

Earth Science Partnership Ltd
33, CARDIFF ROAD,
TAFFS WELL, CF15 7RB

Groundsure ESP-3840554
Reference:
Your Reference: ESP_6626e_PO6046_DT

Report Date 28 Apr 2017

Report Delivery Email - pdf
Method:

Groundsure Enviro Insight

Address: Proposed Residential Development, East Street, Dowlais, Merthyr, CF48 3LB

Dear Sir/ Madam,

Thank you for placing your order with Groundsure. Please find enclosed the **Groundsure Enviro Insight** as requested.

If you need any further assistance, please do not hesitate to contact the Groundsure helpline on 08444 159 000 quoting the above report reference number.

Yours faithfully,

Earth Science Partnership Ltd

Enc.
Groundsure Enviroinsight

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Date: 28 Apr 2017
Reference: ESP-3840554
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NW

N

NE

W

E



SW

S

SE

Aerial Photograph Capture date: 23-Jul-2014
Grid Reference: 306717,207811
Site Size: 0.19ha

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Overview of Findings

For further details on each dataset, please refer to each individual section in the main report as listed. Where the database has been searched a numerical result will be recorded. Where the database has not been searched '-' will be recorded.

Section 1: Historical Industrial Sites	On-site	0-50	51-250	251-500
1.1 Potentially Contaminative Uses identified from 1:10,000 scale mapping	0	5	106	234
1.2 Additional Information – Historical Tank Database	0	0	33	96
1.3 Additional Information – Historical Energy Features Database	0	4	16	26
1.4 Additional Information – Historical Petrol and Fuel Site Database	0	0	0	0
1.5 Additional Information – Historical Garage and Motor Vehicle Repair Database	0	0	4	3
1.6 Potentially Infilled Land	0	1	18	117
Section 2: Environmental Permits, Incidents and Registers	On-site	0-50m	51-250	251-500
2.1 Industrial Sites Holding Environmental Permits and/or Authorisations				
2.1.1 Records of historic IPC Authorisations	0	0	0	0
2.1.2 Records of Part A(1) and IPPC Authorised Activities	0	0	0	0
2.1.3 Records of Red List Discharge Consents	0	0	0	0
2.1.4 Records of List 1 Dangerous Substances Inventory sites	0	0	0	0
2.1.5 Records of List 2 Dangerous Substances Inventory sites	0	0	0	0
2.1.6 Records of Part A(2) and Part B Activities and Enforcements	0	0	1	1
2.1.7 Records of Category 3 or 4 Radioactive Substances Authorisations	0	0	0	0
2.1.8 Records of Licensed Discharge Consents	0	0	0	1
2.1.9 Records of Water Industry Referrals	0	0	0	0
2.1.10 Records of Planning Hazardous Substance Consents and Enforcements within 500m of the study site	0	0	0	0
2.2 Records of COMAH and NIHHS sites	0	0	0	0
2.3 Environment Agency/Natural Resources Wales Recorded Pollution Incidents				
2.3.1 National Incidents Recording System, List 2	0	0	2	17
2.3.2 National Incidents Recording System, List 1	0	0	0	0
2.4 Sites Determined as Contaminated Land under Part 2A EPA 1990	0	0	0	0

Section 3: Landfill and Other Waste Sites	On-site	0-50m	51-250	251-500	501-1000	1000-1500
3.1 Landfill Sites						
3.1.1 Environment Agency/Natural Resources Wales Registered Landfill Sites	0	0	0	0	0	Not searched
3.1.2 Environment Agency/Natural Resources Wales Historic Landfill Sites	0	0	0	1	0	6
3.1.3 BGS/DoE Landfill Site Survey	0	0	0	0	0	0
3.1.4 Records of Landfills in Local Authority and Historical Mapping Records	0	0	0	0	4	11
3.2 Landfill and Other Waste Sites Findings						
3.2.1 Operational and Non-Operational Waste Treatment, Transfer and Disposal Sites	0	0	0	0	Not searched	Not searched
3.2.2 Environment Agency/Natural Resources Wales Licensed Waste Sites	0	0	0	0	14	11

Section 4: Current Land Use	On-site	0-50m	51-250	251-500
4.1 Current Industrial Sites Data	0	2	11	Not searched
4.2 Records of Petrol and Fuel Sites	0	0	0	0
4.3 National Grid Underground Electricity Cables	0	0	0	0
4.4 National Grid Gas Transmission Pipelines	0	0	0	0

Section 5: Geology	
5.1 Are there any records of Artificial Ground and Made Ground present beneath the study site?	No
5.2 Are there any records of Superficial Ground and Drift Geology present beneath the study site?	Yes
5.3 For records of Bedrock and Solid Geology beneath the study site see the detailed findings section.	

Section 6: Hydrogeology and Hydrology	0-500m					
6.1 Are there any records of Strata Classification in the Superficial Geology within 500m of the study site?	Yes					
6.2 Are there any records of Strata Classification in the Bedrock Geology within 500m of the study site?	Yes					
	On-site	0-50m	51-250	251-500	501-1000	1000-2000
6.3 Groundwater Abstraction Licences (within 2000m of the study site)	0	0	0	0	0	3
6.4 Surface Water Abstraction Licences (within 2000m of the study site)	0	0	0	0	0	3
6.5 Potable Water Abstraction Licences (within 2000m of the study site)	0	0	0	0	0	0
6.6 Source Protection Zones (within 500m of the study site)	0	0	0	0	Not searched	Not searched
6.7 Source Protection Zones within Confined Aquifer	0	0	0	0	Not searched	Not searched
6.8 Groundwater Vulnerability and Soil Leaching Potential (within 500m of the study site)	1	0	0	0	Not searched	Not searched

Section 6: Hydrogeology and Hydrology		0-500m				
	On-site	0-50m	51-250	251-500	501-1000	1000-1500
6.9 Is there any Environment Agency/Natural Resources Wales information on river quality within 1500m of the study site?	No	No	No	No	Yes	No
6.10 Detailed River Network entries within 500m of the site	0	0	0	4	Not searched	Not searched
6.11 Surface water features within 250m of the study site	No	No	Yes	Not searched	Not searched	Not searched

Section 7: Flooding	
7.1 Are there any Environment Agency Zone 2 floodplains within 250m of the study site?	No
7.2 Are there any Environment Agency/Natural Resources Wales Zone 3 floodplains within 250m of the study site	No
7.3 What is the Risk of flooding from Rivers and the Sea (RoFRaS) rating for the study site?	Very Low
7.4 Are there any Flood Defences within 250m of the study site?	No
7.5 Are there any areas benefiting from Flood Defences within 250m of the study site?	No
7.6 Are there any areas used for Flood Storage within 250m of the study site?	No
7.7 What is the maximum BGS Groundwater Flooding susceptibility within 50m of the study site?	Potential at Surface
7.8 What is the BGS confidence rating for the Groundwater Flooding susceptibility areas?	High

Section 8: Designated Environmentally Sensitive Sites	On-site	0-50m	51-250	251-500	501-1000	1000-2000
8.1 Records of Sites of Special Scientific Interest (SSSI)	0	0	0	0	0	0
8.2 Records of National Nature Reserves (NNR)	0	0	0	0	0	0
8.3 Records of Special Areas of Conservation (SAC)	0	0	0	0	0	0
8.4 Records of Special Protection Areas (SPA)	0	0	0	0	0	0
8.5 Records of Ramsar sites	0	0	0	0	0	0
8.6 Records of Ancient Woodlands	0	0	0	0	0	2
8.7 Records of Local Nature Reserves (LNR)	0	0	0	0	0	0
8.8 Records of World Heritage Sites	0	0	0	0	0	0
8.9 Records of Environmentally Sensitive Areas	0	0	0	0	0	0

Section 8: Designated Environmentally Sensitive Sites	On-site	0-50m	51-250	251-500	501-1000	1000-2000
8.10 Records of Areas of Outstanding Natural Beauty (AONB)	0	0	0	0	0	0
8.11 Records of National Parks	0	0	0	0	0	0
8.12 Records of Nitrate Sensitive Areas	0	0	0	0	0	0
8.13 Records of Nitrate Vulnerable Zones	0	0	0	0	0	0
8.14 Records of Green Belt land	0	0	0	0	0	0

Section 9: Natural Hazards

9.1 What is the maximum risk of natural ground subsidence?	Very Low
9.1.1 What is the maximum Shrink-Swell hazard rating identified on the study site?	Very Low
9.1.2 What is the maximum Landslides hazard rating identified on the study site?	Very Low
9.1.3 What is the maximum Soluble Rocks hazard rating identified on the study site?	Negligible
9.1.4 What is the maximum Compressible Ground hazard rating identified on the study site?	Negligible
9.1.5 What is the maximum Collapsible Rocks hazard rating identified on the study site?	Very Low
9.1.6 What is the maximum Running Sand hazard rating identified on the study site?	Very Low
9.2 Radon	
9.2.1 Is the property in a Radon Affected Area as defined by the Health Protection Agency (HPA) and if so what percentage of homes are above the Action Level?	The property is not in a Radon Affected Area, as less than 1% of properties are above the Action Level.
9.2.2 Is the property in an area where Radon Protection are required for new properties or extensions to existing ones as described in publication BR211 by the Building Research Establishment?	No radon protective measures are necessary.

Section 10: Mining

10.1 Are there any coal mining areas within 75m of the study site?	Yes
10.2 Are there any Non-Coal Mining areas within 50m of the study site boundary?	Yes
10.3 Are there any brine affected areas within 75m of the study site?	No

Using this report

The following report is designed by Environmental Consultants for Environmental Professionals bringing together the most up-to-date market leading environmental data. This report is provided under and subject to the Terms & Conditions agreed between Groundsure and the Client. The document contains the following sections:

1. Historical Industrial Sites

Provides information on past land uses that may pose a risk to the study site in terms of potential contamination from activities or processes. Potentially Infilled Land features are also included. This search is conducted using radii of up to 500m.

2. Environmental Permits, Incidents and Registers

Provides information on Regulated Industrial Activities and Pollution Incidents as recorded by Regulatory Authorities, and sites determined as Contaminated Land. This search is conducted using radii up to 500m.

3. Landfills and Other Waste Sites

Provides information on landfills and other waste sites that may pose a risk to the study site. This search is conducted using radii up to 1500m.

4. Current Land Uses

Provides information on current land uses that may pose a risk to the study site in terms of potential contamination from activities or processes. These searches are conducted using radii of up to 500m. This includes information on potentially contaminative industrial sites, petrol stations and fuel sites as well as high pressure gas pipelines and underground electricity transmission lines.

5. Geology

Provides information on artificial and superficial deposits and bedrock beneath the study site.

6. Hydrogeology and Hydrology

Provides information on productive strata within the bedrock and superficial geological layers, abstraction licenses, Source Protection Zones (SPZs) and river quality. These searches are conducted using radii of up to 2000m.

7. Flooding

Provides information on river and coastal flooding, flood defences, flood storage areas and groundwater flood areas. This search is conducted using radii of up to 250m.

8. Designated Environmentally Sensitive Sites

Provides information on the Sites of Special Scientific Interest (SSSI), National Nature Reserves (NNR), Special Areas of Conservation (SAC), Special Protection Areas (SPA), Ramsar sites, Local Nature Reserves (LNR), Areas of Outstanding Natural Beauty (AONB), National Parks (NP), Environmentally Sensitive Areas, Nitrate Sensitive Areas, Nitrate Vulnerable Zones and World Heritage Sites and Scheduled Ancient Woodland. These searches are conducted using radii of up to 2000m.

9. Natural Hazards

Provides information on a range of natural hazards that may pose a risk to the study site. These factors include natural ground subsidence and radon..

10. Mining

Provides information on areas of coal and non-coal mining and brine affected areas.

11. Contacts

This section of the report provides contact points for statutory bodies and data providers that may be able to provide further information on issues raised within this report. Alternatively, Groundsure provide a free Technical Helpline (08444 159000) for further information and guidance.

Note: Maps

Only certain features are placed on the maps within the report. All features represented on maps found within this search are given an identification number. This number identifies the feature on the mapping and correlates it to the additional information provided below. This identification number precedes all other information and takes the following format -Id: 1, Id: 2, etc. Where numerous features on the same map are in such close proximity that the numbers would obscure each other a letter identifier is used instead to represent the features. (e.g. Three features which overlap may be given the identifier "A" on the map and would be identified separately as features 1A, 3A, 10A on the data tables provided).

Where a feature is reported in the data tables to a distance greater than the map area, it is noted in the data table as "Not Shown".

All distances given in this report are in Metres (m). Directions are given as compass headings such as N: North, E: East, NE: North East from the nearest point of the study site boundary.

1. Historical Industrial Sites

1.1 Potentially Contaminative Uses identified from 1:10,000 scale Mapping

The systematic analysis of data extracted from standard 1:10,560 and 1:10,000 scale historical maps provides the following information:

Records of sites with a potentially contaminative past land use within 500m of the search boundary: 345

ID	Distance [m]	Direction	Use	Date
1CP	9	NW	Grave Yard	1875
2	31	N	Railway Sidings	1903
3BU	33	N	Railway Sidings	1948
4	34	N	Railway Sidings	1875
5	38	N	Railway Sidings	1922
6	52	SE	Hospital	1875
7AR	64	S	Iron Works	1875
8	102	NW	Unspecified Works	1975
9A	102	NW	Unspecified Works	1982
10BT	102	NW	Railway Sidings	1975
11	103	S	Unspecified Factories	1965
12A	104	NW	Iron Works	1965
13J	104	S	Unspecified Mill	1903
14	104	S	Railway Sidings	1903
15D	111	S	Iron Works	1901
16U	111	SE	Iron Works	1922
17B	111	SE	Unspecified Heap	1922
18B	111	SE	Unspecified Heap	1922
19C	112	SE	Unspecified Factory	1982
20C	112	SE	Unspecified Factory	1975
21D	113	S	Railway Sidings	1901
22E	114	S	Unspecified Mill	1921
23	114	S	Railway Sidings	1875
24K	114	S	Unspecified Factory	1992
25G	114	SE	Unspecified Ground Workings	1901
26E	115	S	Unspecified Mill	1915
27	115	SE	Unspecified Works	1965
28F	115	S	Iron Works	1922
29F	115	S	Iron Works	1922
30DP	116	S	Railway Sidings	1938
31	116	S	Iron Works	1938
32	116	S	Railway Sidings	1921
33	116	NW	Railway Sidings	1965

34I	118	NW	Railway Sidings	1901
35G	118	SE	Unspecified Heap	1903
36B	119	SE	Unspecified Heap	1921
37BN	121	S	Railway Sidings	1922
38H	121	S	Railway Sidings	1922
39H	121	S	Railway Sidings	1922
40	123	SE	Unspecified Factory	1992
41AI	124	S	Unspecified Commercial/Industrial	1901
42	124	S	Railway Sidings	1915
43A	128	NW	Railway Sidings	1921
44A	128	NW	Iron Works	1921
45A	131	NW	Iron Works	1903
46L	135	NW	Railway Building	1965
47A	136	NW	Iron Works	1901
48	137	NW	Unspecified Commercial/Industrial	1922
49I	138	NW	Unspecified Commercial/Industrial	1948
50	139	S	Unspecified Factories	1982
51E	139	S	Unspecified Factories	1975
52	141	S	Unspecified Commercial/Industrial	1903
53	142	S	Iron Works	1921
54J	144	S	Plastic Factory	1948
55	153	S	Iron Works	1915
56K	153	S	Railway Sidings	1922
57K	153	S	Railway Sidings	1922
58L	157	NW	Railway Building	1922
59E	159	SW	Unspecified Mill	1875
60CQ	161	SE	Unspecified Pits	1948
61M	165	NW	Goods Shed	1921
62M	165	NW	Goods Shed	1903
63	167	NW	Railway Station	1875
64M	167	NW	Goods Shed	1901
65M	169	NW	Goods Shed	1922
66	169	SE	Unspecified Commercial/Industrial	1938
67M	171	NW	Goods Shed	1875
68M	171	NW	Railway Building	1965
69CS	175	SE	Unspecified Pit	1921
70CR	180	S	Unspecified Ground Workings	1982
71C	181	SE	Unspecified Pit	1938
72C	181	SE	Unspecified Pit	1938
73AC	184	E	Iron Works	1948
74C	184	SE	Unspecified Ground Workings	1922

75C	184	SE	Unspecified Ground Workings	1922
76C	184	SE	Unspecified Pit	1915
77S	185	SE	Iron Works	1875
78N	195	W	Police Station	1982
79N	195	W	Police Station	1992
80N	195	W	Police Station	1975
81	198	N	Railway Sidings	1982
82CT	205	S	Refuse Heap	1903
83CU	207	W	Burial Ground	1875
84O	211	SE	Unspecified Tank	1921
85CV	212	S	Refuse Heap	1903
86W	212	NW	Railway Station	1921
87O	214	SE	Unspecified Tanks	1922
88P	214	NW	Railway Station	1901
89	215	N	Iron Works	1875
90P	215	NW	Railway Station	1903
91Q	216	E	Railway Sidings	1922
92AV	216	E	Iron Works	1921
93P	219	NW	Railway Station	1922
94Q	220	E	Railway Sidings	1921
95P	220	NW	Railway Station	1948
96O	220	SE	Unspecified Tanks	1921
97P	221	NW	Railway Station	1965
98P	221	NW	Railway Building	1875
99R	224	E	Iron Works	1901
100R	224	E	Railway Sidings	1901
101	228	N	Iron Works	1922
102V	235	SW	Unspecified Works	1965
103S	235	SE	Unspecified Commercial/Industrial	1875
104T	237	S	Unspecified Mill	1922
105T	237	S	Unspecified Mill	1922
106T	238	S	Unspecified Mill	1938
107BR	238	E	Unspecified Tank	1965
108U	240	SE	Iron Works	1903
109V	241	SW	Agricultural Engineering Works	1948
110CW	246	S	Unspecified Ground Workings	1965
111W	247	NW	Railway Building	1901
112	253	NW	Railway Building	1875
113CY	277	S	Unspecified Shaft	1875
114X	278	SE	Unspecified Tanks	1901
115	281	S	Railway Sidings	1948
116X	282	SE	Unspecified Tanks	1903
117X	284	SE	Unspecified Tank	1875

118CX	285	S	Refuse Heap	1948
119BX	289	E	Unspecified Tank	1965
120AU	291	E	Railway Sidings	1975
121CI	298	S	Unspecified Mill	1901
122Y	298	SE	Unspecified Tank	1922
123Y	298	SE	Unspecified Tank	1922
124Y	298	SE	Unspecified Tank	1921
125Y	299	SE	Unspecified Tank	1915
126Y	300	SE	Unspecified Tank	1938
127X	305	SE	Unspecified Tank	1875
128	306	SW	Iron Works	1903
129DA	319	S	Railway Sidings	1875
130AD	320	N	Unspecified Commercial/Industrial	1922
131S	322	E	Unspecified Tanks	1901
132S	323	E	Unspecified Tanks	1922
133U	324	E	Brick Kilns	1875
134Z	324	SE	Unspecified Tanks	1948
135Z	324	SE	Unspecified Tanks	1903
136DC	324	S	Unspecified Ground Workings	1992
137AA	325	E	Unspecified Tanks	1903
138Z	325	SE	Unspecified Tanks	1901
139Z	325	SE	Unspecified Tanks	1921
140Z	326	SE	Unspecified Tanks	1922
141Z	326	SE	Unspecified Tanks	1922
142Z	327	SE	Unspecified Tanks	1915
143U	328	E	Unspecified Tank	1921
144DD	333	S	Refuse Heap	1903
145DB	333	S	Refuse Heap	1901
146CA	334	E	Smithy	1922
147AA	338	E	Unspecified Tank	1901
148AB	338	E	Smithy	1948
149AB	340	E	Smithy	1921
150CZ	341	S	Refuse Heap	1903
151AC	343	E	Chimney	1965
152AA	343	E	Chimney	1982
153AA	343	E	Chimney	1975
154AL	343	S	Disused Brick Works	1948
155AE	346	SE	Railway Building	1901
156Z	347	SE	Unspecified Tank	1938
157AF	356	S	Unspecified Factory	1992
158AO	362	SE	Railway Sidings	1948
159AD	364	NE	Unspecified Pit	1992
160AE	366	SE	Unspecified Tank	1903
161AE	371	SE	Unspecified Tank	1921

162AE	372	SE	Unspecified Tank	1901
163AE	373	SE	Unspecified Tank	1922
164AE	373	SE	Unspecified Tank	1922
165AF	374	S	Railway Building	1901
166AE	374	SE	Unspecified Tank	1915
167AG	375	SE	Unspecified Tanks	1903
168BF	375	S	Railway Sidings	1901
169AE	376	SE	Unspecified Tank	1938
170DF	376	S	Unspecified Tip	1875
171AG	378	SE	Unspecified Tank	1922
172AG	378	SE	Unspecified Tank	1922
173AG	378	SE	Unspecified Tank	1915
174AG	378	SE	Unspecified Tank	1901
175AH	383	N	Unspecified Tank	1903
176AF	383	S	Railway Building	1901
177DG	384	S	Unspecified Tip	1903
178AS	384	S	Ground Workings and Refuse Heap	1915
179AH	385	N	Unspecified Tank	1901
180AH	386	N	Unspecified Tank	1922
181AI	387	SE	Unspecified Tanks	1903
182AI	390	SE	Unspecified Tanks	1921
183AJ	390	NE	Refuse Heap	1922
184AJ	390	NE	Refuse Heap	1922
185AI	391	SE	Unspecified Tanks	1901
186AI	392	SE	Unspecified Tanks	1922
187AI	392	SE	Unspecified Tanks	1922
188AK	393	SW	Unspecified Works	1982
189AK	393	SW	Unspecified Works	1965
190AK	393	SW	Unspecified Works	1975
191	393	SW	Unspecified Commercial/Industrial	1948
192AL	393	S	Brick Works	1903
193AI	394	SE	Unspecified Tanks	1915
194AI	395	SE	Unspecified Tanks	1938
195DI	395	S	Cuttings	1938
196AL	398	S	Unspecified Commercial/Industrial	1965
197DJ	399	S	Refuse Heap	1901
198BJ	399	S	Brick Works	1915
199AM	399	SE	Brick Works	1938
200AM	399	SE	Brick Works	1938
201BK	401	S	Brick Works	1921
202AN	403	SE	Unspecified Tank	1922
203AN	403	SE	Unspecified Tank	1922
204AN	405	SE	Unspecified Tank	1915
205DK	406	S	Unspecified Tip	1965

206AI	408	SE	Unspecified Tank	1948
207DL	409	NE	Unspecified Heaps	1965
208AX	411	S	Brick Works	1901
209DM	411	S	Unspecified Tip	1948
210BC	411	E	Unspecified Ground Workings	1965
211AO	412	SE	Railway Building	1948
212AI	413	SE	Chimney	1965
213AP	415	NW	Unspecified Tanks	1903
214AQ	415	SE	Unspecified Tanks	1903
215AP	416	NW	Unspecified Tanks	1875
216AQ	416	SE	Unspecified Tanks	1921
217AP	417	NW	Unspecified Tanks	1901
218AR	417	S	Engine House	1875
219AQ	418	SE	Unspecified Tanks	1922
220AQ	418	SE	Unspecified Tanks	1922
221	419	SE	Railway Building	1948
222AQ	419	SE	Unspecified Tanks	1915
223AP	419	NW	Unspecified Tanks	1922
224AQ	419	SE	Unspecified Tanks	1901
225AQ	420	SE	Unspecified Tanks	1938
226	421	SW	Bakery	1965
227AT	424	E	Unspecified Heap	1901
228AS	424	S	Unspecified Disused Tip	1982
229AS	424	S	Unspecified Tip	1975
230AT	425	E	Unspecified Heap	1922
231AT	425	E	Unspecified Heap	1922
232DN	425	S	Unspecified Disused Tip	1992
233AU	426	SE	Railway Building	1965
234AV	427	E	Unspecified Heap	1948
235AT	428	E	Unspecified Heap	1903
236AT	428	E	Unspecified Heap	1921
237AW	429	SW	Unspecified Commercial/Industrial	1975
238AW	429	SW	Unspecified Factory	1965
239AL	432	S	Unspecified Tanks	1903
240AL	432	S	Unspecified Tanks	1948
241DO	437	S	Unspecified Tips	1901
242AL	438	S	Unspecified Tanks	1901
243AM	440	S	Brick Works	1922
244AM	440	S	Brick Works	1922
245AL	442	S	Unspecified Tanks	1965
246AL	442	S	Unspecified Tanks	1922
247AL	442	S	Unspecified Tanks	1922
248AL	444	S	Unspecified Tanks	1915
249AL	446	S	Unspecified Tanks	1921

250AL	446	S	Unspecified Tanks	1938
251AY	448	SE	Coke Ovens	1903
252AX	448	S	Unspecified Tank	1903
253AX	448	S	Unspecified Tank	1948
254AX	450	S	Unspecified Tanks	1948
255AX	450	S	Unspecified Tanks	1903
256AW	451	SW	Hosiery Factory	1948
257AZ	451	SE	Brick Works	1875
258AY	452	SE	Coke Ovens	1901
259AZ	453	S	Unspecified Tanks	1948
260AZ	453	S	Unspecified Tanks	1922
261AZ	453	S	Unspecified Tanks	1922
262BB	454	NE	Old Ironstone Shaft	1921
263BA	454	S	Unspecified Tank	1922
264BA	454	S	Unspecified Tank	1922
265BD	454	NE	Cuttings	1903
266AZ	454	SE	Unspecified Tanks	1915
267AZ	454	S	Unspecified Tanks	1915
268DQ	455	NE	Cuttings	1875
269AX	455	S	Unspecified Tank	1901
270BA	455	SE	Unspecified Tank	1903
271BA	455	SE	Unspecified Tank	1875
272AZ	455	S	Unspecified Tanks	1938
273BB	455	NE	Old Ironstone Shaft	1922
274AZ	455	SE	Unspecified Tanks	1938
275AY	456	SE	Coke Ovens	1921
276AY	456	SE	Coke Ovens	1922
277AY	456	SE	Coke Ovens	1922
278BE	457	NE	Cuttings	1901
279AX	457	S	Unspecified Tank	1901
280AZ	458	S	Unspecified Tanks	1875
281AY	458	SE	Coke Ovens	1938
282AX	458	S	Unspecified Tank	1922
283AX	458	S	Unspecified Tank	1922
284AX	458	S	Unspecified Tank	1965
285AY	458	SE	Coke Ovens	1915
286DR	459	NE	Unspecified Pit	1875
287AL	459	S	Unspecified Tank	1901
288BC	460	E	Unspecified Pit	1922
289BC	460	E	Unspecified Pit	1922
290AX	460	S	Unspecified Tank	1915
291AX	461	S	Unspecified Tanks	1922
292AX	461	S	Unspecified Tanks	1922
293AX	461	S	Unspecified Tank	1921
294	462	NW	Railway Building	1875
295AX	462	S	Unspecified Tanks	1915

296BC	463	E	Unspecified Ground Workings	1901
297AX	463	S	Unspecified Tank	1938
298AZ	463	SE	Unspecified Tank	1901
299AX	463	S	Unspecified Tank	1922
300AX	463	S	Unspecified Tank	1922
301AZ	463	S	Unspecified Tanks	1921
302AX	464	S	Unspecified Tanks	1921
303BC	464	E	Unspecified Heap	1903
304AX	465	S	Unspecified Tank	1915
305BD	466	NE	Cuttings	1965
306AZ	466	SE	Unspecified Tank	1922
307AZ	466	SE	Unspecified Tank	1922
308AX	467	S	Unspecified Tank	1921
309DS	468	NE	Cuttings	1921
310BE	468	NE	Cuttings	1948
311DT	468	NE	Cuttings	1922
312AX	469	S	Unspecified Tank	1901
313AZ	470	SE	Unspecified Tank	1921
314BF	473	SE	Coal Shoots	1875
315	479	S	Railway Sidings	1901
316BG	481	SE	Coke Ovens	1903
317BG	482	SE	Railway Building	1965
318	482	SE	Railway Building	1948
319BG	483	SE	Coke Ovens	1921
320BG	484	SE	Coke Ovens	1901
321BH	484	NW	Cuttings	1965
322BG	485	SE	Coke Ovens	1922
323BG	485	SE	Coke Ovens	1922
324BL	486	S	Unspecified Pits	1903
325BH	486	NW	Unspecified Pit	1982
326BH	486	NW	Unspecified Pit	1992
327BH	486	NW	Cuttings	1975
328BI	486	NE	Unspecified Heap	1922
329BI	486	NE	Unspecified Heap	1922
330BG	486	SE	Railway Building	1948
331BG	486	SE	Coke Ovens	1915
332BG	487	SE	Coke Ovens	1938
333BM	488	S	Refuse Heap	1903
334BG	490	SE	Railway Building	1975
335BJ	493	S	Railway Sidings	1901
336BK	494	S	Refuse Heap	1975
337BK	494	S	Refuse Heap	1982
338BL	497	S	Unspecified Ground Workings and Heap	1922
339BL	497	S	Unspecified Ground Workings and Heap	1922

340BK	497	S	Unspecified Ground Workings	1938
341BK	497	S	Unspecified Ground Workings	1938
342DU	498	S	Unspecified Ground Workings	1915
343BM	498	S	Unspecified Pit	1948
344DV	499	SW	Refuse Heap	1903
345DW	499	SE	Cuttings	1903

1.2 Additional Information – Historical Tank Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical tanks within 500m of the search boundary:

129

ID	Distance (m)	Direction	Use	Date
346B	139	SE	Unspecified Tank	1920
347BN	188	SE	Unspecified Tank	1920
348BN	201	SE	Unspecified Tank	1920
349BO	205	NW	Unspecified Tank	1956
350BO	205	NW	Unspecified Tank	1956
351BP	205	N	Unspecified Tank	1977
352BP	205	N	Unspecified Tank	1967
353BP	206	N	Unspecified Tank	1989
354BP	206	N	Unspecified Tank	1966
355BP	206	N	Unspecified Tank	1995
356	211	SW	Unspecified Tank	1996
357BQ	214	SE	Unspecified Tank	1987
358BQ	214	SE	Unspecified Tank	1995
359BQ	214	SE	Unspecified Tank	1996
360BQ	215	SE	Unspecified Tank	1983
361O	215	E	Tanks	1920
362BQ	217	SE	Tanks	1920
363BR	225	E	Unspecified Tank	1920
364BS	230	N	Settling Tank	1989
365BS	230	N	Settling Tank	1977
366BS	231	NE	Settling Tank	1989
367BS	231	NE	Settling Tank	1977
368BT	241	N	Unspecified Tank	1956
369BT	241	N	Unspecified Tank	1956
370BU	247	N	Settling Tank	1977
371BS	247	N	Settling Tank	1989
372BS	248	NE	Settling Tank	1989

373BS	248	NE	Settling Tank	1977
374BV	249	N	Unspecified Tank	1989
375BV	249	N	Unspecified Tank	1967
376BV	249	N	Unspecified Tank	1977
377BV	249	N	Unspecified Tank	1995
378BV	249	N	Unspecified Tank	1966
379	252	E	Unspecified Tank	1920
380BU	263	N	Unspecified Tank	1956
381BU	263	N	Unspecified Tank	1956
382BU	264	NE	Unspecified Tank	1956
383BU	264	NE	Unspecified Tank	1956
384BS	265	NE	Unspecified Tank	1967
385BS	265	NE	Unspecified Tank	1956
386BS	265	NE	Unspecified Tank	1989
387BS	265	NE	Unspecified Tank	1977
388BS	265	NE	Unspecified Tank	1956
389BU	265	NE	Unspecified Tank	1966
390BW	269	N	Unspecified Tank	1977
391BW	269	N	Unspecified Tank	1989
392BW	269	N	Unspecified Tank	1995
393X	271	SE	Tanks	1920
394X	278	SE	Tanks	1899
395BX	278	SE	Unspecified Tank	1920
396X	285	SE	Unspecified Tank	1875
397	287	SE	Unspecified Tank	1875
398BX	291	E	Unspecified Tank	1955
399BX	291	E	Unspecified Tank	1988
400BX	291	E	Unspecified Tank	1961
401Y	297	SE	Unspecified Tank	1919
402BY	303	NE	Tanks	1956
403BY	303	NE	Tanks	1956
404X	304	SE	Unspecified Tank	1875
405X	305	SE	Unspecified Tank	1920
406AA	323	E	Tanks	1920
407AA	323	E	Tanks	1899
408Z	325	SE	Tanks	1919
409Z	326	SE	Tanks	1900
410Z	330	SE	Unspecified Tank	1875
411	330	E	Tank or Trough	1875
412AA	336	E	Unspecified Tank	1899
413BZ	340	N	Unspecified Tank	1875
414BZ	341	N	Unspecified Tank	1899
415CA	342	E	Unspecified Tank	1920
416BZ	349	N	Unspecified Tank	1875
417BZ	349	N	Unspecified Tank	1899
418AG	349	SE	Unspecified Tank	1875

419	352	S	Unspecified Tank	1972
420AB	353	E	Unspecified Tank	1920
421AG	365	SE	Unspecified Tank	1875
422AE	370	SE	Unspecified Tank	1919
423AE	370	SE	Unspecified Tank	1900
424AG	373	SE	Unspecified Tank	1919
425AE	373	SE	Unspecified Tank	1875
426AH	376	N	Unspecified Tank	1875
427AG	380	SE	Unspecified Tank	1875
428AH	387	N	Unspecified Tank	1899
429AH	387	N	Unspecified Tank	1920
430AI	389	SE	Tanks	1919
431AI	390	SE	Tanks	1900
432AH	391	N	Unspecified Tank	1875
433AN	403	SE	Unspecified Tank	1875
434DH	403	N	Unspecified Tank	1977
435AN	405	SE	Unspecified Tank	1875
436AI	409	SE	Unspecified Tank	1875
437AI	414	SE	Unspecified Tank	1875
438AQ	414	SE	Unspecified Tank	1875
439AQ	418	SE	Tanks	1919
440AQ	418	SE	Tanks	1900
441AP	420	NW	Tanks	1899
442AP	420	NW	Tanks	1875
443AP	420	NW	Tanks	1920
444AQ	424	SE	Unspecified Tank	1875
445AQ	433	SE	Unspecified Tank	1875
446AL	441	S	Tanks	1919
447AL	441	S	Tanks	1900
448AL	442	S	Tanks	1956
449AL	442	S	Tanks	1961
450AL	442	S	Tanks	1956
451CB	449	E	Unspecified Tank	1900
452CB	449	E	Unspecified Tank	1919
453CB	449	E	Unspecified Tank	1875
454BA	449	SE	Unspecified Tank	1875
455AZ	451	SE	Tanks	1919
456AZ	451	SE	Tanks	1900
457AZ	452	S	Tanks	1875
458AX	453	S	Unspecified Tank	1956
459AZ	453	S	Tanks	1900
460AZ	453	S	Tanks	1919
461AX	453	S	Unspecified Tank	1956
462AX	453	S	Unspecified Tank	1961
463AX	457	S	Unspecified Tank	1956
464AX	457	S	Unspecified Tank	1961

465AX	457	S	Unspecified Tank	1956
466AX	458	S	Unspecified Tank	1919
467AX	458	S	Unspecified Tank	1900
468AX	460	S	Tanks	1900
469AX	460	S	Tanks	1919
470AX	462	S	Unspecified Tank	1919
471AX	462	S	Unspecified Tank	1900
472CC	474	N	Unspecified Tank	1977
473CC	483	N	Tanks	1977
474CC	487	N	Tanks	1977

1.3 Additional Information – Historical Energy Features Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical energy features within 500m of the search boundary:

46

ID	Distance (m)	Direction	Use	Date
475CD	4	W	Electricity Substation	1974
476CD	5	W	Electricity Substation	1995
477CD	5	W	Electricity Substation	1996
478CD	5	W	Electricity Substation	1983
479CE	139	SE	Electricity Substation	1987
480CE	140	SE	Electricity Substation	1996
481CE	140	SE	Electricity Substation	1995
482CE	140	SE	Electricity Substation	1983
483CE	150	SE	Electricity Substation	1987
484CE	153	SE	Electricity Substation	1996
485CE	153	SE	Electricity Substation	1995
486CE	154	SE	Electricity Substation	1983
487CF	159	SE	Electricity Substation	1996
488CF	159	SE	Electricity Substation	1995
489CF	159	SE	Electricity Substation	1987
490CF	160	SE	Electricity Substation	1983
491CG	231	W	Electricity Substation	1996
492CG	231	W	Electricity Substation	1972
493CG	231	W	Electricity Substation	1989
494CG	231	W	Electricity Substation	1988
495BU	257	NE	Electricity Substation	1977
496BU	257	NE	Electricity Substation	1967
497BU	257	NE	Electricity Substation	1989
498BU	258	NE	Electricity Substation	1966
499BU	258	NE	Electricity Substation	1995

500BU	261	NE	Electricity Substation	1956
501BU	262	NE	Electricity Substation	1956
502CH	266	SW	Electricity Substation	1956
503CH	266	SW	Electricity Substation	1956
504CI	313	S	Electricity Substation	1996
505CJ	421	W	Electricity Substation	1956
506CJ	421	W	Electricity Substation	1956
507CK	448	E	Electricity Substation	1983
508CK	448	E	Electricity Substation	1989
509CK	448	E	Electricity Substation	1992
510CK	448	E	Electricity Substation	1999
511CK	448	E	Electricity Substation	1973
512CK	448	E	Electricity Substation	1955
513CL	490	W	Electricity Substation	1996
514CL	491	W	Electricity Substation	1989
515CL	491	W	Electricity Substation	1988
516CM	497	NW	Electricity Substation	1956
517CM	497	NW	Electricity Substation	1956
518CM	497	NW	Electricity Substation	1966
519CM	498	NW	Electricity Substation	1988
520CM	498	NW	Electricity Substation	1989

1.4 Additional Information – Historical Petrol and Fuel Site Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical petrol stations and fuel sites within 500m of the search boundary: 0

Database searched and no data found.

1.5 Additional Information – Historical Garage and Motor Vehicle Repair Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical garage and motor vehicle repair sites within 500m of the search boundary: 7

ID	Distance (m)	Direction	Use	Date
521CN	101	S	Garage	1961
522CN	101	S	Garage	1956
523CN	102	S	Garage	1956
524CN	102	S	Garage	1974
525CO	475	SW	Garage	1956

526CO	476	SW	Garage	1961
527CO	476	SW	Garage	1956

1.6 Potentially Infilled Land

Records of Potentially Infilled Features from 1:10,000 scale mapping within 500m of the study site: 136

The following Historical Potentially Infilled Features derived from the Historical Mapping information is provided by Groundsure:

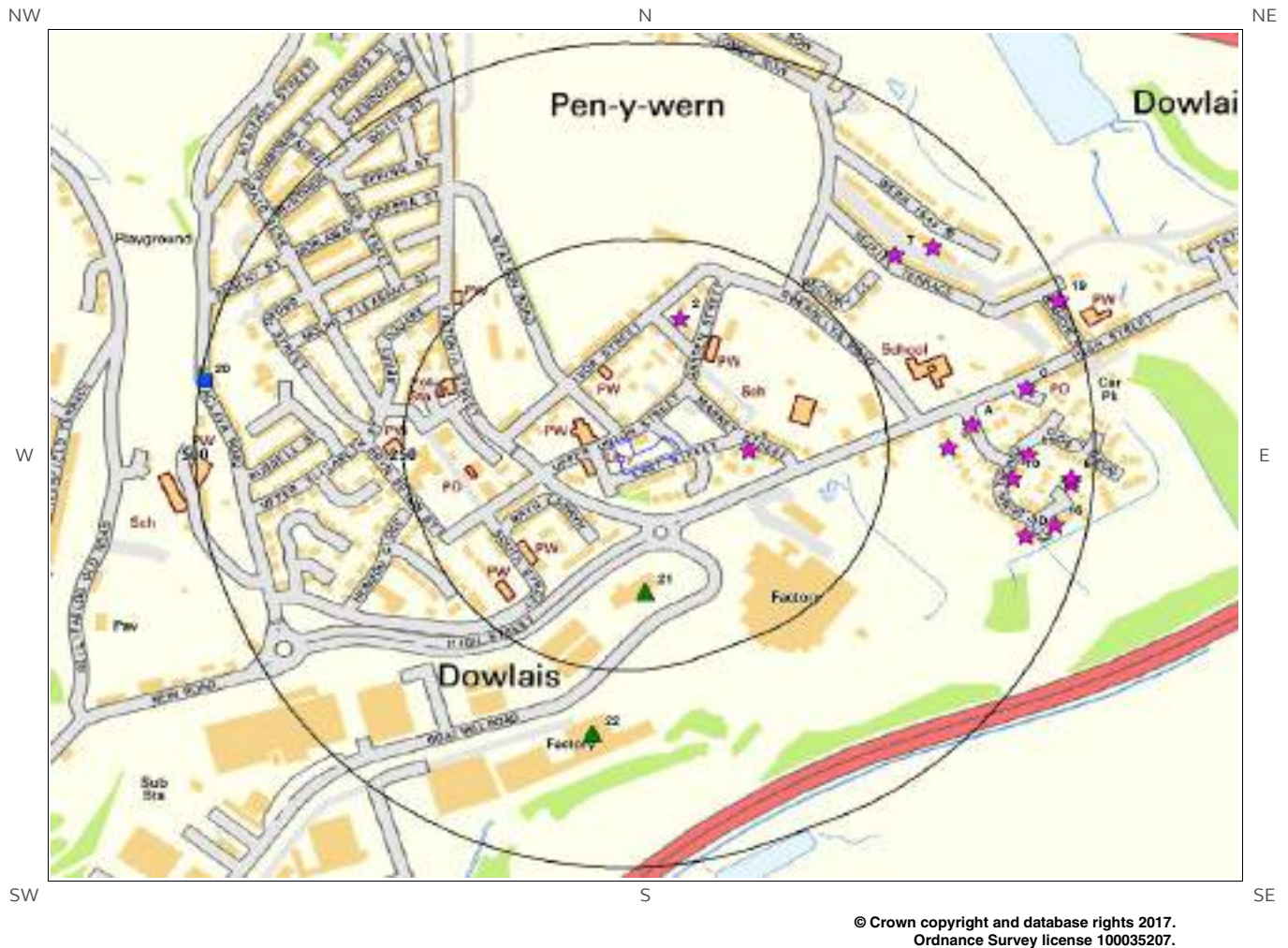
ID	Distance(m)	Direction	Use	Date
528CP	9	NW	Grave Yard	1875
529	100	S	Reservoir	1875
530B	111	SE	Unspecified Heap	1922
531B	111	SE	Unspecified Heap	1922
532G	114	SE	Unspecified Ground Workings	1901
533G	118	SE	Unspecified Heap	1903
534CE	119	SE	Unspecified Heap	1921
535CQ	161	SE	Unspecified Pits	1948
536CQ	175	SE	Unspecified Pit	1921
537CR	180	S	Unspecified Ground Workings	1982
538CS	181	SE	Unspecified Pit	1938
539CS	181	SE	Unspecified Pit	1938
540CQ	184	SE	Unspecified Ground Workings	1922
541CQ	184	SE	Unspecified Ground Workings	1922
542CQ	184	SE	Unspecified Pit	1915
543CT	205	S	Refuse Heap	1903
544CU	207	W	Burial Ground	1875
545CV	212	S	Refuse Heap	1903
546CW	246	S	Unspecified Ground Workings	1965
547	260	SE	Air Shaft	1875
548CX	273	S	Reservoir	1903
549CY	277	S	Unspecified Shaft	1875
550CX	279	S	Reservoir	1901
551CX	281	S	Reservoir	1922
552CX	281	S	Reservoir	1922
553	282	S	Air Shaft	1875
554CX	284	S	Reservoir	1921
555CX	285	S	Refuse Heap	1948
556CX	285	S	Reservoir	1938
557CZ	287	S	Reservoirs	1875
558CX	288	S	Reservoir	1915
559CX	295	S	Ponds	1965
560DA	299	S	Reservoirs	1903

561CW	306	S	Reservoirs	1901
562DB	308	S	Reservoirs	1921
563CW	310	S	Reservoirs	1922
564CW	310	S	Reservoirs	1922
565DA	311	S	Reservoirs	1938
566DA	312	S	Reservoirs	1915
567AA	324	E	Brick Kilns	1875
568DC	324	S	Unspecified Ground Workings	1992
569DA	329	S	Reservoirs	1901
570DB	330	S	Reservoirs	1948
571DB	332	S	Reservoirs	1922
572DB	332	S	Reservoirs	1922
573DD	333	S	Refuse Heap	1903
574DB	333	S	Refuse Heap	1901
575CZ	341	S	Refuse Heap	1903
576AL	343	S	Disused Brick Works	1948
577CZ	346	S	Pond	1901
578DE	363	E	Pond	1922
579AD	364	NE	Unspecified Pit	1992
580DE	366	E	Pond	1875
581DE	367	E	Pond	1921
582DE	367	E	Ponds	1903
583DE	367	E	Pond	1948
584DE	367	E	Pond	1975
585DE	367	E	Pond	1982
586DE	367	E	Pond	1965
587AE	370	SE	Air Shaft	1875
588DF	376	S	Unspecified Tip	1875
589DG	384	S	Unspecified Tip	1903
590AS	384	S	Ground Workings and Refuse Heap	1915
591AJ	390	NE	Refuse Heap	1922
592AJ	390	NE	Refuse Heap	1922
593AL	393	S	Brick Works	1903
594DH	395	N	Reservoir	1875
595DI	395	S	Cuttings	1938
596DJ	399	S	Refuse Heap	1901
597BJ	399	S	Brick Works	1915
598AM	399	SE	Brick Works	1938
599AM	399	SE	Brick Works	1938
600BK	401	S	Brick Works	1921
601DK	406	S	Unspecified Tip	1965
602DL	409	NE	Unspecified Heaps	1965
603AX	411	S	Brick Works	1901
604DM	411	S	Unspecified Tip	1948

605BC	411	E	Unspecified Ground Workings	1965
606AT	424	E	Unspecified Heap	1901
607AS	424	S	Unspecified Disused Tip	1982
608AS	424	S	Unspecified Tip	1975
609AT	425	E	Unspecified Heap	1922
610AT	425	E	Unspecified Heap	1922
611DN	425	S	Unspecified Disused Tip	1992
612AT	427	E	Unspecified Heap	1948
613AT	428	E	Unspecified Heap	1903
614AT	428	E	Unspecified Heap	1921
615DO	437	S	Unspecified Tips	1901
616AM	440	S	Brick Works	1922
617AM	440	S	Brick Works	1922
618AZ	451	SE	Brick Works	1875
619DP	454	S	Reservoir	1938
620BB	454	NE	Old Ironstone Shaft	1921
621BD	454	NE	Cuttings	1903
622DQ	455	NE	Cuttings	1875
623BB	455	NE	Old Ironstone Shaft	1922
624	456	S	Reservoir	1921
625DP	456	S	Reservoir	1903
626BE	457	NE	Cuttings	1901
627DR	459	NE	Unspecified Pit	1875
628BC	460	E	Unspecified Pit	1922
629BC	460	E	Unspecified Pit	1922
630BC	463	E	Unspecified Ground Workings	1901
631DP	464	S	Reservoir	1901
632	464	S	Pond	1875
633BC	464	E	Unspecified Heap	1903
634BD	466	NE	Cuttings	1965
635DS	468	NE	Cuttings	1921
636BE	468	NE	Cuttings	1948
637DT	468	NE	Cuttings	1922
638DP	470	S	Reservoir	1922
639DP	470	S	Reservoir	1922
640DP	470	S	Reservoir	1915
641AM	471	S	Reservoir	1903
642AM	471	S	Reservoir	1948
643AM	477	S	Reservoir	1901
644AM	484	S	Reservoir	1875
645BH	484	NW	Cuttings	1965
646BL	486	S	Unspecified Pits	1903
647BH	486	NW	Cuttings	1975
648BH	486	NW	Unspecified Pit	1992

649BH	486	NW	Unspecified Pit	1982
650BI	486	NE	Unspecified Heap	1922
651BI	486	NE	Unspecified Heap	1922
652AM	486	S	Reservoir	1938
653BM	488	S	Refuse Heap	1903
654BK	494	S	Refuse Heap	1982
655BK	494	S	Refuse Heap	1975
656BL	497	S	Unspecified Ground Workings and Heap	1922
657BL	497	S	Unspecified Ground Workings and Heap	1922
658BK	497	S	Unspecified Ground Workings	1938
659BK	497	S	Unspecified Ground Workings	1938
660DU	498	S	Unspecified Ground Workings	1915
661DU	498	S	Unspecified Pit	1948
662DV	499	SW	Refuse Heap	1903
663DW	499	SE	Cuttings	1903

2. Environmental Permits, Incidents and Registers Map



- | | | |
|---|---|--|
|  Site Outline |  Recorded Pollution Incident |  RAS 3 & 4 Authorisations |
|  Dangerous Substances (List 1) |  Dangerous Substances (List 2) |  Part A(1) Authorised Processes and Historic IPC Authorisations |
|  Water Industry Referrals |  Licenced Discharge Consents |  Part A(2) and Part B Authorised Processes |
|  Red List Discharge Consents |  Sites Determined as Contaminated Land |  COMAH / NIHHS Sites |
| |  Hazardous Substance Consents and Enforcements | |

2. Environmental Permits, Incidents and Registers

2.1 Industrial Sites Holding Licences and/or Authorisations

Searches of information provided by the Environment Agency/Natural Resources Wales and Local Authorities reveal the following information:

2.1.1 Records of historic IPC Authorisations within 500m of the study site:

0

Database searched and no data found.

2.1.2 Records of Part A(1) and IPPC Authorised Activities within 500m of the study site:

0

Database searched and no data found.

2.1.3 Records of Red List Discharge Consents (potentially harmful discharges to controlled waters) within 500m of the study site:

0

Database searched and no data found.

2.1.4 Records of List 1 Dangerous Substances Inventory Sites within 500m of the study site:

0

Database searched and no data found.

2.1.5 Records of List 2 Dangerous Substance Inventory Sites within 500m of the study site:

0

Database searched and no data found.

2.1.6 Records of Part A(2) and Part B Activities and Enforcements within 500m of the study site:

2

The following Part A(2) and Part B Activities are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	NGR	Details
21	154	S	306720 207640	Address: The LUC Group, Unit 6, Goat Mill Road, Dowlais, CF48 3TD Process: Di-isocyanate Processes Status: Current Permit Permit Type: Part B Enforcement: No Enforcements Notified Date of Enforcement: No Enforcements Notified Comment: No Enforcements Notified
22	334	S	306656 207460	Address: Stephens & George Ltd, Goat Mill Road, Dowlais, Merthyr Tydfil, CF48 3TD Process: Printing Status: Current Permit Permit Type: Part B Enforcement: No Enforcements Notified Date of Enforcement: No Enforcements Notified Comment: No Enforcements Notified

2.1.7 Records of Category 3 or 4 Radioactive Substances Authorisations:

0

Database searched and no data found.

2.1.8 Records of Licensed Discharge Consents within 500m of the study site:

1

The following Licensed Discharge Consents records are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	NGR	Details
20	495	W	306190 207910	Address: DOWLAIS - JUNCTION NEW ROAD/BA, DOWLAIS - JUNCTION NEW ROAD/BA, UNKNOWN, UNKNOWN, UNKNOWN, UNKNOWN Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: AE2025304 Permit Version: 1 Receiving Water: MORLAIS BROOK Status: NEW CONSENT, BY APPLICATION (WRA 91, SECTION 88) Issue date: 15/04/1964 Effective Date: 15-Apr-1964 Revocation Date: -

2.1.9 Records of Water Industry Referrals (potentially harmful discharges to the public sewer) within 500m of the study site:

0

Database searched and no data found.

2.1.10 Records of Planning Hazardous Substance Consents and Enforcements within 500m of the study site:

0

Database searched and no data found.

2.2 Dangerous or Hazardous Sites

Records of COMAH & NIHHS sites within 500m of the study site:

0

Database searched and no data found.

2.3 Environment Agency/Natural Resources Wales Recorded Pollution Incidents

2.3.1 Records of National Incidents Recording System, List 2 within 500m of the study site:

19

The following NIRS List 2 records are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	NGR	Details
1	82	E	306844 207822	Incident Date: 20-May-2001 Incident Identification: 6092 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Effects on Humans Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
2	152	N	306761 207990	Incident Date: 23-Mar-2002 Incident Identification: 66070 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Landfill Odour Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 2 (Significant)
3	323	E	307085 207825	Incident Date: 18-Jun-2007 Incident Identification: 504917 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Landfill Odour Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 2 (Significant)
4A	353	E	307113 207855	Incident Date: 27-Apr-2001 Incident Identification: 3581 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Other Atmospheric Pollutant or Effect Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
5A	353	E	307113 207855	Incident Date: 28-Oct-2001 Incident Identification: 39978 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Landfill Odour Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)

ID	Distance (m)	Direction	NGR	Details	
6A	353	E	307113 207855	Incident Date: 25-Apr-2001 Incident Identification: 3434 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Other Atmospheric Pollutant or Effect	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
7	356	NE	307020 208070	Incident Date: 30-May-2003 Incident Identification: 162058 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Landfill Odour	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
8B	397	NE	307066 208080	Incident Date: 29-Sep-2002 Incident Identification: 111321 Pollutant: Other Pollutant Pollutant Description: Other	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
9B	397	NE	307066 208080	Incident Date: 29-Sep-2002 Incident Identification: 111321 Pollutant: Other Pollutant Pollutant Description: Other	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
10	401	E	307162 207786	Incident Date: 20-May-2001 Incident Identification: 6091 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Effects on Humans	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
11	419	E	307181 207815	Incident Date: 17-Dec-2006 Incident Identification: 457059 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Landfill Odour	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 2 (Significant)
12C	423	E	307178 207901	Incident Date: 16-Apr-2002 Incident Identification: 71926 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Landfill Odour	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
13C	423	E	307178 207901	Incident Date: 15-Nov-2001 Incident Identification: 42914 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Landfill Odour	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
14D	428	E	307177 207714	Incident Date: 07-Oct-2007 Incident Identification: 536601 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Landfill Odour	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 2 (Significant)
15D	428	E	307177 207714	Incident Date: 05-Feb-2003 Incident Identification: 135112 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Other Atmospheric Pollutant or Effect	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
16	461	E	307213 207727	Incident Date: 26-Mar-2002 Incident Identification: 66863 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Landfill Odour	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
17E	471	E	307232 207786	Incident Date: 20-May-2001 Incident Identification: 6093 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Fumes	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)

ID	Distance (m)	Direction	NGR	Details
18E	472	E	307232 207781	Incident Date: 08-Dec-2001 Incident Identification: 47253 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Landfill Odour Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
19	494	NE	307218 208012	Incident Date: 21-Sep-2001 Incident Identification: 31975 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Landfill Odour Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)

2.3.2 Records of National Incidents Recording System, List 1 within 500m of the study site:

0

Database searched and no data found.

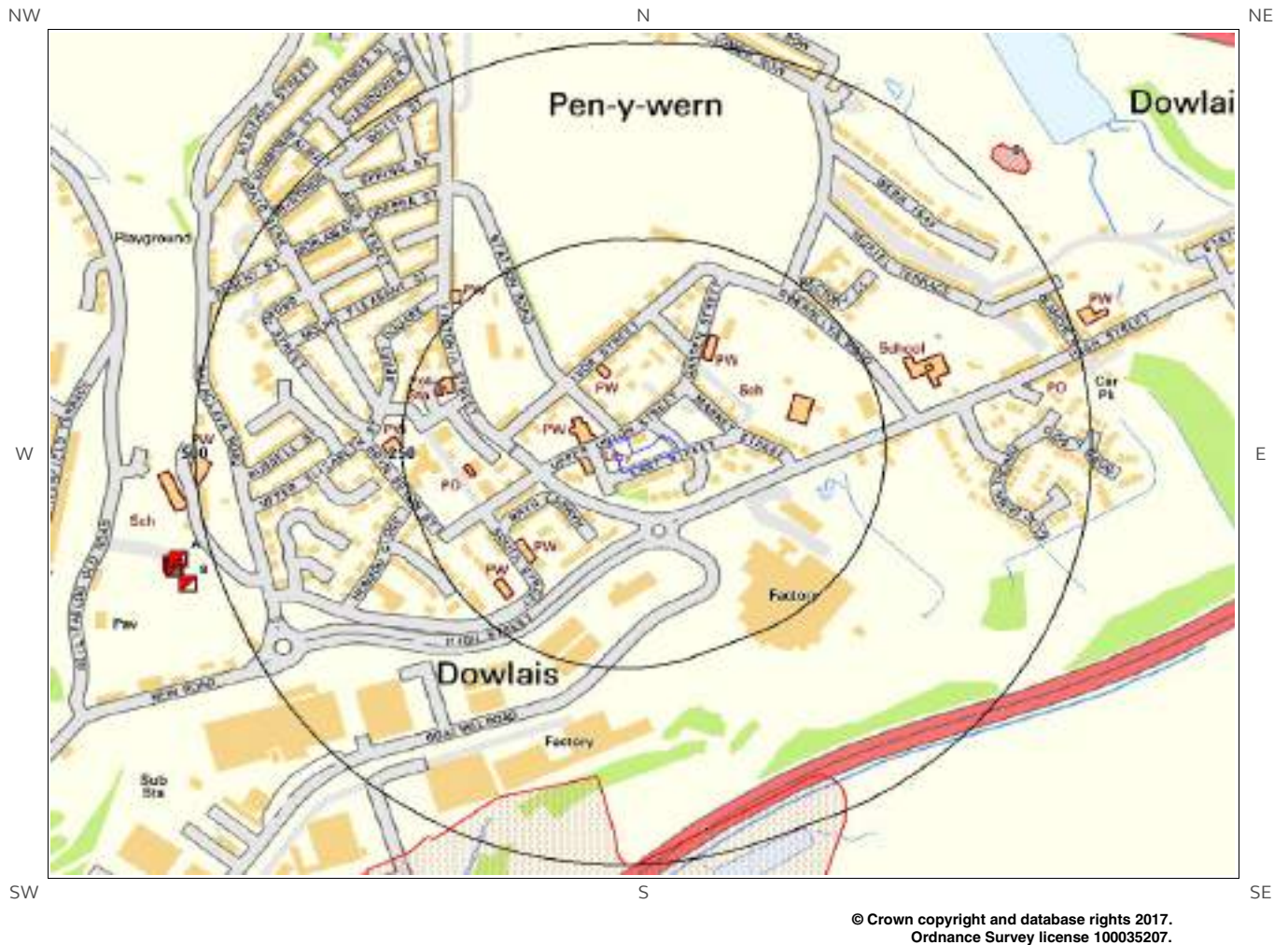
2.4 Sites Determined as Contaminated Land under Part 2A EPA 1990

How many records of sites determined as contaminated land under Section 78R of the Environmental Protection Act 1990 are there within 500m of the study site?

0

Database searched and no data found.

3. Landfill and Other Waste Sites Map



3. Landfill and Other Waste Sites

3.1 Landfill Sites

3.1.1 Records from Environment Agency/Natural Resources Wales landfill data within 1000m of the study site:

0

Database searched and no data found.

3.1.2 Records of Environment Agency/Natural Resources Wales historic landfill sites within 1500m of the study site:

7

The following landfill records are represented as either points or polygons on the Landfill and Other Waste Sites map:

ID	Distance (m)	Direction	NGR	Details
1	388	S	306600 207200	Site Address: BSC Dowlais Tips, Goat Mill Road, Dowlais, Merthy Tydfil Waste Licence: Yes Site Reference: 3 Waste Type: Inert, Industrial, Commercial, Liquid, sludge Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 21-Jul-1978 Licence Surrendered: 31-Dec-1988 Licence Holder Address: - Operator: - Licence Holder: British Steel Corporation First Recorded: 31-Dec-1978 Last Recorded: 31-Dec-1998
Not shown	1178	S	306900 206300	Site Address: Cwmbargoed Road, Merthyr, Glamorgan Waste Licence: - Site Reference: - Waste Type: Industrial, Commercial, Liquid, sludge Environmental Permitting Regulations (Waste) Reference: - Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: Merthyr Tydfil County Borough Council Licence Holder: - First Recorded: 31-Oct-1972 Last Recorded: -
Not shown	1203	NE	307800 208400	Site Address: Jasonic, Dowlais Top Waste Licence: Yes Site Reference: 910121 Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 23-Sep-1991 Licence Surrendered: 16-Mar-1993 Licence Holder Address: - Operator: - Licence Holder: M and J Brown First Recorded: 31-Dec-1991 Last Recorded: 31-Dec-1992
Not shown	1248	E	308000 208200	Site Address: Royal Arms Group, Pant-y-waun, Merthyr Tydfil, Mid Glamorgan Waste Licence: - Site Reference: - Waste Type: Industrial, Commercial, Household Environmental Permitting Regulations (Waste) Reference: - Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: National Coal Board Licence Holder: - First Recorded: 30-Sep-1970 Last Recorded: 31-Dec-1989

ID	Distance (m)	Direction	NGR	Details	
Not shown	1310	N	307200 209000	Site Address: Blaen Morlais Farm, Dowlais Waste Licence: - Site Reference: - Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: -	Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: - Licence Holder: Paul Brogden First Recorded: 31-Dec-1989 Last Recorded: 31-Dec-1991
Not shown	1329	E	308200 207700	Site Address: Trecatti Council, Fochrin Road, Merthyr Tydfil, Dowlais Top Waste Licence: Yes Site Reference: 15 Waste Type: Inert, Industrial, Commercial, Household, Special, Liquid, sludge Environmental Permitting Regulations (Waste) Reference: -	Licence Issue: 10-Oct-1983 Licence Surrendered: Licence Holder Address: - Operator: - Licence Holder: Merthyr Tydfil Borough Council First Recorded: 31-Dec-1974 Last Recorded: 21-Jul-1993
Not shown	1359	W	305300 207700	Site Address: Greenie, Galon Uchaf Waste Licence: Yes Site Reference: - Waste Type: Inert, Industrial, Commercial, Household, Special Environmental Permitting Regulations (Waste) Reference: -	Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: - Licence Holder: Merthyr Tydfil Borough Council First Recorded: 31-Dec-1960 Last Recorded: 31-Dec-1975

3.1.3 Records of BGS/DoE non-operational landfill sites within 1500m of the study site:

0

Database searched and no data found.

3.1.4 Records of Landfills from Local Authority and Historical Mapping Records within 1500m of the study site:

15

The following landfill records are represented as points or polygons on the Landfill and Other Waste Sites map:

ID	Distance (m)	Direction	NGR	Site Address	Source	Data Type
33B	528	NE	307164 208192	Refuse Tip	1966 mapping	Polygon
34B	528	NE	307164 208191	Refuse Tip	1966 mapping	Polygon
Not shown	719	N	306745 208567	Refuse Tip	1966 mapping	Polygon
Not shown	720	N	306745 208568	Refuse Tip	1966 mapping	Polygon
Not shown	1018	NE	307352 208684	Refuse Tip	1966 mapping	Polygon
Not shown	1018	NE	307352 208684	Refuse Tip	1956 mapping	Polygon
Not shown	1058	E	307838 207688	Refuse Tip	1961 mapping	Polygon

ID	Distance (m)	Direction	NGR	Site Address	Source	Data Type
Not shown	1257	NE	307685 208680	Refuse Tip	1966 mapping	Polygon
Not shown	1330	E	308226 207750	Refuse Tip	1991 mapping	Polygon
Not shown	1423	W	305208 207459	Disused Refuse Tip	1969 mapping	Polygon
Not shown	1428	SW	305249 207200	Refuse Tip	1963 mapping	Polygon
Not shown	1429	SW	305249 207200	Refuse Tip	1963 mapping	Polygon
Not shown	1434	W	305219 207662	Refuse Tip	1963 mapping	Polygon
Not shown	1434	W	305219 207663	Refuse Tip	1963 mapping	Polygon
Not shown	1475	SW	306049 206428	Refuse Tip	1973 mapping	Polygon

3.2 Other Waste Sites

3.2.1 Records of waste treatment, transfer or disposal sites within 500m of the study site:

0

Database searched and no data found.

3.2.2 Records of Environment Agency/Natural Resources Wales licensed waste sites within 1500m of the study site:

25

The following waste treatment, transfer or disposal sites records are represented as points on the Landfill and Other Waste Sites map:

ID	Distance (m)	Direction	NGR	Details
8	539	W	306170 207650	Site Address: Dowlais Civic Amenity Site, Land At Rear Of Horse & Groom Inn, Dowlais, Merthyr Tydfil, CF48 2YF Type: Special Waste Transfer Station Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SIL010 EPR reference: - Operator: Silent Valley Waste Services Ltd Waste Management licence No: 30001 Annual Tonnage: 24999.0 Issue Date: 24/06/1992 Effective Date: - Modified: 11/03/2002 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Dowlais Civic Amenity Site Correspondence Address: Beechwood House, Cwm, Ebbw Vale, NP23 6PZ

ID	Distance (m)	Direction	NGR	Details
9A	540	W	306159 207682	Site Address: Dowlais Civic Amenity Site, Dowlais, Merthyr Tydfil, CF48 3DA Type: Household, Commercial & Industrial Waste T Stn Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CHA004 EPR reference: - Operator: Silent Valley Waste Services Ltd Waste Management licence No: 30353 Annual Tonnage: 0.0 Issue Date: 18/02/2005 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Dowlais C/a Site Correspondence Address: Beechwood House, Cwm, Ebbw Vale, Gwent, NP23 6PZ
10A	548	W	306154 207669	Site Address: Dowlais Civic Amenity Site, Rear Of Horse & Groom Public House, Dowlais, Merthyr Tydfil, Glamorgan, CF48 3BT Type: Household Waste Amenity Site Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: EWC002 EPR reference: EA/EPR/VP3895FA/T002 Operator: Environmental Waste Controls Plc Waste Management licence No: 30353 Annual Tonnage: 4999.0 Issue Date: 18/02/2005 Effective Date: 21/08/2006 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred Site Name: Dowlais C/a Site Correspondence Address: -
11A	548	W	306154 207669	Site Address: Dowlais Civic Amenity Site, Rear Of Horse & Groom Public House, Dowlais, CF48 3BT Type: Household, Commercial & Industrial Waste T Stn Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: EWC002 EPR reference: - Operator: Environmental Waste Controls Plc Waste Management licence No: 30353 Annual Tonnage: 4999.0 Issue Date: 18/02/2005 Effective Date: 21/08/2006 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred Site Name: Dowlais C/a Site Correspondence Address: E W C House, 298, Hale Road, Widnes, Cheshire, WA8 8PX
12A	548	W	306154 207669	Site Address: Dowlais Civic Amenity Site, Rear Of Horse And Groom Public House, Dowlais, Merthyr Tydfil, CF48 3BT Type: Household, Commercial & Industrial Waste T Stn Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: EWC002 EPR reference: - Operator: Environmental Waste Control Ltd Waste Management licence No: 30353 Annual Tonnage: 4999.0 Issue Date: 18/02/2005 Effective Date: 21/08/2006 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred Site Name: Dowlais C/a Site Correspondence Address: E W C House, 298, Hale Road, Widnes, Cheshire, WA8 8PX
13A	548	W	306154 207669	Site Address: Dowlais C/a Site, Dowlais, Merthyr Tydfil, Merthyr Tydfil, CF48 3BT Type: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: ZB3797TH EPR reference: - Operator: Sundorne Products (Ilanidloes) Ltd Waste Management licence No: 0 Annual Tonnage: 4999.0 Issue Date: 18/02/2005 Effective Date: 18/02/2005 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective Site Name: - Correspondence Address: -

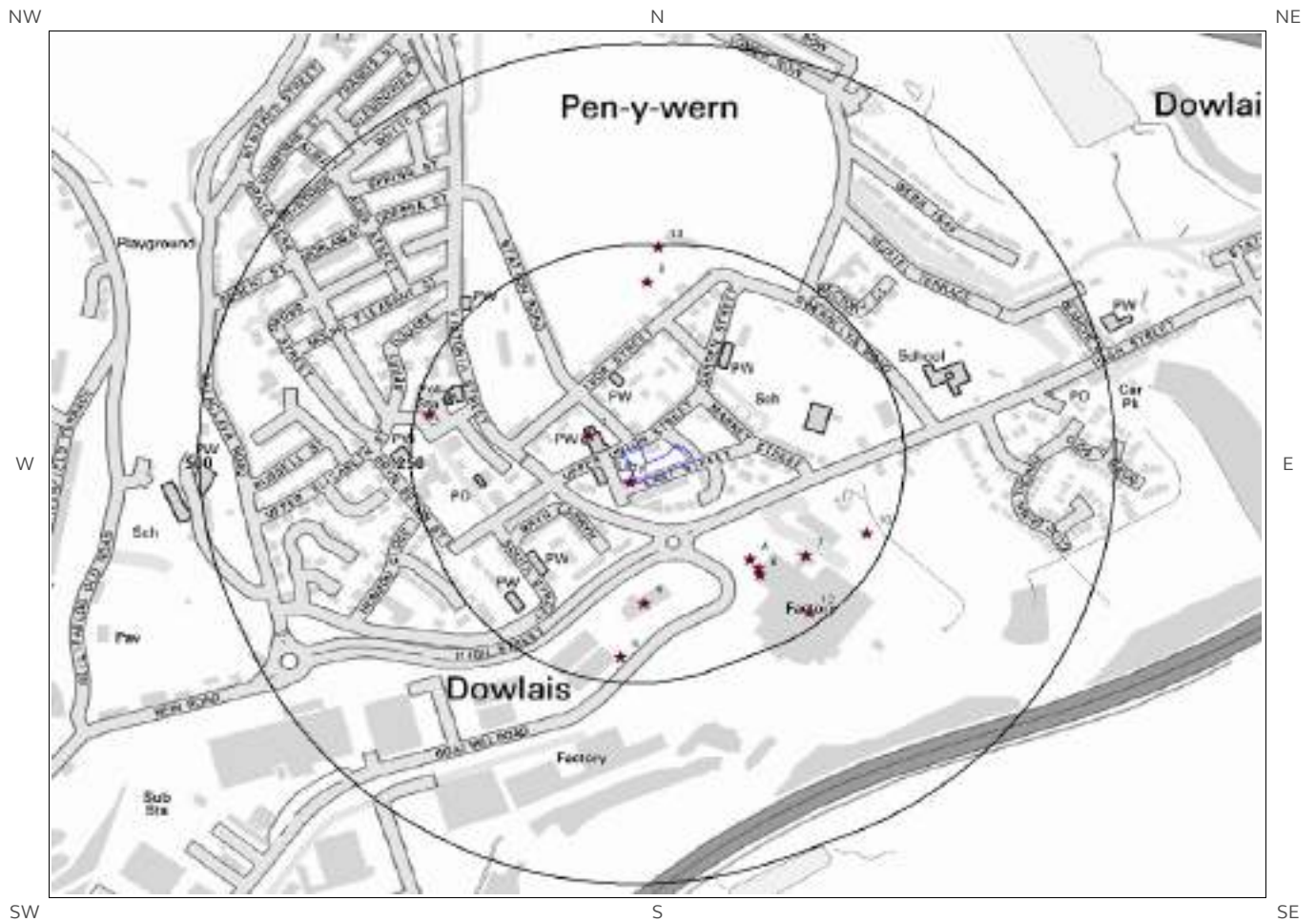
ID	Distance (m)	Direction	NGR	Details
14A	548	W	306154 207669	Site Address: Dowlais Civic Amenity Site, Rear Of Horse & Groom Public House, Dowlais, Merthyr Tydfil, Glamorgan, CF48 3BT Type: Household Waste Amenity Site Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SUN041 EPR reference: ZB3797TH/T001 Operator: Sundorne Products (Ilanidloes) Ltd Waste Management licence No: 30353 Annual Tonnage: 4999.0 Issue Date: 18/02/2005 Effective Date: 16/09/2013 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred Site Name: Dowlais C/a Site Correspondence Address: -
15A	549	W	306153 207670	Site Address: Dowlais Civic Amenity Site, Land At Rear Of Horse & Groom Inn, Dowlais, Merthyr Tydfil, Glamorgan, CF48 3BT Type: Household Waste Amenity Site Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SIL026 EPR reference: TP3699FD/T003 Operator: Environmental Waste Controls Ltd Waste Management licence No: 30001 Annual Tonnage: 24999.0 Issue Date: 24/06/1992 Effective Date: 20/12/2007 Modified: 11/03/2002 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred Site Name: Dowlais Civic Amenity Site Correspondence Address: -
16A	549	W	306153 207670	Site Address: Dowlais Civic Amenity Site, Land At Rear Of Horse & Groom Inn, Dowlais, Merthyr Tydfil, Mid Glamorgan, CF48 3BT Type: Household, Commercial & Industrial Waste T Stn Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SIL026 EPR reference: - Operator: Environmental Waste Controls Ltd Waste Management licence No: 30001 Annual Tonnage: 24999.0 Issue Date: 24/06/1992 Effective Date: 20/12/2007 Modified: 11/03/2002 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred Site Name: Dowlais Civic Amenity Site Correspondence Address: Laurel House, Kitling Road, Knowsley Business Park, Prescott, Merseyside, L34 9JA
17A	549	W	306153 207670	Site Address: Dowlais Civic Amenity Site, Dowlais, Merthyr Tydfil, Merthyr Tydfil, CF48 3BT Type: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: TP3699FD EPR reference: - Operator: Environmental Waste Controls Ltd Waste Management licence No: 0 Annual Tonnage: 24999.0 Issue Date: 24/06/1992 Effective Date: 24/06/1992 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective Site Name: - Correspondence Address: -
18A	549	W	306151 207676	Site Address: Dowlais Civic Amenity Site, Land At Rear Of Horse & Groom Inn, Dowlais, Merthyr Tydfil Type: Household, Commercial & Industrial Waste T Stn Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SIL010 EPR reference: - Operator: Silent Valley Waste Services Ltd Waste Management licence No: 30001 Annual Tonnage: 24999.0 Issue Date: 24/06/1992 Effective Date: - Modified: 11/03/2002 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Dowlais Civic Amenity Site Correspondence Address: Beechwood House, Cwm, Ebbw Vale, NP23 6PZ

ID	Distance (m)	Direction	NGR	Details
Not shown	769	SW	306125 207275	Site Address: Unit 2, Mill Court, Goat Mill Road, Merthyr Tydfil, CF47 0AH Type: Special Waste Transfer Station Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WAS005 EPR reference: - Operator: Indigo Equity Holdings Waste Management licence No: 30341 Annual Tonnage: 0.0 Issue Date: 28/01/2005 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Waste Solutions Limited Correspondence Address: Unit 2, Mill Court, Goat Mill Road, Merthyr Tydfil, CF47 0AH
Not shown	769	SW	306125 207275	Site Address: Unit 2, Mill Court, Goat Mill Road, Merthyr Tydfil, Glamorgan, CF47 0AH Type: Special Waste Transfer Station Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WAS005 EPR reference: EA/EPR/EP3495FW/S003 Operator: Indigo Equity Holdings Waste Management licence No: 30341 Annual Tonnage: 0.0 Issue Date: 28/01/2005 Effective Date: - Modified: - Surrendered Date: 05/06/2007 Expiry Date: - Cancelled Date: - Status: Surrendered Site Name: Waste Solutions Limited Correspondence Address: -
Not shown	769	SW	306125 207275	Site Address: Unit 2, Mill Court, Goat Mill Road, Merthyr Tydfil, Glamorgan, CF47 0AH Type: Special Waste Transfer Station Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: WAS005 EPR reference: EP3495FW/S003 Operator: Indigo Equity Holdings Waste Management licence No: 30341 Annual Tonnage: 0.0 Issue Date: 28/01/2005 Effective Date: - Modified: - Surrendered Date: 05/06/2007 Expiry Date: - Cancelled Date: - Status: Surrendered Site Name: Waste Solutions Limited Correspondence Address: -
Not shown	1138	NE	307429 208749	Site Address: Abba Scrap, Unit 4, Pengarnddu, Merthyr Tydfil, CF48 2TY Type: Metal Recycling Site (mixed MRS's) Size: >= 25000 tonnes < 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: HUM001 EPR reference: - Operator: Humphries Alan & Colin David Jenkins Waste Management licence No: 30123 Annual Tonnage: 30000.0 Issue Date: 06/04/1994 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Abba Scrap Correspondence Address: Unit 4, Pengarnddu Ind Est, Pengarnddu, Merthyr Tydfil, CF48 2TY
Not shown	1159	NE	307441 208767	Site Address: B W Autos, Unit 8, Pengarnddu Ind Estate, Dowlais, Merthyr Tydfil, Glamorgan, CF48 2TA Type: Metal Recycling Site (mixed MRS's) Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: BWA001 EPR reference: MP3995FF/V002 Operator: Hewins Mr David Waste Management licence No: 30204 Annual Tonnage: 156.0 Issue Date: 24/03/1993 Effective Date: - Modified: 29/10/2002 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Expired Site Name: B W Autos Correspondence Address: -
Not shown	1159	NE	307441 208767	Site Address: B W Autos, Unit 8, Pengarnddu Ind Estate, Dowlais, Merthyr Tydfil, Glamorgan, CF48 2TA Type: Metal Recycling Site (mixed MRS's) Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: BWA001 EPR reference: EA/EPR/MP3995FF/V002 Operator: Hewins Mr David Waste Management licence No: 30204 Annual Tonnage: 156.0 Issue Date: 24/03/1993 Effective Date: - Modified: 29/10/2002 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Expired Site Name: B W Autos Correspondence Address: -

ID	Distance (m)	Direction	NGR	Details	
Not shown	1159	NE	307441 208767	Site Address: B W Autos, Dowlais, Merthyr Tydfil, Merthyr Tydfil, CF48 2TA Type: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: MP3995FF EPR reference: - Operator: David Hewins Waste Management licence No: 0 Annual Tonnage: 0.0	Issue Date: 24/03/1993 Effective Date: 24/03/1993 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Expired Site Name: - Correspondence Address: -
Not shown	1250	NE	307856 208427	Site Address: Merthyr Salvage, Unit 5, Pengarnddu, Merthyr Tydfil, CF48 2TY Type: Household, Commercial & Industrial Waste T Stn Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: BRO003 EPR reference: - Operator: Brogden Paul Waste Management licence No: 30044 Annual Tonnage: 120000.0	Issue Date: 09/04/1991 Effective Date: - Modified: 26/03/2002 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: Merthyr Salvage Correspondence Address: 18, Nant Morlais, Pant, Merthyr Tydfil, CF48 2AW
Not shown	1250	NE	307856 208427	Site Address: Pengarnddu Business Park, Pengarnddu, Dowlais, Merthyr Tydfil, CF48 2YE Type: Household, Commercial & Industrial Waste T Stn Size: >= 25000 tonnes < 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: MER007 EPR reference: - Operator: Merthyr Borough Recycling Centre Ltd Waste Management licence No: 30044 Annual Tonnage: 74995.0	Issue Date: 09/04/1991 Effective Date: 07/12/2004 Modified: 31/10/2005 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred Site Name: Merthyr Borough Recycling Centre Ltd-transfer Station Correspondence Address: Merthyr Borough Recycling Centre Ltd, Pengarnddu Business Park, Pengarnddu, Dowlais, Merthyr Tydfil, CF48 2YE
Not shown	1317	NE	307659 208789	Site Address: Merthyr Industrial Services Ltd Transfer Stn, Dowlais, Merthyr Tydfil, Merthyr Tydfil, CF48 2TA Type: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: FP3695FJ EPR reference: - Operator: Merthyr Industrial Services Ltd Waste Management licence No: 0 Annual Tonnage: 48116.0	Issue Date: 08/05/2001 Effective Date: 08/05/2001 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Revoked Site Name: - Correspondence Address: -
Not shown	1317	NE	307659 208789	Site Address: Land/ Premises At, Pengarnddu Industrial Estate, Dowlais, Merthyr Tydfil, Glamorgan, CF48 2TA Type: Special Waste Transfer Station Size: >= 25000 tonnes < 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: MIS001 EPR reference: EA/EPR/FP3695FJ/A001 Operator: Merthyr Industrial Services Ltd Waste Management licence No: 30299 Annual Tonnage: 48116.0	Issue Date: 08/05/2001 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Revoked Site Name: Merthyr Industrial Services Ltd Transfer Stn Correspondence Address: -

ID	Distance (m)	Direction	NGR	Details	
Not shown	1317	NE	307659 208789	Site Address: Land/ Premises At, Pengarnddu Industrial Estate, Dowlais, Merthyr Tydfil, Glamorgan, CF48 2TA Type: Special Waste Transfer Station Size: >= 25000 tonnes < 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: MIS001 EPR reference: FP3695FJ/A001 Operator: Merthyr Industrial Services Ltd Waste Management licence No: 30299 Annual Tonnage: 48116.0	Issue Date: 08/05/2001 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Revoked Site Name: Merthyr Industrial Services Ltd Transfer Stn Correspondence Address: -
Not shown	1406	E	308163 207706	Site Address: Trecatti Landfill, Fochriw Road, Dowlais Top, Merthyr, Merthyr Tydfil, CF48 4AB Type: Co-Disposal Landfill Site Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: BIF003 EPR reference: - Operator: Biffa Waste Services Ltd Waste Management licence No: 30105 Annual Tonnage: 912000.0	Issue Date: 21/07/1993 Effective Date: - Modified: 28/03/2003 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Trecatti Landfill Correspondence Address: Biffa Waste Services, Fochriw Rd, Dowlais, Merthyr, Cf48 4ab, CF8 9QK
Not shown	1410	NE	307650 208921	Site Address: Merthyr Industrial Services Ltd, Pengarnddu Industrial Estate, Dowlais, Merthyr Tydfil, CF48 2YE Type: Household, Commercial & Industrial Waste T Stn Size: >= 25000 tonnes < 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: MIS001 EPR reference: - Operator: Merthyr Industrial Services Ltd Waste Management licence No: 30299 Annual Tonnage: 48116.0	Issue Date: 08/05/2001 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Merthyr Industrial Services Ltd Transfer Stn Correspondence Address: Unit 2, Pengarnddu Industrial Park, Dowlais Top, Merthyr, CF48 2YE

4. Current Land Use Map



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4. Current Land Uses

4.1 Current Industrial Data

Records of potentially contaminative industrial sites within 250m of the study site:

13

The following records are represented as points on the Current Land Uses map.

ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
1	5	W	Electricity Sub Station	306688 207794	Electricity Sub Station, CF48	Electrical Features	Infrastructure and Facilities
2	45	NW	Cancer Aid Merthyr Tydfil	306639 207852	Cancer Aid Merthyr Tydfil, Upper Union Street, Dowlais, Merthyr Tydfil, CF48 3LE	Ambulance and Medical Transportation Services	Health Support Services
3A	139	SE	Electricity Sub Station	306830 207697	Electricity Sub Station, CF48	Electrical Features	Infrastructure and Facilities
4	149	S	L U C	306703 207643	L U C, Unit 6, Goat Mill Road, Dowlais, Merthyr Tydfil, CF48 3TD	Rubber, Silicones and Plastics	Industrial Products
5A	154	SE	Electricity Sub Station	306840 207686	Electricity Sub Station, CF48	Electrical Features	Infrastructure and Facilities
6	161	SE	Electricity Sub Station	306841 207678	Electricity Sub Station, CF48	Electrical Features	Infrastructure and Facilities
7	178	SE	O P Chocolate	306895 207701	O P Chocolate, High Street, Dowlais, Merthyr Tydfil, CF48 3TB	Baking and Confectionery	Foodstuffs
8	204	N	Tank	306708 208043	Tank, CF48	Tanks (Generic)	Industrial Features
9	216	S	Electricity Sub Station	306676 207576	Electricity Sub Station, CF48	Electrical Features	Infrastructure and Facilities
10	224	SE	Tank	306967 207730	Tank, CF48	Tanks (Generic)	Industrial Features
11	232	W	Electricity Sub Station	306451 207879	Electricity Sub Station, CF48	Electrical Features	Infrastructure and Facilities
12	233	SE	Factory	306900 207631	Factory, CF48	Unspecified Works Or Factories	Industrial Features
13	249	N	Tank	306721 208087	Tank, CF48	Tanks (Generic)	Industrial Features

4.2 Petrol and Fuel Sites

Records of petrol or fuel sites within 500m of the study site:

0

Database searched and no data found.

4.3 National Grid High Voltage Underground Electricity Transmission Cables

This dataset identifies the high voltage electricity transmission lines running between generating power plants and electricity substations. The dataset does not include the electricity distribution network (smaller, lower voltage cables distributing power from substations to the local user network). This information has been extracted from databases held by National Grid and is provided for information only with no guarantee as to its completeness or accuracy. National Grid do not offer any warranty as to the accuracy of the available data and are excluded from any liability for any such inaccuracies or errors.

Records of National Grid high voltage underground electricity transmission cables within 500m of the study site:

0

Database searched and no data found.

4.4 National Grid High Pressure Gas Transmission Pipelines

This dataset identifies high-pressure, large diameter pipelines which carry gas between gas terminals, power stations, compressors and storage facilities. The dataset does not include the Local Transmission System (LTS) which supplies gas directly into homes and businesses. This information has been extracted from databases held by National Grid and is provided for information only with no guarantee as to its completeness or accuracy. National Grid do not offer any warranty as to the accuracy of the available data and are excluded from any liability for any such inaccuracies or errors.

Records of National Grid high pressure gas transmission pipelines within 500m of the study site:

0

Database searched and no data found.

5. Geology

5.1 Artificial Ground and Made Ground

Database searched and no data found.

The database has been searched on site, including a 50m buffer.

5.2 Superficial Ground and Drift Geology

The database has been searched on site, including a 50m buffer.

Lex Code	Description	Rock Type
TILLD-DMTN	TILL, DEVENSIAN	DIAMICTON

5.3 Bedrock and Solid Geology

The database has been searched on site, including a 50m buffer.

Lex Code	Description	Rock Type
SWLCM-MDSS	SOUTH WALES LOWER COAL MEASURES FORMATION	MUDSTONE, SILTSTONE AND SANDSTONE

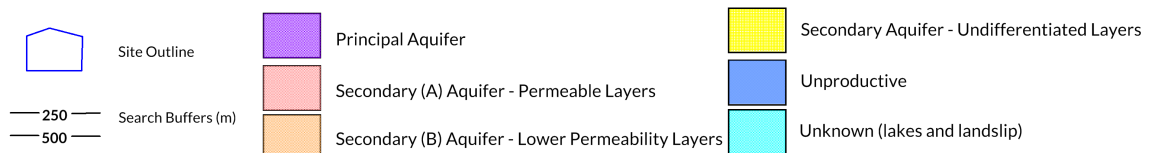
(Derived from the BGS 1:50,000 Digital Geological Map of Great Britain)

6 Hydrogeology and Hydrology

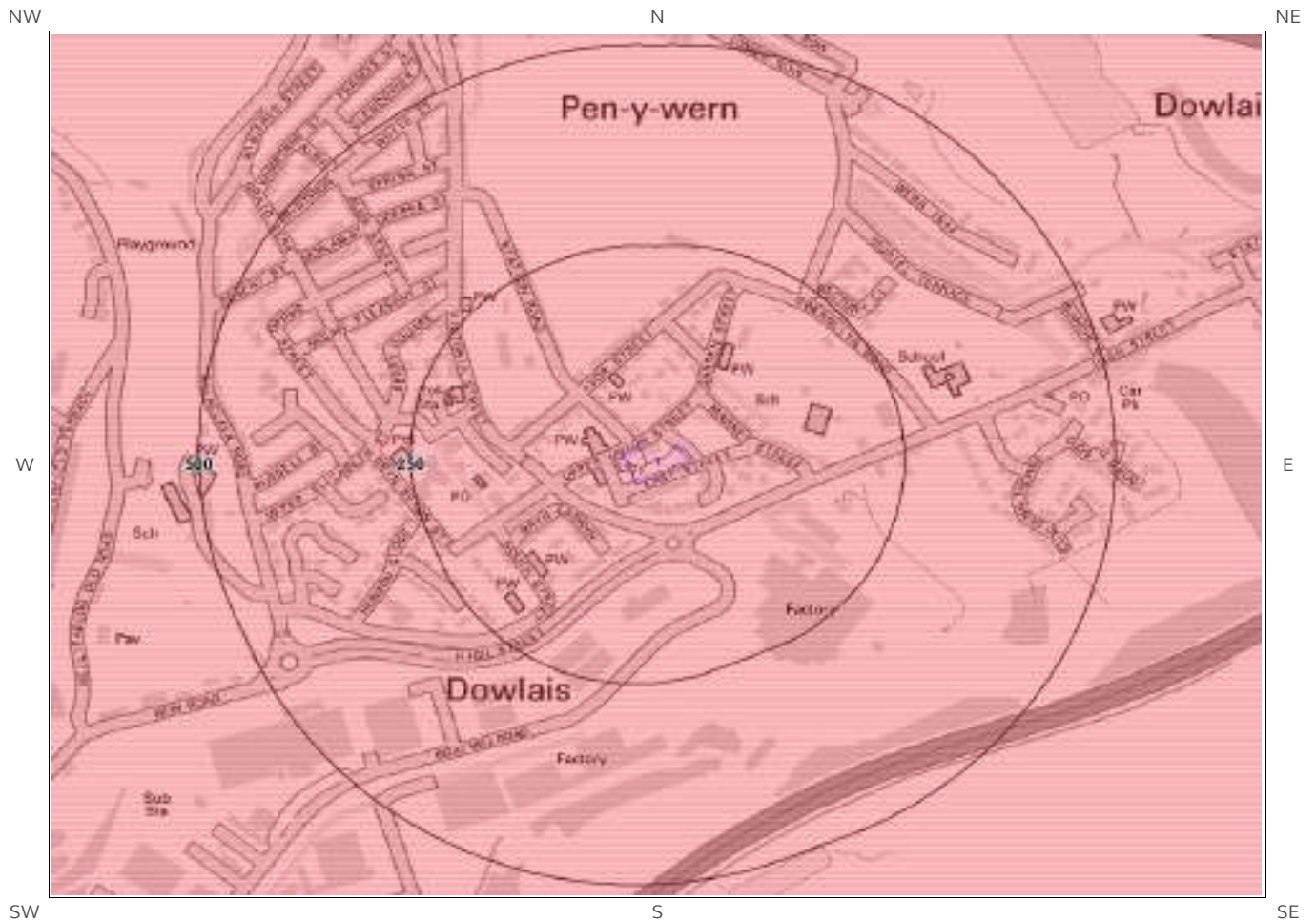
6a. Aquifer Within Superficial Geology



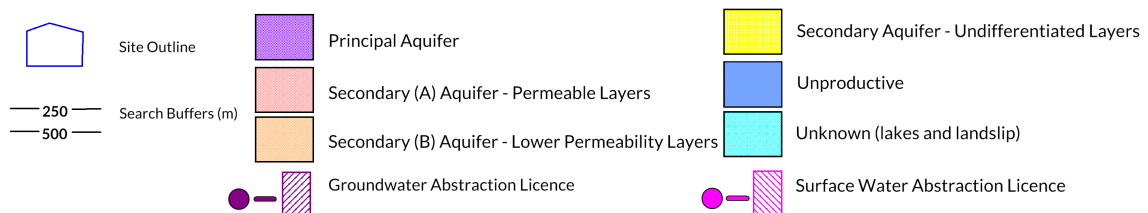
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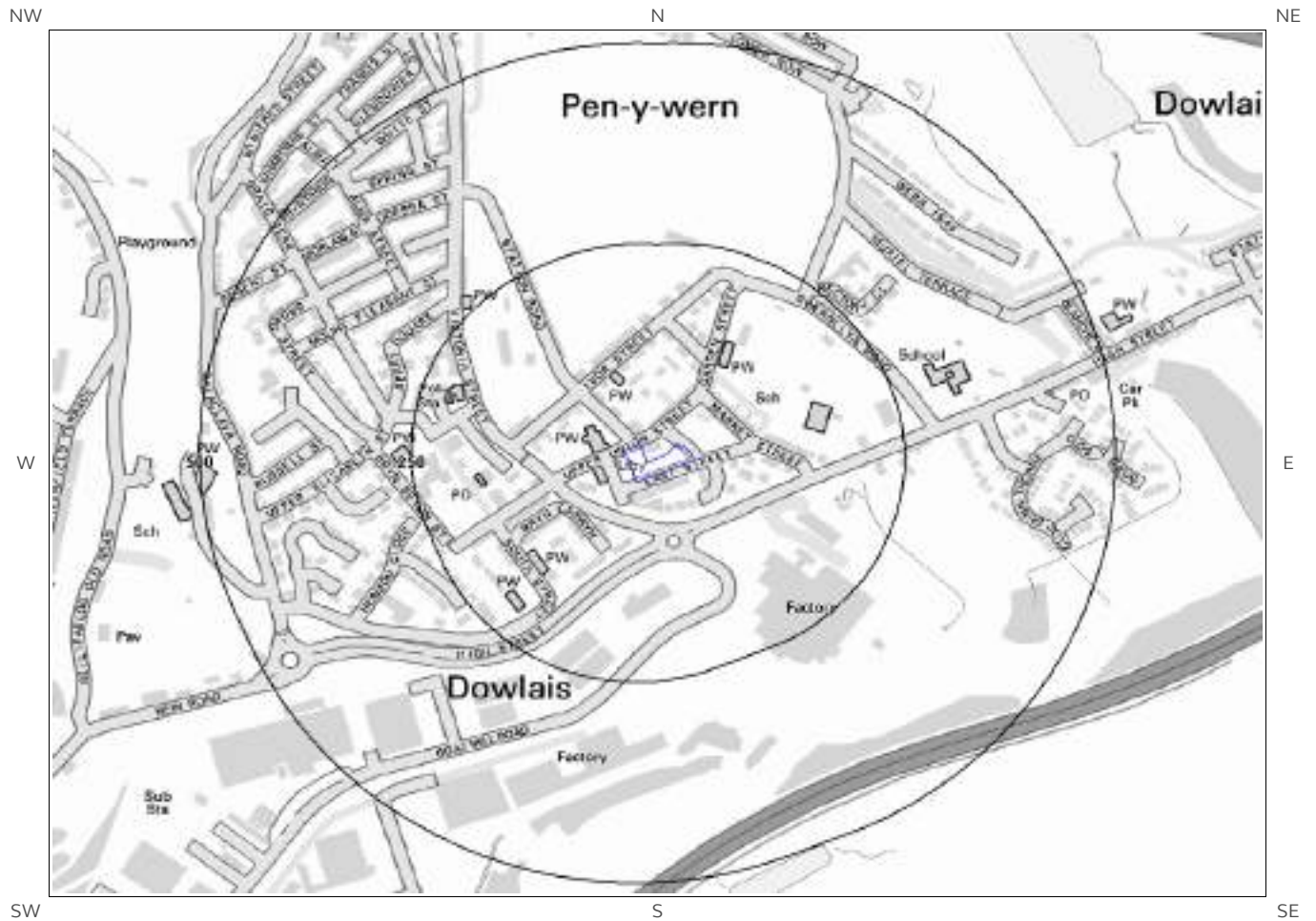
6b. Aquifer Within Bedrock Geology and Abstraction Licenses



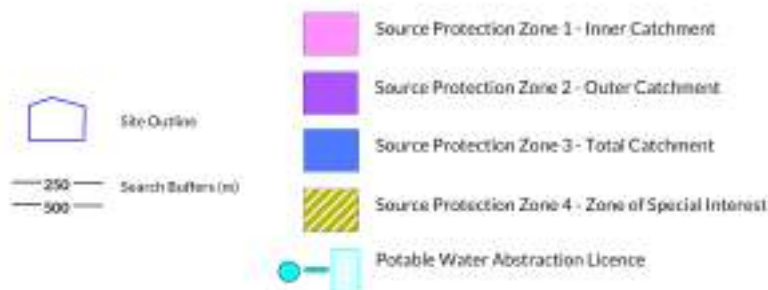
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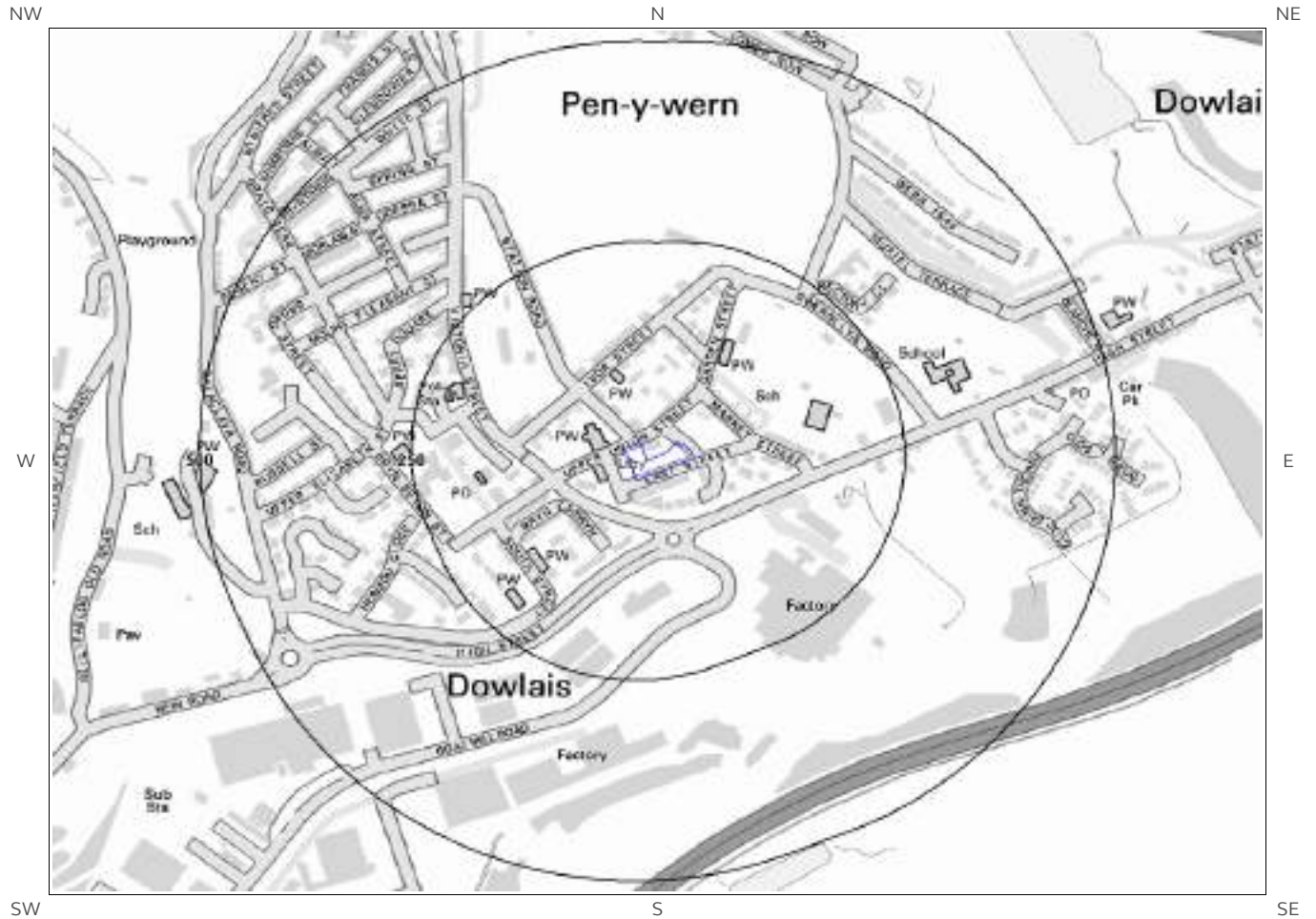
6c. Hydrogeology – Source Protection Zones and Potable Water Abstraction Licenses



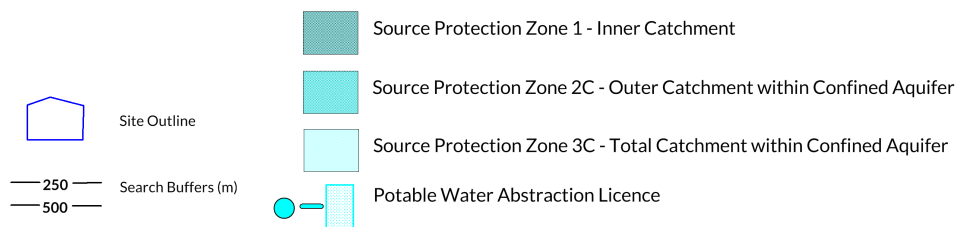
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6d. Hydrogeology – Source Protection Zones within confined aquifer



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6. Hydrogeology and Hydrology

6.1 Aquifer within Superficial Deposits

Are there records of strata classification within the superficial geology at or in proximity to the property? Yes

From 1 April 2010, the Environment Agency/Natural Resources Wales's Groundwater Protection Policy has been using aquifer designations consistent with the Water Framework Directive. For further details on the designation and interpretation of this information, please refer to the Groundsure Enviro Insight User Guide.

The following aquifer records are shown on the Aquifer within Superficial Geology Map (6a):

ID	Distance (m)	Direction	Designation	Description
1	0	On Site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

6.2 Aquifer within Bedrock Deposits

Are there records of strata classification within the bedrock geology at or in proximity to the property? Yes

From 1 April 2010, the Environment Agency/Natural Resources Wales's Groundwater Protection Policy has been using aquifer designations consistent with the Water Framework Directive. For further details on the designation and interpretation of this information, please refer to the Groundsure Enviro Insight User Guide.

The following aquifer records are shown on the Aquifer within Bedrock Geology Map (6b):

ID	Distance (m)	Direction	Designation	Description
1	0	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

6.3 Groundwater Abstraction Licences

Are there any Groundwater Abstraction Licences within 2000m of the study site?

Yes

The following Abstraction Licences records are represented as points, lines and regions on the Aquifer within Bedrock Geology Map (6b):

ID	Distance (m)	Direction	NGR	Details
Not shown	1547	NE	308100 208600	Status: Historical Licence No: 21/57/22/0040 Details: Process Water Direct Source: Eaw Groundwater Point: Borehole (a) At St Merryn Meat Ltd, Dowlais Data Type: Point Name: St Merryn Meat Ltd Annual Volume (m³): 146000 Max Daily Volume (m³): 600 Original Application No: - Original Start Date: 7/9/1998 Expiry Date: - Issue No: 101 Version Start Date: 14/1/2000 Version End Date:
Not shown	1672	NE	308090 208840	Status: Historical Licence No: 21/57/22/0040 Details: Process Water Direct Source: Eaw Groundwater Point: Borehole (b) At St Merryn Meat Ltd, Dowlais Data Type: Point Name: St Merryn Meat Ltd Annual Volume (m³): 146000 Max Daily Volume (m³): 600 Original Application No: - Original Start Date: 7/9/1998 Expiry Date: - Issue No: 101 Version Start Date: 14/1/2000 Version End Date:
Not shown	1838	NE	308280 208860	Status: Historical Licence No: 21/57/22/0040 Details: Process Water Direct Source: Eaw Groundwater Point: Borehole (c) At St Merryn Meat Ltd, Dowlais Data Type: Point Name: St Merryn Meat Ltd Annual Volume (m³): 146000 Max Daily Volume (m³): 600 Original Application No: - Original Start Date: 7/9/1998 Expiry Date: - Issue No: 101 Version Start Date: 14/1/2000 Version End Date:

6.4 Surface Water Abstraction Licences

Are there any Surface Water Abstraction Licences within 2000m of the study site?

Yes

The following Surface Water Abstraction Licences records are represented as points, lines and regions on the Aquifer within Bedrock Geology Map (6b):

ID	Distance (m)	Direction	NGR	Details
Not shown	1364	SE	307830 206970	Status: Historical Licence No: 21/57/22/0026 Details: General Washing/Process Washing Direct Source: Eaw Surface Water Point: Morris Pond Data Type: Point Name: Miller Argent (South Wales) Ltd Annual Volume (m³): 4546 Max Daily Volume (m³): 681.9 Application No: - Original Start Date: 12/8/1977 Expiry Date: - Issue No: 103 Version Start Date: 14/12/2003 Version End Date:
Not shown	1615	NE	308250 208450	Status: Historical Licence No: 21/57/22/0001 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Eaw Surface Water Point: Roadside Pond Data Type: Point Name: Corus UK Ltd Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 11/2/1966 Expiry Date: - Issue No: 101 Version Start Date: 17/4/2000 Version End Date:

ID	Distance (m)	Direction	NGR	Details	
Not shown	1785	SE	307700 206300	Status: Active Licence No: 21/57/22/0009 Details: Transfer Between Sources (Pre Water Act 2003) Direct Source: Eaw Surface Water Point: Reservoir A Data Type: Point Name: Miller Argent (South Wales) Ltd	Annual Volume (m³): 0 Max Daily Volume (m³): 0 Application No: - Original Start Date: 11/2/1966 Expiry Date: - Issue No: 103 Version Start Date: 14/12/2003 Version End Date:

6.5 Potable Water Abstraction Licences

Are there any Potable Water Abstraction Licences within 2000m of the study site? No

Database searched and no data found.

6.6 Source Protection Zones

Are there any Source Protection Zones within 500m of the study site? No

Database searched and no data found.

6.7 Source Protection Zones within Confined Aquifer

Are there any Source Protection Zones within the Confined Aquifer within 500m of the study site? No

Historically, Source Protection Zone maps have been focused on regulation of activities which occur at or near the ground surface, such as prevention of point source pollution and bacterial contamination of water supplies. Sources in confined aquifers were often considered to be protected from these surface pressures due to the presence of a low permeability confining layer (e.g. glacial till, clay). The increased interest in subsurface activities such as onshore oil and gas exploration, ground source heating and cooling requires protection zones for confined sources to be marked on SPZ maps where this has not already been done.

Database searched and no data found.

6.8 Groundwater Vulnerability and Soil Leaching Potential

Is there any Environment Agency/Natural Resources Wales information on groundwater vulnerability and soil leaching potential within 500m of the study site? Yes

Distance (m)	Direction	Classification	Soil Vulnerability Category	Description
0	On Site	Minor Aquifer/High Leaching Potential	HU	Soil information for urban areas and restored mineral workings. These soils are therefore assumed to be highly permeable in the absence of site-specific information.

6.9 River Quality

Is there any Environment Agency/Natural Resources Wales information on river quality within 1500m of the study site? Yes

6.9.1 Biological Quality:

Biological Quality data describes water quality in terms of 83 groups of macroinvertebrates, some of which are pollution sensitive. The results are graded from A ('Very Good') to F ('Bad').

The following Biological Quality records are shown on the Hydrology Map (6e):

ID	Distance (m)	Direction	NGR	River Quality Grade	Biological Quality Grade				
					2005	2006	2007	2008	2009
Not shown	680	N	306900 208500	River Name: Morlais Reach: Conf.goitre Bk.-headwaters End/Start of Stretch: Start of Stretch NGR	C	C	C	C	C

6.9.2 Chemical Quality:

Chemical quality data is based on the General Quality Assessment Headline Indicators scheme (GQAHI). In England, each chemical sample is measured for ammonia and dissolved oxygen. In Wales, the samples are measured for biological oxygen demand (BOD), ammonia and dissolved oxygen. The results are graded from A ('Very Good') to F ('Bad').

The following Chemical Quality records are shown on the Hydrology Map (6e):

ID	Distance (m)	Direction	NGR	River Quality Grade	Chemical Quality Grade				
					2005	2006	2007	2008	2009
Not shown	680	N	306900 208500	River Name: Nant Morlais Reach: Conf.goitre Bk.-headwaters End/Start of Stretch: Start of Stretch NGR	C	C	D	E	-

6.10 Detailed River Network

Are there any Detailed River Network entries within 500m of the study site?

Yes

The following Detailed River Network records are represented on the Hydrology Map (6e):

ID	Distance (m)	Direction	Details
1	460	SE	River Name: Drain Welsh River Name: - Alternative Name: - River Type: Secondary River Main River Status: Currently Undefined
2	469	S	River Name: - Welsh River Name: - Alternative Name: - River Type: Secondary River Main River Status: Currently Undefined
3	471	NE	River Name: - Welsh River Name: - Alternative Name: - River Type: Tertiary River Main River Status: Currently Undefined
4	484	NE	River Name: - Welsh River Name: - Alternative Name: - River Type: Culvert Main River Status: Currently Undefined

6.11 Surface Water Features

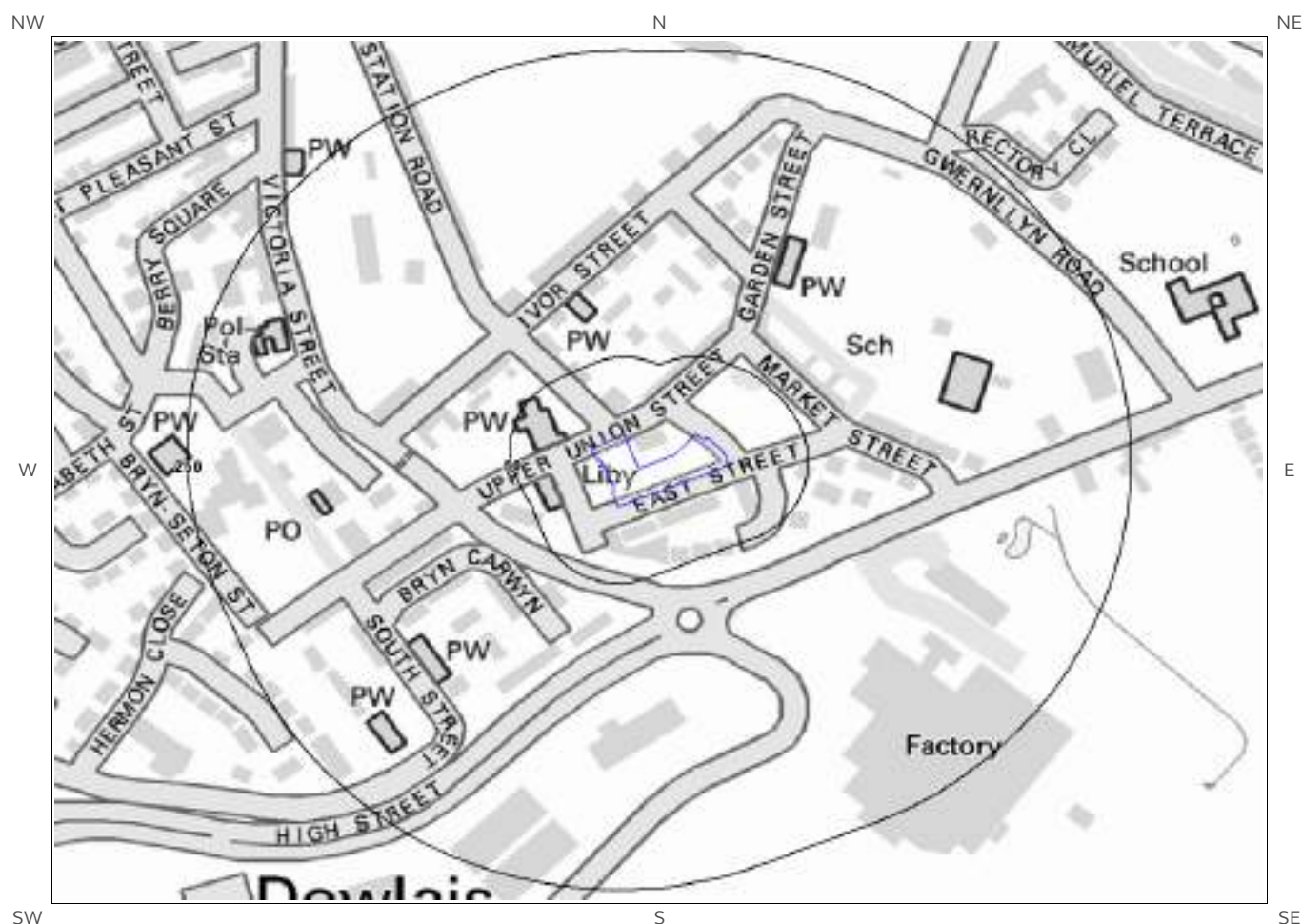
Are there any surface water features within 250m of the study site?

Yes

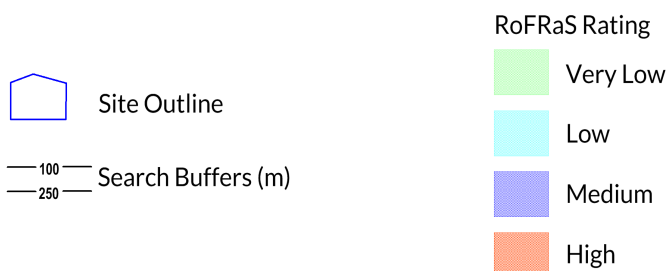
The following surface water records are not represented on mapping:

Distance (m)	Direction
201	E
201	E
211	E

7b. Environment Agency/Natural Resources Wales Risk of Flooding from Rivers and the Sea (RoFRaS) Map



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7 Flooding

7.1 River and Coastal Zone 2 Flooding

Is the site within 250m of an Environment Agency/Natural Resources Wales Zone 2 floodplain? No

Environment Agency/Natural Resources Wales Zone 2 floodplains estimate the annual probability of flooding as between 1 in 1000 (0.1%) and 1 in 100 (1%) from rivers and between 1 in 1000 (0.1%) and 1 in 200 (0.5%) from the sea. Any relevant data is represented on Map 7a – Flood Map for Planning:

Database searched and no data found.

7.2 River and Coastal Zone 3 Flooding

Is the site within 250m of an Environment Agency/Natural Resources Wales Zone 3 floodplain? No

Zone 3 shows the extent of a river flood with a 1 in 100 (1%) or greater chance of occurring in any year or a sea flood with a 1 in 200 (0.5%) or greater chance of occurring in any year. Any relevant data is represented on Map 7a – Flood Map for Planning.

Database searched and no data found.

7.3 Risk of Flooding from Rivers and the Sea (RoFRaS) Flood Rating

What is the highest risk of flooding onsite? Very Low

The Environment Agency/Natural Resources Wales RoFRaS database provides an indication of river and coastal flood risk at a national level on a 50m grid with the flood rating at the centre of the grid calculated and given above. The data considers the probability that the flood defences will overtop or breach by considering their location, type, condition and standard of protection.

RoFRaS data for the study site indicates the property is in an area with a Very Low (less than 1 in 1000) chance of flooding in any given year.

7.4 Flood Defences

Are there any Flood Defences within 250m of the study site? No
Database searched and no data found.

7.5 Areas benefiting from Flood Defences

Are there any areas benefiting from Flood Defences within 250m of the study site? No

7.6 Areas benefiting from Flood Storage

Are there any areas used for Flood Storage within 250m of the study site?

No

7.7 Groundwater Flooding Susceptibility Areas

7.7.1 Are there any British Geological Survey groundwater flooding susceptibility areas within 50m of the boundary of the study site? Yes

Does this relate to Clearwater Flooding or Superficial Deposits Flooding? Superficial Deposits Flooding

Notes: Groundwater flooding may either be associated with shallow unconsolidated sedimentary aquifers which overlie unproductive aquifers (Superficial Deposits Flooding), or with unconfined aquifers (Clearwater Flooding).

7.7.2 What is the highest susceptibility to groundwater flooding in the search area based on the underlying geological conditions?

Potential at Surface

Where potential for groundwater flooding to occur at surface is indicated, this means that given the geological conditions in the area groundwater flooding hazard should be considered in all land-use planning decisions. It is recommended that other relevant information e.g. records of previous incidence of groundwater flooding, rainfall, property type, and land drainage information be investigated in order to establish relative, but not absolute, risk of groundwater flooding.

7.8 Groundwater Flooding Confidence Areas

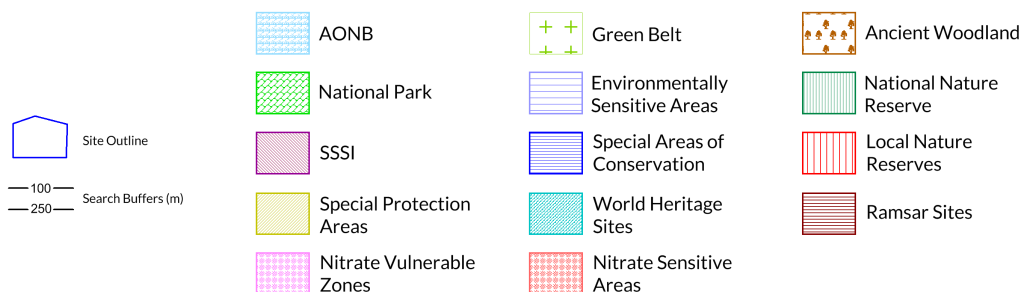
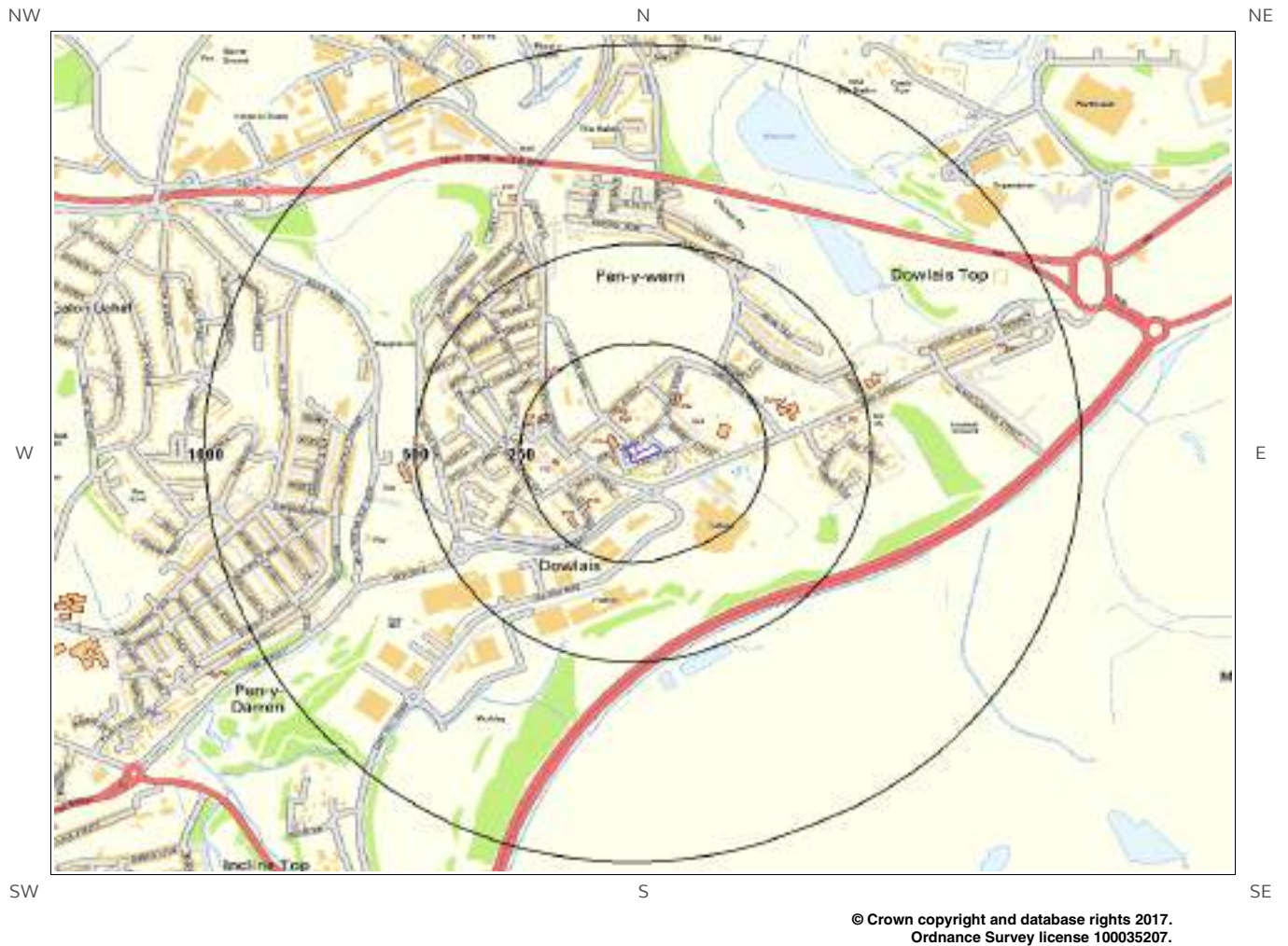
What is the British Geological Survey confidence rating in this result?

High

Notes: Groundwater flooding is defined as the emergence of groundwater at the ground surface or the rising of groundwater into man-made ground under conditions where the normal range of groundwater levels is exceeded.

The confidence rating is on a threefold scale - Low, Moderate and High. This provides a relative indication of the BGS confidence in the accuracy of the susceptibility result for groundwater flooding. This is based on the amount and precision of the information used in the assessment. In areas with a relatively lower level of confidence the susceptibility result should be treated with more caution. In other areas with higher levels of confidence the susceptibility result can be used with more confidence.

8. Designated Environmentally Sensitive Sites Map



8. Designated Environmentally Sensitive Sites

Presence of Designated Environmentally Sensitive Sites within 2000m of the study site?

Yes

8.1 Records of Sites of Special Scientific Interest (SSSI) within 2000m of the study site:

0

Database searched and no data found.

8.2 Records of National Nature Reserves (NNR) within 2000m of the study site:

0

Database searched and no data found.

8.3 Records of Special Areas of Conservation (SAC) within 2000m of the study site:

0

Database searched and no data found.

8.4 Records of Special Protection Areas (SPA) within 2000m of the study site:

0

Database searched and no data found.

8.5 Records of Ramsar sites within 2000m of the study site:

0

Database searched and no data found.

8.6 Records of Ancient Woodland within 2000m of the study site:

2

The following records of Designated Ancient Woodland provided by Natural England/Natural Resources Wales are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	Ancient Woodland Name	Data Source
Not shown	1977	S	Unknown	Ancient and Semi-Natural Woodland
Not shown	1990	S	Unknown	Restored Ancient Woodland Site

8.7 Records of Local Nature Reserves (LNR) within 2000m of the study site:

0

Database searched and no data found.

8.8 Records of World Heritage Sites within 2000m of the study site:

0

Database searched and no data found.

8.9 Records of Environmentally Sensitive Areas within 2000m of the study site:

0

Database searched and no data found.

8.10 Records of Areas of Outstanding Natural Beauty (AONB) within 2000m of the study site:

0

Database searched and no data found.

8.11 Records of National Parks (NP) within 2000m of the study site:

0

Database searched and no data found.

8.12 Records of Nitrate Sensitive Areas within 2000m of the study site:

0

Database searched and no data found.

8.13 Records of Nitrate Vulnerable Zones within 2000m of the study site:

0

Database searched and no data found.

8.14 Records of Green Belt land within 2000m of the study site:

0

Database searched and no data found.

9. Natural Hazards Findings

9.1 Detailed BGS GeoSure Data

BGS GeoSure Data has been searched to 50m. The data is included in tabular format. If you require further information on geology and ground stability, please obtain a **Groundsure Geo Insight**, available from our **website**. The following information has been found:

9.1.1 Shrink Swell

What is the maximum Shrink-Swell* hazard rating identified on the study site? Very Low

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
Ground conditions predominantly low plasticity. No special actions required to avoid problems due to shrink-swell clays. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with shrink-swell clays.

9.1.2 Landslides

What is the maximum Landslide* hazard rating identified on the study site? Very Low

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
Slope instability problems are unlikely to be present. No special actions required to avoid problems due to landslides. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with landslides.

9.1.3 Soluble Rocks

What is the maximum Soluble Rocks* hazard rating identified on the study site? Negligible

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
Soluble rocks are present, but unlikely to cause problems except under exceptional conditions. No special actions required to avoid problems due to soluble rocks. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with soluble rocks.

* This indicates an automatically generated 50m buffer and site.

9.1.4 Compressible Ground

What is the maximum Compressible Ground* hazard rating identified on the study site? Negligible

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
No indicators for compressible deposits identified. No special actions required to avoid problems due to compressible deposits. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with compressible deposits.

9.1.5 Collapsible Rocks

What is the maximum Collapsible Rocks* hazard rating identified on the study site? Very Low

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
Deposits with potential to collapse when loaded and saturated are unlikely to be present. No special ground investigation required or increased construction costs or increased financial risk due to potential problems with collapsible deposits.

9.1.6 Running Sand

What is the maximum Running Sand** hazard rating identified on the study site? Very Low

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
Very low potential for running sand problems if water table rises or if sandy strata are exposed to water. No special actions required, to avoid problems due to running sand. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with running sand.

9.2 Radon

9.2.1 Radon Affected Areas

Is the property in a Radon Affected Area as defined by the Health Protection Agency (HPA) and if so what percentage of homes are above the Action Level? The property is not in a Radon Affected Area, as less than 1% of properties are above the Action Level.

* This indicates an automatically generated 50m buffer and site.

9.2.2 Radon Protection

Is the property in an area where Radon Protection are required for new properties or extensions to existing

ones as described in publication BR211 by the Building Research Establishment?

No radon protective measures are necessary.

10. Mining

10.1 Coal Mining

Are there any coal mining areas within 75m of the study site? Yes

The following coal mining information provided by the Coal Authority is not represented on Mapping:

Distance (m)	Direction	Details
0	On Site	The study site is located within the specified search distance of an identified mining area. Further details concerning this can be obtained from the Coal Authority Helpline on 0845 762 6848.

10.2 Non-Coal Mining

Are there any Non-Coal Mining areas within 50m of the study site boundary? Yes

The following non-coal mining information is provided by the BGS:

Distance (m)	Direction	Name	Commodity	Assessment of likelihood
0.0	On Site	Not available	Iron Ore (Bedded)	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

Past underground mine workings may occur. The rock types present in these areas are such that small mineral veins may be present on which it is possible that small scale mining has been undertaken and/or it is possible that limited underground extraction of other materials may have occurred. All such occurrences are likely to be of minor localised extent and infrequent. It should be noted, however, that there is always the possibility of the existence of other sub-surface excavations, such as wells, cess pits, follies, air raid shelters/bunkers and other military structures etc. that could affect surface ground stability but which are outside the scope of this dataset. However, if in a coalfield area you should still consider a Coal Authority mining search for the area of interest.

10.3 Brine Affected Areas

Are there any brine affected areas within 75m of the study site? No
Guidance: No Guidance Required.

Contact Details

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Earth Science Partnership
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