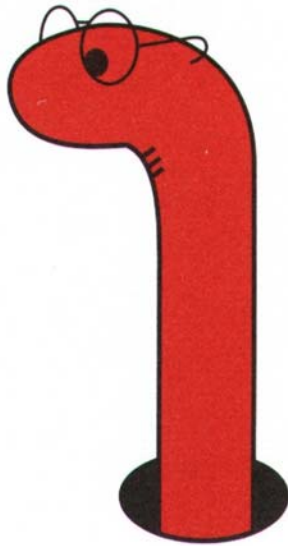


Electronic Report



WORMS EYE

**52 Bank Parade
Burnley
BB11 1TS
Phone
01282 414649 / 458410**

Our Ref: Stubbins Lane/PR3 0PL/2017
Date: 1 December 2017

Claire Parker
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STUBBINS HOUSE, STUBBINS LANE, CLAUGHTON-ON-BROCK, PRESTON, PR3 0PL **PRELIMINARY RISK ASSESSMENT (DESK STUDY)**

INTRODUCTION

A residential and commercial development is proposed. The objective is to carry out a desk study, supplemented with a walk over survey, to form a Preliminary Risk Assessment to consider contamination and landfill gas issues.

SITE DESCRIPTION

The site is an approximately rectangular shaped plot, about 29 by 24 metres, located to the southeast of Stubbins Lane in Claughton-On-Brock and at OS Grid Reference 350668, 442683.

The site was inspected on 22/11/17 by Mr Simon Gimeno (Geotechnician) and is part of a farm and comprised agricultural buildings, currently being used mainly for livestock.

The various buildings on or near the site are as described as follows, (see plan):

On Site

- A. Stone built two storey barn with a corrugated steel roof. (To be converted).
- B. Single storey block work lean-to with a corrugated steel roof.
- C. Timber/metal/asbestos dilapidated shed.
- D. Corrugated steel and timber shed, with diesel tank inside.

Off Site

- E. Large high barn of corrugated steel, with diesel tank inside.
- F. Open front barn/stable timber and steel.
- G. Large modern barns

The site was generally level with a grass surface to the west of the building, and concrete surface to the north and east. In the south the surrounding area was unsurfaced.

Surrounding the site was mainly farmland and farm buildings. A barn immediately south of the site had a diesel/oil tank inside. One barn stored hay and another had different oils/lubricants and tools.

The area slopes down gently to the northwest.

PROPOSED DEVELOPMENT

It is proposed to convert the existing stone barn A into two houses, with car parking and gardens to the rear (southwest).

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NOT INCLUDED IN THE REPORT

- Arboricultural Survey.
- Asbestos Survey
- Invasive Plant Survey (Japanese Knotweed etc).
- Mining Risk Assessment.
- River/Tidal Flood Risk Assessment.
- Surface Water Flooding.
- Underground Services Survey.

General comments may be made with regards to the above where there are obvious features seen on site, in the data review or where they are applicable to the environmental and geotechnical risk assessment. These general comments do not constitute a detailed risk assessment.

DATA SOURCES

The following data sources have been viewed in compiling this report.

- BGS, Geology Map, 1:50000 scale, Solid and Drift Edition
- Coal Authority Interactive Mapping
- Environment Agency, What's In Your Backyard
- Groundwater/Landfill Sites/Pollution
- Landmark Envirocheck Report, 7/11/2017
- Ordnance Survey, Historical Maps, 1:10000 and 1:2500 scale
- Walkover Survey, 22/11/2017.

ENVIRONMENTAL DATA

A Landmark Envirocheck report has been obtained for the site and geological maps have been reviewed, the following is a summary of the combined data. The Envirocheck report indicated none of the following within 250 metres:

- Contaminated land register entries
- Substantiated pollution incidents
- Water abstraction points
- Radioactive sites
- Landfill Sites
- Hazardous substances sites
- Trade directory entries
- Fuel stations
- Sensitive land uses

Geology of Site

The geological map indicates that the underlying solid rocks are sandstone of the Sherwood Sandstone Group.

Surface drift is shown as glacial till (boulder clay) of unknown thickness.

NEARBY BOREHOLES/PREVIOUS REPORTS/OUTCROPS

The following information, and enclosed borehole logs, contain British Geological Survey materials © NERC (2017).

Historical boreholes to west and east indicate rockhead at 25 – 30 metres deep.

Surface Water (Hydrology)

A stream flows southwest along the side of Stubbins Lane, 26 metres to the northwest. The Lancaster Canal is 215 metres east at a slightly higher level.

A smaller stream flows from the southeast and is shown to run through the farm close to the site (see water network map enlargement), perhaps in a culvert.

The nearest discharge consents is 154 metres north, sewage discharge-final/treated effluent to freshwater stream/river in 1976, lapsed*

There only pollution incident to surface water listed within 250 metres was a minor incident, unknown pollutant to unknown receiver on 1992, 29 metres northeast

The area slopes down to the west and the flow of surface water is expected to be in this direction.

* Not relevant due to distance/severity/significance

Flooding General

Information is obtained from the EA flood maps and suggests areas where rivers would flood. There are two zones:

- 'normal' flooding, based on a 1 in 100 chance of it happening in any year (1 in 200 if flooding is from the sea). This is normally closer to the river.
- 'extreme' flooding, further away from the river and having a 1 in 1000 chance.

Flooding can occur for many reasons other than those dealt with by the EA maps. These include:

- burst pipes
- blocked drains, sewers and culverts
- inadequate drainage
- cloudbursts/flash flooding overwhelming normally satisfactory drainage systems

Statements in this report such as 'clear of flooding' are references to the EA river and sea flood maps and are no guarantee that flooding will not occur.

Groundwater Flooding

The site is shown to be in an area with a potential for groundwater flooding of property situated below ground level.

Flooding From Rivers and Seas

The site is shown to be at risk of flooding in 'extreme' conditions.

An area at risk of flooding in 'normal' conditions is shown 5 metres southwest

Surface Water Flooding

The site is shown to be at risk of 1 in 1000 year surface water flooding.

An area at risk of 1 in 30 year surface water flooding is shown 10 metres north.

Groundwater (Hydrogeology)

The solid rocks under the site are indicated as a Principal aquifer.

Superficial (drift) deposits are classed as a Secondary Undifferentiated aquifer with a low permeability.

The site is in a zone III (total catchment) source protection zone, the inner protection zone being 220 metres northeast and the groundwater borehole 430 metres northeast.

Groundwater flow will be to the northeast.

Radon

The site is in a lower probability radon area as less than 1% of homes in the area are above the radon action level.

Radon protection measures are not required.

Mining

The Coal Authority Interactive Mapping shows:

- Site is not in a High Risk Area.
- No nearby coal seams.
- No nearby mine entries.

SITE HISTORY

Date	On Site	Off Site
1846–1847 1:10,560	Undeveloped field.	Poor and unclear mapping. Possible farm house immediately northwest. Preston and Lancaster Canal 215 metres east. Mostly undeveloped fields.
1893 1:2,500	Building on east of site (Barn A).	Fish pond 245 metres east. Ponds 210 metres, 230 metres and 245 metres southeast. Building 5 metres northeast clearly shown. Stream 25 metres southwest.
1912 1:2,500	Little or no change.	One pond to southeast, not present, presumed silted up. Unknown building, probably stables, immediately southeast.
1932 1:2,500	Little or no change.	Pond to southeast not present.
1966 1:2,500	Building on site extended to southwest (Barn D). Probable garages on site, southwest of building.	Site surrounded by a few small buildings and garages to northeast and 15 metres east.
1994 1:2,500	Garages no longer present. Building on north and south of site	No relevant change.
2017 1:10,000	Site as present.	No relevant change.

DISCUSSION

Contamination

Several buildings and probable garages have previously been on site. This is not expected to be a source of high levels of contaminants. However, low levels, exceeding stringent residential thresholds, could be present, this from building materials (particularly asbestos), storage of equipment/vehicles and the above ground fuel storage tanks (barn D).

The lean-to to the south, and nearby barn E, have above ground storage tanks (likely diesel). Although there is no current indication of leaks, historic issues cannot be ruled out, although the lack of obvious contamination suggests a very high risk of hydrocarbons (TPHs/PAHs) leaking from the tank is unlikely.

Regarding the barn E further south, this is unlikely to be a significant risk and is not likely to introduce contaminants different to those which may be generated on site, or at higher levels.

In the surrounding area is undeveloped field, a canal and several (possibly farm) buildings. There have been no industrial, or other, land uses from which contamination would affect the site.

Although there was a nearby pollution incident, no details are given. This suggests a minor, insignificant matter.

The proposed development will be to convert the existing two storey stone (barn A) to residential use. Potential pollutant linkages are considered to be:

- Direct contact with soil.
- Ingestion of soil.
- Inhalation and ingestion of dust.
- Inhalation of vapours.
- Contaminants entering drinking water pipes.

Controlled Waters

There is an underlying Principal aquifer deep beneath low permeability clay. The site is also in a zone III Source Protection Zone with the source being 430 metres northeast.

There is a stream 26 metres southwest and another (possibly in a culvert) close to the southwest of the site.

Although the garden areas will allow rainwater to pass through the surface soils and migrate towards the aquifer/river, contamination is not expected at high levels. The underlying clay (25 – 30 metres) will impede the migration of water and it is anticipated there will be only a low risk to controlled waters.

Landfill Gas/Ground Gas

There are no landfill sites or filled features within 250 metres of the site.

It is considered that there is no risk to the development from landfill or ground gases.

Radon

Radon protection measures are not required.

Flooding

The Environment Agency maps show that this site is at risk of flooding as follows from rivers and sea:

- From rivers and sea in extreme conditions.
- From surface water (1 in 1000 year risk).
- To basements etc. from groundwater.

INDUSTRY PROFILE

The site is an agricultural building. Low levels of contaminants may be present from the former garages on-site, storage of materials/equipment, building materials including asbestos, vehicles and an above ground fuel storage tanks.

Industry	Possible Contaminants
Potential Contaminants	Metals: e.g. copper, zinc, chromium, lead, cadmium, arsenic, Inorganic compounds: cyanide, sulphates Mineral oils, fuel oils (TPHs) Asbestos General hydrocarbons (PAHs).

CONCEPTUAL MODEL

A conceptual model based on the source-pathway-receptor concept is included with this desk study to show the potential pollutant linkages with this site.

Source	Receptors	Pathway	Likely/Potential Pollutant Linkage
Asbestos	Construction workers	Inhalation	Yes
	End-users	Inhalation	Yes
Inorganic contaminants	Construction workers	Short-term direct contact, inhalation of dust, ingestion	Yes
	Householders	Direct contact, ingestion, from home grown vegetables, ingestion and inhalation of dust	Yes
	Groundwater	Leaching towards	No
	River/stream	Leaching towards	No
Sulphate	Building fabric	Concrete directly in contact with soil	No
Hydrocarbons	Construction workers	Short-term direct contact, inhalation of dust, ingestion	Yes
	Householders	Direct contact, ingestion, from home grown vegetables, ingestion and inhalation of dust	Yes
	Service pipes	Seeping into drinking water pipes	Unlikely
	Groundwater	Migrating towards	No
	River/stream	Migrating/leaching towards	No
Hydrocarbon vapours	Construction workers	Short-term inhalation	Unlikely
	Householders	Inhalation of vapours indoors and outdoors	Possible
Landfill gas	End-users - in buildings	Seeping into buildings, explosion, asphyxiation	No
Radon	End-users - in buildings	Seeping into buildings	No

CONCLUSION

Contamination

Taking into account the past use of the site it is thought that contamination may be present on the site. High levels are not expected, but could exceed stringent residential thresholds.

An intrusive investigation is required, consisting of boreholes/trial holes and tests to confirm the presence and extent of contamination on the site.

The storage tank in the lean-to (barn D) is a specific point sources for contamination and the investigation will need to target this, together with the proposed gardens (most sensitive part of the development) and proposed houses.

Controlled Waters

A low risk to controlled water is expected and no further action is considered necessary at this stage. This will need to be reviewed following the soil tests.

Landfill Gas/Ground Gas

There are no landfill sites or significant filled features within 250 metres.

Gas testing is not needed and no special precautions are required.

Radon

Radon protection measures are not required.

Coal Mining

No further action is required.

Flooding

The Environment Agency maps suggest that the site could be subject to flooding from rivers in extreme circumstances.

The maps suggest that the site could be subject to 1 in 1000 year surface water and basement flooding.

These maps are fairly crude and it is beyond the scope of this report to provide a comprehensive flood risk assessment. For greater confidence a detailed flood risk assessment should be obtained.

Yours faithfully
on behalf of Worms Eye Ltd

David Lord
BSc (Hons)
FGS, MIEEnvSc, AIEMA

**STUBBINS HOUSE, STUBBINS LANE, CLAUGHTON-ON-BROCK,
PRESTON, PR3 0PL**

LIST OF APPENDICES – PRELIMINARY RISK ASSESSMENT (Desk Study)

Existing Site Plan

Photographs of Site

Proposed Site Plan

Landmark Envirocheck Report

Landmark Summary Map

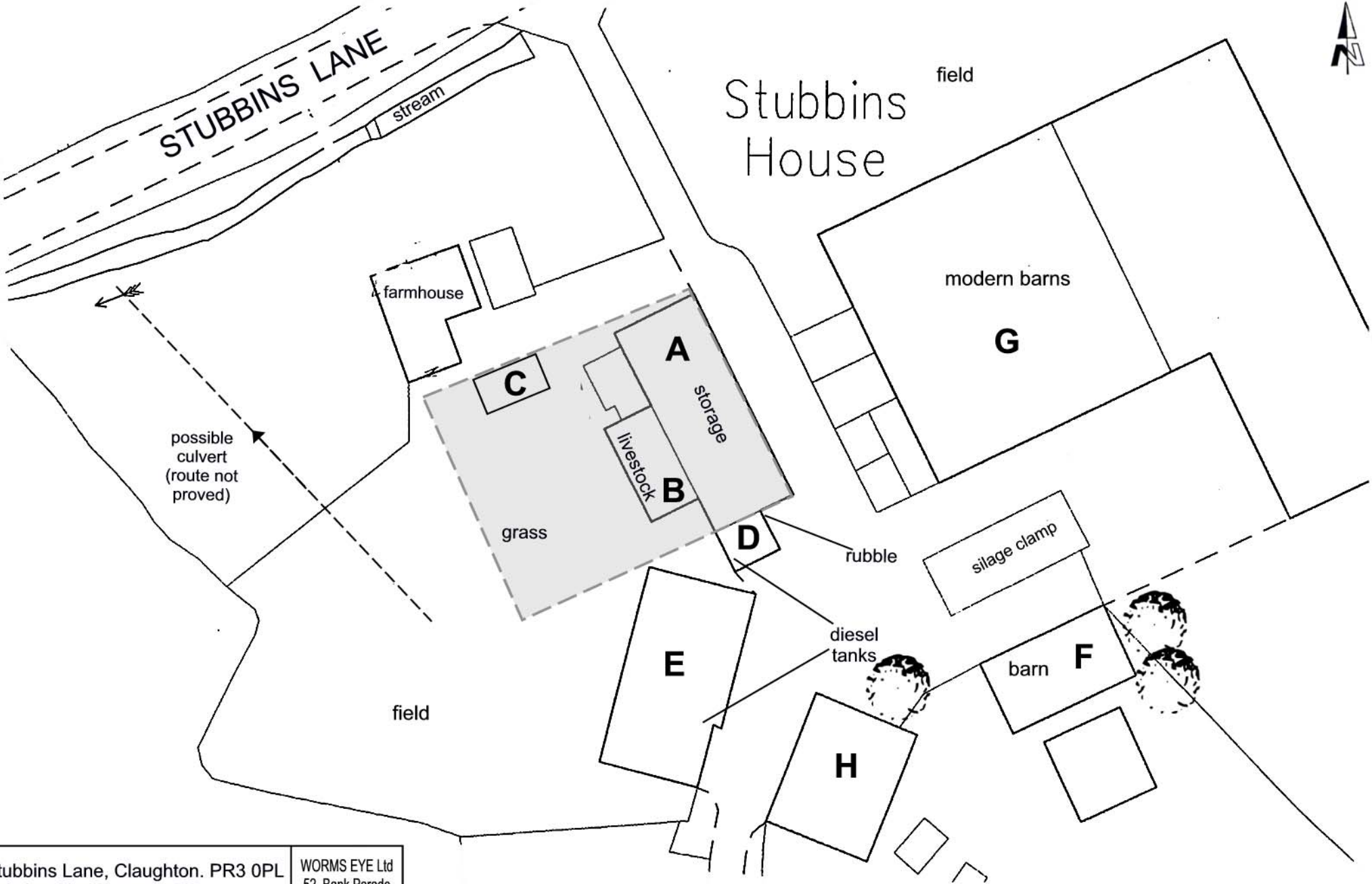
Landmark Historical Maps

Landmark Data Maps

Conceptual Model

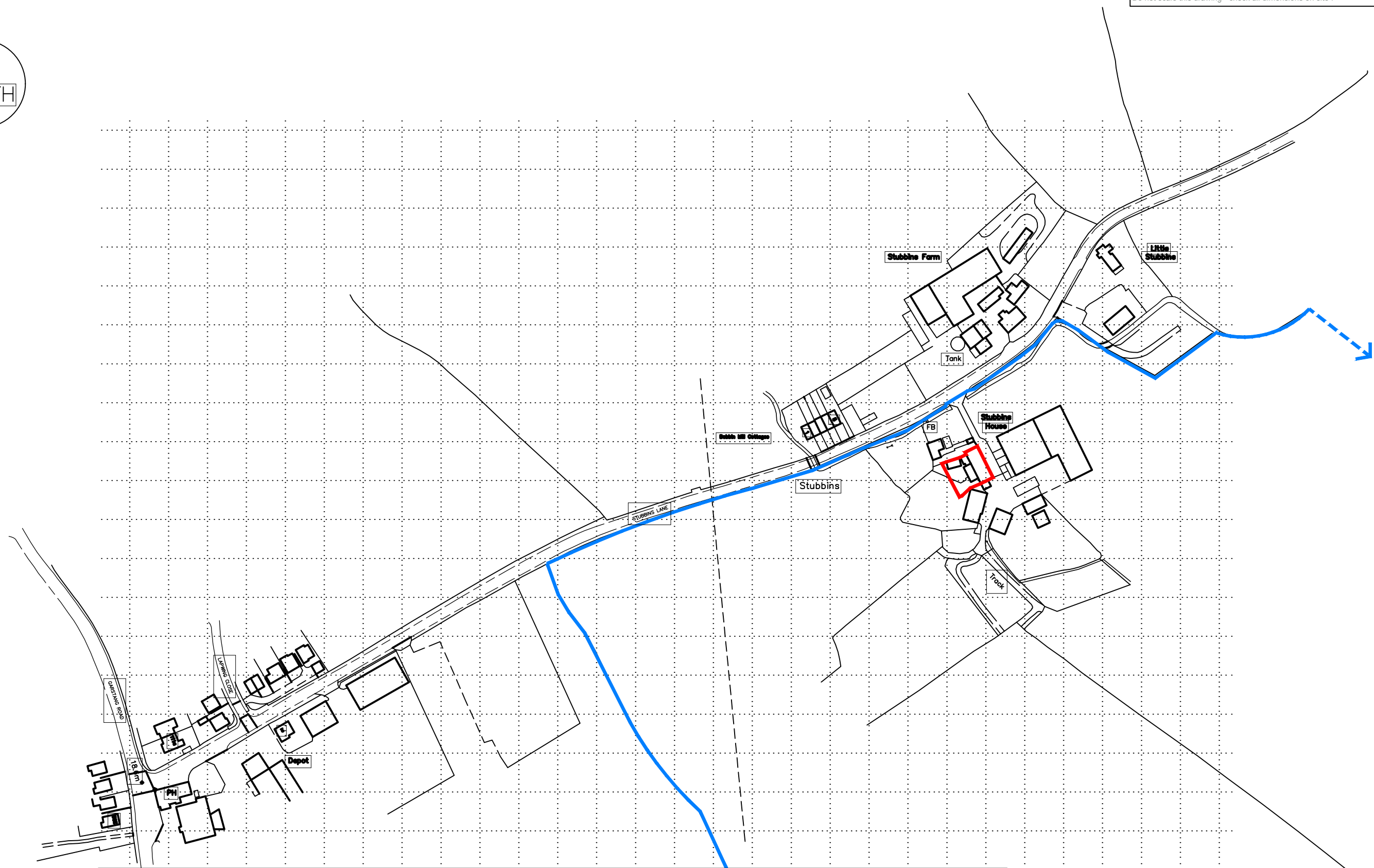
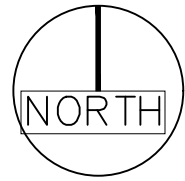
ABBREVIATIONS

<u>Chemical</u>	BAP	Benzo(a)pyrene
	BTEX	Benzene, toluene, ethylbenzene, xylene
	DAHA	Dibenzo(ah)anthracene
	MTBE	Methyl tertiaryt-butyl ether (additive to petrol)
	EPH	Extractable Petroleum Hydrocarbons (formerly Diesel Range Organics – DRO)
	NFD	No fibres detected (asbestos test)
	PAH	Polycyclic aromatic hydrocarbons
	PCB	Polychlorinated biphenyls
	PID	Photo ionisation detector
	PRO/GRO	Petrol range organics/gasoline range organics
	SVOC	Semi-volatile organic compounds
	TCE	Trichloroethylene
	TPH	Total petroleum hydrocarbons
	VOC	Volatile organic compounds
<u>Other</u>	AGS	Association of Geotechnical Specialists
	BGS	British Geological Survey
	BRE	Building Research Establishment
	CBR	California Bearing Ratio
	CIEH	Chartered Institute of Environmental Health
	CIRIA	Construction Industry Research and Information Association
	CLEA	Contaminated Land Exposure Assessment (Environment Agency)
	CLR 8	Contaminated Land Research Report 8 (Environment Agency)
	DWQ	Drinking water quality
	EA	Environment Agency
	EQS	Environmental quality standards
	ICRCL	Inter-departmental Commission for the Reclamation of Contaminated Land
	LQM	Land Quality Management Ltd (Land and Environmental Consultancy)
	NHBC	National House Builders Council
	SGV	Soil Guideline Values
	SPT	Standard penetration test
	TPHWG	TPH Working Group



Stubbins Lane, Claughton. PR3 0PL
Existing Site Plan 1: 500

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 Architecture + Building Surveying + Town Planning 7 East Cliff, Preston, Lancashire, PR1 3JE 01772 258 356 10 Hunters Walk, Canal Street, Chester, CH1 4EB 01244 402 900	Client Mr & Mrs Thompson		Drawing Title Location Plan		
	Project Mixed Use Residential And Employment Scheme		Drawn by JP	Checked by ND	Date 18.09.2017
			Status PLANNING	Scale @ A3	1:2500
	Job no. 9009	Dwg.no. L02	Rev. P1		

Stubbins Lane, Claughton, PR3 0PL



view of site looking northeast



diesel tank and empty drums in barn D, south of site



diesel tank in barn D, south of site



view of site looking south

Stubbins Lane, Claughton, PR3 0PL



Farm House

Barn C

northwest



Barn A

Lean to B

northeast

view looking generally north

Stubbins Lane, Claughton, PR3 0PL



Barn E

Barn D

Barn A

west

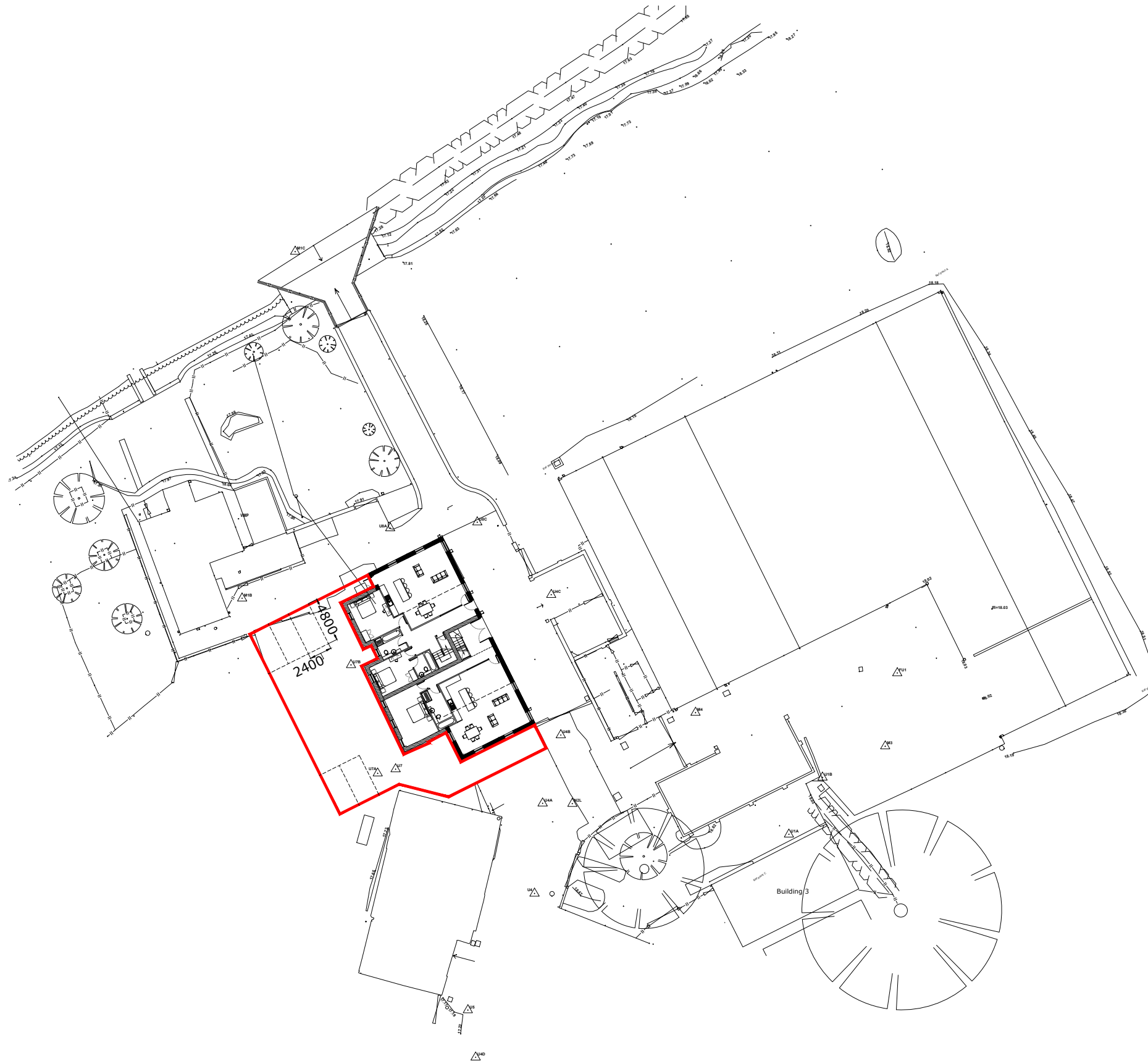
northwest

looking generally west


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Do not scale this drawing - check all dimensions on site.

Health & Safety Notes

- Contractor must ensure that all work on site is carried out in a safe & satisfactory manner, in accordance with Health & Safety At Work Act 1974, COSHH Regulations 2002 & requirements of C.D.M



Rev.	Description	Date
A	Parking areas and spaces revised	03.11.2017
P1	First Issue	18.09.2017



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 7 East Cliff, Preston, Lancashire, PR1 3JE 01772 258 356
 10 Hunters Walk, Canal Street, Chester, CH1 4EB 01244 402 900

Client Mr & Mrs Thompson
Project Mixed Use Residential And Employment Scheme

Drawing Title Proposed Site Plan		
Drawn by JP	Checked by ND	Date 18.09.2017
Status PRELIMINARY	Scale @ A3	1:500
Job no. 9009	Dwg.no. L06	Rev. A

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

145435404_1_1

Customer Reference:

PR3 0PL

National Grid Reference:

350660, 442680

Slice:

A

Site Area (Ha):

0.07

Search Buffer (m):

1000

Site Details:

Stubbins House Farm, Stubbins Lane

Claughton-on-Brock

PRESTON

PR3 0PL

Client Details:

Mr D Lord

Worms Eye Ltd

52 Bank Parade

Burnley

Lancashire

BB11 1TS

Report Section	Page Number
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Waste	31
Hazardous Substances	-
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Sensitive Land Use	-
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Introduction

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

In the attached datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2		1	1	4
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 3				3
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 3		Yes		
Pollution Incidents to Controlled Waters	pg 4		1		13
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 6		1		2
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points	pg 7				1
Substantiated Pollution Incident Register	pg 7				3
Water Abstractions	pg 8			7	2 (*38)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 19	Yes	n/a	n/a	n/a
Drift Deposits	pg 19	1	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 19	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 19	Yes	n/a	n/a	n/a
Source Protection Zones	pg 19	1	2	2	4
Extreme Flooding from Rivers or Sea without Defences	pg 20	Yes		n/a	n/a
Flooding from Rivers or Sea without Defences	pg 20		Yes	n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 20		8	16	67

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
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Integrated Pollution Control Registered Waste Sites					
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Licensed Waste Management Facilities (Locations)	pg 31				2
Local Authority Landfill Coverage	pg 31	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)					
Potentially Infilled Land (Water)	pg 31				7
Registered Landfill Sites					
Registered Waste Transfer Sites	pg 32				2
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 33	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 33	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites					
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 34	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 34		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 34	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 34	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 35	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
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Contemporary Trade Directory Entries	pg 36			7	20
Fuel Station Entries					
Points of Interest - Commercial Services	pg 38			8	6
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 39				8
Points of Interest - Public Infrastructure	pg 40				7
Points of Interest - Recreational and Environmental					
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (W)	0	1	350662 442681
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	17	1	350650 442650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (W)	102	1	350550 442650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	143	1	350800 442600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (E)	173	1	350850 442650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (S)	216	1	350662 442450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (E)	232	1	350900 442750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (E)	270	1	350950 442681
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (E)	343	1	351000 442800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	353	1	350950 442450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	354	1	350700 443050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	409	1	350600 443100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (NE)	417	1	351000 442950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (NE)	432	1	351050 442900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	472	1	350800 443150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	476	1	351150 442750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14NW (E)	486	1	351150 442800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A9NW (SE)	495	1	351000 442300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>Discharge Consents</p> <p>Operator: Mr K. Southward Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: 4 Bobbin Mill Cottages, Stubbins Lane, Claughton, Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 017290032 Permit Version: 1 Effective Date: 21st August 1976 Issued Date: Not Supplied Revocation Date: 1st October 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib River Calder Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m</p>	A13NW (N)	154	2	350650 442850
2	<p>Discharge Consents</p> <p>Operator: Highways Agency Property Type: WAREHOUSING + SUPPORT ACTIVITIES FOR TRANSPORTATION Location: Stubbins Lane Depot, Stubbins Lane, Claughton On Brock, Preston, Pr3 0pl Authority: Environment Agency, North West Region Catchment Area: Brock Reference: 017290540 Permit Version: 1 Effective Date: 20th February 2004 Issued Date: 20th February 2004 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Stubbins Brook Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A14NW (NE)	407	2	351010 442920
3	<p>Discharge Consents</p> <p>Operator: Ministry Of Agriculture Fisheries & Food Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Food Storage Depot, Claughton-On-Brock, Preston, Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 0112 Permit Version: 1 Effective Date: 1st April 1991 Issued Date: Not Supplied Revocation Date: 31st December 1994 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Unknown Environment: Receiving Water: Not Supplied Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m</p>	A7NE (SW)	587	2	350222 442270
3	<p>Discharge Consents</p> <p>Operator: Ministry Of Agriculture Fisheries & Food Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Food Storage Depot, Claughton-On-Brock, Preston, Lancashire Authority: Environment Agency, North West Region Catchment Area: Brock Reference: 0112 Permit Version: 2 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 14th November 2013 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Yoad Pool Status: Revoked under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A7NE (SW)	587	2	350222 442270

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<p>Discharge Consents</p> <p>Operator: T. & M. Eccles Property Type: FARMS (NOT HOUSE)/CROP + ANIMAL REARING/PLANT NURSERY Location: Towncroft Farm New La, Cloughton-On-Brock, Preston, Lancashire, Pr3 0gb Authority: Environment Agency, North West Region Catchment Area: Brock Reference: 012817/6/Lg Permit Version: 1 Effective Date: 15th June 1973 Issued Date: 15th March 1973 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Canal Environment: Receiving Water: Lancaster Canal Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m</p>	A9NW (SE)	660	2	351000 442100
5	<p>Discharge Consents</p> <p>Operator: Mr Andrew Singleton Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Bradley Hill Farm, Cloughton-On-Brock, Garstang, Preston, Pr3 0ga Authority: Environment Agency, North West Region Catchment Area: Brock Reference: 017290659 Permit Version: 1 Effective Date: 31st July 2006 Issued Date: 31st July 2006 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Trib Blay Brook Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A8SW (S)	959	2	350430 441733
6	<p>Prosecutions Relating to Controlled Waters</p> <p>Location: Trib If Calder, Stones Lane, Catterall, West Yorkshire, Pr3 0 Prosecution Text: A Silage Clamp Was Allowed To Leak, The Liquor Entering A Nearby Watercourse - Conditional Discharge Served Prosecution Act: Wra91 S85(1) & S85(6) Hearing Date: 1st October 2003 Verdict: Guilty Fine: 0 Cost: 840 Positional Accuracy: Manually positioned within the geographical locality</p>	A18NW (N)	683	2	350524 443364
7	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Craven Tasker Ltd Location: Joe Lane, Catterall, PRESTON, PR3 0QD Authority: Wyre Borough Council, Environmental Health Department Permit Reference: 03/OW/02 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned within the geographical locality</p>	A12SE (W)	639	3	350024 442537
8	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Montracon Ltd Location: Joe Lane, CATTERALL, Lancashire, PR3 Authority: Wyre Borough Council, Environmental Health Department Permit Reference: Not Given Dated: 1st January 1994 Process Type: Local Authority Air Pollution Control Description: PG6/23 Coating of metal and plastic Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the road within the address or location</p>	A12SW (W)	678	3	349974 442590
9	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Re Leach Engineers Ltd Location: Brockholes Way, Cloughton, PR3 0PZ Authority: Wyre Borough Council, Environmental Health Department Permit Reference: Wyre/OW/40 Dated: 15th August 2006 Process Type: Local Authority Pollution Prevention and Control Description: PG6/23 Coating of metal and plastic Status: Permitted Positional Accuracy: Manually positioned to the address or location</p>	A7NE (SW)	682	3	350268 442104
	<p>Nearest Surface Water Feature</p>	A13NW (NW)	26	-	350634 442710

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Lancashire Authority: Environment Agency, North West Region Pollutant: Not Given Note: Not Supplied Incident Date: 30th June 1992 Incident Reference: 92310117 Catchment Area: Wyre Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A13NE (NE)	29	2	350700 442700
11	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Petrol Note: Probably Tributary Calder Incident Date: 22nd November 1994 Incident Reference: 94310134 Catchment Area: Wyre Receiving Water: Not Given Cause of Incident: Accidental Spillage/Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A14NW (E)	535	2	351200 442800
12	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Lancashire Authority: Environment Agency, North West Region Pollutant: Not Given Note: River Calder; None Pollution Found Incident Date: 1st August 1991 Incident Reference: 91310125 Catchment Area: Calder - Lancs Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	684	2	350100 443100
13	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Farm Drainage Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Organic Wastes: Cattle slurry Note: Not Supplied Incident Date: 5th October 1992 Incident Reference: 92310155 Catchment Area: Lancaster Canal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m</p>	A8SE (S)	709	2	350900 442000
14	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Farm Drainage Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Organic Wastes: Cattle slurry Note: River Calder Incident Date: 28th May 1995 Incident Reference: 95310066 Catchment Area: Wyre Receiving Water: Not Given Cause of Incident: Mechanical Failure Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m</p>	A18NW (N)	723	2	350500 443400
15	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Boats/Ships Location: Lancashire Authority: Environment Agency, North West Region Pollutant: Unknown Note: Not Supplied Incident Date: 12th August 1994 Incident Reference: 94310098 Catchment Area: Lancaster Canal Receiving Water: Canal Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A18NW (N)	806	2	350600 443500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Springfield Angling, Caterall Authority: Environment Agency, North West Region Pollutant: Algae Note: Not Supplied Incident Date: 30th August 1998 Incident Reference: CE981350 Catchment Area: Wyre Receiving Water: Freshwater Stream/River Cause of Incident: Poor Operational Practice Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m</p>	A19SW (NE)	869	2	351300 443295
16	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Rock Holes Public House, Caterall Authority: Environment Agency, North West Region Pollutant: Algae Note: Not Supplied Incident Date: 4th September 1998 Incident Reference: CE980768 Catchment Area: Wyre Receiving Water: Freshwater Stream/River Cause of Incident: Poor Operational Practice Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m</p>	A19SW (NE)	873	2	351300 443300
17	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: River Calder, Down Stream Of Lancaster Canal Authority: Environment Agency, North West Region Pollutant: Algae Note: Not Supplied Incident Date: 19th April 1998 Incident Reference: CE980447 Catchment Area: Wyre Receiving Water: Freshwater Stream/River Cause of Incident: Natural Causes Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A18NE (N)	904	2	350700 443600
18	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Rubble/Litter Or Solids Note: River Calder; Ballast Incident Date: 10th April 1995 Incident Reference: 95310053 Catchment Area: Wyre Receiving Water: Not Given Cause of Incident: Miscellaneous/Other Pollution Type Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A18NE (N)	932	2	350900 443600
19	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Algae Note: Claughton Lake; Blue Green Algae Incident Date: 4th August 1992 Incident Reference: 92310131 Catchment Area: Wyre Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A19SE (NE)	948	2	351400 443300
20	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Lancashire Authority: Environment Agency, North West Region Pollutant: Not Given Note: River Calder; None Pollution Found Incident Date: 20th July 1993 Incident Reference: 93310093 Catchment Area: Calder - Lancs Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A17SW (NW)	962	2	349900 443295

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	Pollution Incidents to Controlled Waters Property Type: Farm Drainage Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Agricultural: Yard Run Off (Dirty Water) Note: Tributary River Calder Wyre Incident Date: 3rd February 1993 Incident Reference: 93310009 Catchment Area: Wyre Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A17SW (NW)	965	2	349900 443300
21	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Lancashire Authority: Environment Agency, North West Region Pollutant: Unknown Note: Diesel Spill; Road Traffic Accident Incident Date: 7th March 1996 Incident Reference: 96310035 Catchment Area: Calder - Lancs Receiving Water: Not Given Cause of Incident: Road Traffic Accident Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19NW (NE)	963	2	351200 443500
	River Quality Name: Lancaster Canal-Preston GQA Grade: River Quality E Reach: Swillbrook To Catterhall Estimated Distance (km): 11.9 Flow Rate: Flow greater than 80 cumecs Flow Type: Canal Year: 2000	A13NE (E)	224	2	350895 442740
	River Quality Name: Calder GQA Grade: River Quality B Reach: Qsl Oakencrough Weir To Wyre Estimated Distance (km): 8.9 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A18SW (N)	605	2	350571 443294
	River Quality Name: Lancaster Canal-Preston GQA Grade: River Quality D Reach: Catterhall To Conf Nr Galgate Estimated Distance (km): 15.5 Flow Rate: Flow greater than 80 cumecs Flow Type: Canal Year: 2000	A18NE (N)	805	2	350667 443502

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	<p>River Quality Chemistry Sampling Points</p> <p>Name: Calder Reach: Qsl Oakenclough Weir To Wyre Estimated Distance: 8.90 Objective: Not Supplied Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1994 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1995 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1996 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1997 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1998 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1999 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2000 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2001 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2002 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2003 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2004 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2005 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2006 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2007 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2008 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2009 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied</p>	A17SW (NW)	908	2	349949 443269
23	<p>Substantiated Pollution Incident Register</p> <p>Authority: Environment Agency - North West Region, North Area Incident Date: 19th March 2002 Incident Reference: 65070 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Oils - Diesel (Including Agricultural)</p>	A7NE (SW)	630	2	350243 442189
24	<p>Substantiated Pollution Incident Register</p> <p>Authority: Environment Agency - North West Region, North Area Incident Date: 10th July 2003 Incident Reference: 172398 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Agricultural: Silage Liquor</p>	A18SW (N)	634	2	350420 443280

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	Substantiated Pollution Incident Register Authority: Environment Agency - North West Region, North Area Incident Date: 14th August 2002 Incident Reference: 100163 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Agricultural Materials And Wastes: Slurry And Dilute Slurry	A8SE (S)	773	2	350952 441952
26	Water Abstractions Operator: North West Water Ltd Licence Number: 2672406022 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, North West Region Abstraction: Public Water Supply Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 8000 Yearly Rate (m3): 0 Details: Boreholes (4) Near Caterall & Myerscough-Nos R1-4 Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	252	2	350900 442800
26	Water Abstractions Operator: United Utilities Water Ltd Licence Number: 2672406022 Permit Version: 100 Location: 2 Boreholes Nr Caterall & Myerscough Nos R1 & R2 Authority: Environment Agency, North West Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Additional Purpose: Licence Status: Cancelled Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 5th October 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	259	2	350905 442805
27	Water Abstractions Operator: United Utilities Water Ltd Licence Number: 2672408021 Permit Version: 100 Location: Id=11010 Authority: Environment Agency, North West Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Additional Purpose: Licence Status: Cancelled Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 29th July 1991 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	304	2	350900 442895
27	Water Abstractions Operator: United Utilities Water Ltd Licence Number: 2672408021 Permit Version: 100 Location: Id=8897 Authority: Environment Agency, North West Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: 4 Boreholes (Part Of Franklaw B Group)-Nos P1 & 2 Q1 & 2 Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 29th July 1991 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	307	2	350900 442900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
27	<p>Water Abstractions</p> <p>Operator: United Utilities Water Ltd Licence Number: 2672408021 Permit Version: 100 Location: Boreholes X 2 Part Of Franklaw B Group Q1 And 2 Authority: Environment Agency, North West Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: 4 Boreholes (Part Of Franklaw B Group)-Nos P1 & 2 Q1& 2 Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 29th July 1991 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A13NE (NE)	307	2	350900 442900
28	<p>Water Abstractions</p> <p>Operator: United Utilities Water Ltd Licence Number: 2672406022 Permit Version: 100 Location: Boreholes X 2 Near Caterall And Myerscough Number R3 And R4 Authority: Environment Agency, North West Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Additional Purpose: Licence Status: Cancelled Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 5th October 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A14NW (E)	437	2	351100 442795
28	<p>Water Abstractions</p> <p>Operator: North West Water Ltd Licence Number: 2672406022 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, North West Region Abstraction: Public Water Supply Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Boreholes (4) Near Caterall & Myerscough-Nos R1-4 Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A14NW (E)	438	2	351100 442800
29	<p>Water Abstractions</p> <p>Operator: United Utilities Water Ltd Licence Number: 2672408021 Permit Version: 100 Location: Id=11081 Authority: Environment Agency, North West Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 29th July 1991 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A7NE (SW)	668	2	350300 442100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	<p>Water Abstractions</p> <p>Operator: United Utilities Water Ltd Licence Number: 2672408021 Permit Version: 100 Location: Boreholes X 2 Part Of Franklaw B Group Numbers P1 And 2 Authority: Environment Agency, North West Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 14000 Yearly Rate (m3): 0 Details: 4 Boreholes (Part Of Franklaw B Group)-Nos P1 & 2 Q1 & 2 Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 29th July 1991 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A7NE (SW)	668	2	350300 442100
	<p>Water Abstractions</p> <p>Operator: British Waterways Licence Number: 2672406021 Permit Version: 100 Location: Lancaster Canal At Garstang Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 87 Yearly Rate (m3): 6819 Details: Clyde Paper Co Ltd, Ray Lane, Garstang Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 12th August 1981 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A23SE (N)	1012	2	350800 443700
	<p>Water Abstractions</p> <p>Operator: United Utilities Water Ltd Licence Number: 2672408020 Permit Version: 100 Location: Boreholes X 2 Part Of Franklaw A Group Numbers M3 And M4 Authority: Environment Agency, North West Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: 8 Boreholes (Part Of Franklaw A Group)-Nos L3 & 4 M1-6 Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 5th October 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A11SE (W)	1278	2	349400 442400
	<p>Water Abstractions</p> <p>Operator: United Utilities Water Ltd Licence Number: 2672408021 Permit Version: 100 Location: Id=11054 Authority: Environment Agency, North West Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: 4 Boreholes (Part Of Franklaw B Group)-Nos P1 & 2 Q1 & 2 Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 29th July 1991 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A3NE (S)	1294	2	350900 441395

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: N W W A Northern Div Licence Number: 2672408016 Permit Version: Not Supplied Location: L C U S, Catterall Boreholes M1 & M3 Authority: Environment Agency, North West Region Abstraction: Public Water Supply Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Licence Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A6NE (W)	1300	2	349405 442295
	<p>Water Abstractions</p> <p>Operator: United Utilities Water Ltd Licence Number: 2672408020 Permit Version: 100 Location: Borehole Part Of Franklaw A Group Number M6 Authority: Environment Agency, North West Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: 8 Boreholes(Part Of Franklaw A Grp)-Nos L3 & 4 Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 5th October 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A6NE (W)	1337	2	349400 442200
	<p>Water Abstractions</p> <p>Operator: N W W A Northern Div Licence Number: 2672408016 Permit Version: Not Supplied Location: L C U S, Catterall Boreholes M1 & M4 Authority: Environment Agency, North West Region Abstraction: Public Water Supply Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 11000 Yearly Rate (m3): 0 Details: Licence Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A11SW (W)	1371	2	349305 442395
	<p>Water Abstractions</p> <p>Operator: United Utilities Water Ltd Licence Number: 2672408020 Permit Version: 100 Location: Boreholes X 8 Part Of Franklaw A Group Number L3 L4 M1 To 6 Authority: Environment Agency, North West Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: 8 Boreholes (Part Of Franklaw A Group)-Nos L3 & 4 M1-6 Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 5th October 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A11SW (W)	1375	2	349300 442400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: United Utilities Water Ltd Licence Number: 2672408020 Permit Version: 100 Location: Boreholes X 2 Part Of Franklaw A Group Numbers M1 And M2 Authority: Environment Agency, North West Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: 8 Boreholes (Part Of Franklaw A Group)-Nos L3 & 4 M1-6 Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 5th October 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A11SW (W)	1375	2	349300 442400
	<p>Water Abstractions</p> <p>Operator: United Utilities Water Ltd Licence Number: 2672408020 Permit Version: 100 Location: Boreholes X 8 Part Of Franklaw A Group Numbers L3 L4 M1 To 6 Authority: Environment Agency, North West Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: 8 Boreholes(Part Of Franklaw A Grp)-Nos L3 & 4 Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 5th October 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A11SW (W)	1375	2	349300 442400
	<p>Water Abstractions</p> <p>Operator: Mr M J Fitzherbert Brockholes Licence Number: 2672406005 Permit Version: 100 Location: Spring At Claughton, Garstang Authority: Environment Agency, North West Region Abstraction: Household Water Supply: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 2 Yearly Rate (m3): 581 Details: Gable, Carter And West Lodge, Garstang Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 18th March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A10SW (SE)	1423	2	351800 441800
	<p>Water Abstractions</p> <p>Operator: United Utilities Water Ltd Licence Number: 2672408020 Permit Version: 100 Location: Borehole Part Of Franklaw A Group Number M5 Authority: Environment Agency, North West Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 39000 Yearly Rate (m3): 0 Details: 8 Boreholes (Part Of Franklaw A Group)-Nos L3 & 4 M1-6 Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 5th October 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A6NW (W)	1430	2	349300 442200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Mr S Myerscough Licence Number: 2672406029 Permit Version: 100 Location: Spring At Sandholme Mill Farm, Barnacre Authority: Environment Agency, North West Region Abstraction: Household Water Supply: Drinking; Cooking; Sanitary; Washing; (Small Garden)</p> <p>Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 1 Yearly Rate (m3): 365 Details: Brooks Cottage, Barnacre Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 22nd February 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A24SE (NE)	1432	2	351595 443790
	<p>Water Abstractions</p> <p>Operator: L Goodwin Licence Number: 2672405038 Permit Version: 100 Location: Spring At Sandholme Mill Farm, Barnacre Authority: Environment Agency, North West Region Abstraction: Household Water Supply: Drinking; Cooking; Sanitary; Washing; (Small Garden)</p> <p>Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 1 Yearly Rate (m3): 219 Details: 7 Kenlis Road, Barnacre Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 3rd March 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A24SE (NE)	1436	2	351595 443790
	<p>Water Abstractions</p> <p>Operator: R H Fletcher Licence Number: 2672406035 Permit Version: 100 Location: Spring At Sandholme Mill Farm, Barnacre Authority: Environment Agency, North West Region Abstraction: Household Water Supply: Drinking; Cooking; Sanitary; Washing; (Small Garden)</p> <p>Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 1 Yearly Rate (m3): 219 Details: 4 Kenlis Road, Barnacre Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 22nd February 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A24SE (NE)	1436	2	351600 443790
	<p>Water Abstractions</p> <p>Operator: R T Kellett & Sons Licence Number: 2672406028 Permit Version: 100 Location: Spring At Sandholme Mill Farm, Barnacre Authority: Environment Agency, North West Region Abstraction: General Agriculture; General Use (Medium Loss)</p> <p>Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 2 Yearly Rate (m3): 548 Details: Turners Farm, Barnacre Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 3rd March 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A24SE (NE)	1439	2	351600 443795

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: W J Fawcett Licence Number: 2672406036 Permit Version: 100 Location: Spring At Sandholme Mill Farm, Barnacre Authority: Environment Agency, North West Region Abstraction: Household Water Supply: Drinking; Cooking; Sanitary; Washing; (Small Garden)</p> <p>Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 1 Yearly Rate (m3): 219 Details: 5 Kenlis Road, Barnacre Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 22nd February 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A24SE (NE)	1439	2	351605 443790
	<p>Water Abstractions</p> <p>Operator: E Baines Licence Number: 2672406033 Permit Version: 100 Location: Spring At Sandholme Mill Farm, Barnacre Authority: Environment Agency, North West Region Abstraction: Household Water Supply: Drinking; Cooking; Sanitary; Washing; (Small Garden)</p> <p>Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 1 Yearly Rate (m3): 219 Details: 2 Kenlis Road, Barnacre Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 22nd February 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A24SE (NE)	1440	2	351595 443800
	<p>Water Abstractions</p> <p>Operator: F & A Wrathall Licence Number: 2672406030 Permit Version: 100 Location: Spring At Sandholme Mill Farm, Barnacre Authority: Environment Agency, North West Region Abstraction: Household Water Supply: Drinking; Cooking; Sanitary; Washing; (Small Garden)</p> <p>Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 1 Yearly Rate (m3): 365 Details: Lees Farm/Pinot Cottage, Barnacre Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 3rd March 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A24SE (NE)	1442	2	351610 443790
	<p>Water Abstractions</p> <p>Operator: Gilbert Harris Licence Number: 2672406004 Permit Version: Not Supplied Location: Borehole, Garstang, PRESTON, Lancashire Authority: Environment Agency, North West Region Abstraction: Industrial Cooling (Miscellaneous)</p> <p>Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 182 Yearly Rate (m3): 36368 Details: Additional Purpose: Cooling; Licence Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A24NW (N)	1442	2	351000 444100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Mr P Mallon Licence Number: 2672406034 Permit Version: 101 Location: Spring At Sandholme Mill Farm, Barnacre Authority: Environment Agency, North West Region Abstraction: Household Water Supply: Drinking; Cooking; Sanitary; Washing; (Small Garden)</p> <p>Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: 3 Kenlis Road, Barnacre Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 12th February 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A24SE (NE)	1443	2	351600 443800
	<p>Water Abstractions</p> <p>Operator: Mr & Mrs A & D Dewhurst Licence Number: 2672406027 Permit Version: 101 Location: Spring At Sandholme Mill Farm, Barnacre Authority: Environment Agency, North West Region Abstraction: Household Water Supply: Drinking; Cooking; Sanitary; Washing; (Small Garden)</p> <p>Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Woodlands, Ray Lane, Barnacre Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 22nd September 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A24SE (NE)	1443	2	351600 443800
	<p>Water Abstractions</p> <p>Operator: R E & S T Leach & Son Licence Number: 2672406030 Permit Version: 101 Location: Spring At Sandholme Mill Farm, Barnacre 2 Authority: Environment Agency, North West Region Abstraction: General Agriculture; General Use (Medium Loss)</p> <p>Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Lees Farm/Pinot Cottage, Barnacre Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 4th March 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A24SE (NE)	1443	2	351600 443800
	<p>Water Abstractions</p> <p>Operator: R E & S T Leach & Son Licence Number: 2672406030 Permit Version: 101 Location: Spring At Sandholme Mill Farm, Barnacre Authority: Environment Agency, North West Region Abstraction: Household Water Supply: Drinking; Cooking; Sanitary; Washing; (Small Garden)</p> <p>Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Lees Farm/Pinot Cottage, Barnacre Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 4th March 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A24SE (NE)	1443	2	351600 443800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: F & A Wrathall Licence Number: 2672406030 Permit Version: 100 Location: Spring At Sandholme Mill Farm, Barnacre 13319 Authority: Environment Agency, North West Region Abstraction: General Agriculture; General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Lees Farm/Pinot Cottage, Barnacre Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 3rd March 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A24SE (NE)	1443	2	351600 443800
	<p>Water Abstractions</p> <p>Operator: Kenlis Arms Licence Number: 2672406031 Permit Version: 100 Location: Spring At Sandholme Mill Farm, Barnacre Authority: Environment Agency, North West Region Abstraction: Hotels; Public Houses And Conference Centres: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 2 Yearly Rate (m3): 730 Details: Kenlis Arms, Ray Lane, Barnacre Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 3rd March 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A24SE (NE)	1443	2	351605 443795
	<p>Water Abstractions</p> <p>Operator: R & M Shepherd Licence Number: 2672406016 Permit Version: 100 Location: Spring At Sandholme Mill Farm, Barnacre Authority: Environment Agency, North West Region Abstraction: General Agriculture; General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 2 Yearly Rate (m3): 730 Details: Sandholme Mill Farm, Barnacre Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 22nd February 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A24SE (NE)	1443	2	351600 443800
	<p>Water Abstractions</p> <p>Operator: G & A Heap Licence Number: 2672406032 Permit Version: 100 Location: Spring At Sandholme Mill Farm, Barnacre Authority: Environment Agency, North West Region Abstraction: Household Water Supply: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 1 Yearly Rate (m3): 219 Details: 1 Kenlis Road, Barnacre Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 3rd March 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A24SE (NE)	1444	2	351595 443805

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: E Douglas Licence Number: 2672406034 Permit Version: 100 Location: Spring At Sandholme Mill Farm, Barnacre Authority: Environment Agency, North West Region Abstraction: Household Water Supply: Drinking; Cooking; Sanitary; Washing; (Small Garden)</p> <p>Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 1 Yearly Rate (m3): 219 Details: 3 Kenlis Road, Barnacre Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 22nd February 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A24SE (NE)	1447	2	351600 443805
	<p>Water Abstractions</p> <p>Operator: E A Jones Licence Number: 2672406037 Permit Version: 100 Location: Spring At Sandholme Mill Farm, Barnacre Authority: Environment Agency, North West Region Abstraction: Household Water Supply: Drinking; Cooking; Sanitary; Washing; (Small Garden)</p> <p>Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 1 Yearly Rate (m3): 219 Details: 6 Kenlis Road, Barnacre Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 22nd February 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A24SE (NE)	1447	2	351605 443800
	<p>Water Abstractions</p> <p>Operator: E & A Robinson Licence Number: 2672406027 Permit Version: 100 Location: Spring At Sandholme Mill Farm, Barnacre Authority: Environment Agency, North West Region Abstraction: Household Water Supply: Drinking; Cooking; Sanitary; Washing; (Small Garden)</p> <p>Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 1 Yearly Rate (m3): 365 Details: Woodlands, Ray Lane, Barnacre Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 22nd February 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A24SE (NE)	1450	2	351605 443805
	<p>Water Abstractions</p> <p>Operator: Caludon Investments Ltd Licence Number: 2672406002 Permit Version: 100 Location: Burdock Spring At Sandholme Lane, Garstang Authority: Environment Agency, North West Region Abstraction: Commercial/Industrial/Public Services: Drinking; Cooking; Sanitary; Washing; (Small Garden)</p> <p>Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 5 Yearly Rate (m3): 1991 Details: Garstang Creamery, Preston Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 4th February 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A25SW (NE)	1510	2	351700 443800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Ecollinson & Company Ltd Licence Number: 2672407005 Permit Version: 100 Location: R Wyre At Catterall, Garstang Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 11 Yearly Rate (m3): 1637 Details: Premises At Riverside Industrial Park. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 15th May 1992 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A11NW (W)	1675	2	349000 443000
	<p>Water Abstractions</p> <p>Operator: United Utilities Water Ltd Licence Number: 2672408020 Permit Version: 100 Location: Boreholes X 2 Part Of Franklaw A Group Numbers L3 And 4 Authority: Environment Agency, North West Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: 8 Boreholes (Part Of Franklaw A Group)-Nos L3 & 4 M1-6 Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 5th October 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A2SW (SW)	1743	2	349900 441095
	<p>Water Abstractions</p> <p>Operator: United Utilities Water Ltd Licence Number: 2672408015 Permit Version: 100 Location: Boreholes X 2 Part Of Franklaw A Group Numbers L1 And L2 Authority: Environment Agency, North West Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: 2 Boreholes (Part Of Franklaw A Group)-Nos L1 & L2 Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 24th May 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A2SW (SW)	1784	2	349800 441100
	<p>Water Abstractions</p> <p>Operator: United Utilities Water Ltd Licence Number: 2672408015 Permit Version: 100 Location: Id=10683 Authority: Environment Agency, North West Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 34000 Yearly Rate (m3): 0 Details: 2 Boreholes (Part Of Franklaw A Group)-Nos L1 & L2 Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 24th May 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A2SW (SW)	1789	2	349800 441095

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Caludon Investments Ltd Licence Number: 2672406009 Permit Version: 100 Location: Spring N W Of Stirzaker House Farm, Barnacre Authority: Environment Agency, North West Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 6 Yearly Rate (m3): 2330 Details: Lees Farm, Barnacre, Garstang Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 18th March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A25NW (NE)	1902	2	351700 444295
	Water Abstractions Operator: C & V Gravner Licence Number: 2672406026 Permit Version: 101 Location: Spring To Nw Of Stirzaker Farm, Barnacre Authority: Environment Agency, North West Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 6 Yearly Rate (m3): 1815 Details: Turners Farm, Barnacre Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 23rd August 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A25NW (NE)	1904	2	351705 444295
	Water Abstractions Operator: William Hall Licence Number: 2672406007 Permit Version: 100 Location: Spring To Nw Of Stirzaker House Farm, Barnacre Authority: Environment Agency, North West Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 6 Yearly Rate (m3): 1815 Details: Bailtons Farm, Barnacre, Garstang Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 22nd February 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A25NW (NE)	1906	2	351700 444300
	Groundwater Vulnerability Soil Classification: Soils of Intermediate Leaching Potential (I1) - Soils which can possibly transmit a wide range of pollutants Map Sheet: Sheet 10 Central Lancashire Scale: 1:100,000	A13NW (W)	0	2	350662 442681
	Drift Deposits Drift Deposit: Low permeability drift deposits occurring at the surface and overlying Major and Minor Aquifers are head, clay-with-flints, brickearth, peat, river terrace deposits and marine and estuarine alluvium Map Sheet: Sheet 10 Central Lancashire Scale: 1:100,000	A13NW (W)	0	2	350662 442681
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A13NW (W)	0	1	350662 442681
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13NW (W)	0	1	350662 442681
30	Source Protection Zones Name: Various Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	A13NW (W)	0	2	350662 442681

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	Source Protection Zones Name: Franklaw A-R Source: Environment Agency, Head Office Reference: Nw053 Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	A13NE (E)	138	2	350805 442734
32	Source Protection Zones Name: Franklaw A-R Source: Environment Agency, Head Office Reference: Nw053 Type: Zone I (Inner Protection Zone): Travel time of 50 days or less to the groundwater source.	A13NE (NE)	218	2	350872 442778
33	Source Protection Zones Name: Franklaw B-P Source: Environment Agency, Head Office Reference: Nw058 Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	A8NW (SW)	438	2	350412 442302
34	Source Protection Zones Name: Franklaw A-R Source: Environment Agency, Head Office Reference: Nw053 Type: Groundwater Source	A14NW (E)	442	2	351090 442840
35	Source Protection Zones Name: Franklaw B-P Source: Environment Agency, Head Office Reference: Nw058 Type: Zone I (Inner Protection Zone): Travel time of 50 days or less to the groundwater source.	A8NW (SW)	564	2	350362 442184
36	Source Protection Zones Name: Franklaw B-P Source: Environment Agency, Head Office Reference: Nw058 Type: Groundwater Source	A7NE (SW)	687	2	350280 442090
37	Source Protection Zones Name: Franklaw A-M Source: Environment Agency, Head Office Reference: Nw052 Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	A12SW (W)	845	2	349836 442445
38	Source Protection Zones Name: Franklaw A-M Source: Environment Agency, Head Office Reference: Nw052 Type: Zone I (Inner Protection Zone): Travel time of 50 days or less to the groundwater source.	A12SW (W)	999	2	349691 442392
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (W)	0	2	350655 442680
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	5	2	350650 442665
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 94.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A13SW (SW)	9	4	350646 442662

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 53.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A13NW (NW)	27	4	350642 442716
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A13NW (N)	30	4	350653 442722
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 279.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A13NE (N)	32	4	350663 442728
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 531.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A13SE (S)	36	4	350676 442636
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 505.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A13NW (W)	41	4	350605 442698
45	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 907.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Lancaster Canal Catchment Name: Wyre Primacy: 1	A13NE (E)	225	4	350904 442685
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A13NE (NE)	246	4	350897 442793
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 30.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A13NE (NE)	251	4	350900 442796
48	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 361.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A13SE (E)	269	4	350928 442574

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 45.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A13NE (NE)	281	4	350925 442813
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 36.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A13NE (NE)	325	4	350961 442840
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A18SW (N)	345	4	350599 443035
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 284.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A18SW (N)	345	4	350599 443035
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 54.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A13NE (NE)	361	4	350994 442854
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 353.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A18SW (NW)	381	4	350486 443033
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A14NW (NE)	409	4	351013 442919
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 31.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A14NW (NE)	411	4	351030 442893
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 90.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A14NW (NE)	415	4	351046 442872

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A14NW (NE)	415	4	351033 442897
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A14NW (NE)	445	4	351061 442908
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A14NW (NE)	445	4	351061 442908
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 75.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A14NW (E)	477	4	351126 442845
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 286.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A12NE (NW)	489	4	350252 442977
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 115.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A8NE (SE)	501	4	350999 442291
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A18SE (N)	502	4	350821 443176
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 26.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A18SE (N)	524	4	350813 443201
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A14NW (E)	535	4	351196 442817

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 23.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A14NW (E)	538	4	351199 442815
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 411.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A14NW (E)	538	4	351199 442815
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 82.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A18SE (N)	544	4	350836 443215
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.1 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A14NW (E)	557	4	351221 442806
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 130.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A18SE (NE)	560	4	350906 443205
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 320.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A14NW (E)	560	4	351225 442804
73	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 1112.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Lancaster Canal Catchment Name: Wyre Primacy: 1	A9NW (SE)	566	4	351023 442227
74	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 15.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A9NW (SE)	566	4	351023 442227
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 120.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A8NW (SW)	610	4	350382 442120

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 71.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A18SE (N)	615	4	350699 443311
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 76.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A9NW (SE)	617	4	351073 442202
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 329.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Calder Catchment Name: Wyre Primacy: 1	A17SE (NW)	627	4	350219 443146
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 196.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A19SW (NE)	628	4	351026 443213
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 203.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A19SW (NE)	628	4	351026 443213
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 462.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Calder Catchment Name: Wyre Primacy: 1	A18SW (NW)	628	4	350336 443233
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 281.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Old Mill Stream Catchment Name: Wyre Primacy: 1	A17SE (NW)	630	4	350245 443174
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Calder Catchment Name: Wyre Primacy: 1	A18NW (N)	666	4	350652 443363
84	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 221.6 Watercourse Level: Underground Permanent: True Watercourse Name: River Calder Catchment Name: Wyre Primacy: 1	A18NE (N)	679	4	350676 443375

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 52.9 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A9NW (SE)	687	4	351107 442139
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 142.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A7NE (SW)	698	4	350266 442086
87	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 202.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A18NE (N)	699	4	350676 443396
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 233.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Old Mill Stream Catchment Name: Wyre Primacy: 1	A18NW (N)	712	4	350434 443368
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 114.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A9NW (SE)	737	4	351153 442113
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 150.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A17SE (NW)	759	4	350274 443349
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 183.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A18NE (N)	760	4	350683 443457
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 658.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A14SE (E)	761	4	351440 442639
93	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 171.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A17SE (NW)	764	4	350016 443120

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
94	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.9 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A14NE (E)	787	4	351459 442785
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1093.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A7NE (SW)	800	4	350126 442066
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 467.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A14NE (E)	800	4	351472 442785
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 26.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A9NW (SE)	817	4	351291 442135
98	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 13.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A9NW (SE)	821	4	351306 442146
99	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 80.9 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A9NW (SE)	823	4	351291 442127
100	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 49.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A18NE (N)	825	4	350775 443515
101	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Calder Catchment Name: Wyre Primacy: 1	A18NE (N)	827	4	350852 443503
102	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A18NE (N)	837	4	350831 443518

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
103	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A18NE (N)	838	4	350843 443517
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Calder Catchment Name: Wyre Primacy: 1	A18NE (N)	839	4	350859 443514
105	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 160.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A17SE (NW)	840	4	350124 443345
106	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 177.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 2	A18NE (N)	844	4	350864 443519
107	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 122.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Calder Catchment Name: Wyre Primacy: 1	A18NE (N)	844	4	350864 443519
108	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A9NW (SE)	847	4	351234 442037
109	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 130.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A9NW (SE)	847	4	351234 442037
110	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 30.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A7SE (SW)	856	4	350194 441944
111	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 161.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A19SE (NE)	861	4	351354 443220

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
112	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 1.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A19SE (NE)	861	4	351353 443220
113	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 155.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A19SE (NE)	861	4	351354 443220
114	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 89.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Calder Catchment Name: Wyre Primacy: 1	A17SE (NW)	862	4	349994 443251
115	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 53.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A9NW (SE)	862	4	351269 442049
116	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 38.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A9NW (SE)	889	4	351321 442061
117	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 807.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Lancaster Canal Catchment Name: Wyre Primacy: 1	A18NE (N)	890	4	350702 443587
118	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 11.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A9NE (SE)	913	4	351358 442065
119	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 61.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A17SW (NW)	916	4	349918 443243
120	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 480.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A8SW (S)	918	4	350483 441764

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
121	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 810.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Little Calder River Catchment Name: Wyre Primacy: 1	A18NW (N)	922	4	350430 443587
122	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.9 Watercourse Level: Not Supplied Permanent: True Watercourse Name: River Calder Catchment Name: Wyre Primacy: 1	A18NE (N)	930	4	350971 443577
123	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1255.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Calder Catchment Name: Wyre Primacy: 1	A18NE (N)	932	4	350972 443578
124	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 29.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Calder Catchment Name: Wyre Primacy: 1	A17SW (NW)	950	4	349923 443304
125	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 36.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A19SE (NE)	973	4	351507 443192
126	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 41.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A9SW (SE)	975	4	351309 441933
127	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 166.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Calder Catchment Name: Wyre Primacy: 1	A17SW (NW)	977	4	349896 443315
128	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 208.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A17SW (NW)	977	4	349896 443315
129	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 314.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wyre Primacy: 1	A19SE (NE)	994	4	351515 443219

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
130	Licensed Waste Management Facilities (Locations) Licence Number: 402037 Location: Claughton Industrial Estate, Brockholes Way, Claughton, Catterall, Lancashire, PR3 0PZ Operator Name: Lancashire County Council Operator Location: Not Supplied Authority: Environment Agency - North West Region, North Area Site Category: Non-hazardous & hazardous HWA Site Licence Status: Issued Issued: 30th December 2014 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8NW (SW)	595	2	350353 442153
131	Licensed Waste Management Facilities (Locations) Licence Number: 54123 Location: Land / Premises At, Claughton Trading Estate, Claughton On Brook, Preston, Lancashire, PR3 0PH Operator Name: Sita (Lancashire) Ltd Operator Location: Not Supplied Authority: Environment Agency - North West Region, North Area Site Category: Household Waste Amenity Sites Licence Status: Surrendered Issued: 14th May 1993 Last Modified: 2nd December 2002 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 12th June 2012 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	668	2	350300 442100
	Local Authority Landfill Coverage Name: Wyre Borough Council - Has no landfill data to supply		0	3	350662 442681
	Local Authority Landfill Coverage Name: Lancashire County Council - Had landfill data but passed it to the relevant environment agency		0	5	350662 442681
132	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A12SW (W)	703	-	349980 442459
133	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A18NE (N)	713	-	350795 443398
134	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1895	A18NE (N)	790	-	350744 443483
135	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A12SW (W)	881	-	349777 442540
136	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A12SW (W)	917	-	349735 442577
137	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A9SW (SE)	930	-	351172 441888
138	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1895	A12NW (W)	983	-	349694 442935

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
139	<p>Registered Waste Transfer Sites</p> <p>Licence Holder: Sita (Lancashire) Ltd Licence Reference: L 501 Site Location: Garstang H.W.D.C, Claughton Trading Estate, Claughton On Brook, Preston, Lancashire, Pr3 0ph Operator Location: Tustin Court, Portway, Preston, Lancashire, Pr2 2yq Authority: Environment Agency - North West Region, Central Area Site Category: Civic Amenity Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 14th May 1993 Preceded By: SR 43 Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Car Batteries Gen.Household/Com/Ind.Waste Household Chemicals Mineral Oils Prohibited Waste: Clinical Wastes</p>	A8NW (SW)	599	2	350350 442150
139	<p>Registered Waste Transfer Sites</p> <p>Licence Holder: Lancashire Waste Services Licence Reference: SR 43 Site Location: Claughton Industrial Estate. H.W.S, Garstang, Preston, Lancashire Operator Location: PO Box 9, Guildhouse, Cross Street, PRESTON, Lancashire, PR1 8RD Authority: Environment Agency - North West Region, Central Area Site Category: Civic Amenity Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Licence Status: Record supersededSuperseded Dated: 1st August 1990 Preceded By: Not Given Licence: Superseded By: L 501 Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Garden Waste General Household + Commercial Waste Waste Mineral Oil From Householders Waste Solvent From Householders Prohibited Waste: Animal Wastes Clinical Wastes Special Wastes</p>	A8NW (SW)	599	2	350350 442150

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Triassic Rocks (Undifferentiated)	A13NW (W)	0	1	350662 442681
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: <15 mg/kg	A13NW (W)	0	1	350662 442681
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (N)	66	1	350683 442761
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: <15 mg/kg	A18SW (NW)	477	1	350373 443078
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: <15 mg/kg	A7NE (SW)	715	1	350317 442036
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: <15 mg/kg	A19SW (NE)	729	1	351091 443291
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: <15 mg/kg	A9NE (SE)	819	1	351426 442339

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel <15 mg/kg Concentration:	A14NE (E)	832	1	351500 442813
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel <15 mg/kg Concentration:	A14SE (E)	871	1	351522 442454
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel <15 mg/kg Concentration:	A7NE (SW)	877	1	350000 442084
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	350662 442681
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	66	1	350683 442761
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	350662 442681
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	66	1	350683 442761
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	350662 442681
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	350662 442681
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	350662 442681
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	66	1	350683 442761

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Potential for Shrinking or Swelling Clay Ground Stability Hazards</p> <p>Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service</p>	A13NW (W)	0	1	350662 442681
	<p>Radon Potential - Radon Affected Areas</p> <p>Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service</p>	A13NW (W)	0	1	350662 442681
	<p>Radon Potential - Radon Protection Measures</p> <p>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service</p>	A13NW (W)	0	1	350662 442681

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
140	<p>Contemporary Trade Directory Entries</p> <p>Name: John Carr Location: Unit 2, Stubbins Lane, Claughton-on-Brock, Preston, Lancashire, PR3 0QH Classification: Motor Cycle Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A12SE (W)	452	-	350227 442514
141	<p>Contemporary Trade Directory Entries</p> <p>Name: D C L Transport Services Location: Stubbins Lane, Claughton-on-Brock, Preston, PR3 0QH Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address</p>	A12SE (SW)	482	-	350205 442491
141	<p>Contemporary Trade Directory Entries</p> <p>Name: J M Autobodies Location: Unit 4 Rear of Brockholes Arms, Stubbins Lane, Claughton-on-Brock, PR3 0QH Classification: Car Body Repairs Status: Active Positional Accuracy: Automatically positioned to the address</p>	A12SE (SW)	484	-	350212 442471
141	<p>Contemporary Trade Directory Entries</p> <p>Name: K L T Dairies Ltd Location: Unit 5, Stubbins Lane, Claughton-on-Brock, Preston, PR3 0QH Classification: Dairies Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A12SE (SW)	491	-	350210 442459
142	<p>Contemporary Trade Directory Entries</p> <p>Name: A K Carpets Automotive Ltd Location: Claughton Industrial Estate, Brockholes Way, Claughton-on-Brock, Preston, PR3 0PZ Classification: Car Component Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A8NW (SW)	495	-	350375 442258
142	<p>Contemporary Trade Directory Entries</p> <p>Name: A K Carpets Automotive Ltd Location: Unit 4, Robinson Court, Claughton Industrial Estate, Brockholes Way, Claughton-on-Brock, Preston, PR3 0PZ Classification: Car Component Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NW (SW)	495	-	350375 442258
142	<p>Contemporary Trade Directory Entries</p> <p>Name: Claughton Service Centre Location: Claughton Industrial Estate, Brockholes Way, Claughton-on-Brock, Preston, PR3 0PZ Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address</p>	A8NW (SW)	495	-	350375 442258
143	<p>Contemporary Trade Directory Entries</p> <p>Name: Wyre Communications Ltd Location: Unit 4, Claughton Ind Est, Brockholes Way, Claughton-On-Brock, Preston, Lancashire, PR3 0PZ Classification: Telecommunications Equipment & Systems Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location</p>	A7NE (SW)	524	-	350304 442277
144	<p>Contemporary Trade Directory Entries</p> <p>Name: F Bode & Sons Location: 1, Street Cottages, Stubbins Lane, Claughton-on-Brock, Preston, PR3 0QH Classification: Plant & Machinery Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A12SE (W)	528	-	350150 442505
145	<p>Contemporary Trade Directory Entries</p> <p>Name: Shepherds Dairy Ltd Location: Catterall, PR3 0HD Classification: Dairies Status: Active Positional Accuracy: Automatically positioned to the address</p>	A12NE (W)	544	-	350110 442784
146	<p>Contemporary Trade Directory Entries</p> <p>Name: Helios Horseboxes Location: Unit 1, Claughton Industrial Estate, Brockholes Way, Claughton-on-Brock, Preston, PR3 0PZ Classification: Horse Boxes & Transporting Status: Inactive Positional Accuracy: Manually positioned within the geographical locality</p>	A8NW (SW)	544	-	350353 442213

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
147	<p>Contemporary Trade Directory Entries</p> <p>Name: Clarke & Pulman Location: The Barn, 119, Garstang Road, Claughton-on-Brock, Preston, PR3 0PH Classification: Agricultural Merchants Status: Active Positional Accuracy: Automatically positioned to the address</p>	A7NE (SW)	562	-	350195 442343
147	<p>Contemporary Trade Directory Entries</p> <p>Name: Garstang Tyre Services Location: 119, Garstang Road, Claughton-on-Brock, Preston, PR3 0PH Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A7NE (SW)	562	-	350195 442343
147	<p>Contemporary Trade Directory Entries</p> <p>Name: Whittinghams Location: 119, Garstang Road, Claughton-on-Brock, Preston, PR3 0PH Classification: Agricultural Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A7NE (SW)	562	-	350195 442343
147	<p>Contemporary Trade Directory Entries</p> <p>Name: Sita Uk Location: Garstang Rd, Claughton-on-Brock, Preston, Lancashire, PR3 0PH Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location</p>	A7NE (SW)	596	-	350158 442337
148	<p>Contemporary Trade Directory Entries</p> <p>Name: Primex Agricultural Engineers Location: Claughton Industrial Estate, Brockholes Way, Claughton-on-Brock, Preston, PR3 0PZ Classification: Agricultural Engineers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A7NE (SW)	585	-	350268 442228
149	<p>Contemporary Trade Directory Entries</p> <p>Name: Dba Location: Unit B, Garstang Rd, Claughton-on-Brock, Preston, Lancashire, PR3 0RB Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location</p>	A12SE (SW)	585	-	350146 442378
150	<p>Contemporary Trade Directory Entries</p> <p>Name: Wood & Stirling Location: Claughton Industrial Estate, Brockholes Way, Claughton-on-Brock, Preston, PR3 0PZ Classification: Machinery - Industrial & Commercial Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NW (SW)	635	-	350325 442123
151	<p>Contemporary Trade Directory Entries</p> <p>Name: Anypest Environmental Services Location: Street House, Stubbins Lane, Claughton-on-Brock, Preston, PR3 0QH Classification: Pest & Vermin Control Status: Active Positional Accuracy: Automatically positioned to the address</p>	A14NW (E)	645	-	351304 442840
152	<p>Contemporary Trade Directory Entries</p> <p>Name: Carrs Billington Ltd Location: Claughton Industrial Estate, Brockholes Way, Claughton-on-Brock, Preston, PR3 0PZ Classification: Agricultural Merchants Status: Active Positional Accuracy: Automatically positioned to the address</p>	A7NE (SW)	684	-	350268 442102
153	<p>Contemporary Trade Directory Entries</p> <p>Name: Spar At Claughton Location: Garstang Rd, Claughton-On-Brock, Preston, Lancashire, PR3 0GA Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location</p>	A7NE (SW)	738	-	350264 442040
154	<p>Contemporary Trade Directory Entries</p> <p>Name: Norwest Freight Services Location: Toll Bar, Garstang Rd, Claughton-On-Brock, Preston, Lancashire, PR3 0RE Classification: Road Haulage Services Status: Inactive Positional Accuracy: Manually positioned to the address or location</p>	A7SE (SW)	750	-	350307 442001

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
154	<p>Contemporary Trade Directory Entries</p> <p>Name: Central Power Services Ltd Location: Garstang Road, Claughton-on-Brock, Preston, PR3 0PH Classification: Generators - Sales & Service Status: Active Positional Accuracy: Automatically positioned to the address</p>	A7SE (SW)	760	-	350295 441997
155	<p>Contemporary Trade Directory Entries</p> <p>Name: Passmore Domestic Appliance Repairs Location: 5, Milford Close, Catterall, Preston, PR3 0GE Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Active Positional Accuracy: Automatically positioned to the address</p>	A12SW (W)	888	-	349765 442571
156	<p>Contemporary Trade Directory Entries</p> <p>Name: A & L Motor Services Location: 1, Catterall Gates Lane, Catterall, Preston, PR3 1YH Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A17SW (NW)	943	-	349817 443138
157	<p>Contemporary Trade Directory Entries</p> <p>Name: Heating Services Location: 38, Cock Robin Lane, Catterall, Preston, PR3 1YL Classification: Boilers - Servicing, Replacements & Repairs Status: Active Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	979	-	349666 442703
158	<p>Contemporary Trade Directory Entries</p> <p>Name: T A C Transport Ltd Location: 1, Meadowcroft Avenue, Catterall, Preston, PR3 1ZH Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A17SW (NW)	1000	-	349785 443196
159	<p>Points of Interest - Commercial Services</p> <p>Name: D C L Transport Services Location: 2 Stubbins Lane, Claughton-on-Brock, Preston, PR3 0QH Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location</p>	A12SE (W)	452	6	350227 442514
159	<p>Points of Interest - Commercial Services</p> <p>Name: John Carr & Son Motorcycles Ltd Location: Unit 2, Stubbins Lane, Claughton-on-Brock, Preston, PR3 0QH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location</p>	A12SE (W)	452	6	350227 442514
159	<p>Points of Interest - Commercial Services</p> <p>Name: J M Autobodies Location: Unit 4, Stubbins Lane, Claughton-on-Brock, PR3 0QH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location</p>	A12SE (SW)	481	6	350215 442472
159	<p>Points of Interest - Commercial Services</p> <p>Name: D C L Location: Stubbins Lane, Claughton-on-Brock, Preston, PR3 0QH Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location</p>	A12SE (SW)	482	6	350205 442491
159	<p>Points of Interest - Commercial Services</p> <p>Name: Darbyshire & Horabin Ltd Location: Stubbins Lane, Claughton-on-Brock, Preston, PR3 0QH Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location</p>	A12SE (SW)	482	6	350205 442491
160	<p>Points of Interest - Commercial Services</p> <p>Name: Claughton Service Centre Location: Brockholes Pavilion Claughton Industrial Estate, Brockholes Way, Claughton-on-Brock, Preston, PR3 0PZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location</p>	A8NW (SW)	472	6	350350 442306

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
160	<p>Points of Interest - Commercial Services</p> <p>Name: A K Carpets Ltd Location: Unit 4 Robinson Court Claughton Industrial Estate, Brockholes Way, Claughton-on-Brock, Preston, PR3 0PZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location</p>	A8NW (SW)	494	6	350374 442260
160	<p>Points of Interest - Commercial Services</p> <p>Name: Claughton Service Centre Location: Claughton Industrial Estate, Brockholes Way, Claughton-on-Brock, Preston, PR3 0PZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location</p>	A8NW (SW)	495	6	350375 442258
161	<p>Points of Interest - Commercial Services</p> <p>Name: Direct Deliveries Location: 194 Garstang Road, Claughton-on-Brock, Preston, PR3 0PH Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location</p>	A12SE (W)	575	6	350101 442501
162	<p>Points of Interest - Commercial Services</p> <p>Name: Waste Recycling Centre Location: Claughton Industrial Estate Garstang Road, Claughton-On-Brock, Preston, Lancashire, PR3 0PZ Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location</p>	A8NW (SW)	624	6	350330 442133
163	<p>Points of Interest - Commercial Services</p> <p>Name: Anypest Environmental Services Location: Street House, Stubbins Lane, Claughton-on-Brock, Preston, PR3 0QH Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location</p>	A14NW (E)	644	6	351303 442840
163	<p>Points of Interest - Commercial Services</p> <p>Name: Anypest Location: Street House, Stubbins Lane, Claughton-on-Brock, Preston, PR3 0QH Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location</p>	A14NW (E)	645	6	351304 442840
163	<p>Points of Interest - Commercial Services</p> <p>Name: D C L Transport Haulage Contractors Location: Barn Cottage, Stubbins Lane, Claughton-on-Brock, Preston, PR3 0QH Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location</p>	A14NW (E)	645	6	351309 442816
164	<p>Points of Interest - Commercial Services</p> <p>Name: T A C Transport Ltd Location: 1 Meadowcroft Avenue, Catterall, Preston, PR3 1ZH Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location</p>	A17SW (NW)	1000	6	349784 443196
165	<p>Points of Interest - Manufacturing and Production</p> <p>Name: Works Location: PR3 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location</p>	A7NE (SW)	564	6	350267 442257
166	<p>Points of Interest - Manufacturing and Production</p> <p>Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location</p>	A7NE (SW)	644	6	350280 442142
166	<p>Points of Interest - Manufacturing and Production</p> <p>Name: Works Location: PR3 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location</p>	A7NE (SW)	644	6	350280 442142

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
167	Points of Interest - Manufacturing and Production Name: Tank Location: PR3 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	678	6	350462 443342
168	Points of Interest - Manufacturing and Production Name: Works Location: PR3 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	732	6	350311 442020
169	Points of Interest - Manufacturing and Production Name: Works Location: PR3 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	952	6	350842 443633
169	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	955	6	350847 443635
170	Points of Interest - Manufacturing and Production Name: T A C Transport Ltd Location: 1 Meadowcroft Avenue, Catterall, Preston, PR3 1ZH Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A17SW (NW)	1000	6	349785 443196
171	Points of Interest - Public Infrastructure Name: Sluice Location: PR3 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	645	6	350230 443180
172	Points of Interest - Public Infrastructure Name: Sluice Location: PR3 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	657	6	350682 443354
172	Points of Interest - Public Infrastructure Name: Weir Location: PR3 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	700	6	350712 443396
173	Points of Interest - Public Infrastructure Name: Weir Location: PR3 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	836	6	350007 443226
174	Points of Interest - Public Infrastructure Name: Weir Location: PR3 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	837	6	350878 443508
174	Points of Interest - Public Infrastructure Name: Sluice Location: PR3 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	841	6	350860 443516
174	Points of Interest - Public Infrastructure Name: Sluice Location: PR3 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	845	6	350841 443524

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Wyre Borough Council - Environmental Health Department Preston City Council - Environmental Health Department	April 2014 March 2013	Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - North West Region	July 2017	Quarterly
Enforcement and Prohibition Notices Environment Agency - North West Region	March 2013	As notified
Integrated Pollution Controls Environment Agency - North West Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - North West Region	July 2017	Quarterly
Local Authority Integrated Pollution Prevention And Control Preston City Council - Environmental Health Department Wyre Borough Council - Environmental Health Department	August 2015 March 2015	Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Controls Preston City Council - Environmental Health Department Wyre Borough Council - Environmental Health Department	August 2015 March 2015	Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Preston City Council - Environmental Health Department Wyre Borough Council - Environmental Health Department	August 2015 March 2015	Annual Rolling Update Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	May 2017	
Pollution Incidents to Controlled Waters Environment Agency - North West Region	January 2000	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - North West Region	March 2013	As notified
Prosecutions Relating to Controlled Waters Environment Agency - North West Region	March 2013	As notified
Registered Radioactive Substances Environment Agency - North West Region	January 2015	
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area	July 2017 July 2017	Quarterly Quarterly
Water Abstractions Environment Agency - North West Region	October 2017	Quarterly
Water Industry Act Referrals Environment Agency - North West Region	July 2017	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	April 2015	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	August 2015	As notified
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	August 2015	As notified

Agency & Hydrological	Version	Update Cycle
Source Protection Zones Environment Agency - Head Office	October 2017	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	August 2017	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	August 2017	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	August 2017	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	August 2017	Quarterly
Flood Defences Environment Agency - Head Office	August 2017	Quarterly
OS Water Network Lines Ordnance Survey	July 2017	6 Weekly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water Suitability Environment Agency - Head Office	October 2013	As notified
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	July 2017	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - North West Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area	July 2017 July 2017	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area	July 2017 July 2017	Quarterly Quarterly
Local Authority Landfill Coverage Lancashire County Council - Waste Management Group Preston City Council - Environmental Health Department Wyre Borough Council - Environmental Health Department	May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Lancashire County Council - Waste Management Group Preston City Council - Environmental Health Department Wyre Borough Council - Environmental Health Department	May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area	March 2003 March 2003	Not Applicable Not Applicable
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	September 2017	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Lancashire County Council Wyre Borough Council - Planning Department Preston City Council	February 2016 February 2016 October 2015	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Planning Hazardous Substance Consents Lancashire County Council Wyre Borough Council - Planning Department Preston City Council	February 2016 February 2016 October 2015	Annual Rolling Update Annual Rolling Update Annual Rolling Update

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	April 2017	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	As notified
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	As notified
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	September 2017	Quarterly
Fuel Station Entries Catalist Ltd - Experian	August 2017	Quarterly
Gas Pipelines National Grid	July 2014	Quarterly
Points of Interest - Commercial Services PointX	September 2017	Quarterly
Points of Interest - Education and Health PointX	September 2017	Quarterly
Points of Interest - Manufacturing and Production PointX	September 2017	Quarterly
Points of Interest - Public Infrastructure PointX	September 2017	Quarterly
Points of Interest - Recreational and Environmental PointX	September 2017	Quarterly
Underground Electrical Cables National Grid	December 2015	Bi-Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	May 2017	Bi-Annually
Areas of Adopted Green Belt Preston City Council Wyre Borough Council - Planning Department	May 2017 May 2017	As notified As notified
Areas of Unadopted Green Belt Preston City Council Wyre Borough Council - Planning Department	May 2017 May 2017	As notified As notified
Areas of Outstanding Natural Beauty Natural England	August 2017	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	August 2017	Bi-Annually
Marine Nature Reserves Natural England	August 2017	Bi-Annually
National Nature Reserves Natural England	August 2017	Bi-Annually
National Parks Natural England	August 2017	Bi-Annually
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	
Ramsar Sites Natural England	August 2017	Bi-Annually
Sites of Special Scientific Interest Natural England	August 2017	Bi-Annually
Special Areas of Conservation Natural England	August 2017	Bi-Annually
Special Protection Areas Natural England	August 2017	Bi-Annually

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 British Geological Survey <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Wyre Borough Council - Environmental Health Department Civic Centre, Breck Road, Poulton-le-fylde, Blackpool, Lancashire, FY6 7PU	Telephone: 01253 891000 Fax: 01253 899000 Website: www.wyrebc.gov.uk
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 023 8079 2000 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	Lancashire County Council - Waste Management Group Environment Directorate, Guild House, Cross Street, Preston, Lancashire, PR1 8RD	Website: www.lancashire.gov.uk
6	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
7	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
8	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location
- Pylon
- Overhead Transmission Line

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

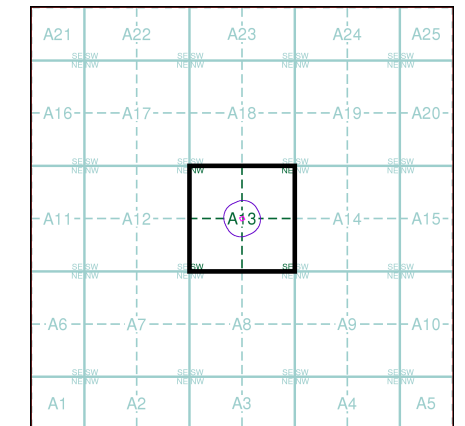
Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Segment A13

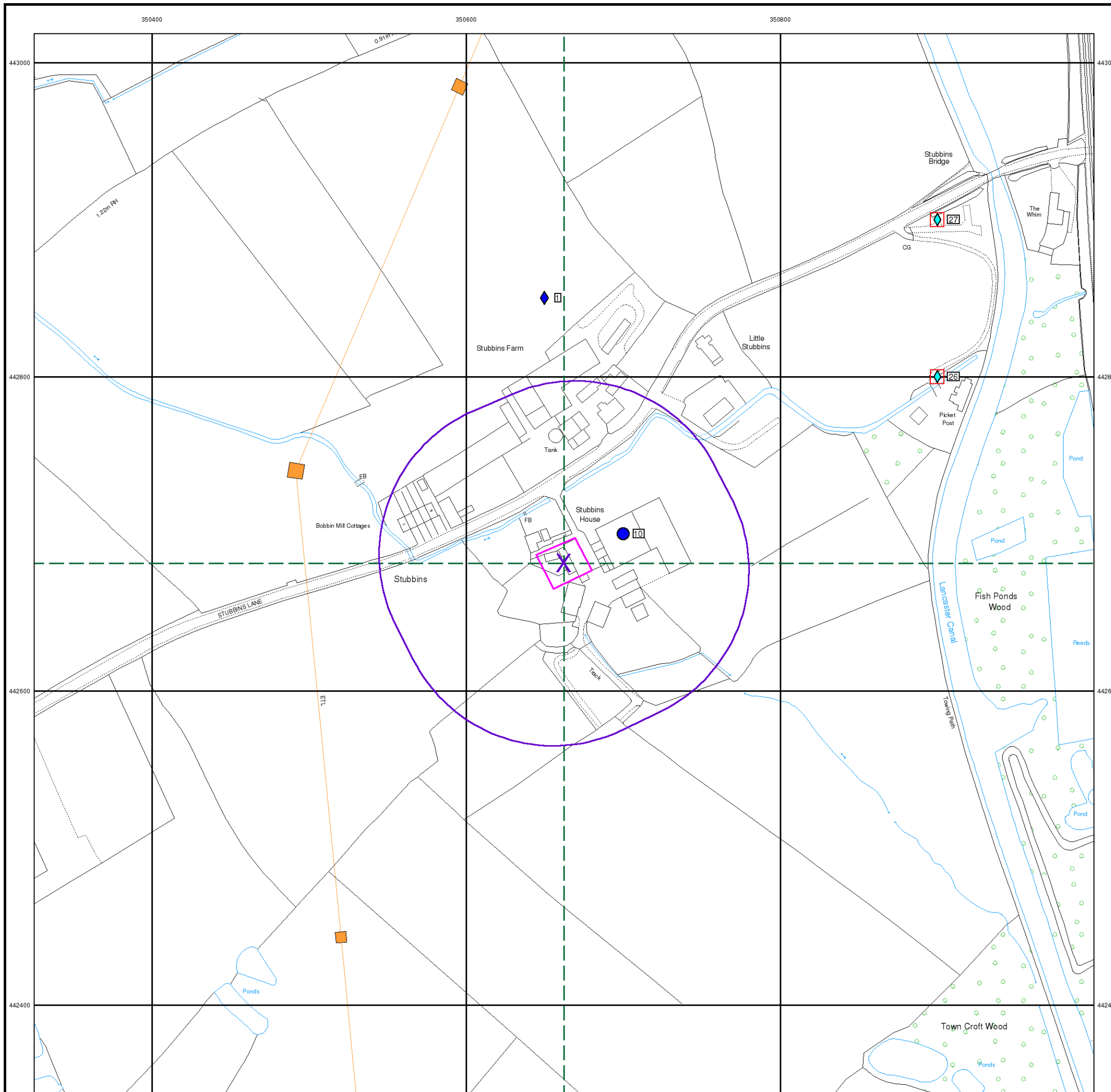


Order Details

Order Number: 145435404_1_1
 Customer Ref: PR3 0PL
 National Grid Reference: 350660, 442680
 Slice: A
 Site Area (Ha): 0.07
 Plot Buffer (m): 100

Site Details

Stubbins House Farm, Stubbins Lane, Cloughton-on-Brock, PRESTON, PR3 0PL



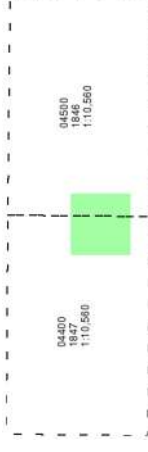
Lancashire And Furness

Published 1846 - 1847

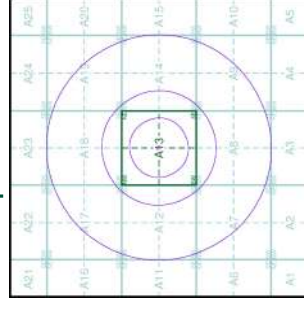
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



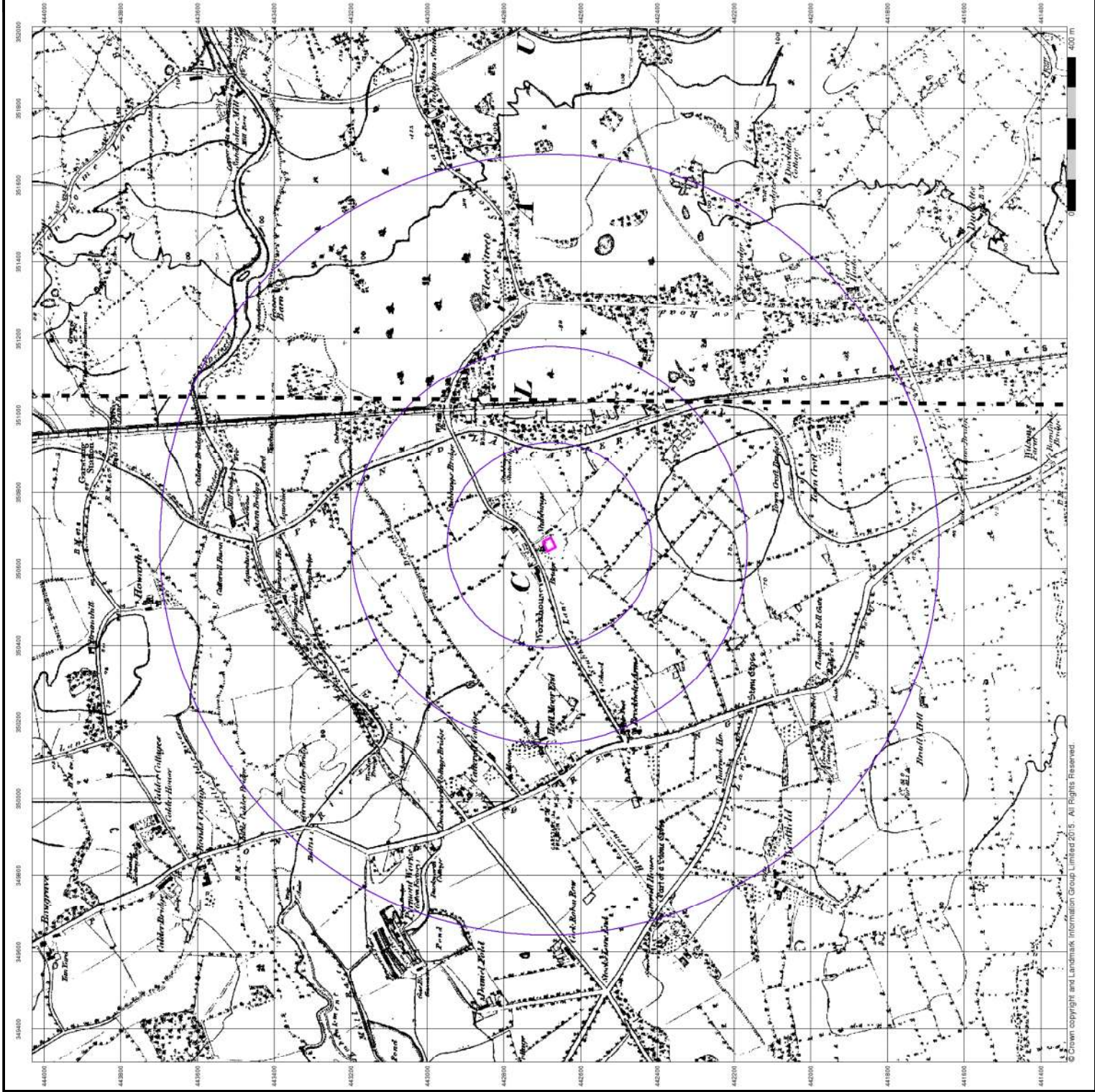
Order Details

Order Number: 145435404_1_1
 Customer Ref: PR3 0PL
 National Grid Reference: 350660, 442680

Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

Stubbins House Farm, Stubbins Lane, Claughton-on-Brock, PRESTON, PR3 0PL

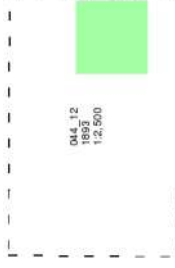


Lancashire And Furness Published 1893

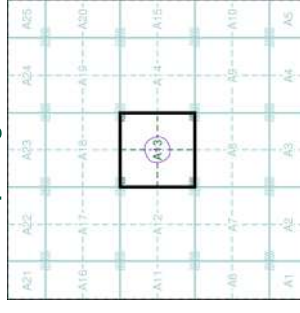
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the Ordnance Survey, London, and Scotland in the 1840s, 1854 and 1861. The maps were reproduced from the original maps and are not a new edition. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13

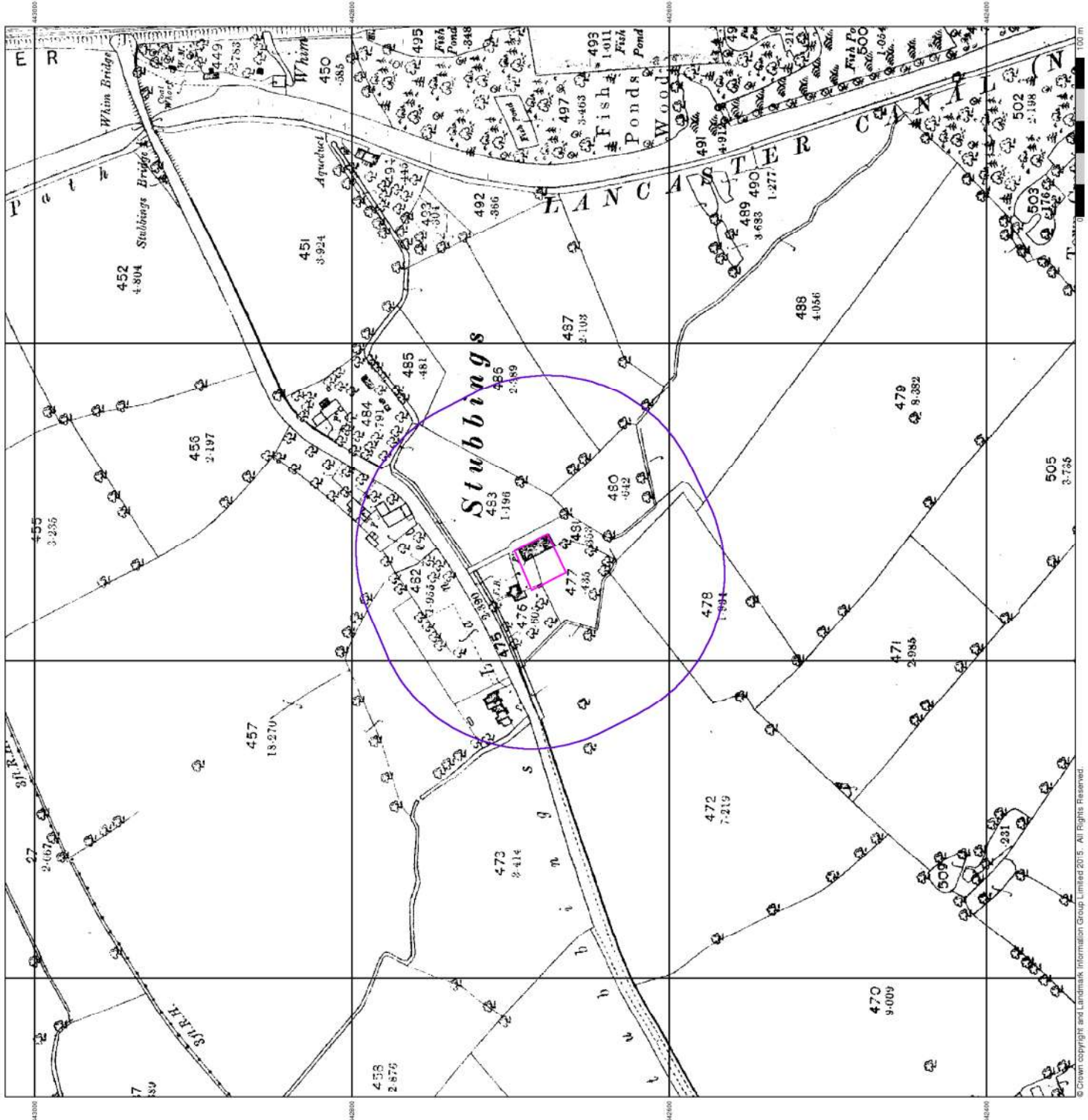


Order Details

Order Number: 145435404_1_1
 Customer Ref: PR3 0PL
 National Grid Reference: 350660, 442680
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 100

Site Details

Stubbins House Farm, Stubbins Lane, Claughton-on-Brock,
 PRESTON, PR3 0PL



Lancashire And Furness

Published 1912

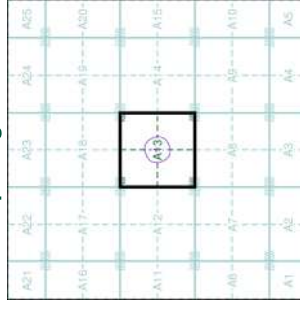
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the adopted for England, Wales and Scotland in the 1940s. 1864 and 1868. The maps were reproduced from the original maps, and are not necessarily the same as the original maps. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

044_12
1:2,500

Historical Map - Segment A13

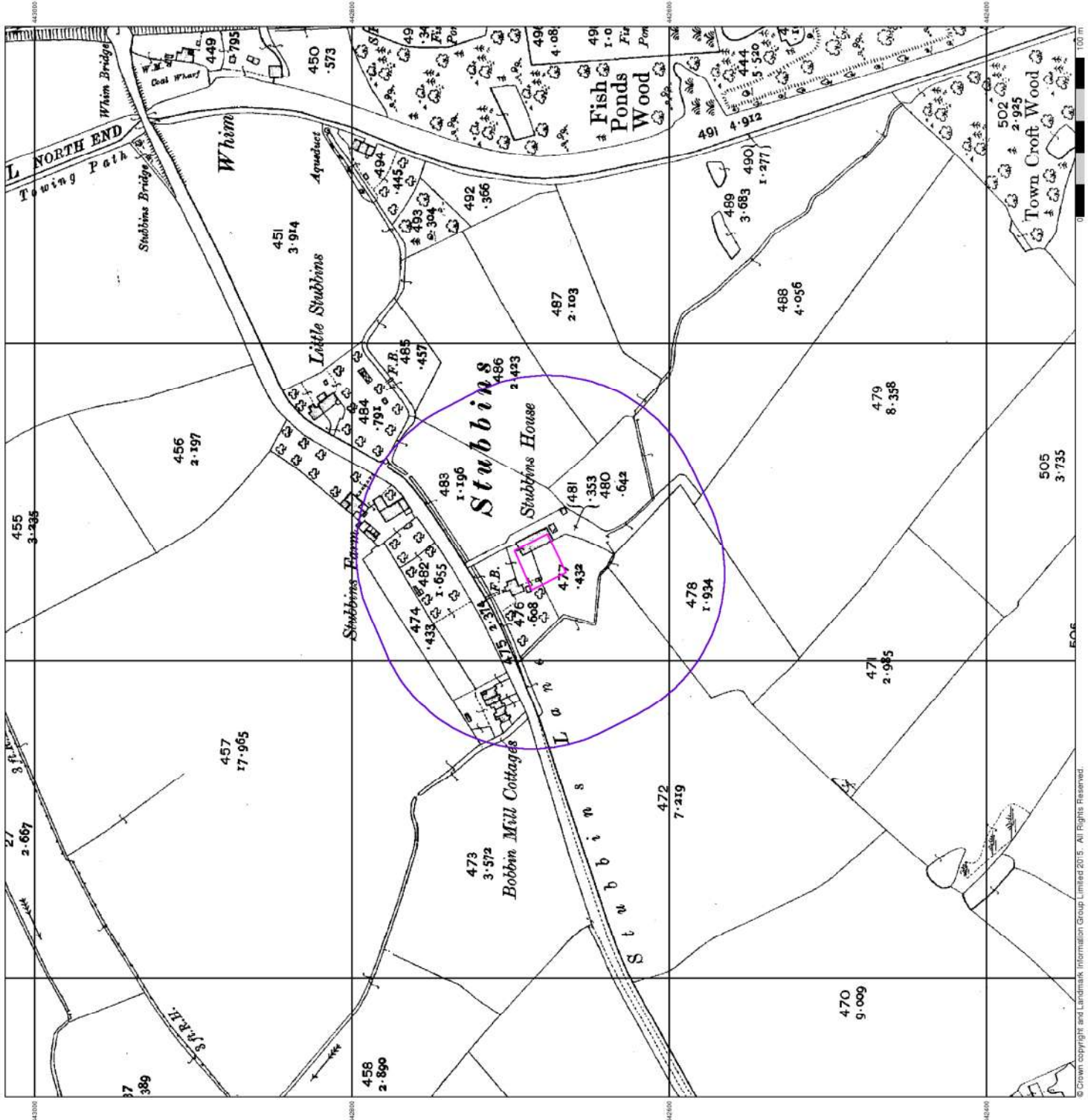


Order Details

Order Number: 145435404_1_1
Customer Ref: PR3 0PL
National Grid Reference: 350660, 442680
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 100

Site Details

Stubbins House Farm, Stubbins Lane, Claughton-on-Brock, PRESTON, PR3 0PL



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Lancashire And Furness

Published 1932

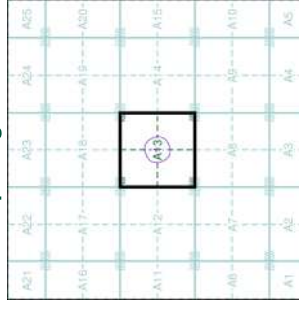
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the adopted for England, Wales and Scotland in the 1940s. In 1854 and 1859, the Ordnance Survey was established in response to the need to map the whole of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

044_12
1:2,500

Historical Map - Segment A13

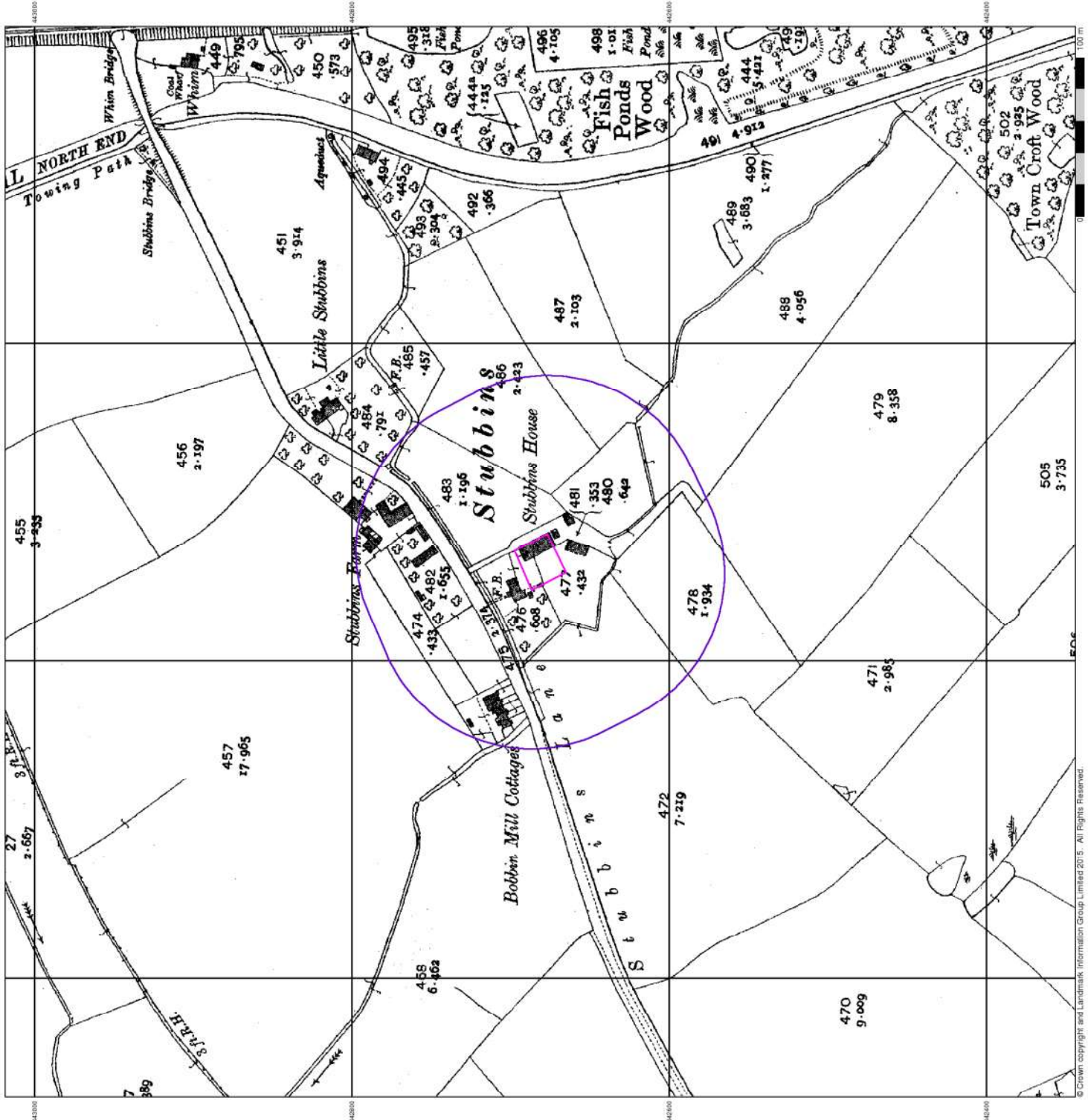


Order Details

Order Number: 145435404_1_1
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 National Grid Reference: 350660, 442680
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 100

Site Details

Stubbins House Farm, Stubbins Lane, Claughton-on-Brock, PRESTON, PR3 0PL



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Ordnance Survey Plan Published 1966

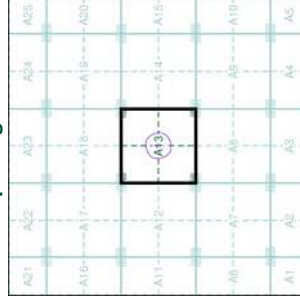
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the Ordnance Survey, Wales and Scotland in the 1940s, 1950s, 1960s, 1970s and 1980s. The maps were reproduced at a scale of 1:2,500 and are intended to be used as a reference only. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

SD5043	1966	1:2,500
SD5042	1966	1:2,500

Historical Map - Segment A13

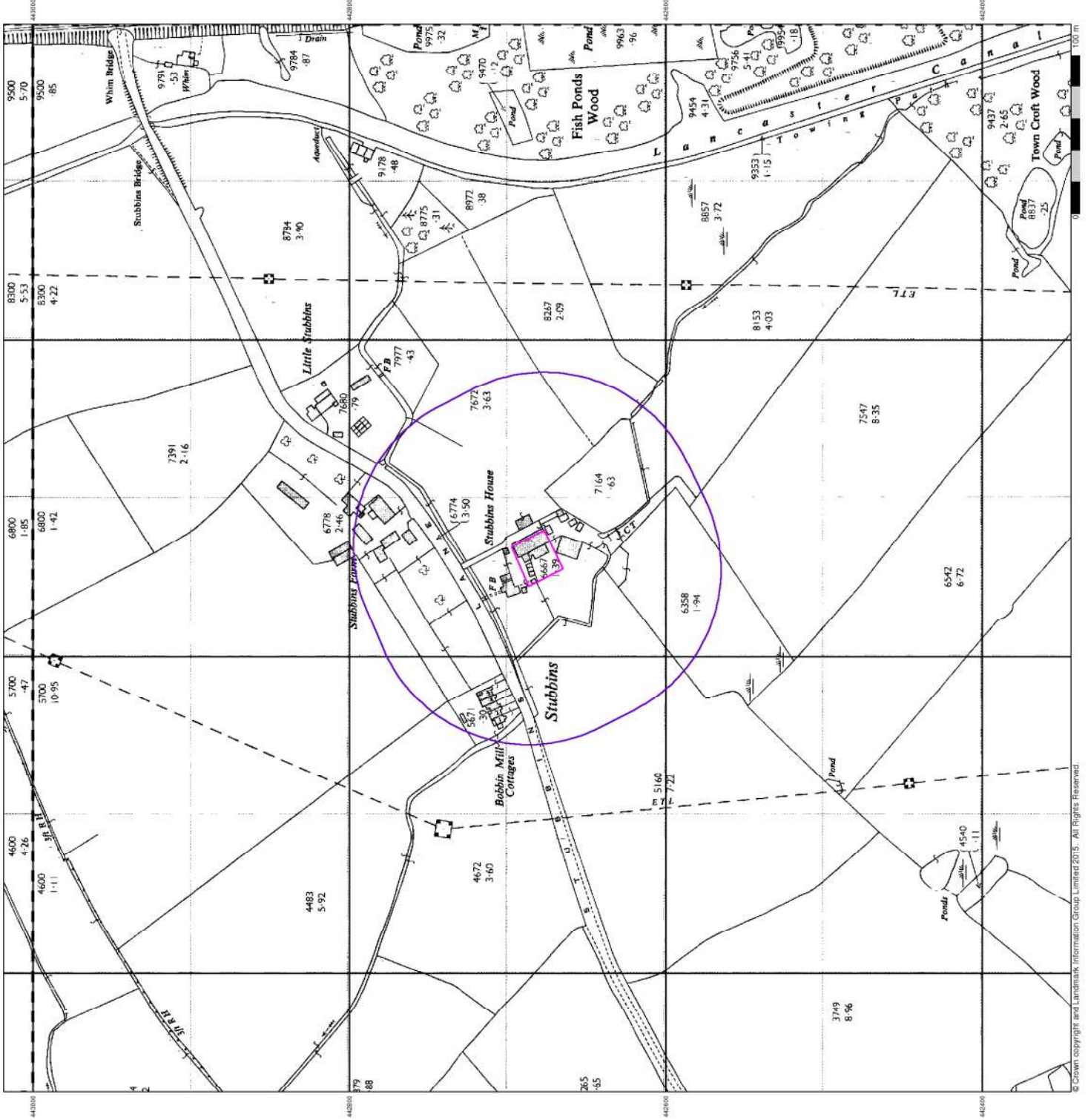


Order Details

Order Number: 145435404_1_1
 Customer Ref: PR3 0PL
 National Grid Reference: 350660, 442680
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 100

Site Details

Stubbins House Farm, Stubbins Lane, Claughton-on-Brook, PRESTON, PR3 0PL



Large-Scale National Grid Data

Published 1994

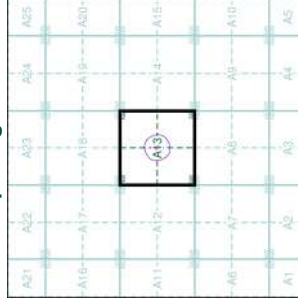
Source map scale - 1:2,500

Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's Survey Information on Microfilm) in 1992, and continued to be produced until 1999. These maps were the first digital mapping and provide detailed features such as houses and streets, and also topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)

SD0043	1994	1:2,500
SD0042	1994	1:2,500

Historical Map - Segment A13

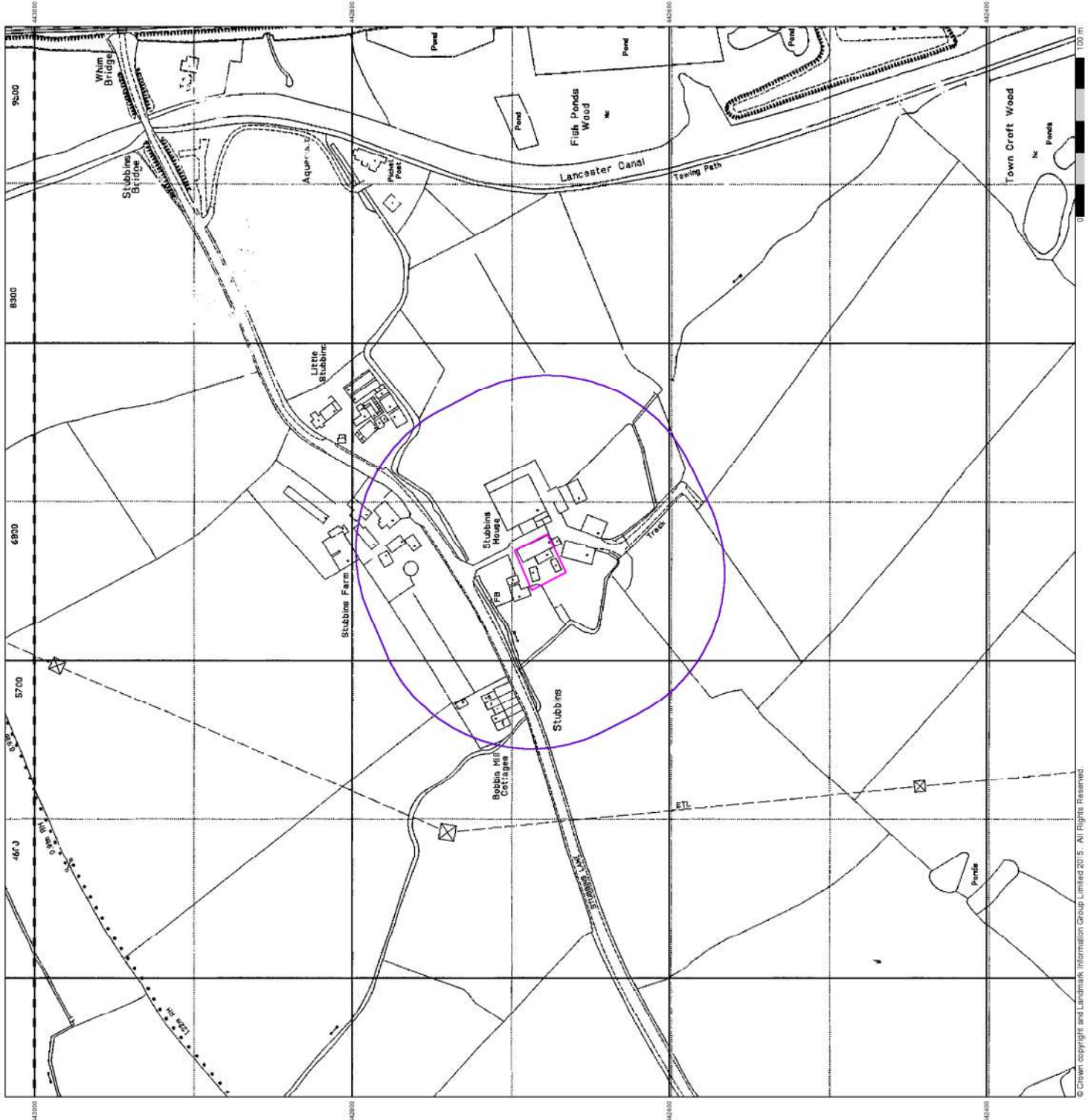


Order Details

Order Number: 145435404_1_1
 Customer Ref: PR3 0PL
 National Grid Reference: 350660, 442680
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 100

Site Details

Stubbins House Farm, Stubbins Lane, Claughton-on-Brock, PRESTON, PR3 0PL

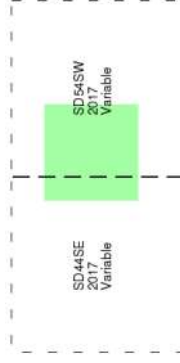


VectorMap Local Published 2017

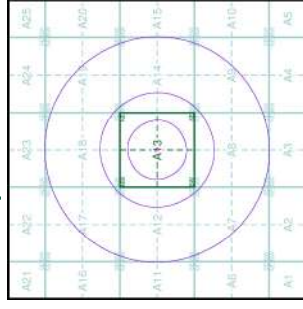
Source map scale - 1:10,000

VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced at a scale of 1:10,000. VectorMap Local, a raster map, has been designed to be used in conjunction with the Ordnance Survey VectorMap Local. It is derived from large-scale information surveyed at 1:250 scale (covering major towns and cities), 1:2500 scale (smaller towns, villages and developed rural areas), and 1:10,000 scale (mountain, moorland and river estuary areas).

Map Name(s) and Date(s)



Historical Map - Slice A

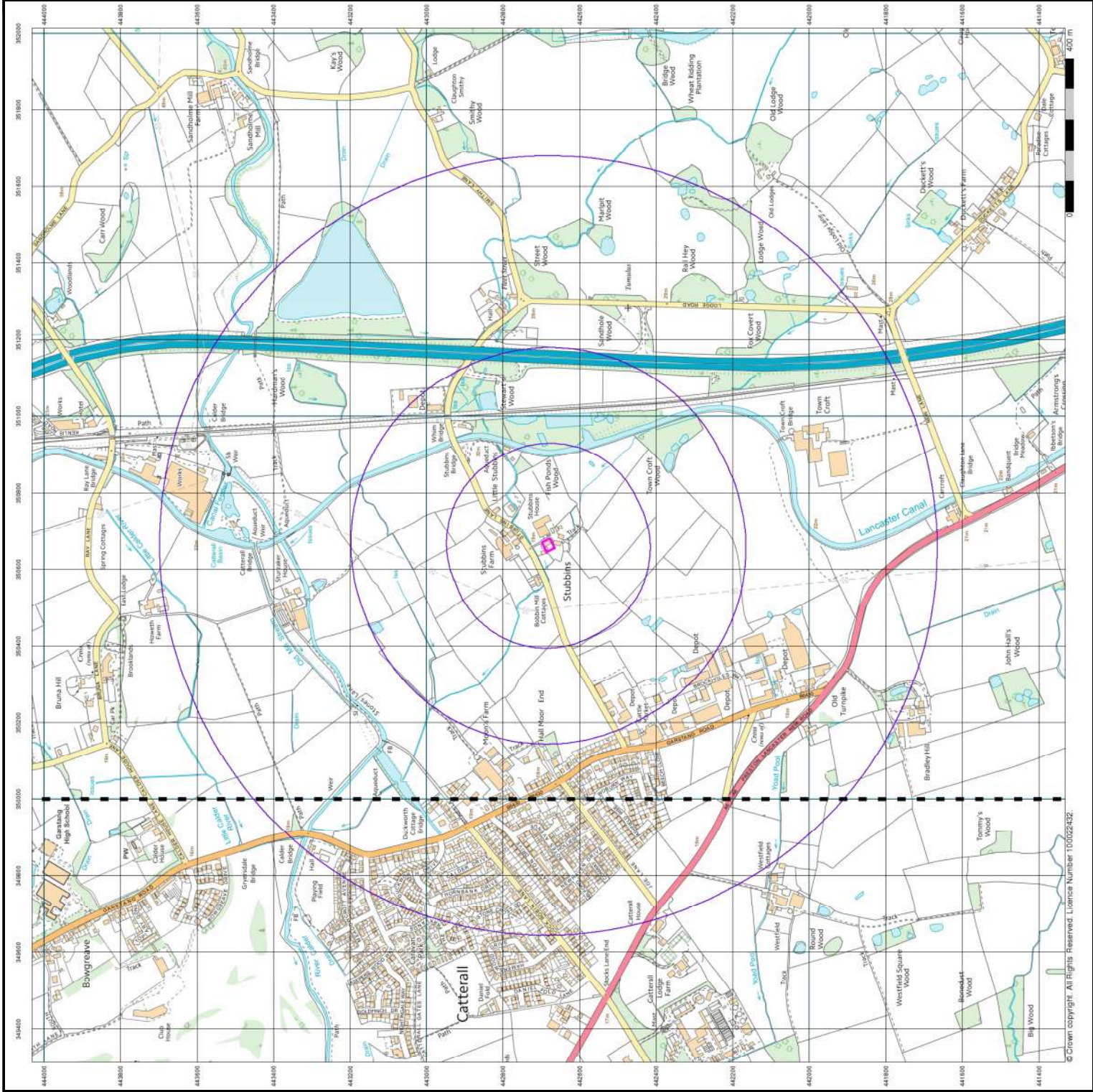


Order Details

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 Customer Ref: PR3 0PL
 National Grid Reference: 350660, 442680
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

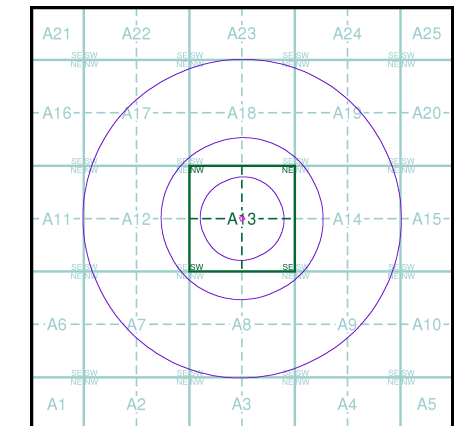
Stubbins House Farm, Stubbins Lane, Claughton-on-Brock, PRESTON, PR3 0PL



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- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
 - BGS Recorded Mineral Site
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Slice A

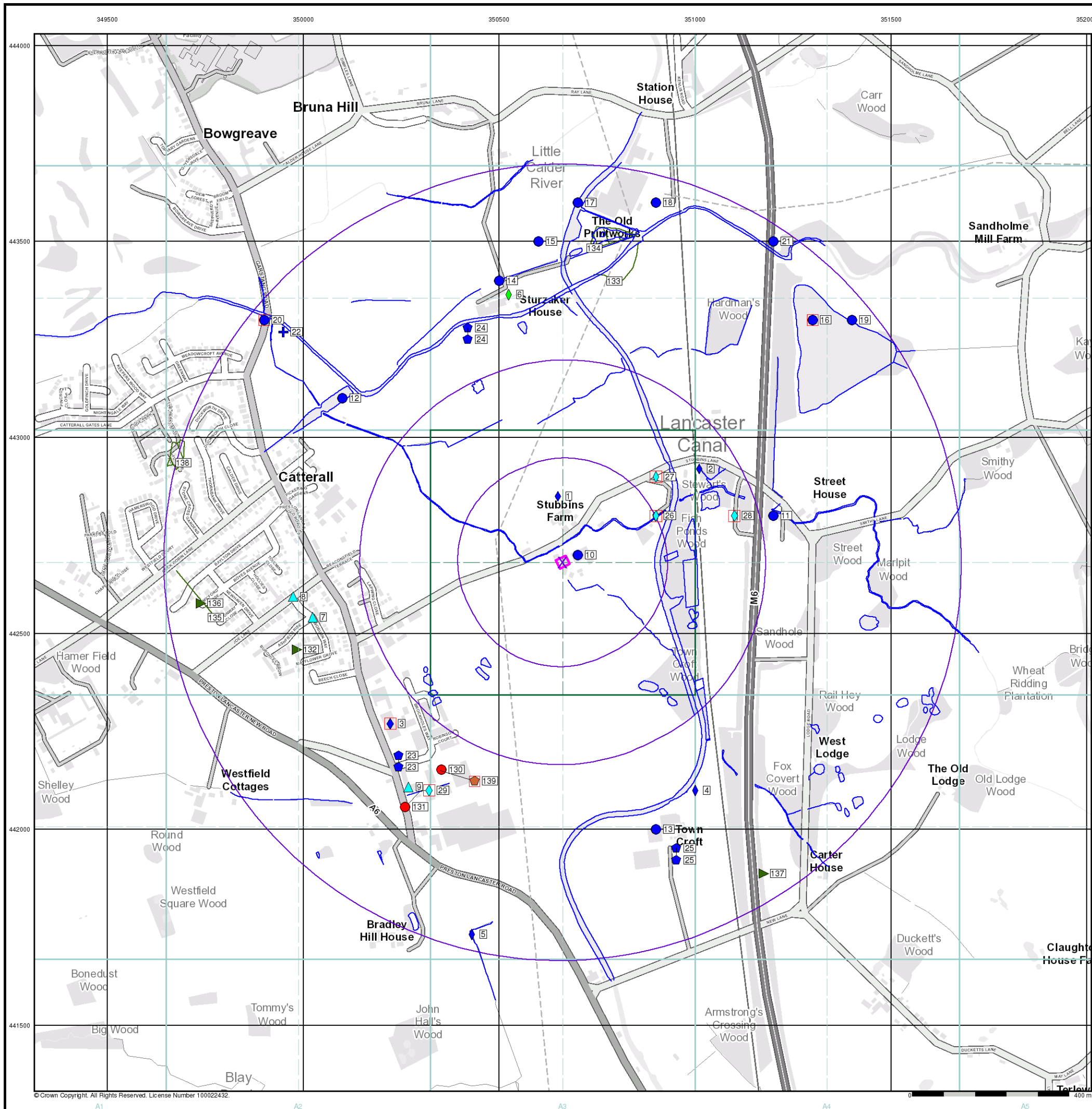


Order Details

Order Number: 145435404_1_1
 Customer Ref: PR3 OPL
 National Grid Reference: 350660, 442680
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details






Stubbins House Farm, Stubbins Lane, Cloughton-on-Brock, PRESTON, PR3 0PL












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Industrial Land Use Map

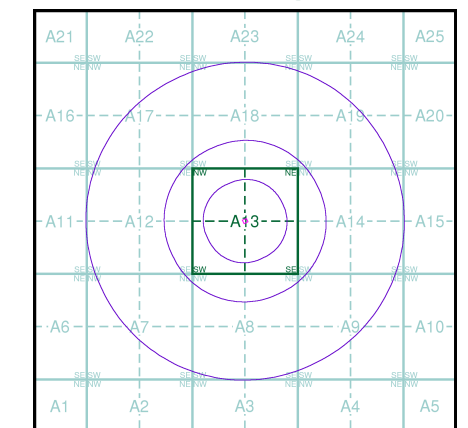
General

-  Specified Site
-  Specified Buffer(s)
-  Bearing Reference Point
-  Slice
-  Map ID

Industrial Land Use

-  Contemporary Trade Directory Entry
-  Fuel Station Entry
-  Gas Pipeline
-  Points of Interest - Commercial Services
-  Points of Interest - Education and Health
-  Points of Interest - Manufacturing and Production
-  Points of Interest - Public Infrastructure
-  Points of Interest - Recreational and Environmental
-  Underground Electrical Cables

Industrial Land Use Map - Slice A

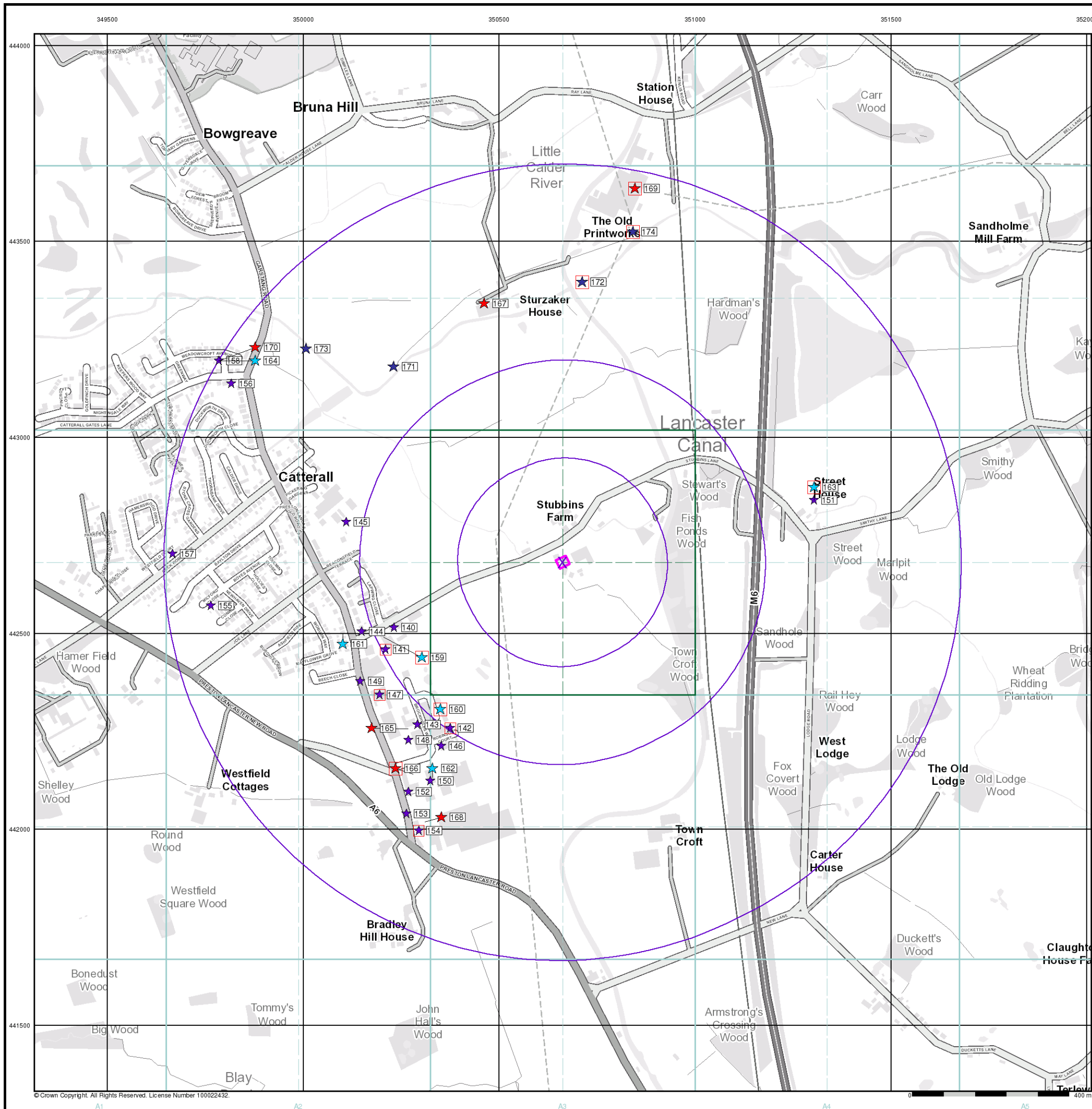


Order Details

Order Number: 145435404_1_1
 Customer Ref: PR3 0PL
 National Grid Reference: 350660, 442680
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

Stubbins House Farm, Stubbins Lane, Cloughton-on-Brock, PRESTON, PR3 0PL



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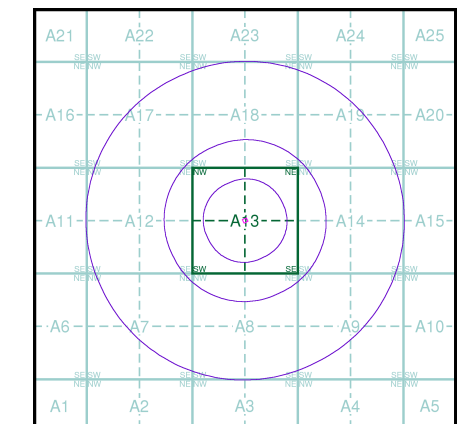
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Agency and Hydrological (Flood)

- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- Flood Defence

Flood Map - Slice A

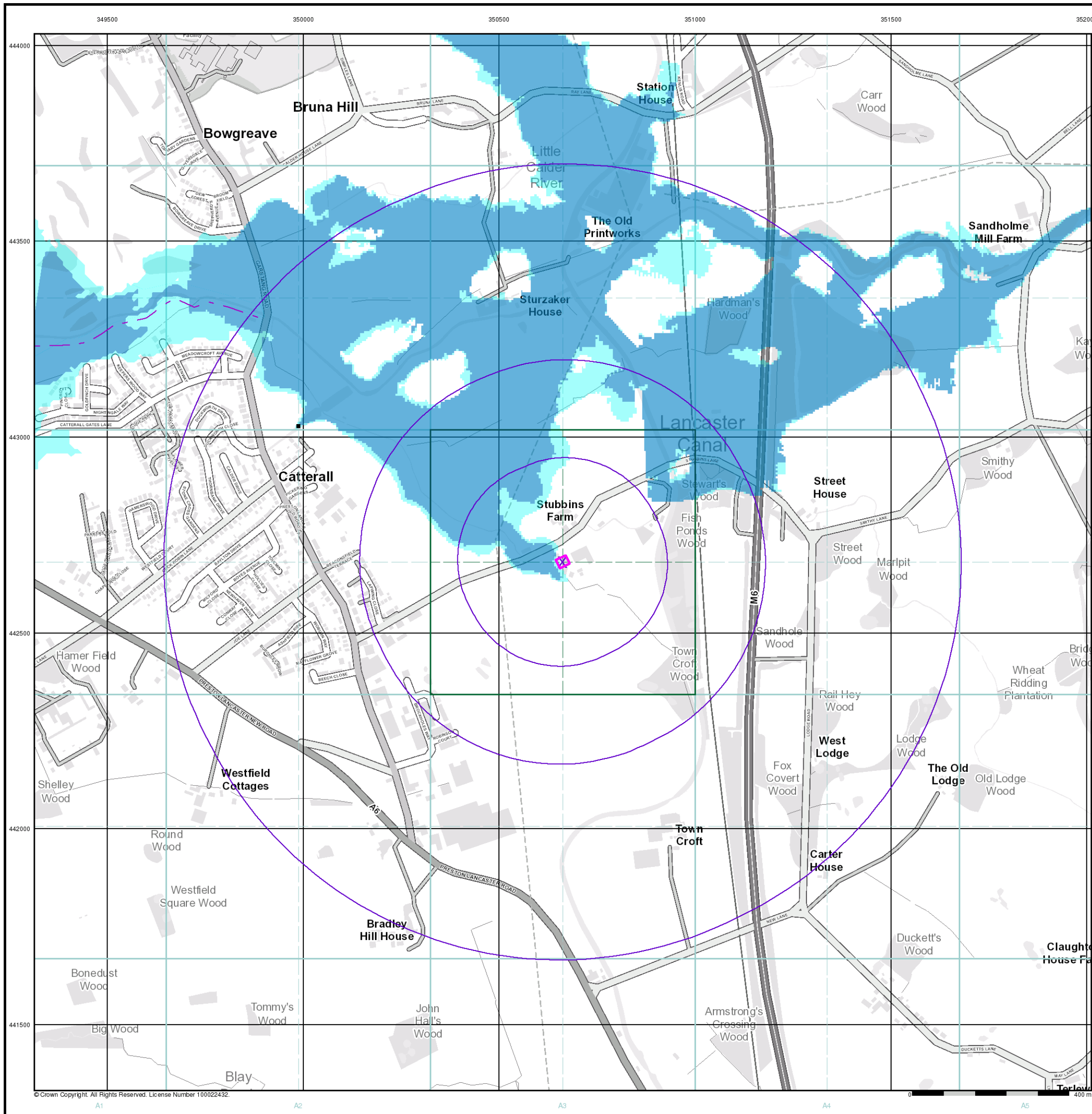


Order Details

Order Number: 145435404_1_1
 Customer Ref: PR3 0PL
 National Grid Reference: 350660, 442680
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

Stubbins House Farm, Stubbins Lane, Cloughton-on-Brock, PRESTON, PR3 0PL



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General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

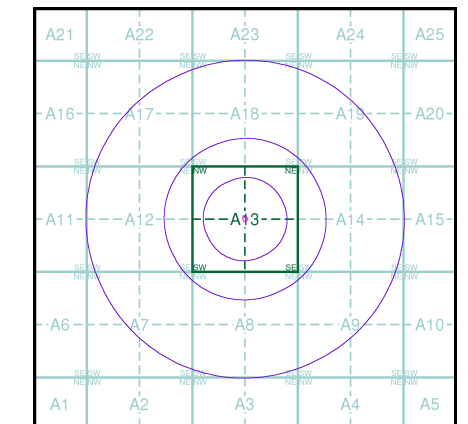
Agency and Hydrological (Boreholes)

- BGS Borehole Depth 0 - 10m
- BGS Borehole Depth 10 - 30m
- BGS Borehole Depth 30m +
- Confidential
- Other

For Borehole information please refer to the Borehole .csv file which accompanied this slice.

A copy of the BGS Borehole Ordering Form is available to download from the Support section of www.envirocheck.co.uk.

Borehole Map - Slice A

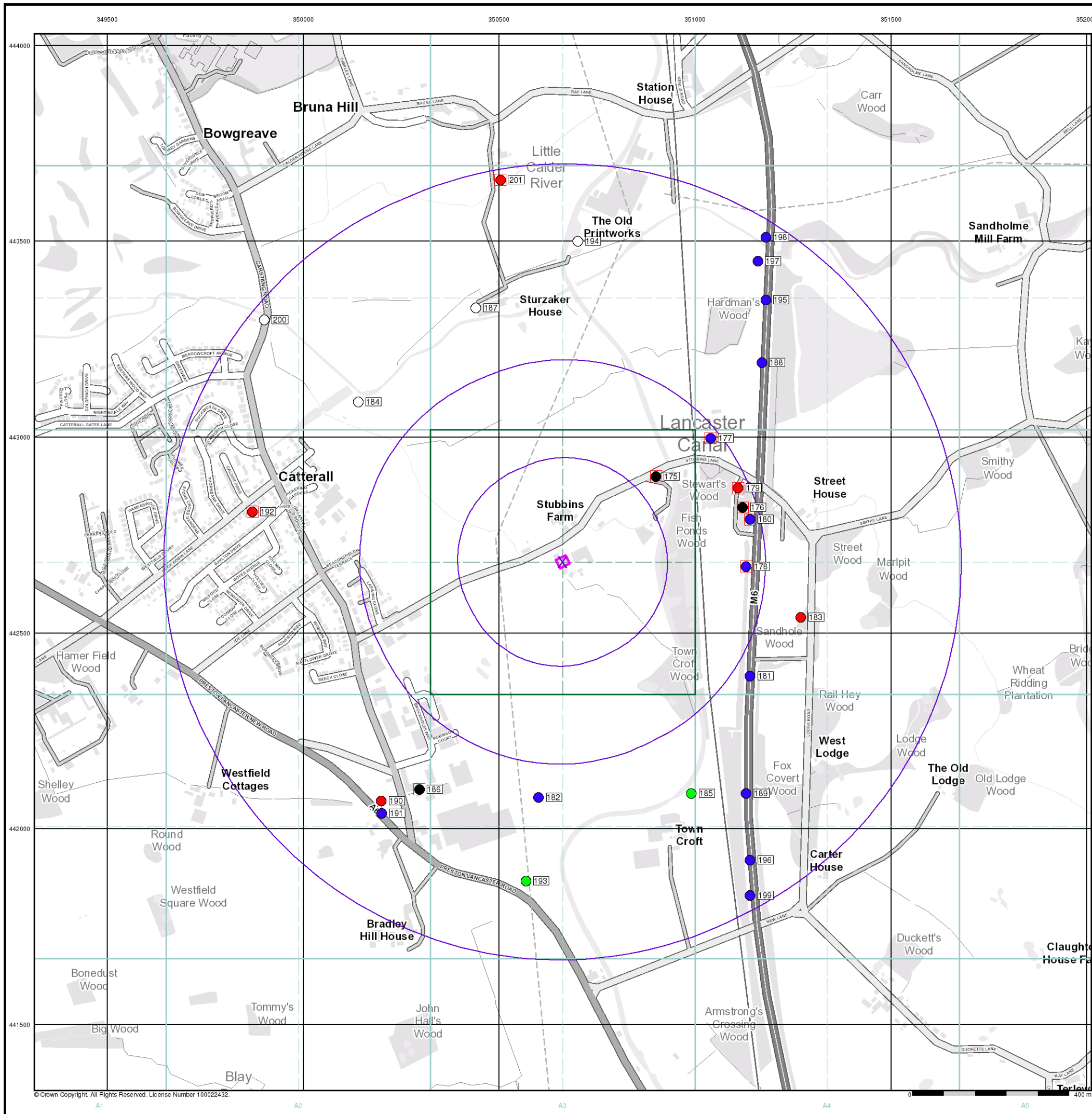


Order Details

Order Number: 145435404_1_1
 Customer Ref: PR3 0PL
 National Grid Reference: 350660, 442680
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

Stubbins House Farm, Stubbins Lane, Cloughton-on-Brock, PRESTON, PR3 0PL



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General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

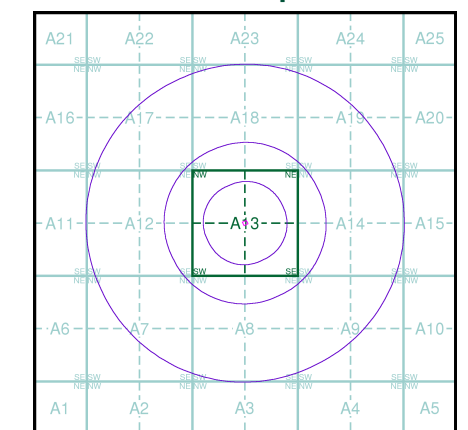
OS Water Network Data

- | | | | |
|--|--------------|--|-------------------------|
| | Canal | | Drain |
| | Reservoir | | Other |
| | Foreshore | | Lake |
| | Marsh | | Transfer |
| | Tidal River | | Lock Or Flight Of Locks |
| | Inland River | | Sea |

Contours (height in meters)

- Standard Contour 105
- Master Contour 100
- Spot Height 167.3
- Mean Low Water
- Mean High Water

OS Water Network Map - Slice A

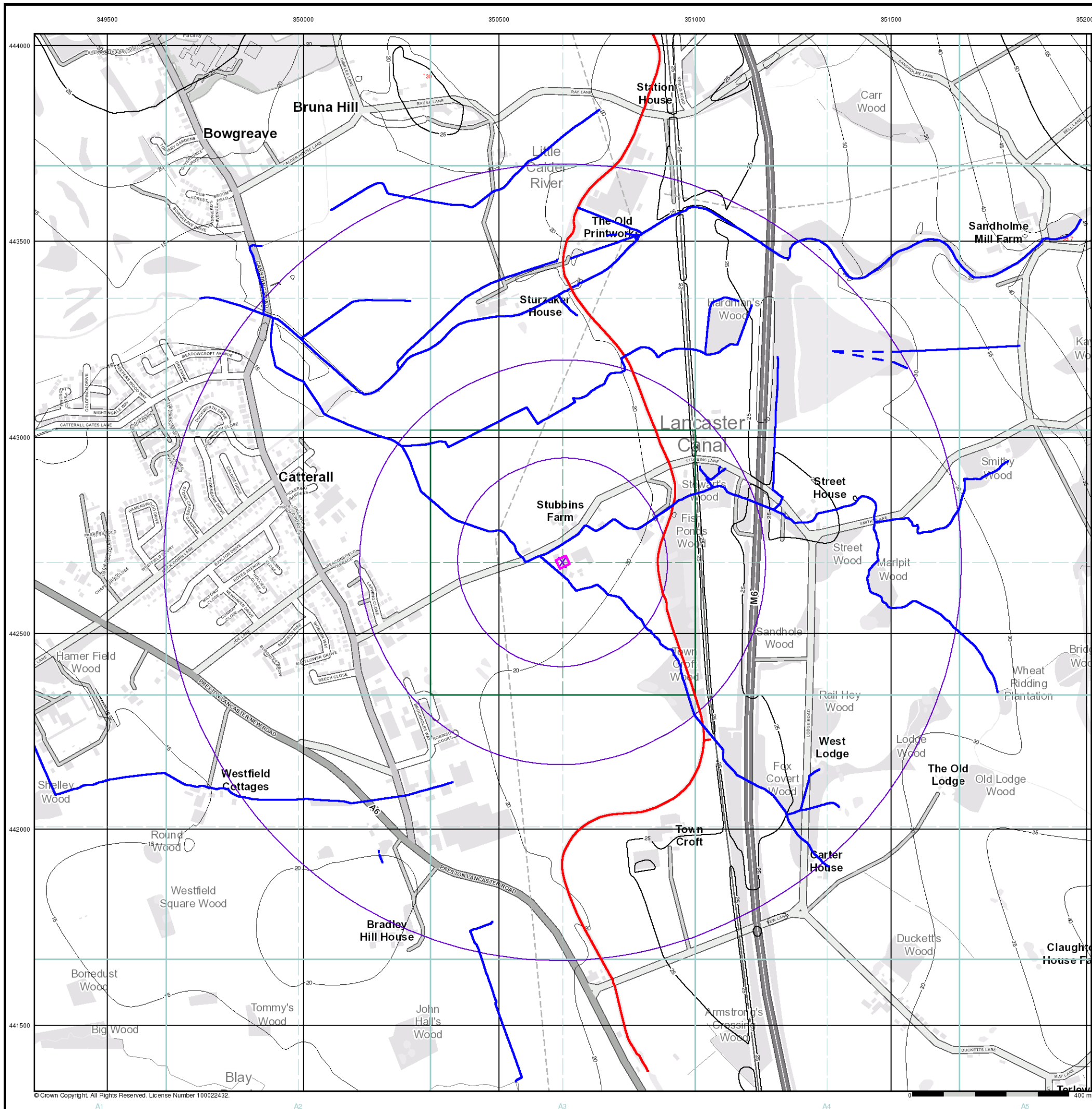


Order Details

Order Number: 145435404_1_1
 Customer Ref: PR3 0PL
 National Grid Reference: 350660, 442680
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000




Site Details

Stubbins House Farm, Stubbins Lane, Claughton-on-Brock, PRESTON, PR3 0PL



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General

-  Specified Site
-  Specified Buffer(s)
-  Bearing Reference Point

Risk of Flooding from Surface Water

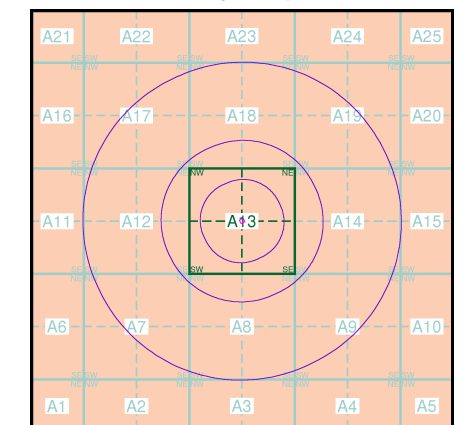
-  High - 30 Year Return
-  Medium - 100 Year Return
-  Low - 1000 Year Return

Suitability

See the suitability map below

-  National to county
-  County to town
-  Town to street
-  Street to parcels of land
-  Property

EANRW Suitability Map - Slice A

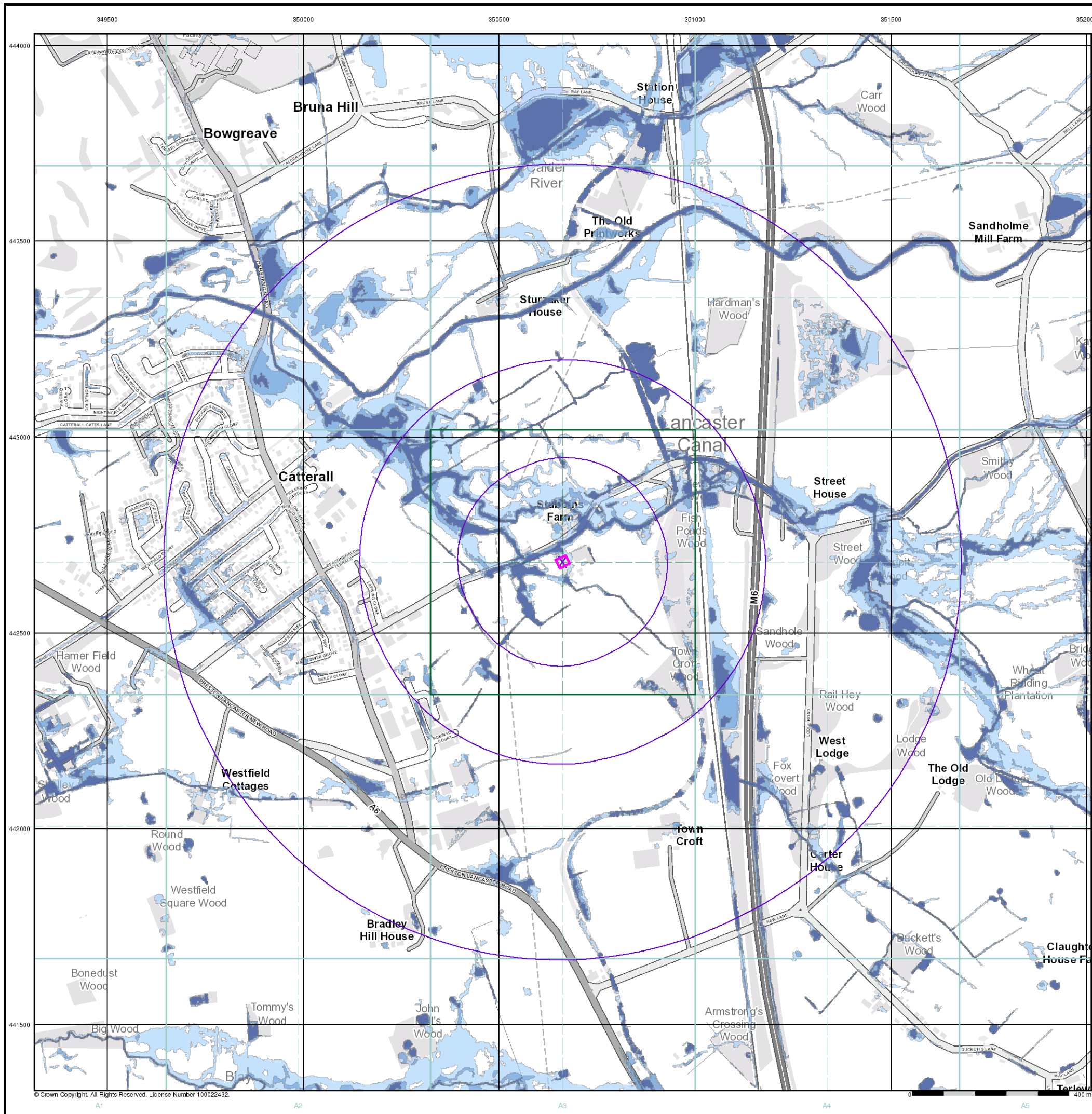


Order Details

Order Number: 145435404_1_1
 Customer Ref: PR3 0PL
 National Grid Reference: 350660, 442680
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

Stubbins House Farm, Stubbins Lane, Claughton-on-Brock, PRESTON, PR3 0PL



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site is an agricultural building with storage tanks

buildings contain asbestos cement

possible contaminants: heavy metals, cyanide, sulphate, asbestos, TPH's, PAH's

low risk to controlled waters expected

no landfill/ground gas risk anticipated

radon protection not required

possible river/surface water flood risk

**Stubbins House, Stubbins Lane
Cloughton-on-Brock, Preston. PR30PL**

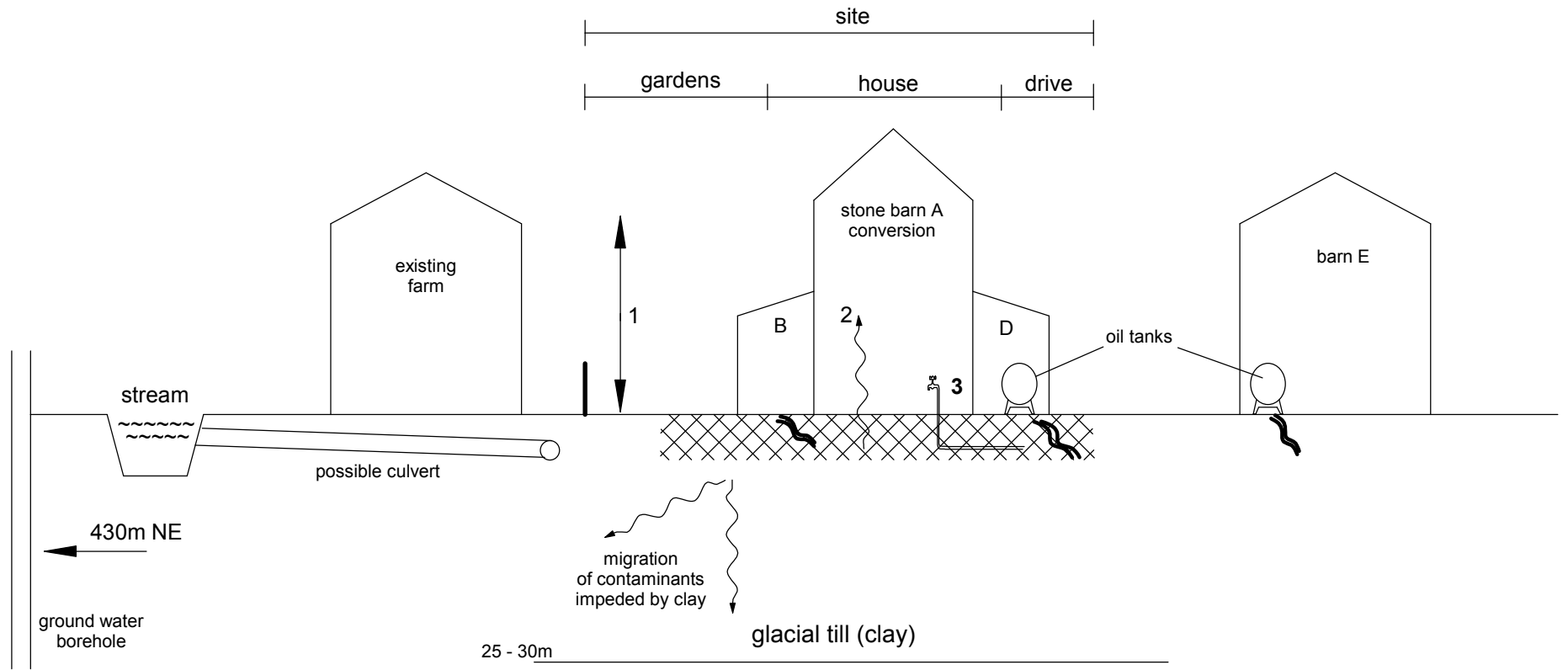
Conceptual Model based on PRA

Not to Scale

WORMS EYE

52 Bank Parade
Burnley, BB11 1TS

01282 414 649



Sherwood sandstone (principal aquifer)

Zone 3 - source protection zone

1. Direct contact / ingestion /from home grown vegetables/ inhalation and ingestion of dust.
2. Inhalation of vapours.
3. Contaminants entering water pipes.