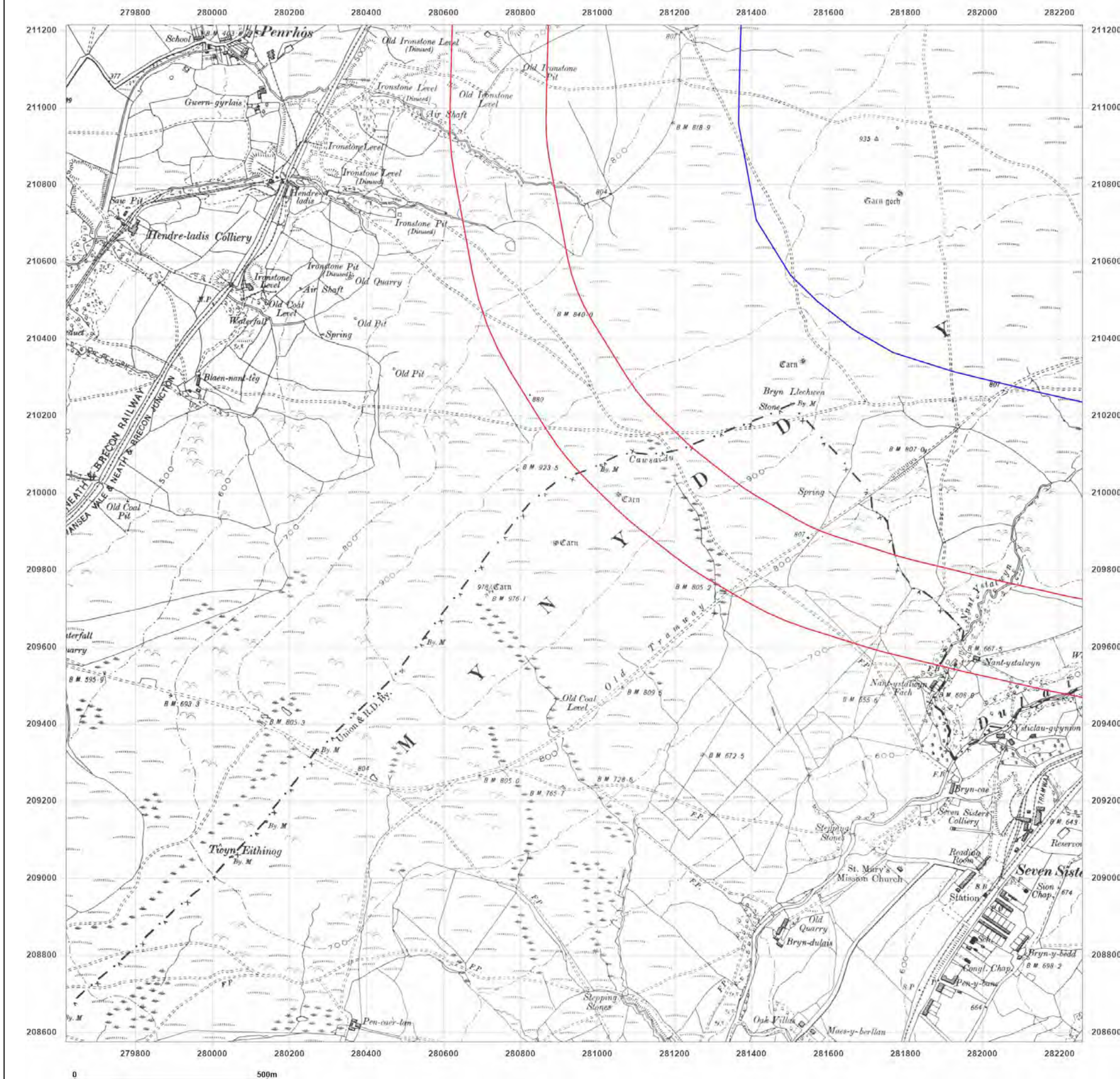


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Production date: 12 May 2022

Map legend available at:
www.groundsure.com/sites/default/files/groundsure_legend.pdf



Site Details:

GCRE

Client Ref: GCRE
Report Ref: GSIP-2021-12345-10398_SS_1_1
Grid Ref: 280939, 209894

Map Name: County Series

Map date: 1903

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1876
Revised 1903
Edition N/A
Copyright N/A
Levelled N/A

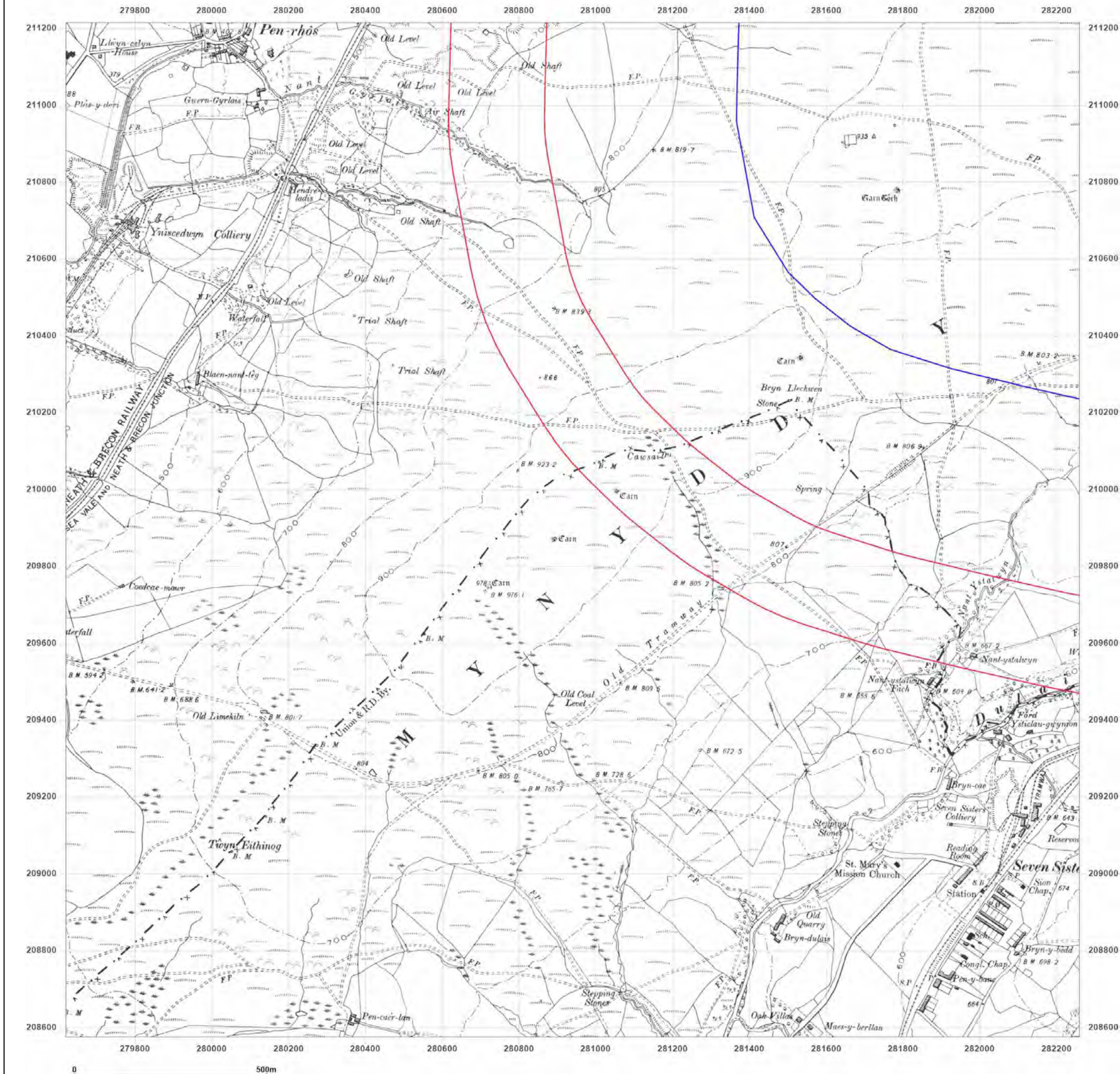


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Site Details:

GCRE

Client Ref: GCRE
Report Ref: GSIP-2021-12345-10398_SS_1_1
Grid Ref: 280939, 209894

Map Name: County Series

Map date: 1914

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1876
Revised 1914
Edition N/A
Copyright N/A
Levelled N/A

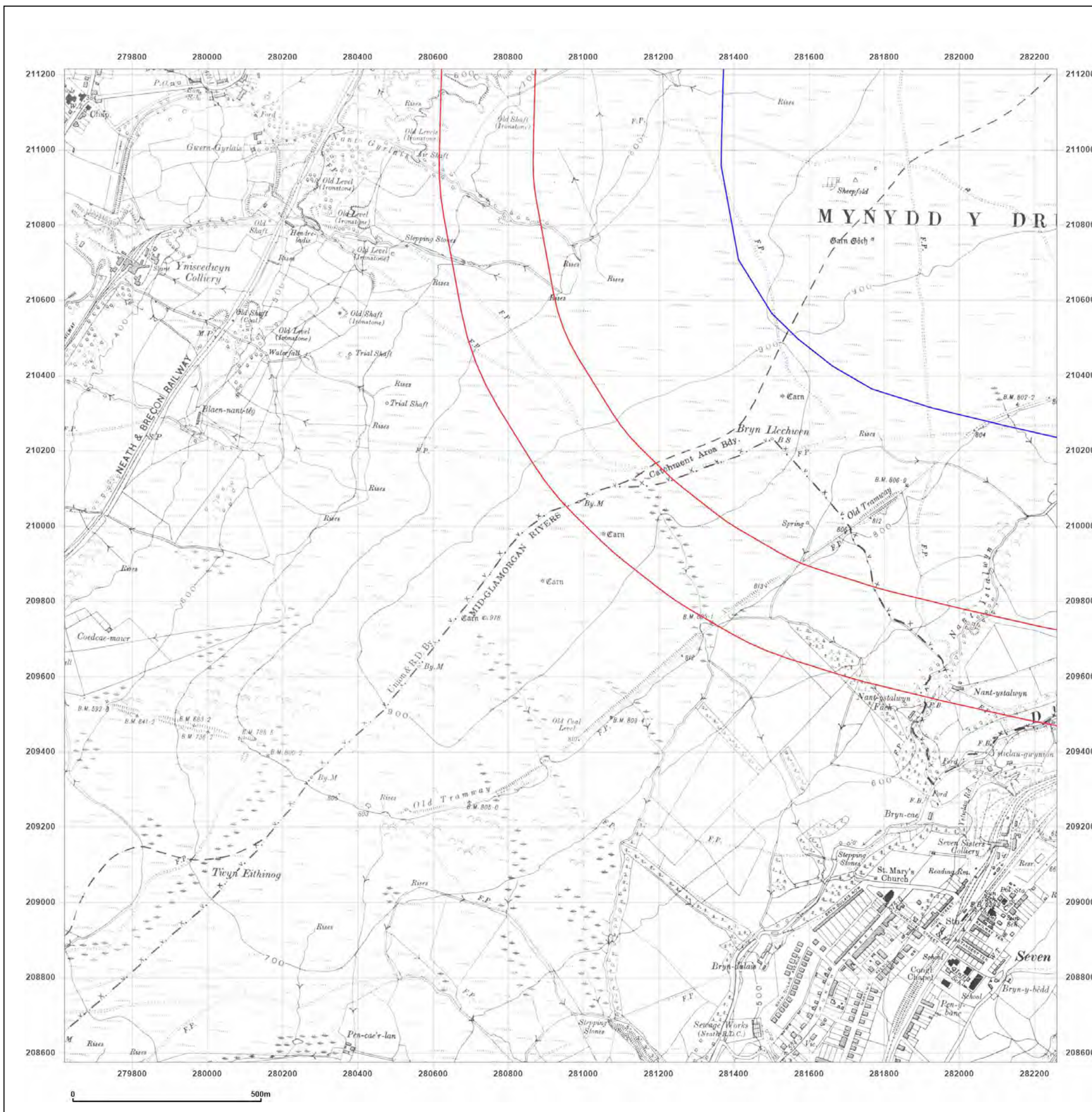


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Site Details:

GCRE

Client Ref: GCRE
Report Ref: GSIP-2021-12345-10398_SS_1_1
Grid Ref: 280939, 209894

Map Name: County Series

Map date: 1921

Scale: 1:10,560

Printed at: 1:10,560



Surveyed N/A
Revised N/A
Edition N/A
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Site Details:

GCRE

Client Ref: GCRE
Report Ref: GSIP-2021-12345-10398_SS_1_1
Grid Ref: 280939, 209894

Map Name: County Series

Map date: 1921

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1821
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

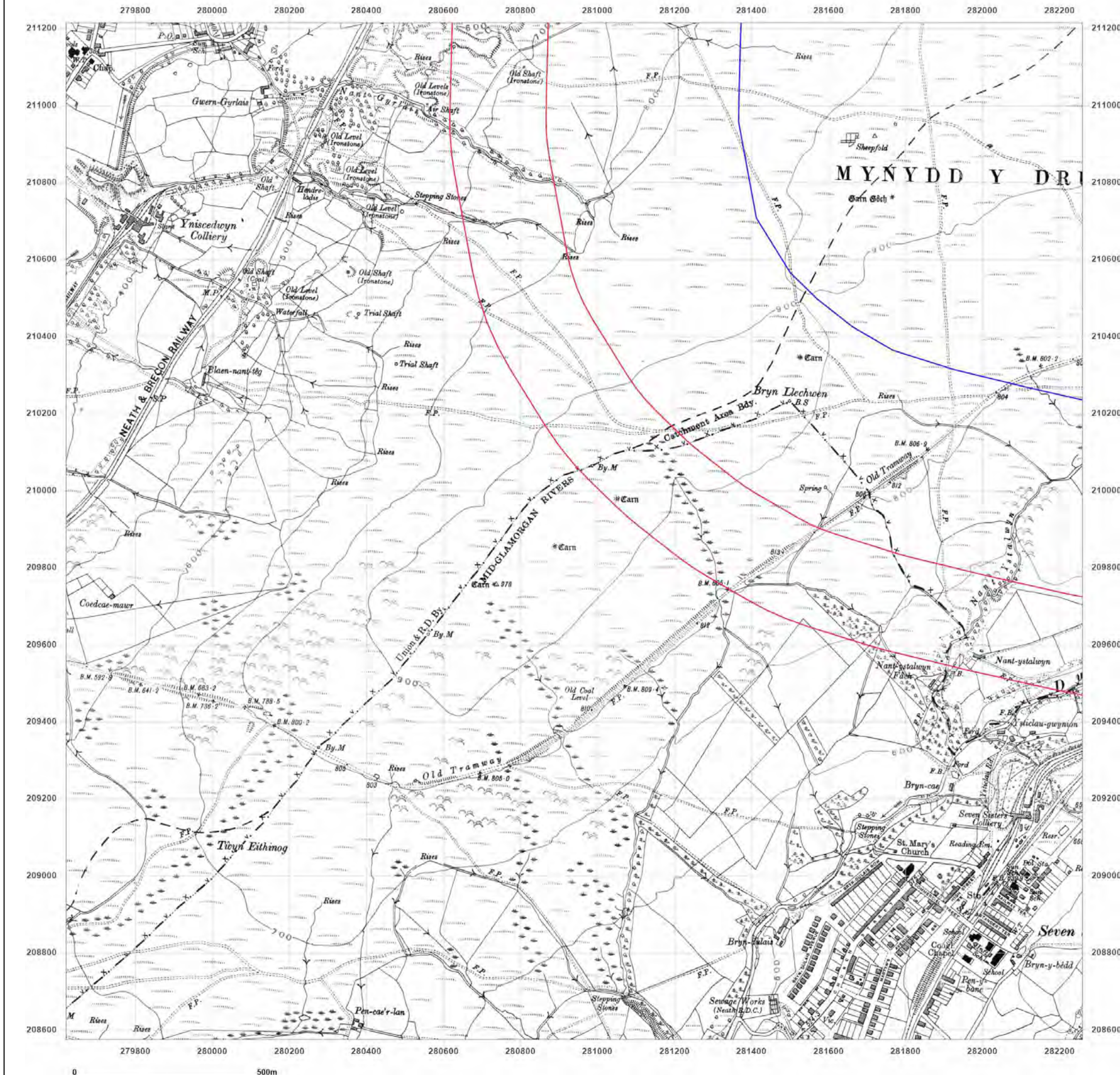


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Site Details:

GCRE

Client Ref: GCRE
Report Ref: GSIP-2021-12345-10398_SS_1_1
Grid Ref: 280939, 209894

Map Name: County Series

Map date: 1921

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1876
Revised 1921
Edition 1921
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