

1895	1:10,560	<p>The site remains the same as the previous historical map.</p> <p>The surrounding area illustrates a number of works, mills and factories approximately 100-150m south east including a gas works and a foundry approximately 50m south west of the site boundary. South east 250-500m illustrates the small town of Longridge being developed. There are a number of schools and churches. There is a police station south west, bobbin works and stone bridge mill adjacent to a railway line running south east approximately 500m from site. Towards the east approximately 500m is Victoria Mill and 700-800m is Lords Quarry.</p>
1913-1914	1:10,560	<p>The site remains the same as the previous historical map.</p> <p>The surrounding area towards the west of the site boundary approximately 100m is Poplar Foundry (Iron and Brass) and Belmont Foundry approximately 500m. Towards the southern edge of the site 100m is Pitt Street Mill. The surrounding area illustrates minor changes showing slight development of residential dwellings in the nearby town of Longridge. 500m South east illustrates two small reservoir adjacent to Victoria Cotton Mill.</p>
1932	1:10,560	<p>The site remains the same as the previous historical map.</p> <p>The surrounding area remains predominantly unchanged illustrating increasing density of Longridge town and residential dwelling towards the south of the site.</p>
1956	1:10,000	<p>The site and surrounding area remain predominantly unchanged.</p>
1968	1:10,000	<p>Western tiles illustrated only. No significant changes to the site or surrounding area.</p>
1970	1:10,000	<p>Eastern tiles illustrated only. No significant changes made to site.</p> <p>The surrounding area illustrates increase in residential buildings and Longridge town is now expanding. The railway running adjacent to the mills and factories towards the south east has now been dismantled.</p>
1976	1:10,000	<p>No tiles illustrated on map.</p>
1994	1:10,000	<p>The site remains the same as the previous historical map.</p> <p>The brass and iron foundries towards the west of the site boundary approximately 500m have now been demolished and there are now a number of farmhouses, cottages and a home for the aged. Towards the south west approximately 500m is a large pond with a number of small buildings bounding the southern side adjacent to Halfpenny Lane labelled as a substation.</p> <p>The gas works and mills to the south of the site approximately 500m appear to have been demolished. There are now a number of schools around the area and residential housing. However there are still a number of works surround the site approximately 800m south and 500m towards the east side of the site boundary.</p>

2001	1:10,000	The site remains the same as the previous historical map. The surrounding area illustrates little changes. Adjacent to the site on the eastern boundary is a large superstore. Adjacent to the north east corner of the site is a cricket ground and associated Pavilion building.
2006	1:10,000	The site and surrounding area remain predominantly unchanged from the previous historical map.
2013	1:10,000	The site and surrounding area remains the same as the previous historical map.

2.4 Geographical and Special Features

No geographical and/or special features are recorded that could potentially affect redevelopment.

2.5 Geology

A study of the Envirocheck records and British Geological Survey (BGS) 1:50,000 mapping records (Bedrock and Superficial Editions) for Garstang (Sheet 067) indicates the following geological succession underlying the site.

Rock Name	Rock Type	Geological Age
Till, Devensian	Diamicton	Devensian - Devensian
Bowland Shale Formation	Mudstone and Siltstone	Yeadonian - Yeadonian

There are three fault lines within 1000m of the site.

There are no BGS boreholes located within close proximity to the site.

The Envirocheck Report confirms that there is a low risk to no hazard from the following ground stability hazards on and around the site; running sands, shrinking or swelling clay, collapsible ground, landslides and ground dissolution, however, there is a high risk potential for compressible ground stability hazards.

Both the Radon Atlas for England and Wales, and the Envirocheck Report confirm that the site is in an intermediate probability radon area, as between 1 and 3% of homes are above the action level, however no radon protective measures are deemed necessary in the construction of new dwellings or extensions.

2.5.1 Mining

There are five BGS Recorded Mineral Sites located within 1000m of the site of interest. The closest is located 403m North West.

The Envirocheck report confirms that the site is within an area which is highly unlikely to be affected by coal mining activity. The site lies outside a coal mining referral area, and as such, a Coal Authority report has not been obtained.

2.6 Hydrogeology and Hydrology

The 1:100,000 Sheet 10 Central Lancashire Vulnerability Map indicates that the site, corresponding with the underlying superficial deposits are comprised of Devensian till which is an unproductive Strata and the northern corner of the site is underlain by a Secondary A Aquifer. The underlying solid geology comprises of Mudstones and Siltstones acting as a Secondary A Aquifer.

Unproductive strata are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow.

Secondary A Aquifer - Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers.

Soils present on the site are of Low Leaching Potential - Soils in which pollutants are unlikely to penetrate the soil layer because water movement is largely horizontal or they have large ability to attenuate diffuse pollutants. Lateral flow from these soils contribute to groundwater recharge elsewhere in the catchment.

The site is not situated within a Source Protection Zone (SPZ).

The nearest surface water feature is a tertiary river (Higgin Brook) located on the south side of the site boundary.

There is one surface water abstractions within 1000m of the site located 445m south east which is a field drain located in Lyndhurst, Longridge.

There are no potable water abstractions within 1000m of the site.

There are two groundwater abstractions within 1000m of the site, the nearest is located at Mill Farm borehole located 889m north west of the site.

There are no Pollution incidents, Discharge Consents, Local Authority Pollution Prevention and Controls permits arising from the site.

The site lies in Flood Zone 1 and is therefore at no risk from flooding.

2.7 Landfill

The Envirocheck report confirms that there are no BGS Recorded Landfill within 1000m of the site boundary.

There are no historical landfill recorded within 1000m of the site.

There are two recorded Registered Landfill site within 1000m of the site. The nearest is located 843m north west, the licence holder was William Pye Ltd at Lords Quarry, Longridge, the site is still in operation.

2.8 Public Utility Records

Public utility information has been obtained as a part of this report.

2.9 Preliminary Unexploded Ordnance (UXO) Risk Assessment

The site of interest is located in Longridge, Preston, Lancashire.

Risk mapping for UXOs has placed the site within a Low risk area.

Low-risk regions are those with a bombing density of up to 10 bombs per 1000 acres.

These areas are considered to have a significant but low UXB risk. In general, further action to mitigate the risk is considered prudent, although not essential. Care is required when assessing the risk for specific sites where the risk may be higher because of local wartime activity. Historical maps for the site and surrounding area do not show any evidence of bomb damage post WWII. There are no primary Luftwaffe target within 1000m of the site.

The site has been redeveloped since the end of WW2, increasing the likelihood of detecting any UXO items that may be present on-site.

In light of these findings and in accordance with CIRIA's publication on managing UXO risks, it is recommended that no further action is warranted to address the level of UXO risk at the Site.

2.10 Other Significant Features Potentially Affecting Re-Development

No other significant features are noted that could potentially affect re-development.

3.0 Conclusions

3.1 Conceptual Model

The following sub-sections present a non-exhaustive list of the possible sources, pathways and receptors that exist within the site conceptual model for the site.

Potential source-pathway-receptor linkages that may arise are discussed in the following section, the Qualitative Risk Assessment.

A Diagrammatic Conceptual Model is provided in Appendix A3.

3.1.1 Potential Sources

Potential Source (S1): Made-ground Soils On Site
Low Likelihood due to historical evidence of no developments on the site.
The nature and type of contamination may include, amongst others; ash and fill, hydrocarbons (e.g. fuel oils), heavy metals, herbicides / pesticides and asbestos.

Potential Source (S2): Made-ground Soils Off Site
Off-site soils have been exposed to patterns of development and demolition so there is potential for contamination to be present in made ground around the site. Taking into account the close proximity of the railway to the west of the site.
Potential contaminants could arise due to geological origin, construction activities, atmospheric deposition and land management. The nature and type of general contamination may include, amongst others; ash and fill, hydrocarbons (e.g. fuel oils), heavy metals and asbestos.

Potential Source (S3): Natural Soils On and Off Site
Regionally elevated levels of metals may be present within the shallow soils, however the superficial and bedrock deposits beneath the site and within the immediate surrounding area are not considered to present significant sources of natural contamination.

Potential Source (S4): Ground Gas Generating Sources
May be present due to made ground deposits surrounding the site from historical developments and land use.
There are no records of organic rich drift deposits (e.g. peat) or coal measures.

Potential Source (S6): Geological Deposits With Potential to Generate Radon

Both the Radon Atlas for England and Wales, and the Envirocheck Report confirm that the site is in an intermediate probability radon area, as between 1 and 3% of homes are above the action level, however no radon protective measures are deemed necessary in the construction of new dwellings or extensions.

Potential Source (S6): Unexploded Ordnance

Risk mapping for UXOs has placed the site within a Low risk area. The historical maps for the site and surrounding area show no bomb damage post WWII and there were no primary targets located within 1000m of the site.

It should be taken into consideration that the site and surrounding area has undergone several stages of redevelopment since this time, lowering the risk of UXO on site.

Potential Source (S7): Mining Workings

No mining works are considered to affect the site.

3.1.2 Potential Pathways

Potential Pathway (P1): Direct Contact, Ingestion and Inhalation (dust and vapours)

May occur where the end user is exposed to; solid, dust or volatile components of made-ground soils on site.

Potential Pathway (P2): Vertical Migration

May occur within the made-ground deposits on-site both upwards, due to processes including; capillary action, burrowing animals inducing soil mixing, and downwards into the natural deposits due to processes including; infiltration and burrowing animals. Includes ground gas migration.

Soils of negligible leaching potential are found onsite.

Potential Pathway (P3): Horizontal Migration

May occur within the made-ground or natural deposits due to processes including; the influence of perched or natural groundwater flow patterns and natural or man-made high permeability zones, e.g. sand lenses or drainage runs or pores/voids within natural and made-ground soils for ground gases.

Potential Pathway (P4): Collapse

Unlikely on this site.

3.1.3 Potential Receptors

Potential Receptor (R1): End Users

Residents, visitors, site maintenance staff and the general public.

Potential Receptor (R2): Controlled Waters (Groundwater)

Corresponding with the underlying solid geology, the site is underlain by a Secondary A Aquifer.

The site is not situated within a Source Protection Zone (SPZ).

There is one groundwater abstraction within 1000m of the site, which is Mill Farm borehole located 917m north east of the site.

Potential Receptor (R3): Controlled Waters (Surface Waters)

The nearest surface water feature is Higgin brook (Tertiary River) located on site towards the eastern boundary.

There is one surface water abstractions within 1000m of the site located 446m south east which is a field drain located in Lyndhurst, Longridge.

There are no potable water abstractions within 1000m of the site.

Potential Receptor (R4): Construction Workers

Whilst unlikely, during the development of the site, construction workers may come into contact with any contamination that is on site. However, wearing the correct personal protective equipment will reduce the risk.

Potential Receptor (R5): Construction Materials

Buried concrete and water supply pipes.

Potential Receptor (R6): Local Ecology

Protected species and local habitats; e.g. hedgerow, grassland and water.

3.2 Qualitative Risk Assessment

The qualitative risk assessment details both the source-pathway-receptor linkages and associate level of risk that have been identified for the site.

The rationale for the qualitative risk assessment is described within Appendix A4 and a tabulated summary provided in Table A4.1.

The term 'risk' in this instance refers to the risk that the source, pathway, receptor linkage for a given source of contamination is complete. Unless specifically noted it does not necessarily refer to an immediate risk to individuals or features present on the site from potential contaminants and is intended to be used as a tool to assess the necessity of further investigation.

3.2.1 End User

Assessment of Risk to End Users from Made-Ground Soils On-Site	
Potential Source	S1: Made-ground soils on site
<i>Likelihood of Occurrence</i>	<i>Low Likelihood, due to no historical evidence of development on the site.</i>
Potential Pathway	P1: Direct contact, Ingestion and Inhalation
<i>Details</i>	<i>Recreational grounds, landscaped areas and internal airspaces.</i>
Potential Receptor	R1: End users
<i>Consequence (Potential Severity)</i>	<i>Medium due to human health effects (chronic and acute) for a sensitive receptor (Residents, visitors, site management staff and general public).</i>
Risk	Moderate/Low
<i>Recommendation</i>	<i>Environmental sampling of site shallow soils to confirm quality and composition.</i>

Assessment of Risk to End Users from Made-Ground Soils Off-Site	
Potential Source	S2: Made-ground soils off site
<i>Likelihood of Occurrence</i>	<i>Likely, due to historical evidence of development and demolition off-site, and given the age of the developments, it is possible that some asbestos may have been present on the site, but it should only remain if demolition activity was poorly managed.</i> <i>Potential contaminants could arise due to geological origin, construction activities, atmospheric deposition and land management. The nature and type of general contamination may include, amongst others; ash and fill, hydrocarbons (e.g. fuel oils), heavy metals and asbestos.</i>
Potential Pathway	P3 & P1: Horizontal migration then direct contact, ingestion and/or inhalation
<i>Details</i>	<i>Recreational grounds, landscaped areas and internal airspaces.</i>
Potential Receptor	R1: End users
<i>Consequence (Potential Severity)</i>	<i>Medium due to human health effects (chronic and acute) for a sensitive receptor (Residents, visitors, site management staff and general public).</i>
Risk	Moderate
<i>Recommendation</i>	<i>Environmental sampling of site shallow soils to confirm quality.</i>

Assessment of Risk to End Users from Natural Soils On and Off Site	
Potential Source	S3: Natural soils on and off site
<i>Likelihood of Occurrence</i>	<i>Low likelihood, due to the nature of the site geology but accounting for contamination of natural soils by on-site and surrounding sources.</i>
Potential Pathway	P1 & P3: Direct contact, ingestion and inhalation and horizontal migration
<i>Details</i>	<i>Either horizontal migration from off site or on-site presence; private gardens, home-grown produce, landscaped areas and internal airspaces.</i>
Potential Receptor	R1: End users
<i>Consequence (Potential Severity)</i>	<i>Medium due to human health effects (chronic and acute) for a sensitive receptor (Residents, visitors, site management staff and general public).</i>
Risk	Moderate/Low
<i>Recommendation</i>	<i>Environmental sampling of site natural soils to confirm quality.</i>

Assessment of Risk to End Users from Ground Gas Generating Sources	
Potential Source	S4: Ground gas generation sources (e.g. landfills or made-ground)
<i>Likelihood of Occurrence</i>	<i>Low Likelihood, however taking into account made ground deposits across the site from historical developments and land use. There are four BGS Recorded Landfill within 1000m of the site boundary. There are no historical landfill recorded within 1000m of the site. There are two recorded Registered Landfill site within 1000m of the site. There are no records of organic rich drift deposits (e.g. peat) or coal measures.</i>
Potential Pathway	P2 & P3: Vertical and horizontal migration
<i>Details</i>	<i>Direct gassing of on-site soils or migration along natural low permeability horizons within superficial or bedrock deposits.</i>
Potential Receptor	R1: End users
<i>Consequence (Potential Severity)</i>	<i>Severe due to human health effects (explosive, toxic and asphyxiate gases) for all receptors.</i>
Risk	High/Moderate
<i>Recommendation</i>	<i>Ground gas monitoring</i>

Assessment of Risk to End Users from Radon	
Potential Source	S5: Geological deposits with potential to generate radon
Likelihood of Occurrence	<p>Unlikely as both the Radon Atlas for England and Wales, and the Envirocheck Report confirm that the site is in an intermediate probability radon area, as between 1 and 3% of homes are above the action level, however no radon protective measures are deemed necessary in the construction of new dwellings or extensions.</p> <p>No radon protective measures are necessary in the construction of new dwellings or extensions.</p>
Potential Pathway	P2 & P3: Vertical and horizontal migration
Details	Direct gassing of on-site soils or migration along natural low permeability horizons within superficial or bedrock deposits.
Potential Receptor	R1: End users
Consequence (Potential Severity)	Medium due to human health effects (chronic and acute) for a sensitive receptor (Residents, visitors, site management staff and general public).
Risk	Low
Recommendation	No action required

Assessment of Risk to End Users from Unexploded Ordnance (UXO)	
Potential Source	S6: Unexploded Ordnance
Likelihood of Occurrence	<p>Unlikely as the historical maps for the sites show no primary targets within close proximity of the site and no ruins within close proximity of the site.</p> <p>The surrounding area shows no bomb damage post WWII, taking into consideration that the site and surrounding area has undergone several stages of redevelopment since this time, lowering the risk of UXO on site, as the likelihood of the bombs already being exploded would increase with this kind of activity.</p>
Potential Pathway	P1: Direct contact
Details	All groundwork activities.
Potential Receptor	R1: End Users
Consequence (Potential Severity)	Severe due to human health effects (explosive) for receptor.

Risk	Moderate / Low
<i>Recommendation</i>	<i>No Detailed UXO Report required for the site.</i>

3.2.2 Groundwater

Assessment of Risk to Groundwater from Made-Ground Soils On-Site	
Potential Source	S1: Made-ground soils on site
<i>Likelihood of Occurrence</i>	<i>Likely, due to historical evidence of development on both sites.</i>
Potential Pathway	P2: Vertical migration
<i>Details</i>	<i>Leaching or percolation of potential contaminants.</i>
Potential Receptor	R2: Controlled waters (Groundwater)
<i>Consequence (Potential Severity)</i>	<i>Medium as the site is underlain by a Secondary A Aquifer. There is one groundwater abstraction within 1000m of the site, which is Mill Farm borehole located 917m north east of the site. The site is not situated within a Source Protection Zone (SPZ).</i>
Risk	Moderate
<i>Recommendation</i>	<i>Environmental sampling of site shallow soils and groundwater to confirm quality.</i>

3.2.3 Surface Water

Assessment of Risk to Surface Water from Made-Ground Soils On-Site	
Potential Source	S1: Made-ground soils on site
<i>Likelihood of Occurrence</i>	<i>Low Likelihood, due to historical evidence of no development on the site. The nearest surface water feature is Higgin brook (Tertiary River) located on site towards the eastern boundary. There is one surface water abstractions within 1000m of the site located 446m south east which is a field drain located in Lyndhurst, Longridge.</i>
Potential Pathway	P3: Horizontal migration
<i>Details</i>	<i>Leaching or percolation of potential contaminants.</i>
Potential Receptor	R3: Controlled waters (Surface Waters)
<i>Consequence (Potential Severity)</i>	<i>Medium due to anticipated sensitivity/grade of the closest surface water feature.</i>
Risk	Moderate

Recommendation	<i>Environmental sampling of site shallow soils to confirm quality.</i>
-----------------------	---

3.2.4 Construction Workers

Assessment of Risk to Construction Workers from Made-Ground & Natural Soils On and Off Site	
Potential Source	S1 & S2 & S3: Made-ground & natural soils on and off site
Likelihood of Occurrence	<p><i>Made Ground</i></p> <p><i>On-site: Low Likelihood as discussed previously.</i></p> <p><i>Off-site: Likely as discussed previously.</i></p> <p><i>Natural</i></p> <p><i>On-site: Unlikely as discussed previously.</i></p> <p><i>Off-site: Unlikely as discussed previously.</i></p>
Potential Pathway	P1: Direct contact, ingestion and inhalation
Details	<i>Groundwork and landscaping activities.</i>
Potential Receptor	R4: Construction workers
Consequence (Potential Severity)	<i>Minor due to correct use of personal protective equipment (PPE).</i>
Risk	Negligible
Recommendation	<i>Environmental sampling of site shallow soils and groundwater to confirm quality.</i>

Assessment of Risk to Construction Workers from Unexploded Ordnance (UXO)	
Potential Source	S6: Unexploded Ordnance
Likelihood of Occurrence	<i>Unlikely of being present on-site due to lack of primary targets within close proximity of the site and no ruins within close proximity of the site.</i>
Potential Pathway	P1: Direct contact
Details	<i>All groundwork activities.</i>
Potential Receptor	R4: End Users
Consequence (Potential Severity)	<i>Severe due to human health effects (explosive) for receptor.</i>
Risk	Moderate / Low
Recommendation	<i>No Detailed UXO Report required for this site.</i>

3.2.5 Construction Materials

Assessment of Risk to Construction Materials from Made-Ground Soils On Site	
Potential Source	S1: Made-ground soils on site
<i>Likelihood of Occurrence</i>	<i>Low Likelihood, due to no historical evidence of development the site.</i>
Potential Pathway	P1: Direct contact
<i>Details</i>	<i>Soil pore water chemistry inducing chemical degradation/fouling.</i>
Potential Receptor	R5: Construction materials
<i>Consequence (Potential Severity)</i>	<i>Mild due to reduced performance of construction materials and human health affects (water supply contamination).</i>
Risk	Low
<i>Recommendation</i>	<i>Environmental sampling of site shallow soils to confirm quality.</i>

3.2.6 Local Ecology

Assessment of Risk to Local Ecology from Made-Ground Soils On Site	
Potential Source	S1: Made-ground soils on site
<i>Likelihood of Occurrence</i>	<i>Low Likelihood, due to the historic evidence of development on both sites, and industry within close proximity to the site boundary.</i>
Potential Pathway	P1 & P3: Direct contact, ingestion and inhalation & horizontal migration
<i>Details</i>	<i>Protected species within on-site and local habitats; e.g. woodland, hedgerow, grassland and water.</i>
Potential Receptor	R6: Local ecology
<i>Consequence (Potential Severity)</i>	<i>Minor (no known sensitive ecology on site).</i>
Risk	Negligible
<i>Recommendation</i>	<i>Advice of an ecologist obtained with respect to any requirements.</i>

3.2.7 Recommendations

The qualitative risk assessment determined an overall **Negligible to Moderate** level of risk from potential contaminants. The risk to the end user from ground gases is determined to be **High/Moderate**.

Consequently it is recommended that an intrusive investigation is undertaken to confirm the conceptual model or otherwise.

Environmental soil samples for chemical analysis should be obtained to determine if any contamination of the shallow soils and natural ground is present on site. Geotechnical samples should also be obtained in support of the design of foundations and roads.

In addition, the intrusive investigation will allow for the monitoring and sampling of groundwater / gas at the borehole locations.

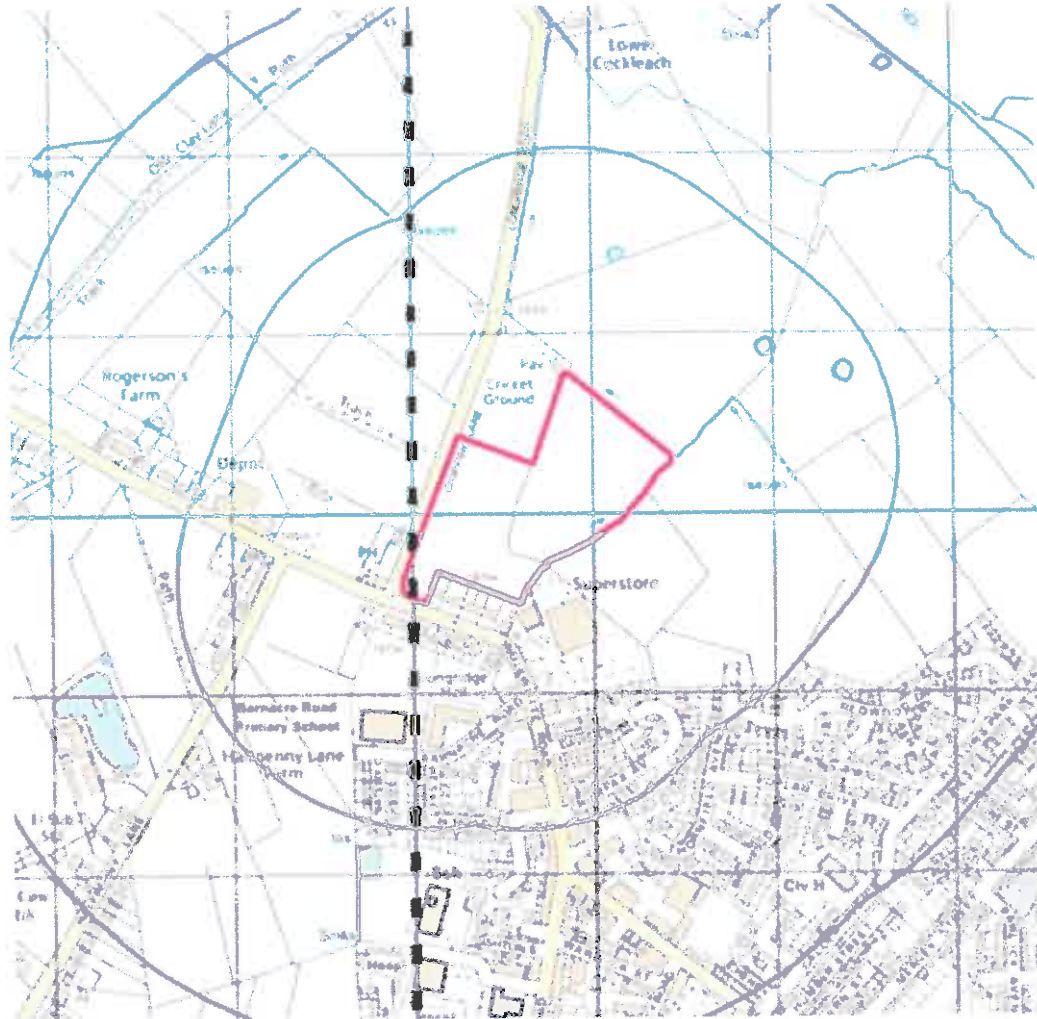
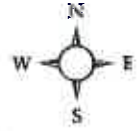
EB1355/GL/3692 Bowland Meadows, Land East of Chipping Lane, Longridge

Phase 1 Detailed Desk Top Study



Appendix A1 – Site Location Plan

Site Location Plan



Crown copyright. Licence Number 100020245

Key

Approximate site boundary

Project	Job Reference	Author
Boland Meadow, Higgin Brook	EB1355	GL
Drawing Title	Date	Checked
Site Location Plan	28.03.2014	AW



10 Oxford Court,
Bishopgate,
Manchester
M2 3WQ

Tel: 0161 236 2394

EB1355/GL/3692 Bowland Meadows, Land East of Chipping Lane, Longridge

Phase 1 Detailed Desk Top Study



Appendix A2 – Envirocheck Report

Envirocheck[®] Report: Datasheet

Order Details:

Order Number:

55312619_1_1

Customer Reference:

EB1355

National Grid Reference:

360190, 438070

Slice:

A

Site Area (Ha):

7.22

Search Buffer (m):

1000

Site Details:

Site at 360130, 438020

Client Details:

Ms G Lownsbrough
Curtins Consulting Ltd
10 Oxford Court
Bishopsgate
Manchester
M2 3WQ

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	15
Hazardous Substances	-
Geological	18
Industrial Land Use	41
Sensitive Land Use	46
Data Currency	47
Data Suppliers	52
Useful Contacts	53

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 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.

Copyright Notice

© Landmark Information Group Limited 2014. The Copyright on the information and data and its format as contained in this Envirocheck® Report ("Report") is the property of Landmark Information Group Limited ("Landmark") and several other Data Providers, including (but not limited to) Ordnance Survey, British Geological Survey, the Environment Agency and Natural England, and must not be reproduced in whole or in part by photocopying or any other method. The Report is supplied under Landmark's Terms and Conditions accepted by the Customer. A copy of Landmark's Terms and Conditions can be found with the Index Map for this report. Additional copies of the Report may be obtained from Landmark, subject to Landmark's charges in force from time to time. The Copyright, design rights and any other intellectual rights shall remain the exclusive property of Landmark and /or other Data providers, whose Copyright material has been included in this Report.

Natural England Copyright Notice

Site of Special Scientific Interest, National Nature Reserve, Ramsar, Special Protection Area, Special Conservation Area, Marine Nature Reserve data (derived from Ordnance Survey 1:10000 raster) is provided by, and used with the permission of, Natural England who retain the copyright and Intellectual Property Rights for the data.

Ove Arup Copyright Notice

The Data provided in this report was obtained on Licence from Ove Arup & Partners Limited (for further information, contact mining.review@arup.com). No reproduction or further use of such Data is to be made without the prior written consent of Ove Arup & Partners Limited. The information and data supplied in the product are derived from publicly available records and other third party sources and neither Ove Arup & Partners nor Landmark warrant the accuracy or completeness of such information or data.

Peter Brett Associates Copyright Notice

The cavity data presented has been extracted from the PBA enhanced version of the original DEFRA national cavity databases. PBA/DEFRA retain the copyright & intellectual property rights in the data. Whilst all reasonable efforts are made to check that the information contained in the cavity databases is accurate we do not warrant that the data is complete or error free. The information is based upon our own researches and those collated from a number of external sources and is continually being augmented and updated by PBA. In no event shall PBA/DEFRA or Landmark be liable for any loss or damage including, without limitation, indirect or consequential loss or damage arising from the use of this data.

Radon Potential dataset Copyright Notice

Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England.

Report Version v47.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1			6	10
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control	pg 5				1
Local Authority Pollution Prevention and Controls	pg 5			3	3
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 5	Yes			
Pollution Incidents to Controlled Waters	pg 6	2	3	5	13
Prosecutions Relating to Authorised Processes					
Prosecutions Relating to Controlled Waters					
Registered Radioactive Substances					
River Quality	pg 9			1	
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 10				1
Water Abstractions	pg 10			1	2
Water Industry Act Referrals					
Groundwater Vulnerability	pg 10	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 10	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 11	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				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
Detailed River Network Lines	pg 11	Yes	Yes	Yes	n/a
Detailed River Network Offline Drainage	pg 14		Yes		n/a

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 15				2
Licensed Waste Management Facilities (Locations)	pg 15				1
Local Authority Recorded Landfill Sites					
Registered Landfill Sites	pg 15				4
Registered Waste Transfer Sites	pg 17				1
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					
Geological					
BGS 1:625,000 Solid Geology	pg 18	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 18	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 37			1	4
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
Brine Compensation Area			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	pg 38	Yes		n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 38	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 39	Yes	Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 39	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 39	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 40	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 40	Yes		n/a	n/a
Radon Potential - Radon Affected Areas	pg 40	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Industrial Land Use					
Contemporary Trade Directory Entries	pg 41		6	20	26
Fuel Station Entries	pg 45		1	1	1
Sensitive Land Use					
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	pg 46		1		
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents Operator: Fred Wareing Property Type: Domestic Property (Single) Location: Norwood Inglewhite Road, Longridge, Near Preston, Lancashire, Pr3 2db Authority: Environment Agency, North West Region Catchment Area: Loud Reference: 01488 Permit Version: 1 Effective Date: 3rd October 1956 Issued Date: 3rd October 1956 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Higgin Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A12NE (W)	439	1	359577 438077
2	Discharge Consents Operator: United Utilities Water Plc Property Type: Water Treatment Works Location: Dilworth Wtp Dilworth, Longridge, Preston, Lancashire Authority: Environment Agency, North West Region Catchment Area: Loud Reference: 017190879 Permit Version: 2 Effective Date: 15th May 2008 Issued Date: 15th May 2008 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Process Effluent - Water Company (Wtw) Discharge: Freshwater Stream/River Environment: Receiving Water: Higgin Brook, Trib River Loud Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A14SW (E)	457	1	360830 438010
2	Discharge Consents Operator: United Utilities Water Plc Property Type: Water Treatment Works Location: Dilworth Wtp Dilworth, Longridge, Preston, Lancashire Authority: Environment Agency, North West Region Catchment Area: Loud Reference: 017190879 Permit Version: 1 Effective Date: 15th August 2005 Issued Date: 15th August 2005 Revocation Date: 14th May 2008 Discharge Type: Trade Discharges - Process Effluent - Water Company (Wtw) Discharge: Freshwater Stream/River Environment: Receiving Water: Higgin Brook, Trib River Loud Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A14SW (E)	457	1	360830 438010
3	Discharge Consents Operator: Frank & Marion Judith Holden Property Type: Domestic Property (Single) Location: Copperfield 46 Halfpenny Lane, Longridge, Preston, Lancashire, Pr3 2ea Authority: Environment Agency, North West Region Catchment Area: Brock Reference: 017290607 Permit Version: 1 Effective Date: 9th June 2005 Issued Date: 9th June 2005 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Blundell 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	A7NE (SW)	491	1	359670 437540

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Discharge Consents Operator: Ridgmont Care Homes Ltd Property Type: Domestic Property (Multiple) Location: Belmont Residential Home Inglewhite Rd, Longridge, Preston, Lancashire Authority: Environment Agency, North West Region Catchment Area: Upper Ribble Reference: 017190181 Permit Version: 1 Effective Date: 22nd October 1985 Issued Date: Not Supplied Revocation Date: 30th April 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Savick Brook Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A12SW (W)	495	1	359500 438000
4	Discharge Consents Operator: Mr G Higson Property Type: Not Given Location: Belmont Residential Care Home , Inglewhite Road , Longridge, PRESTON , Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 017290331-01 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Public Sewage: Tertiary Treatment Discharge: Freshwater Stream/River Environment: Receiving Water: Treated Sewage Effluent; Outlet To Watercourse; Tributary Blundel Brook Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A12SW (W)	544	1	359450 438000
5	Discharge Consents Operator: Mr William Whitwell And Mrs Margaret Pye Property Type: Domestic Property (Single) Location: Higher Cockleach Farm Chipping Road, Thornley, Longridge, Lancaster, PR3 2nb Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: Npswqd005155 Permit Version: 1 Effective Date: 24th October 2008 Issued Date: 24th October 2008 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Groundwaters Via Soakaway 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	A18NW (N)	496	1	360171 438770
6	Discharge Consents Operator: Ridgmont Care Homes Ltd Property Type: Domestic Property (Multiple) Location: Belmont Residential Home Inglewhite Rd, Longridge, Preston, Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 017290331 Permit Version: 1 Effective Date: 7th June 1996 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Blundel Brook Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A12SW (W)	543	1	359450 437995

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	Discharge Consents Operator: J M Bruton Esquire Property Type: Domestic Property (Single) Location: Broadfield Inglewhite Road, Longridge, Preston, Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 017190541 Permit Version: 1 Effective Date: 19th July 1995 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Blundell Brook Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A12SW (W)	592	1	359410 438050
8	Discharge Consents Operator: G.S. Porter Property Type: Domestic Property (Single) Location: Bungalow, 37 Halfpenny La, Longridge, Preston, Lancashire, Pr3 2ea Authority: Environment Agency, North West Region Catchment Area: Brock Reference: 011224 Permit Version: 1 Effective Date: 29th November 1962 Issued Date: 29th November 1962 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Blundell Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	595	1	359520 437550
9	Discharge Consents Operator: Orchard Homes Ltd Property Type: Domestic Property (Single) Location: Plot Adjacent To Rydal House, Whittingham Road, Longridge, Near Preston, Pr3 2ab Authority: Environment Agency, North West Region Catchment Area: Savick Brook Reference: 017290600 Permit Version: 1 Effective Date: 3rd May 2005 Issued Date: 3rd May 2005 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Blundell 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	A7SE (SW)	722	1	359640 437280
10	Discharge Consents Operator: David W Melling Property Type: Domestic Property (Single) Location: Copper Beeches, Whittingham Road, Longridge, Preston, Pr3 2ab Authority: Environment Agency, North West Region Catchment Area: Brock Reference: 017190918 Permit Version: 1 Effective Date: 18th September 2006 Issued Date: 18th September 2006 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Savick 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 100m	A8SW (S)	794	1	359900 437100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	<p>Discharge Consents</p> <p>Operator: Mr A J Davies Property Type: Domestic Property (Single) Location: Land Adj To Rydal House Whittingham Road, Longridge, Preston, Lancashire, Pr3 2ab Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 017290393 Permit Version: 1 Effective Date: 6th May 1999 Issued Date: 6th May 1999 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Highway Drain To Blundel 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 100m</p>	A7SE (SW)	810	1	359640 437180
12	<p>Discharge Consents</p> <p>Operator: Mr Anthony Jerome Dyson & Mrs Jaquellne Hines Property Type: Domestic Property (Single) Location: Whittingham Road, Longridge, Preston, Lancashire, Pr3 2ab Authority: Environment Agency, North West Region Catchment Area: Brock Reference: 017290569 Permit Version: 1 Effective Date: 21st March 2005 Issued Date: 21st March 2005 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Blundel 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 100m</p>	A7SW (SW)	864	1	359500 437200
13	<p>Discharge Consents</p> <p>Operator: United Utilities Water Plc Property Type: Water Treatment Works Location: Dilworth Wtp Dilworth, Longridge, Preston, Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 017160050 Permit Version: 1 Effective Date: 19th October 1979 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Trade Discharges - Process Effluent - Water Company (Wtw) Discharge: Freshwater Stream/River Environment: Receiving Water: Higgin Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m</p>	A15NW (E)	939	1	361350 438140
14	<p>Discharge Consents</p> <p>Operator: Mr. David Newby Property Type: Domestic Property (Single) Location: Willow Tree Barn, Ashley Lane, Goosnargh, Preston, Pr3 2ee Authority: Environment Agency, North West Region Catchment Area: Brock Reference: 017290898 Permit Version: 1 Effective Date: 10th March 2006 Issued Date: 10th March 2006 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Un-Named Trib Blundell 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>	A11NE (W)	943	1	359090 438210

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	Local Authority Integrated Pollution Prevention And Control Name: Jones Stroud Insulations Ltd Location: Queens Street, Longridge, Preston, Lancashire, PR3 3BS Authority: Ribble Valley Borough Council, Environmental Health Department Permit Reference: RVBC/PPC/2/05 Dated: 1st April 2004 Process Type: Other Activities Description: SG6 Surface treatment using organic solvents Status: Permit Issued Positional Accuracy: Manually positioned to the address or location	A3NW (S)	935	2	360003 436939
16	Local Authority Pollution Prevention and Controls Name: Booths Service Station Location: Berry Lane, Longridge, PRESTON, Lancashire, PR3 3NH Authority: Ribble Valley Borough Council, Environmental Health Department Permit Reference: RVBC/PPC/23 Dated: 31st July 2000 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Manually positioned to the address or location	A8NE (S)	324	2	360266 437550
16	Local Authority Pollution Prevention and Controls Name: Syd Brown & Sons Location: Berry Lane, Longridge, PRESTON, Lancashire, PR3 3NH Authority: Ribble Valley Borough Council, Environmental Health Department Permit Reference: Rvbc/Epa/17/96 Dated: 29th February 1996 Process Type: Local Authority Air Pollution Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the address or location	A8NE (S)	324	2	360266 437550
17	Local Authority Pollution Prevention and Controls Name: Longridge Dry Cleaners Location: 6 Townley Parade, Longridge, Preston, Pr3 3hu Authority: Ribble Valley Borough Council, Environmental Health Department Permit Reference: RVBC/PPC/53 Dated: 5th December 2006 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Manually positioned to the address or location	A8NE (S)	429	2	360388 437466
18	Local Authority Pollution Prevention and Controls Name: Bonds Of Longridge Location: Kestor Lane, Longridge, PRESTON, Lancashire, PR3 3AE Authority: Ribble Valley Borough Council, Environmental Health Department Permit Reference: RVBC/PPC/21 Dated: 31st July 2000 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Automatically positioned to the address	A8SW (S)	716	2	360145 437155
19	Local Authority Pollution Prevention and Controls Name: T D G Ltd Location: Daniel Platt Garage, Whittingham Road, Longridge, PRESTON, Lancashire, PR3 2AD Authority: Preston City Council, Environmental Health Department Permit Reference: Pn 24 Dated: 18th June 1996 Process Type: Local Authority Air Pollution Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Authorised Positional Accuracy: Manually positioned to the address or location	A8SW (S)	752	3	359896 437144
20	Local Authority Pollution Prevention and Controls Name: Jones Stroud Insulations Plc Location: Queen Street, Longridge, PRESTON, Lancashire, PR3 3BS Authority: Ribble Valley Borough Council, Environmental Health Department Permit Reference: PPC/02/05 Dated: 31st January 1994 Process Type: Local Authority Pollution Prevention and Control Description: PG6/10 Coating manufacturing Status: Transferred to LA/PPC Positional Accuracy: Manually positioned to the address or location	A3NW (S)	965	2	359960 436914
	Nearest Surface Water Feature	A13SW (S)	0	-	360148 437943

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Higgins Bk Near , LONGRIDGE Authority: Environment Agency, North West Region Pollutant: Chemicals - Paints / Dyes Note: Higgin Bk; Poss Paint Incident Date: 18th June 1997 Incident Reference: 97340065 Catchment Area: Hodder Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	0	1	360100 437895
21	Pollution Incidents to Controlled Waters Property Type: Office Location: Higgin Brook Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Not Supplied Incident Date: Not Supplied Incident Reference: CE980843 Catchment Area: Hodder Receiving Water: Freshwater Stream/River Cause of Incident: Land Runoff Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	0	1	360105 437895
21	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Lancashire Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Higgin Bk; Light Oil Incident Date: 10th May 1996 Incident Reference: 96340038 Catchment Area: Hodder Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	1	1	360100 437900
22	Pollution Incidents to Controlled Waters Property Type: Spillage; Accident - Static Site Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Organic Wastes: Milk Note: Higgin Brook Incident Date: 8th November 1993 Incident Reference: 93340102 Catchment Area: Hodder Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A13SW (S)	80	1	360200 437800
23	Pollution Incidents to Controlled Waters Property Type: Farm Drainage Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Organic Wastes: Silage Liquor Note: Higgin Brook Incident Date: 6th August 1994 Incident Reference: 94340119 Catchment Area: Hodder Receiving Water: Not Given Cause of Incident: Leaking Silo Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SW (N)	225	1	360200 438500
24	Pollution Incidents to Controlled Waters Property Type: Farm Drainage Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Organic Wastes: Pig Slurry Note: Higgin Brook Catchment Incident Date: 10th November 1991 Incident Reference: 91340110 Catchment Area: Hodder Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SE (W)	289	1	359700 437900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Construction: Construction Of Buildings Location: Lower Cockleach Farm Authority: Environment Agency, North West Region Pollutant: Organic Chemicals : Red Gas Oil Note: Not Supplied Incident Date: 30th January 1999 Incident Reference: 1921 Catchment Area: Higgin Brook Receiving Water: River Stretch (Freshwater) Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A18SW (N)	319	1	360200 438595
25	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Chipping Lane, LONGRIDGE Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Urban Runoff Note: Not Supplied Incident Date: 14th July 1998 Incident Reference: CE980634 Catchment Area: Ribble - Non-Tidal Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A18SW (N)	324	1	360200 438600
26	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Industrial Effluent Note: Higgin Brook; Milk Waste Incident Date: 17th September 1993 Incident Reference: 83340084 Catchment Area: Hodder Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m</p>	A18SW (N)	345	1	360100 438600
27	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Animal Waste/Slurry Note: Not Supplied Incident Date: 21st November 1991 Incident Reference: 91310203 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>	A12SE (W)	396	1	359800 438000
28	<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: Pig Slurry Note: Tributary Blundells Bk Incident Date: 23rd June 1992 Incident Reference: 82310110 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</p>	A7NE (SW)	501	1	359600 437600
28	<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: 22nd June 1992 Incident Reference: 92310106 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>	A7NE (SW)	504	1	359600 437695

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Private Sewage: Sewage Works And Septic Tanks Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Sewage - Septic Tank Effluent Note: Tributary Blundell Brk Incident Date: 11th August 1993 Incident Reference: 93310109 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</p>	A7NE (SW)	568	1	359600 437500
30	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Private Sewage: Sewage Works And Septic Tanks Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Sewage - Septic Tank Effluent Note: Blundel Brook Incident Date: 30th January 1995 Incident Reference: 95310010 Catchment Area: Wyre Receiving Water: Not Given Cause of Incident: Deliberate Disposal To Drain Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A7NW (SW)	710	1	359500 437400
31	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Fam Drainage Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Organic Wastes: Cattle slurry Note: Savick Brook Incident Date: 18th February 1994 Incident Reference: 94410020 Catchment Area: Ribble - Tidal Receiving Water: Not Given Cause of Incident: Land Runoff Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m</p>	A12NW (W)	779	1	359300 438300
32	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Private Sewage: Sewage Works And Septic Tanks Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Sewage - Septic Tank Effluent Note: Blundel Brook Incident Date: 25th October 1994 Incident Reference: 94310129 Catchment Area: Wyre Receiving Water: Not Given Cause of Incident: Deliberate Disposal To Drain Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A7SW (SW)	851	1	359400 437300
32	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Private Sewage: Sewage Works And Septic Tanks Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Sewage - Septic Tank Effluent Note: Blundel Brook Incident Date: 23rd March 1995 Incident Reference: 95310038 Catchment Area: Wyre Receiving Water: Not Given Cause of Incident: Deliberate Disposal To Drain Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A7SW (SW)	855	1	359400 437295
33	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Lancashire Authority: Environment Agency, North West Region Pollutant: Unknown Note: None Affected; Petrol To Drains Incident Date: 7th November 1996 Incident Reference: 96340091 Catchment Area: Hodder Receiving Water: Not Given Cause of Incident: Road Traffic Accident Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A3NW (S)	873	1	360001 437001

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	Pollution Incidents to Controlled Waters Property Type: Connection To Surface Drains Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Crude Sewage Note: Savick Brook Incident Date: 8th March 1994 Incident Reference: 94410033 Catchment Area: Ribble - Tidal Receiving Water: Not Given Cause of Incident: Wrong Connection Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A3NW (S)	891	1	359900 437000
35	Pollution Incidents to Controlled Waters Property Type: Domestic & Residential: Private Dwellings Location: Longridge, LONGRIDGE, Lancashire Authority: Environment Agency, North West Region Pollutant: Sewage - Septic Tank Effluent Note: Not Supplied Incident Date: 12th August 1999 Incident Reference: 31556 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unauthorised Activity : Unconsented Discharge Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A2NE (S)	918	1	359800 437000
36	Pollution Incidents to Controlled Waters Property Type: Boats/Ships Location: Lancashire Authority: Environment Agency, North West Region Pollutant: Unknown Note: None Found Incident Date: 24th May 1994 Incident Reference: 94410079 Catchment Area: Ribble - Tidal Receiving Water: Canal Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A2NE (SW)	954	1	359700 437000
37	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Lancashire Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Higgin Bk; Soil Incident Date: 17th December 1996 Incident Reference: 96340101 Catchment Area: Hodder Receiving Water: Not Given Cause of Incident: Land Runoff Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A3NE (S)	975	1	360300 436900
38	Pollution Incidents to Controlled Waters Property Type: Farm Drainage Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Organic Wastes: Poultry Manure (solid) Note: Tributary Savick Brook Incident Date: 11th December 1991 Incident Reference: 91320263 Catchment Area: Ribble - Tidal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A2NE (SW)	991	1	359600 437000
	River Quality Name: Higgin Bk GQA Grade: River Quality D Reach: Qsl At Cockleach To Loud Estimated Distance (km): .9 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A18SW (N)	393	1	360036 438627

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
39	Substantiated Pollution Incident Register Authority: Environment Agency - North West Region, North Area Incident Date: 3rd March 2008 Incident Reference: 568402 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Inert : Construction / Demolition Material	A12NE (W)	521	1	359582 438309
40	Water Abstractions Operator: Martin Carefoot Licence Number: 2672409010 Permit Version: Not Supplied Location: Lyndhurst, LONGRIDGE Authority: Environment Agency, North West Region Abstraction: Not Supplied Abstraction Type: Not Supplied Source: Unknown Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Unnamed Watercourse (Field Drains) 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	A7NE (SW)	445	1	359600 437700
41	Water Abstractions Operator: Singletons Dairy Ltd Licence Number: Nw/071/0348/002 Permit Version: 1 Location: Mill Farm Borehole Authority: Environment Agency, North West Region Abstraction: Dairies: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Mill Farm, Preston Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 27th June 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3NW (S)	889	1	360176 436984
42	Water Abstractions Operator: Singletons Dairy Ltd Licence Number: 2671348013 Permit Version: 100 Location: Borehole At Mill Farm, Preston Road, Longridge 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: Groundwater Daily Rate (m3): 327 Yearly Rate (m3): 119469 Details: Land & Premises At Mill Farm Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 15th August 1989 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A3NW (S)	973	1	360200 436900
	Groundwater Vulnerability Soil Classification: Soils of Low Leaching Potential - Soils in which pollutants are unlikely to penetrate the soil layer because water movement is largely horizontal or they have large ability to attenuate diffuse pollutants. Lateral flow from these soils contribute to groundwater recharge elsewhere in the catchment Map Sheet: Sheet 10 Central Lancashire Scale: 1:100,000	A13SW (W)	0	1	360193 438069
	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	A13SW (W)	0	1	360193 438069
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SW (W)	0	4	360193 438069

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SW (W)	0	4	360001 438069
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NW (N)	0	4	360179 438154
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	A13SW (W)	0	4	360001 438069
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	A13SW (W)	0	4	360193 438089
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
43	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13SE (E)	0	1	360289 438064
44	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13NW (N)	0	1	360174 438159
45	Detailed River Network Lines River Type: Tertiary River River Name: Higgin Brook Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13SE (SE)	0	1	360254 438014

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
46	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13NE (NE)	0	1	360233 438111
47	Detailed River Network Lines River Type: Tertiary River River Name: Higgin Brook Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13NW (NW)	0	1	360106 438235
48	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13NE (NE)	153	1	360415 438384
49	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A18SE (N)	176	1	360232 438451
50	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A18SE (N)	201	1	360299 438460
51	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A18SW (N)	235	1	360189 438509

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
52	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A14NW (NE)	250	1	360574 438392
53	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A14NW (NE)	250	1	360574 438392
54	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A18SW (N)	272	1	360163 438543
55	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A18SE (NE)	305	1	360387 438536
56	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A19SW (NE)	327	1	360644 438432
57	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A19SW (NE)	327	1	360644 438432

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
58	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A18SW (NW)	333	1	359887 438489
59	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A18SW (N)	390	1	360091 438644
60	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D011	A13NW (NW)	119	1	360006 438305
61	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D011	A13NW (NW)	159	1	359977 438333

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
62	Licensed Waste Management Facilities (Landfill Boundaries) Name: Lords Delph Licence Number: 54034 Location: Land/premises At, Forty Acre Lane, Longridge, Preston, Lancashire, PR3 2TY Licence Holder: William Pye Ltd Authority: Environment Agency - North West Region, North Area Site Category: Landfills Taking Non-biodegradable Wastes (Not Construction) Max Input Rate: Not Supplied Licence Status: Issued Issued: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A14NE (E)	748	1	361162 438202
63	Licensed Waste Management Facilities (Landfill Boundaries) Name: Chapel Hill Quarry Licence Number: 54011 Location: Chapel Hill Quarry, Longridge, Preston, Lancashire, PR3 Licence Holder: United Utilities Water Ltd Authority: Environment Agency - North West Region, North Area Site Category: Landfills Taking Non-biodegradable Wastes (Not Construction) Max Input Rate: Not Supplied Licence Status: Issued Issued: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A3NE (S)	957	1	360413 436933
64	Licensed Waste Management Facilities (Locations) Licence Number: 54034 Location: Land/premises At, Forty Acre Lane, Longridge, Preston, Lancashire, PR3 2TY Operator Name: William Pye Ltd Operator Location: Not Supplied Authority: Environment Agency - North West Region, North Area Site Category: Landfills Taking Non-biodegradable Wastes (Not Construction) Licence Status: Issued Issued: 2nd June 1989 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 100m	A14NE (E)	694	1	361100 438100
	Local Authority Landfill Coverage Name: Ribble Valley Borough Council - Had landfill data but passed it to the relevant environment agency		0	2	360193 438069
	Local Authority Landfill Coverage Name: Lancashire County Council - Had landfill data but passed it to the relevant environment agency		0	8	360193 438069
	Local Authority Landfill Coverage Name: Preston Borough Council - Has no landfill data to supply		10	3	360054 438123
65	Registered Landfill Sites Licence Holder: William Pye Ltd Licence Reference: L 294 Site Location: Lords Quarry, Forty Acre Lane, Longridge, Preston, Lancashire, Pr3 2ty Licence Easting: 361250 Licence Northing: 438100 Operator Location: Shay Lane Industrial Estate, Longridge, PRESTON, Lancashire, PR3 3BT Authority: Environment Agency - North West Region, Central Area Site Category: Landfill Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: Some restriction on source of waste Restrictions: Status: Operational as far as is known Operational Dated: 1st April 1990 Preceded By: L 294 Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Calc.Carb.Peaty Silt Ex Water Treat. Calcium Carbonate Beads And Max.Waste Permitted By Licence Uncontam.Soil,Rock,Clay,Nat.Sand Excav Prohibited Waste: Asbestos In Any Form Waste In Demountables Waste N.O.S. Whether/Not Pre-Trt/Pack'	A15NW (E)	843	1	361250 438100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
65	<p>Registered Landfill Sites</p> <p>Licence Holder: William Pye Ltd Licence Reference: L 294 Site Location: Lords Quarry, Forty Acre Lane, Longridge, Preston, Lancashire, Pr3 2ty Licence Easting: 361250 Licence Northing: 438100 Operator Location: Shay Lane Ind Estate, Longridge, Preston, Lancashire Authority: Environment Agency - North West Region, Central Area Site Category: Landfill Max Input Rate: Undefined Waste Source: Some restriction on source of waste Restrictions: Status: Record supersededSuperseded Dated: 2nd June 1989 Preceded By: L 161 Licence: Superseded By: L 294 Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Calc.Carb.Peaty Silt Ex Water Treat. Calcium Carbonate Beads And Uncontam.Soil,Rock,Clay,Nat.Sand Excav Clinical Waste As In Doe Wmp 25 Prohibited Waste</p>	A15NW (E)	843	1	361250 438100
65	<p>Registered Landfill Sites</p> <p>Licence Holder: Bridgewater Estates Plc Licence Reference: L 161 Site Location: Lords Quarry At Forty Acre Lane, Thornton, Longridge, Preston, Lancashire Licence Easting: 361250 Licence Northing: 438100 Operator Location: Estate Office, Worsley, MANCHESTER, Greater Manchester, M28 4WJ Authority: Environment Agency - North West Region, Central Area Site Category: Landfill Max Input Rate: Undefined Waste Source: Some restriction on source of waste Restrictions: Status: Record supersededSuperseded Dated: 22nd September 1982 Preceded By: Not Given Licence: Superseded By: L 294 Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Ceramic Waste Constr*/Demol. Inert/Non-Haz/Non-Tox Foundry Sand Glass/Cullet Industrial Wastes Metal Scrap Plastic/Polythene (Including Sacks) Wood Waste/Timber Prohibited Waste: Clinical Wastes As In Doe Wmp 25 Poisonous, Noxious, Polluting Wastes</p>	A15NW (E)	843	1	361250 438100
66	<p>Registered Landfill Sites</p> <p>Licence Holder: United Utilities Water Ltd Licence Reference: L 79 Site Location: Chapel Hill Quarry, Chapel Lane, Longridge, Preston, Lancashire Licence Easting: Not Supplied Licence Northing: Not Supplied Operator Location: Lingley Mere, Lingley Green Avenue, Great Sankey, Warrington, Cheshire, Wa5 3lp Authority: Environment Agency - North West Region, Central Area Site Category: Landfill Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: Some restriction on source of waste Restrictions: Status: Site dormant Dated: 1st October 1992 Preceded By: L 79 Licence: Superseded By: Not Given Licence: Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate Authorised Waste: Concrete, Brick, Tarmac Fully Polymerised Mat'L Max.Waste Permitted By Licence Soil, Clay, Natural Sand, Rock Prohibited Waste: Clinical Wastes Liable To Cause Environmental Harm Waste N.O.S.</p>	A3NE (S)	960	1	360416 436930

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
67	<p>Registered Waste Transfer Sites</p> <p>Licence Holder: Walter Carefoot & Sons Ltd Licence Reference: L 523 Site Location: Blackpool Road, Longridge, Preston, Lancashire Operator Location: As Site Address Authority: Environment Agency - North West Region, Central Area Site Category: Transfer Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: Some restriction on source of waste Restrictions: Licence Status: Licence has completion certificate Surrendered Dated: 1st July 1993 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Foliage, Shavings, Sawdust Or Their Prod Glass, Cement Max. Waste Permitted By Licence Non-Haz. Metals Plasterboard/Plaster Plastic Packaging & Paper Slate, Concrete, Brick, Ceramics, Stone Soil, Clay, Nat'L Sand, Rock Timber, Treated Or Untreated</p> <p>Prohibited Waste Clinical Wastes Waste N.O.S. Whether Treated Or Not</p>	A8SW (S)	631	1	360050 437240

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Toumaisian and Visean (Carboniferous Limestone Series)	A13SW (W)	0	4	360193 438069
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13SW (W)	0	5	360193 438069
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13SW (W)	0	5	360000 438000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13SE (SE)	0	5	360286 437976
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13SW (S)	0	5	360193 438000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13NW (N)	0	5	360179 438153
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13NW (NW)	0	5	360120 438142

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: RuSoilExAs Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13NW (NW)	0	5	360137 438180
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13SW (W)	17	5	360000 438031
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13NW (NW)	23	5	360059 438226
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13SW (W)	29	5	360000 438088
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13NW (NW)	44	5	360047 438163
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13NW (NW)	44	5	360050 438217

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: RuSoilExAs Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SW (W)	49	5	359966 438000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SE (SE)	52	5	360310 438000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (NW)	53	5	360046 438256
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (N)	56	5	360250 438324
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (NW)	60	5	360032 438243
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (N)	76	5	360180 438343

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: RuSoilExAs Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13NW (N)	86	5	360198 438360
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13NE (N)	89	5	360263 438357
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13NW (NW)	92	5	360000 438182
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13NW (NW)	99	5	359995 438167
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13NW (NW)	100	5	360000 438171
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13SE (SE)	100	5	360377 437868

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: RuSoilExAs Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13NE (N)	101	5	360215 438377
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13NW (NW)	103	5	360000 438213
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13NW (N)	106	5	360169 438370
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13NW (NW)	115	5	359979 438193
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13NW (N)	119	5	360192 438393
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13NE (NE)	148	5	360421 438370

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: RuSoilExAs Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13SE (E)	159	5	360460 438000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A18SE (NE)	184	5	360394 438414
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A18SE (NE)	195	5	360409 438426
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13SE (E)	201	5	360520 438000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A12SE (W)	202	5	359802 438000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A12SE (W)	241	5	359760 438000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:</p>	A18SE (N)	244	5	360333 438491
	<p>BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:</p>	A14NW (NE)	269	5	360654 438322
	<p>BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:</p>	A13SE (SE)	273	5	360512 437771
	<p>BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:</p>	A14NW (E)	329	5	360739 438246
	<p>BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:</p>	A14NW (NE)	341	5	360729 438330
	<p>BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:</p>	A14SW (E)	366	5	360725 438000

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: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NW (S)	374	5	360000 437508
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14NW (E)	446	5	360855 438142
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14SE (E)	572	5	360961 438031
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9NW (SE)	581	5	360820 437708
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14NE (E)	587	5	361000 438089
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14NE (E)	593	5	361000 438289

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel <15 mg/kg Concentration:</p>	A14SE (E)	597	5	361000 438089
	<p>BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:</p>	A9NW (SE)	615	5	360759 437532
	<p>BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:</p>	A19SE (NE)	615	5	360937 438524
	<p>BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:</p>	A18NW (N)	619	5	360066 438876
	<p>BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:</p>	A14SE (E)	620	5	361000 438000
	<p>BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:</p>	A19SE (NE)	629	5	361000 438428

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: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18NE (N)	635	5	360483 438866
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19NW (NE)	636	5	360623 438815
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19NW (NE)	639	5	360653 438804
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9NW (SE)	644	5	360681 437410
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8SW (S)	651	5	360000 437225
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SE (NE)	656	5	361000 438495

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:</p>	A19SE (NE)	661	5	361000 438507
	<p>BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:</p>	A19NW (NE)	663	5	360769 438762
	<p>BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:</p>	A14SE (E)	685	5	361063 437983
	<p>BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel <15 mg/kg Concentration:</p>	A14SE (E)	694	5	361078 438000
	<p>BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:</p>	A19SE (NE)	697	5	361044 438497
	<p>BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel <15 mg/kg Concentration:</p>	A14NE (E)	700	5	361109 438129

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: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18NW (N)	724	5	360193 439000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A14SE (E)	725	5	361000 437761
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18NW (N)	728	5	360160 439000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel <15 mg/kg Concentration:	A14SE (E)	728	5	361113 438000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18NW (N)	731	5	360120 439000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SE (NE)	736	5	361000 438646

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:</p>	A19SE (NE)	747	5	361106 438480
	<p>BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:</p>	A18NW (N)	756	5	360000 439000
	<p>BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:</p>	A19SE (NE)	756	5	361000 438678
	<p>BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:</p>	A14NE (E)	764	5	361172 438290
	<p>BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:</p>	A19SE (NE)	765	5	361016 438672
	<p>BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:</p>	A9NE (SE)	784	5	361000 437662

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: RuSoilExAs Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A7NW (W)	786	5	359226 437714
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A14SE (E)	791	5	361071 437750
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A14SE (E)	807	5	361193 437993
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A14SE (E)	810	5	361198 438000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A19NE (NE)	816	5	360884 438867
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A19NE (NE)	824	5	360913 438858

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: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A15SW (E)	827	5	361215 438000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SE (NE)	827	5	361118 438635
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A15SW (E)	831	5	361221 438007
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A15SW (E)	838	5	361227 438000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A20SW (E)	839	5	361215 438447
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SE (NE)	843	5	361201 438502

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: RuSoilExAs Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A15NW (E)	853	5	361248 438378
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A19NE (NE)	853	5	361000 438820
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A19NE (NE)	854	5	361003 438819
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A23SE (N)	860	5	360253 439135
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A19SE (NE)	862	5	361169 438616
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: <15 mg/kg Concentration:	A20SW (E)	862	5	361231 438472

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:</p>	A11SE (W)	867	5	359125 438000
	<p>BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:</p>	A3NW (S)	869	5	360193 437000
	<p>BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:</p>	A3NW (S)	874	5	360000 437000
	<p>BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:</p>	A3NE (S)	874	5	360289 437000
	<p>BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:</p>	A20SW (E)	884	5	361268 438428
	<p>BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:</p>	A3NE (S)	886	5	360387 437000

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: RuSoilExAs Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: <15 mg/kg Concentration:	A20SW (E)	894	5	361275 438441
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A8SE (SE)	896	5	360994 437366
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A9SE (SE)	915	5	361000 437372
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: <15 mg/kg Concentration:	A15SW (E)	916	5	361306 438000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A2NE (S)	925	5	359778 437000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A19SE (NE)	942	5	361193 438729

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: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel <15 mg/kg Concentration:	A15NW (E)	944	5	361336 438399
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19NE (NE)	958	5	361000 438959
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A4NW (S)	961	5	360634 437000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A20SW (NE)	974	5	361251 438697
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19NE (NE)	989	5	360996 439000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A11SE (W)	989	5	359000 438000

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: RuSoilExAs Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A19NE (NE)	991	5	361000 439000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A11SE (W)	991	5	359000 438069
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: 25 - 35 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A20SW (NE)	992	5	361283 438678
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A19NE (NE)	995	5	361000 439005
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: RuSoilExAs Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: <15 mg/kg Concentration:	A15NW (E)	996	5	361392 438384
68	BGS Recorded Mineral Sites Site Name: Thomley Brick & Tile Works Location: Old Clay Lane, Longridge, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 92685 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: Hodder Mudstone Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	403	4	359847 438548

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
69	BGS Recorded Mineral Sites Site Name: Severn Acres Location: , Longridge, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 92704 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: Pendle Grit Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A14SE (E)	711	4	361051 437881
70	BGS Recorded Mineral Sites Site Name: Lords Location: , Longridge, Preston, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 7181 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: Pendle Grit Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A15NW (E)	838	4	361245 438100
71	BGS Recorded Mineral Sites Site Name: Tootle Helgh Quarry Location: , Longridge, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 92703 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: Pendle Grit Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A15SW (E)	908	4	361239 437820
72	BGS Recorded Mineral Sites Site Name: Tootle Height Quarry Location: , Longridge, Preston, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 5699 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: Pendle Grit Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A15SW (E)	955	4	361335 437950
	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 Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	4	360193 438069
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	4	360001 438069
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	4	360193 438069
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	4	360001 438069
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	4	360179 438154

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	44	4	360047 438163
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	93	4	360001 438162
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	149	4	360422 438371
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	4	360179 438154
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	4	360001 438069
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	4	360193 438069
	Potential for Compressible Ground Stability Hazards Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	44	4	360047 438163
	Potential for Compressible Ground Stability Hazards Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	93	4	360001 438162
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	149	4	360422 438371
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	4	360138 438160
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	4	360120 438142
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	29	4	360001 438069
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	44	4	360047 438163
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	44	4	360050 438217
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	57	4	360251 438325
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	71	4	359995 438168
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	93	4	360001 438162
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	100	4	360001 438172
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A18SE (NE)	185	4	360394 438415
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	4	360001 438069
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	4	360193 438069

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	4	360001 438069
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	4	360179 438154
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	4	360193 438069
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	149	4	360422 438371
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	4	360001 438069
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	4	360193 438069
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	44	4	360047 438163
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	93	4	360001 438162
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	4	360193 438069
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	4	360001 438069
	Radon Potential - Radon Affected Areas Affected Area: The property is in an intermediate probability radon area, as between 1 and 3% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	4	360193 438069
	Radon Potential - Radon Affected Areas Affected Area: The property is in an intermediate probability radon area, as between 1 and 3% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	4	360001 438069

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
73	Contemporary Trade Directory Entries Name: Irelands Ltd Location: 60, Inglewhite Road, Longridge, Preston, PR3 2NA Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (S)	19	-	360131 437886
74	Contemporary Trade Directory Entries Name: Uk Blinds Location: 48, Inglewhite Road, Longridge, Preston, PR3 3JS Classification: Blinds, Awnings & Canopies Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (S)	106	-	360150 437778
75	Contemporary Trade Directory Entries Name: Barritt Associates Ltd Location: 6, Firwood Close, Longridge, Preston, PR3 3HB Classification: Glass Engravers & Decorators Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	178	-	360397 437799
76	Contemporary Trade Directory Entries Name: Sparkle Gems Cleaning Services Location: 16, Inglewhite Road, Longridge, Preston, PR3 3JS Classification: Cleaning Services - Domestic Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (S)	200	-	360168 437683
77	Contemporary Trade Directory Entries Name: R Whalley Location: 14, Thornfield Avenue, Longridge, Preston, PR3 3HL Classification: Carpet, Curtain & Upholstery Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (S)	202	-	360311 437687
78	Contemporary Trade Directory Entries Name: Linear Motion Systems Ltd Location: Unit 5, 90, Berry Lane, Longridge, Preston, PR3 3WH Classification: Bearing Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (S)	226	-	360197 437649
78	Contemporary Trade Directory Entries Name: T H G Motor Bodies Location: 90, Berry Lane, Longridge, Preston, PR3 3WH Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	258	-	360189 437618
78	Contemporary Trade Directory Entries Name: T H G North West Ltd Location: Unit 2, 90, Berry Lane, Longridge, Preston, Lancashire, PR3 3WH Classification: Car Body Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (S)	258	-	360189 437618
78	Contemporary Trade Directory Entries Name: D D Cooling Location: 90, Berry Lane, Longridge, Preston, PR3 3WH Classification: Air Conditioning & Refrigeration Contractors Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	258	-	360189 437618
78	Contemporary Trade Directory Entries Name: D D Cooling Location: Flat 1, 90, Berry Lane, Longridge, Preston, PR3 3WH Classification: Air Conditioning & Refrigeration Contractors Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (S)	258	-	360189 437618
79	Contemporary Trade Directory Entries Name: J & M Walker Ltd Location: 12, Derby Road, Longridge, Preston, PR3 3NP Classification: Painting & Decorating Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	290	-	360146 437584
79	Contemporary Trade Directory Entries Name: Domestics Location: 89, Berry Lane, Longridge, Preston, Lancashire, PR3 3WH Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	301	-	360186 437575

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
80	Contemporary Trade Directory Entries Name: Booths Petrol Location: Berry Lane, Longridge, Preston, PR3 3NH Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (S)	302	-	360294 437577
80	Contemporary Trade Directory Entries Name: Syd Brown & Sons Ltd Location: Berry Lane, Longridge, Preston, PR3 3NH Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	342	-	360293 437537
80	Contemporary Trade Directory Entries Name: Arnold Swift & Son Ltd Location: 53-57, Bery Lane, Longridge, Preston, PR3 3NH Classification: Hardware Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (S)	362	-	360260 437512
81	Contemporary Trade Directory Entries Name: Liberty Printers Location: 5, Stanley Street, Longridge, PRESTON, PR3 3NJ Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	339	-	360214 437535
81	Contemporary Trade Directory Entries Name: Acom Recycling Location: Stanley St, Longridge, Preston, Lancashire, PR3 3NJ Classification: Recycling Centres Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8NE (S)	339	-	360222 437534
81	Contemporary Trade Directory Entries Name: Perfect Workwear & Ppe Location: Warwick St, Longridge, Preston, Lancashire, PR3 3EB Classification: Distribution Services Status: Active Positional Accuracy: Manually positioned within the geographical locality	A8NW (S)	352	-	360192 437523
81	Contemporary Trade Directory Entries Name: Linotype Service (Blackburn) Ltd Location: The Printworks, Warwick Street, Longridge, Preston, PR3 3EB Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	363	-	360226 437510
81	Contemporary Trade Directory Entries Name: John Barton Location: The Printworks, Warwick Street, Longridge, Preston, PR3 3EB Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (S)	363	-	360226 437510
81	Contemporary Trade Directory Entries Name: Warwick Street Motors Ltd Location: Warwick Street, Longridge, Preston, PR3 3EB Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (S)	373	-	360185 437503
81	Contemporary Trade Directory Entries Name: Ais Euromaster Ltd Location: Warwick Street, Longridge, Preston, Lancashire, PR3 3EB Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	396	-	360197 437478
82	Contemporary Trade Directory Entries Name: Quilters Quarters Location: 32, Derby Road, Longridge, Preston, Lancashire, PR3 3NP Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8NW (S)	339	-	360137 437533
83	Contemporary Trade Directory Entries Name: Advanced Print Solutions Location: The Old Corn Mill, Warwick Street, Longridge, Preston, PR3 3EB Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (S)	372	-	360248 437501

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
84	Contemporary Trade Directory Entries Name: Longridge Community Hospital Location: St. Wilfrids Terrace, Longridge, Preston, PR3 3WQ Classification: Hospitals Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (S)	397	-	360015 437480
85	Contemporary Trade Directory Entries Name: Longridge Dry Cleaning Centre Location: 6, Towneley Parade, Longridge, Preston, PR3 3HU Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (S)	429	-	360368 437466
86	Contemporary Trade Directory Entries Name: Belmont Garage Ltd Location: Inglewhite Road, Longridge, Preston, PR3 2DB Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A12NW (W)	512	-	359513 438113
87	Contemporary Trade Directory Entries Name: Dream Kitchens Location: 29-33, Berry Lane, Longridge, Preston, PR3 3JA Classification: Kitchen Furniture Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	550	-	360436 437362
88	Contemporary Trade Directory Entries Name: Hesketh Transport Location: 64, Derby Road, Longridge, Preston, PR3 3FE Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	561	-	360106 437308
89	Contemporary Trade Directory Entries Name: Catlow Car Location: New Fold Garage, Neville St, Longridge, Preston, Lancashire, PR3 3FD Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A8SW (S)	602	-	360170 437272
89	Contemporary Trade Directory Entries Name: J Greenwood Vehicles Location: New Fold Garage, Neville Street, Longridge, Preston, PR3 3FD Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	602	-	360170 437272
90	Contemporary Trade Directory Entries Name: Sharples Location: Cedarwood, Inglewhite Road, Longridge, Preston, PR3 2DB Classification: Electrical Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A12NW (W)	614	-	359414 438139
91	Contemporary Trade Directory Entries Name: S A C P A C Location: 14, Bowland Close, Longridge, PRESTON, PR3 3TU Classification: Packaging Materials Manufacturers & Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	658	-	360858 437659
92	Contemporary Trade Directory Entries Name: Bonds Of Longridge Ltd Location: Stonebridge Garage, Kestor Lane, Longridge, Preston, PR3 3AE Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	716	-	360145 437155
93	Contemporary Trade Directory Entries Name: V Baines Location: 32, Kestor Lane, Longridge, Preston, PR3 3JX Classification: Washing Machines - Servicing & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	735	-	360399 437157
94	Contemporary Trade Directory Entries Name: T D G Ltd Location: Daniel Platt Garage, Whittingham Road, Longridge, Preston, PR3 2AD Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (S)	756	-	359836 437160

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
95	Contemporary Trade Directory Entries Name: Feather & Fiber Interiors Location: 47, Kestor Lane, Longridge, Preston, Lancashire, PR3 3JU Classification: Soft Furnishings - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	767		360216 437106
96	Contemporary Trade Directory Entries Name: Longridge Tyer Exhausts Location: Stonebrow, Kestor Lane, Longridge, Preston, PR3 3JX Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (S)	778		360560 437167
97	Contemporary Trade Directory Entries Name: Diamond Commercials Location: 2, Ashley Cottages, Inglewhite Road, Longridge, Preston, PR3 2DB Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	813		359265 438306
98	Contemporary Trade Directory Entries Name: John Carlisle Location: Stonebridge Mill, Preston Road, Longridge, Preston, PR3 3AN Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A3NW (S)	828		360136 437042
98	Contemporary Trade Directory Entries Name: Greenwoods Vehicle Re-Finishers Location: Stonebridge Mill, Kestor Lane, Longridge, Preston, PR3 3AD Classification: Car Body Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A3NW (S)	828		360136 437042
98	Contemporary Trade Directory Entries Name: Harlequin Glass Location: Unit 5, Stonebridge Mill, Preston Road, Longridge, Preston, PR3 3AN Classification: Stained Glass Designers & Producers Status: Active Positional Accuracy: Automatically positioned to the address	A3NW (S)	828		360136 437042
98	Contemporary Trade Directory Entries Name: Longridge Furniture Polishers Location: Stonebridge Mill, Preston Road, Longridge, Preston, PR3 3AN Classification: French Polishing Status: Active Positional Accuracy: Automatically positioned to the address	A3NW (S)	828		360136 437042
98	Contemporary Trade Directory Entries Name: Ribble Valley Tyre & Auto Services Location: Stonebridge Mill, Kestor Lane, Longridge, Preston, PR3 3AD Classification: Mot Testing Centres Status: Active Positional Accuracy: Automatically positioned to the address	A3NW (S)	828		360136 437042
98	Contemporary Trade Directory Entries Name: S J Mccarthy Location: Stonebridge Mill, Preston Road, Longridge, Preston, Lancashire, PR3 3AN Classification: Antiques - Repairing & Restoring Status: Inactive Positional Accuracy: Manually positioned to the address or location	A3NW (S)	828		360136 437042
98	Contemporary Trade Directory Entries Name: Longridge Tyre & Exhaust Location: Stonebridge Mill, Kestor Lane, Longridge, Preston, PR3 3AD Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A3NW (S)	828		360136 437042
98	Contemporary Trade Directory Entries Name: Mlt Autos Location: Stonebridge Mill, Preston Road, Longridge, Preston, PR3 3AN Classification: Mechanical Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A3NW (S)	828		360136 437042

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
99	Contemporary Trade Directory Entries Name: Palm Scaffolding Location: Sandbank Industrial Estate, Cumeragh La, Whittingham, Preston, Lancashire, PR3 2AJ Classification: Scaffolding & Work Platforms Status: Active Positional Accuracy: Manually positioned within the geographical locality	A7SW (SW)	919	-	359356 437248
99	Contemporary Trade Directory Entries Name: Do It Yourself Pest Control Location: Sandbank Estate, Cumeragh La, Whittingham, Preston, Lancashire, PR3 2AJ Classification: Pest & Vermin Control Status: Active Positional Accuracy: Manually positioned within the geographical locality	A7SW (SW)	919	-	359356 437248
100	Contemporary Trade Directory Entries Name: Singleton'S Dairy Ltd Location: Mill Farm, Preston Road, Longridge, Preston, PR3 3AN Classification: Dairies Status: Active Positional Accuracy: Automatically positioned to the address	A3NW (S)	924	-	360195 436950
101	Contemporary Trade Directory Entries Name: J F Gomall Location: Larkfield, Dilworth Lane, Longridge, Preston, PR3 3ST Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SE (SE)	936	-	360951 437270
102	Contemporary Trade Directory Entries Name: Jones Stroud Insulations Ltd Location: Queen Street, Longridge, Preston, PR3 3BS Classification: Insulation Materials Status: Active Positional Accuracy: Automatically positioned to the address	A3NW (S)	964	-	359960 436914
103	Fuel Station Entries Name: Irelands Garage Location: 60 Inglewhite Road, LONGRIDGE, Lancashire, PR3 2NA Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A13SW (S)	19	-	360131 437885
104	Fuel Station Entries Name: Booths Service Station Location: Berry Lane, Longridge, Preston, PR3 3NH Brand: BP Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A8NE (S)	339	-	360283 437537
105	Fuel Station Entries Name: Stonebridge Garage Location: Stonebridge Garage, Kestor Lane, Longridge, Preston, PR3 3AE Brand: Texaco Premises Type: Petrol Station Status: Open Positional Accuracy: Automatically positioned to the address	A8SW (S)	716	-	360145 437155

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
106	Nitrate Vulnerable Zones Name: Not Supplied Description: NVZ Deferred Slurry Storage Area Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	A12SE (SW)	228	7	359789 437808

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Ribble Valley Borough Council - Environmental Health Department Preston City Council - Environmental Health Department South Ribble Borough Council - Environmental Health Department Wyre Borough Council - Environmental Health Department	February 2013 March 2013 March 2013 October 2012	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - North West Region	February 2014	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	February 2014	Quarterly
Local Authority Integrated Pollution Prevention And Control Preston City Council - Environmental Health Department South Ribble Borough Council - Environmental Health Department Ribble Valley Borough Council - Environmental Health Department Wyre Borough Council - Environmental Health Department	December 2013 January 2013 November 2012 September 2013	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Controls Preston City Council - Environmental Health Department South Ribble Borough Council - Environmental Health Department Ribble Valley Borough Council - Environmental Health Department Wyre Borough Council - Environmental Health Department	December 2013 January 2013 November 2012 September 2013	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Preston City Council - Environmental Health Department South Ribble Borough Council - Environmental Health Department Ribble Valley Borough Council - Environmental Health Department Wyre Borough Council - Environmental Health Department	December 2013 January 2013 November 2012 September 2013	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	July 2012	Quarterly
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	February 2014	Quarterly
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	February 2014 February 2014	Quarterly Quarterly
Water Abstractions Environment Agency - North West Region	December 2014	Quarterly
Water Industry Act Referrals Environment Agency - North West Region	February 2014	Quarterly

Agency & Hydrological	Version	Update Cycle
Groundwater Vulnerability Environment Agency - Head Office	January 2011	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	October 2012	Annually
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	October 2012	Annually
Source Protection Zones Environment Agency - Head Office	December 2014	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2014	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2014	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2014	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	February 2014	Quarterly
Flood Defences Environment Agency - Head Office	February 2014	Quarterly
Detailed River Network Lines Environment Agency - Head Office	March 2012	Annually
Detailed River Network Offline Drainage Environment Agency - Head Office	March 2012	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 - North West Region - Central Area Environment Agency - North West Region - North Area Environment Agency - South East Region - Kent & South London Area Environment Agency - South East Region - North East Thames Area Environment Agency - South East Region - Solent & South Downs Area Environment Agency - South East Region - West Thames Area	February 2014 February 2014 February 2014 February 2014 February 2014 February 2014	Quarterly Quarterly Quarterly Quarterly Quarterly 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 Environment Agency - South East Region - Kent & South London Area Environment Agency - South East Region - North East Thames Area Environment Agency - South East Region - Solent & South Downs Area Environment Agency - South East Region - West Thames Area	February 2014 February 2014 February 2014 February 2014 February 2014 February 2014	Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area	February 2014 February 2014	Quarterly Quarterly
Local Authority Landfill Coverage Lancashire County Council - Waste Management Group Preston City Council - Environmental Health Department Ribble Valley Borough Council - Environmental Health Department South Ribble Borough Council - Environmental Health Department Wyre Borough Council - Environmental Health Department	May 2000 May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Lancashire County Council - Waste Management Group Preston City Council - Environmental Health Department Ribble Valley Borough Council - Environmental Health Department Wyre Borough Council - Environmental Health Department South Ribble Borough Council - Environmental Health Department	May 2000 May 2000 May 2000 May 2000 May 2003	Not Applicable Not Applicable Not Applicable Not Applicable 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	March 2014	Bi-Annually
Explosive Sites Health and Safety Executive	November 2013	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Ribble Valley Borough Council Lancashire County Council Preston City Council South Ribble Borough Council Wyre Borough Council - Planning Department	June 2013 November 2012 November 2012 November 2012 October 2012	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Planning Hazardous Substance Consents Ribble Valley Borough Council Lancashire County Council Preston City Council South Ribble Borough Council Wyre Borough Council - Planning Department	June 2013 November 2012 November 2012 November 2012 October 2012	Annual Rolling Update Annual Rolling Update 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	August 1996	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	January 2010	Variable
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	October 2013	Bi-Annually
Brine Compensation Area Cheshire Brine Subsidence Compensation Board	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Mining Report Service	December 2013	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	February 2011	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
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	February 2014	Quarterly
Fuel Station Entries Catalist Ltd - Experian	March 2014	Quarterly
Sensitive Land Use	Version	Update Cycle
Areas of Adopted Green Belt Preston City Council Ribble Valley Borough Council South Ribble Borough Council Wyre Borough Council - Planning Department	February 2014 February 2014 February 2014 February 2014	As notified As notified As notified As notified
Areas of Unadopted Green Belt Preston City Council Ribble Valley Borough Council South Ribble Borough Council Wyre Borough Council - Planning Department	February 2014 February 2014 February 2014 February 2014	As notified As notified As notified As notified
Areas of Outstanding Natural Beauty Natural England	January 2014	Bi-Annually
Environmentally Sensitive Areas Natural England	July 2013	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	July 2013	Bi-Annually
Marine Nature Reserves Natural England	July 2013	Bi-Annually
National Nature Reserves Natural England	January 2014	Bi-Annually
National Parks Natural England	January 2014	Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2012	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2013	Annually
Ramsar Sites Natural England	July 2013	Bi-Annually
Sites of Special Scientific Interest Natural England	July 2013	Bi-Annually
Special Areas of Conservation Natural England	July 2013	Bi-Annually
Special Protection Areas Natural England	July 2013	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	
Centre for Ecology and Hydrology	
Countryside Council for Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
1	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
2	Ribble Valley Borough Council - Environmental Health Department Council Offices, Church Walk, Clitheroe, Lancashire, BB7 2RA	Telephone: 01200 425111 Fax: 01200 26339 Website: www.ribblevalley.gov.uk
3	Preston City Council - Environmental Health Department Strategic Services, Town Hall, Lancaster Road, Preston, Lancashire, PR1 2RL	Telephone: 01772 906000 Fax: 01772 906195 Email: info@preston.gov.uk Website: www.preston.gov.uk
4	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
5	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmark.co.uk Website: www.landmarkinfo.co.uk
6	Natural England Northminster House, Northminster Road, Peterborough, Cambridgeshire, PE1 1UA	Telephone: 0845 600 3078 Fax: 01733 455103 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
7	Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire, LS16 5QT	Telephone: 0113 2613333 Fax: 0113 230 0879
8	Lancashire County Council - Waste Management Group Environment Directorate, Guild House, Cross Street, Preston, Lancashire, PR1 8RD	Website: www.lancashire.gov.uk
-	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 / SEPA have a charging policy in place for enquiries.

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Landscape and Furness	1:2,500	1893	2
Landscape and Furness	1:2,500	1912	3
Landscape and Furness	1:2,500	1932	4
Ordnance Survey Plan	1:2,500	1961 - 1967	5
Ordnance Survey Plan	1:2,500	1976	6
Additional Sifts	1:2,500	1976 - 1992	7
Additional Sifts	1:2,500	1976 - 1987	8
Additional Sifts	1:2,500	1981 - 1992	9
Additional Sifts	1:2,500	1992	10
Large-Scale National Grid Data	1:2,500	1994	11
Large-Scale National Grid Data	1:2,500	1995	12
Large-Scale National Grid Data	1:2,500	1996	13

Large-Scale National Grid Data 1:2,500 and 1:1,250

	Slopes Top		Pillar, Pole or Post
	Cliff		Post Office
	Rock		Public Convenience
	Boulders		Pump
	Positioned Boulder		Pumping Station
	Non-Confiferous Tree (surveyed)		Place of Worship
	Non-Confiferous Trees (not surveyed)		Sewage Pits
	Orchard Tree		Sewage Pits
	Copple, Coler		Signal Box or Bridge
	Rough Grassland		Signal Post or Light
	Direction of water flow		Tank or Tank
	Electricity Transmission Line		Trough
	Bench Mark		Wind Pump
	Roofed Building		Water Point, Water Tap
	Civil parish/community boundary		Well
	District boundary		Wind Pump
	County boundary		
	Boundary marking symbol (note: these always appear in opposed pairs or groups of three)		

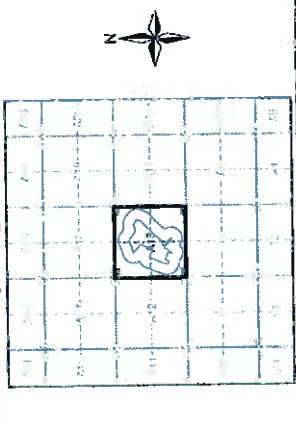
Ordnance Survey Plan, Additional Sifts and Supply of Unpublished Survey Information 1:2,500 and 1:1,250

	Inertive Quarry, Chalk Pit or Clay Pit		Boulders
	Active Quarry, Chalk Pit or Clay Pit		Slopes Top
	Roofed Building		Glazed Roof Building
	Sloping Masonry		Archway
	Non-Confiferous Tree (surveyed)		Non-Confiferous Tree (surveyed)
	Non-Confiferous Trees (not surveyed)		Non-Confiferous Trees (not surveyed)
	Orchard Tree		Bracken
	Copple, Coler		Marsh, Saltings
	Rough Grassland		Culvert
	Direction of water flow		Arduity (site of)
	Cave Entrance		Electricity
	Electricity Transmission Line		Pyon
	County Boundary (Geographical)		
	County & Civil Parish Boundary		
	Civil Parish Boundary		
	Admin. County or County Bor. Boundary		
	London Borough Boundary		
	Symbol marking point where boundary merging changes		

Ordnance Survey County Series and Ordnance Survey Plan 1:2,500

	Quarry		Sand Pit
	Clay Pit		Refuse Heap
	Sloping Masonry		Flat Rock
	Marsh		Ostia
	Rough Pasture		Wood
	Mixed Wood		Orchard
	Ferry		Stepping Stones
	Trig. Station		Lock
	Bench Mark		Altitude at Trig. Station
	Arrow denotes flow of water		Surface Level
	Cutting		Antiquities (site of)
	Railway crossing Road		Road crossing Railway
	Railway crossing River or Canal		Road over River or Canal
	Road over single stream		Level Crossing
	County Boundary (Geographical)		Road crossing Railway
	County & Civil Parish Boundary		Road over River or Canal
	Administrative County & Civil Parish Boundary		
	County Borough Boundary (England)		
	County Borough Boundary (Scotland)		
	B.P. B. Boundary (Post or Stone)		Pole or Call Box
	B.P. B. Boundary (Post or Stone)		Pump
	B.P. B. Boundary (Post or Stone)		Signal Post
	B.P. B. Boundary (Post or Stone)		Signal Post
	B.P. B. Boundary (Post or Stone)		Spring
	B.P. B. Boundary (Post or Stone)		Trough
	B.P. B. Boundary (Post or Stone)		Well

Historical Map - Segment A13



Order Details
 Order Number: 55312619_1_1
 Customer Ref: EB1355
 National Grid Reference: 360190, 438070
 Site Area (Ha): A
 Search Buffer (m): 100

Site Details
 Site at 360130, 438020

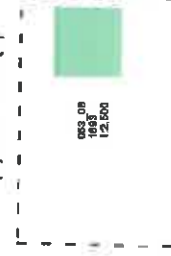


Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.landmark-uk.co.uk

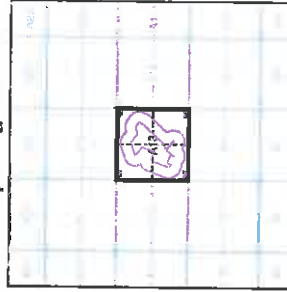
A Landmark Information Group Service v47.0 14-Apr-2014 Pg. 1 of 13

The historical maps shown were reproduced from maps predominantly held at the Ordnance Survey office in Southampton in the 1960's. In 1964 the OS maps were digitised for mapping urban areas and by 1986 it covered the whole of what is now Greater Manchester and the eastern parts of Great Britain. The published data given below is taken from the Ordnance Survey's 1893 edition. Before 1934, 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

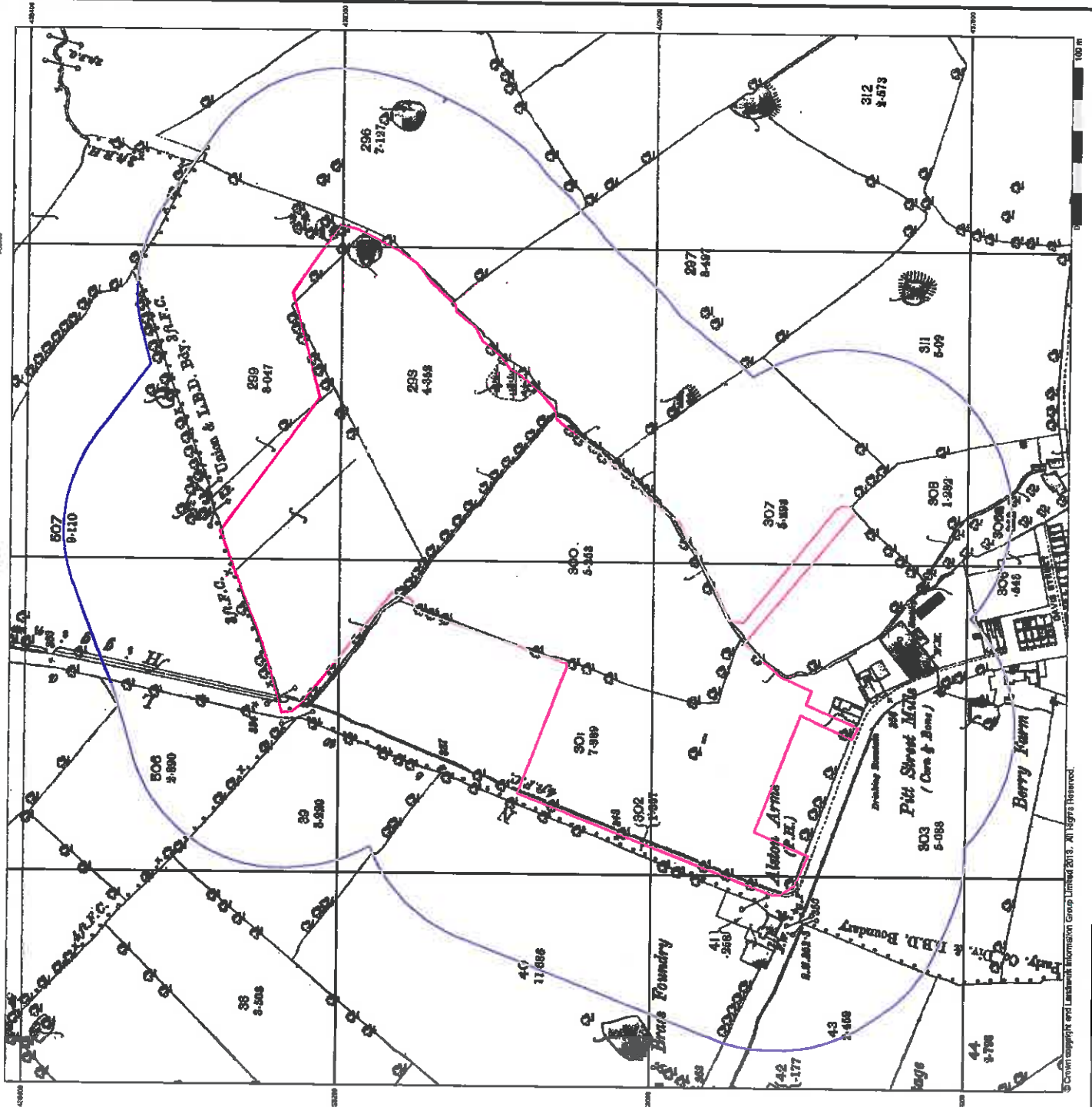
Order Number: 55312619_1_1
 Customer Ref: EB1355
 National Grid Reference: 360190, 438070
 Site: A
 Site Area (Ha): 7.22
 Search Buffer (m): 100

Site Details

Site at 360130, 438020



Tel: 0844 844 8822
 Fax: 0844 844 8851
 Web: www.ams-tech.co.uk





Lancashire And Furness

Published 1912

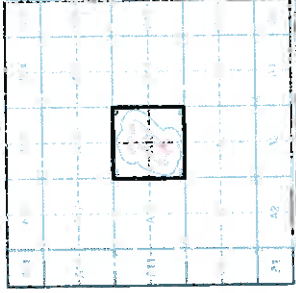
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1898 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published data given below is often some years later than the surveyed date. Before 1913, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in adjoining areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



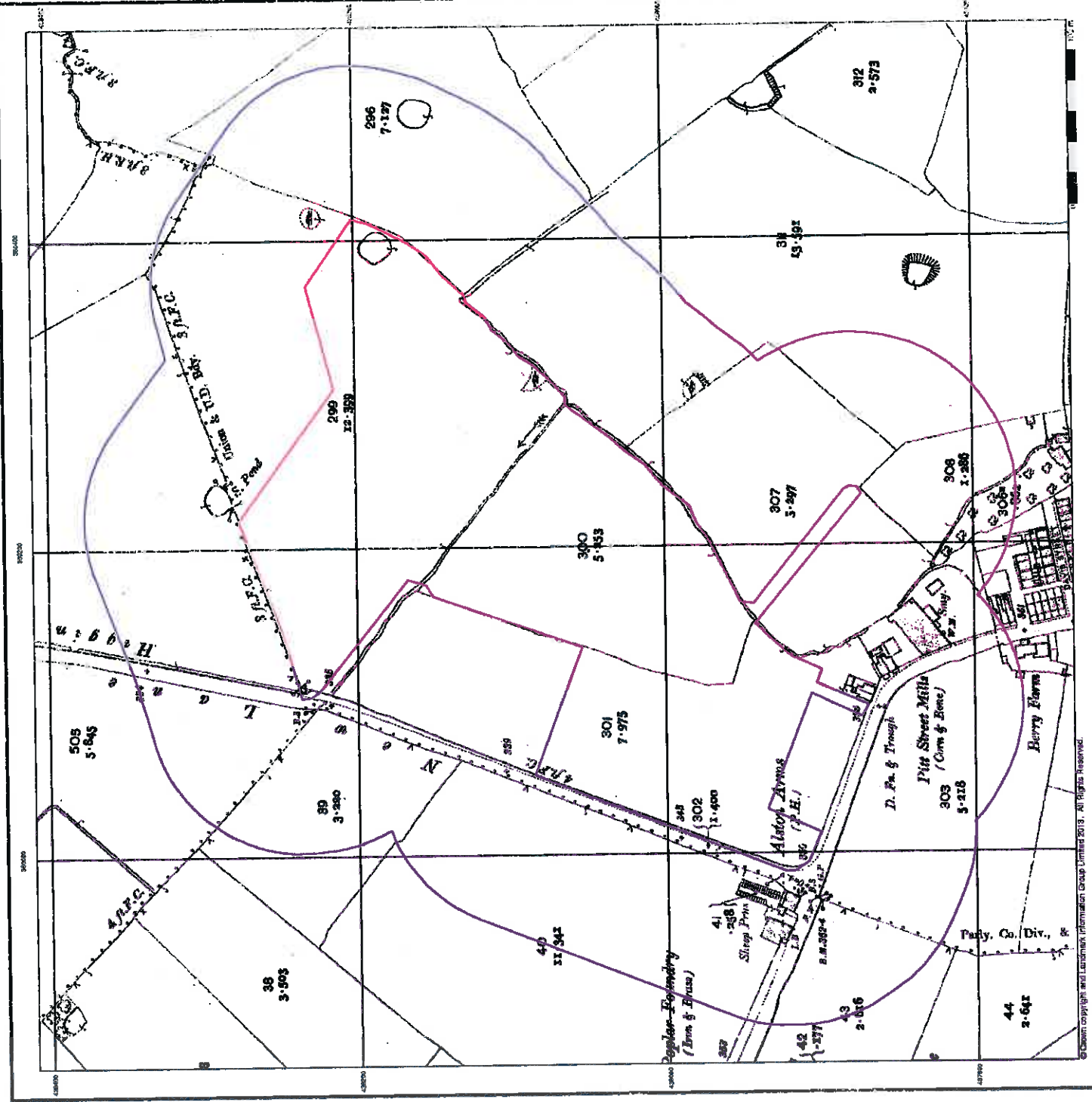
Order Details
 Order Number: 55312619_1_1
 Customer Ref: EB1355
 National Grid Reference: 360190, 438070
 Site: A
 Site Area (Ha): 7.22
 Search Buffer (m): 100

Site Details
 Site at 360130, 438020



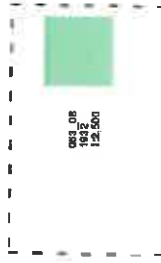
Tel: 0844 844 8952
 Fax: 0844 844 8957
 Web: www.landmark.co.uk

A Landmark Information Group Service v17.0 14-Apr-2014 Page 2 of 13

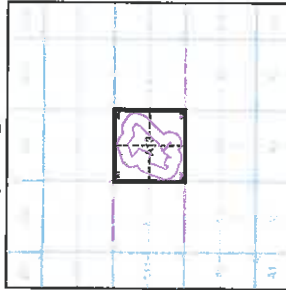


The historical maps shown were reproduced from maps predominantly held at the time accepted for England, Wales and Scotland in the 1940's. In 1954 the 1:2,500 scale was adopted for mapping urban areas and by 1956 it covered the whole of the country. The maps were prepared to fit the national grid of Great Britain. The published data shown here are based on the Ordnance Survey data. Before 1932, 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 cutting areas.

Map Name(s) and Date(s)



Historical Map - Segment A13

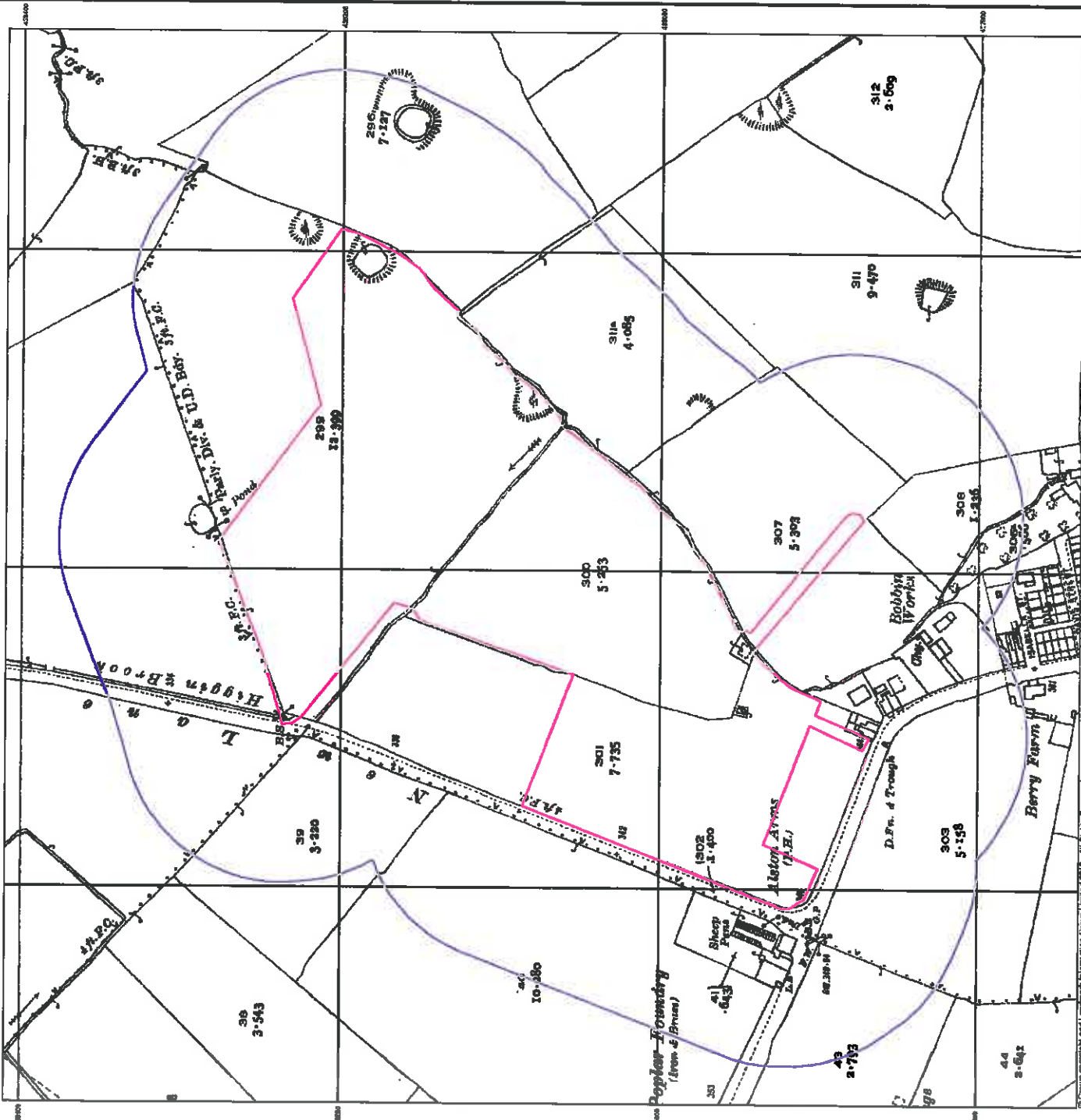


Order Details

Order Number: 55312819_1_1
 Customer Ref: EB1355
 National Grid Reference: 360190, 438070
 Slice: A
 Site Area (Ha): 7.22
 Search Buffer (m): 100

Site Details

Site at: 360130, 438020





Ordinance Survey Plan

Published 1961 - 1967

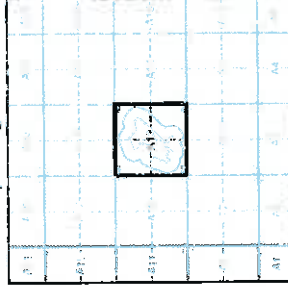
Source map scale - 1:2,500

The historical maps shown were reproduced from maps previously held at the scale indicated for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for improved urban areas and by 1856 it covered the whole of what were considered to be the cultivated parts 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)

SD5608	1961	12,500
SD0038	1887	12,500
SD5937	1961	12,500
SD5937	1967	12,500

Historical Map - Segment A13

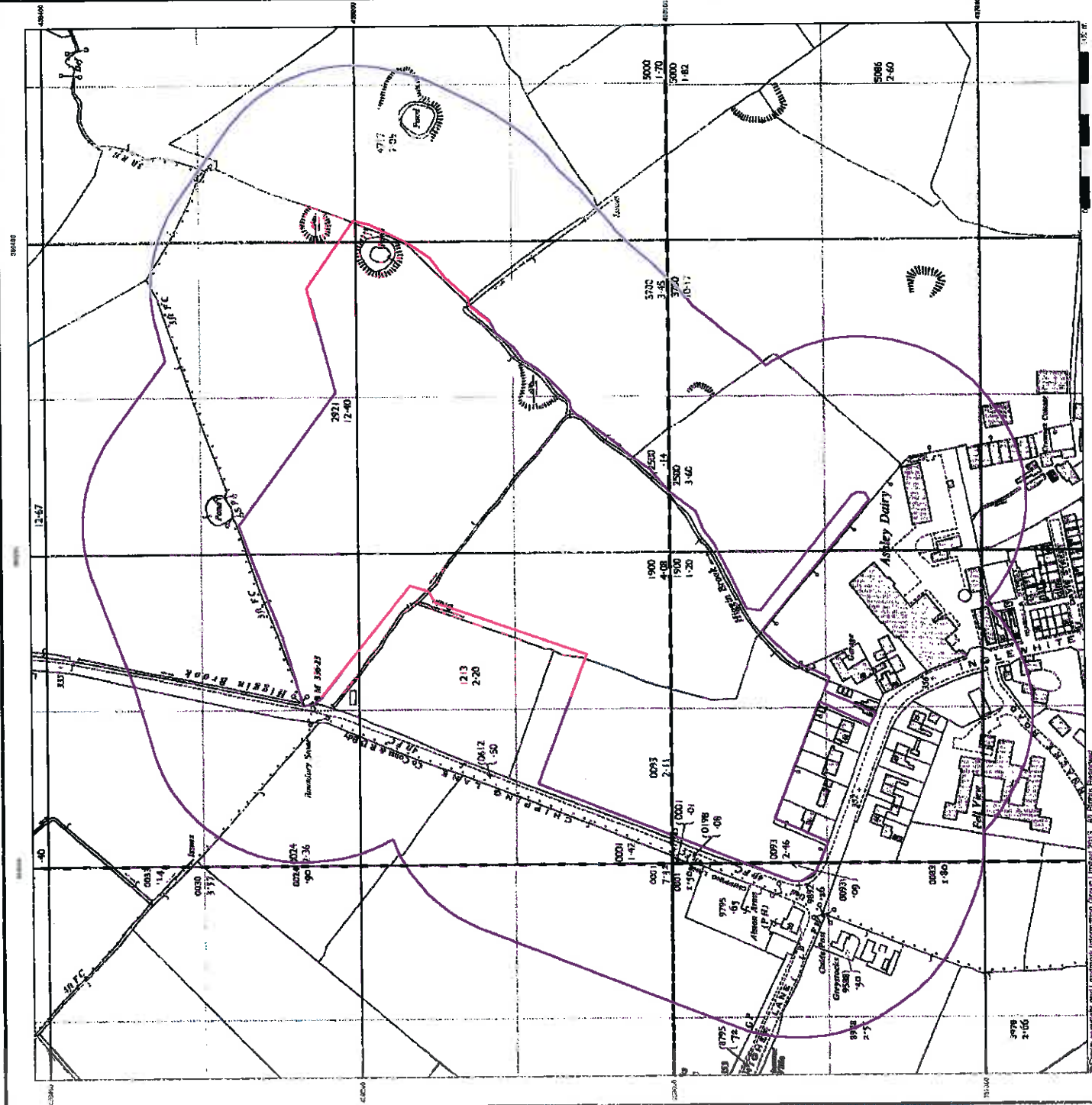


Order Details
 Order Number: 55312619_1_1
 Customer Ref: EB1355
 National Grid Reference: 360190, 438070
 Slice: A
 Site Area (Ha): 7.22
 Search Buffer (m): 100

Site Details
 Site at 360130, 438020



Tel: 0844 844 8852
 Fax: 0844 844 9951
 Web: www.landmark-od.co.uk



© Crown copyright and Landmark Information Group Limited 2013. All Rights Reserved.



Ordnance Survey Plan Published 1976

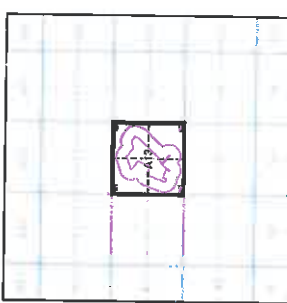
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1866 it was used for the rest of the country. The maps were considered to be the calibrated parts of Great Britain. The scales of detail are often some years later than the surveyed data. Before 1830, all OS maps were based on the Cassini Projection, with independent surveys of a single locality or group of localities, giving rise to significant inaccuracies in existing areas.

Map Name(s) and Date(s)

OS 5087
1976
1:2,500

Historical Map - Segment A13



Order Details

Order Number: 55312619_1_1
Customer Ref: E81355
National Grid Reference: 360180, 438070

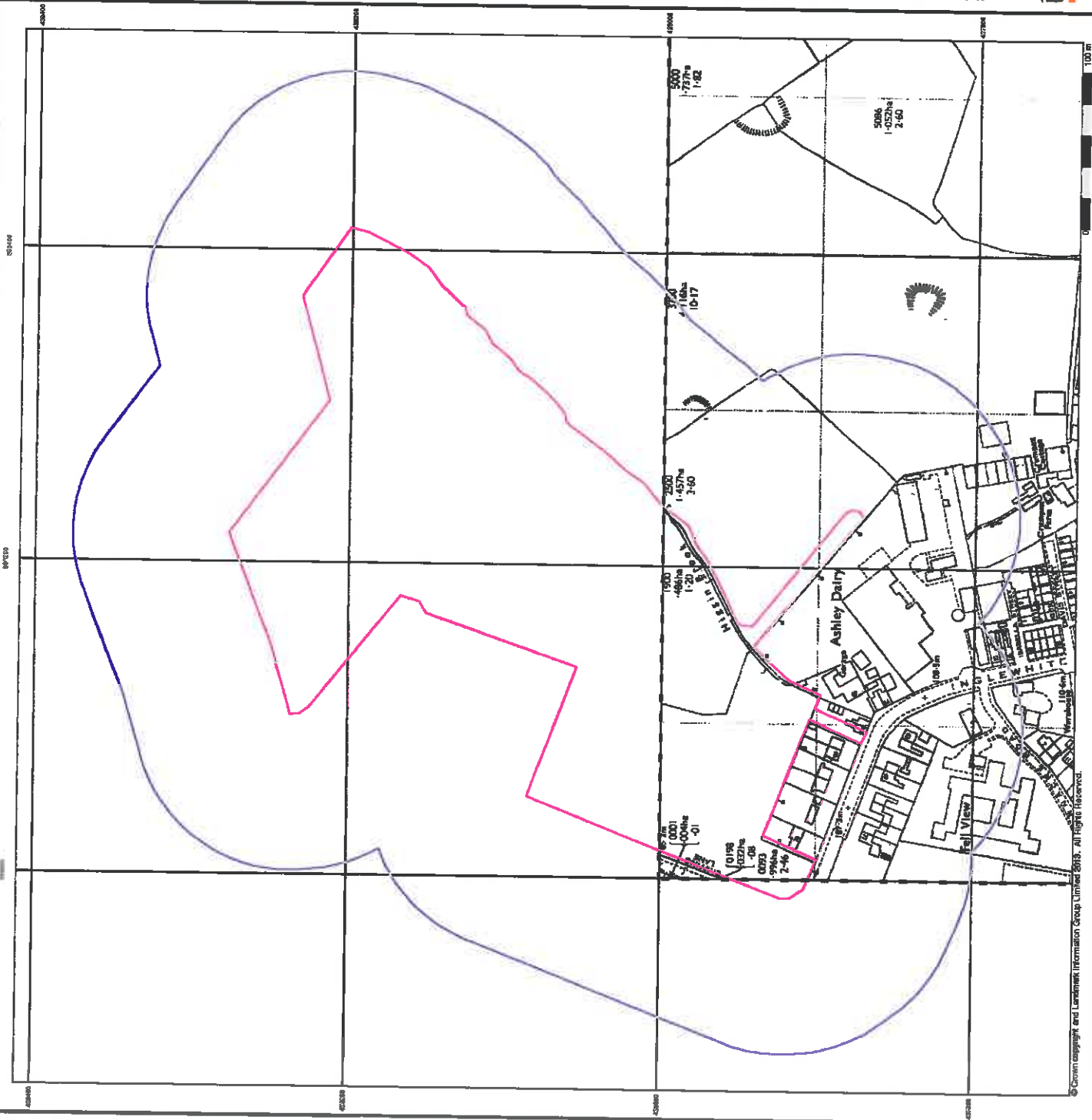
Site: A
Site Area (Ha): 7.22
Search Buffer (m): 100

Site Details

Site at 360130, 438020



Tel: 0844 844 8887
Fax: 0844 844 8889
Web: www.landmark.co.uk





**Additional SIMs
Published 1975 - 1992**

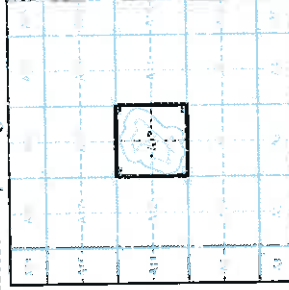
Source map scale - 1:2,500

The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions of an area was updated. They date from 1947 to 1984, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)

SD5826	1975	1:2,500
SD5827	1977	1:2,500
SD5828	1977	1:2,500
SD5829	1977	1:2,500

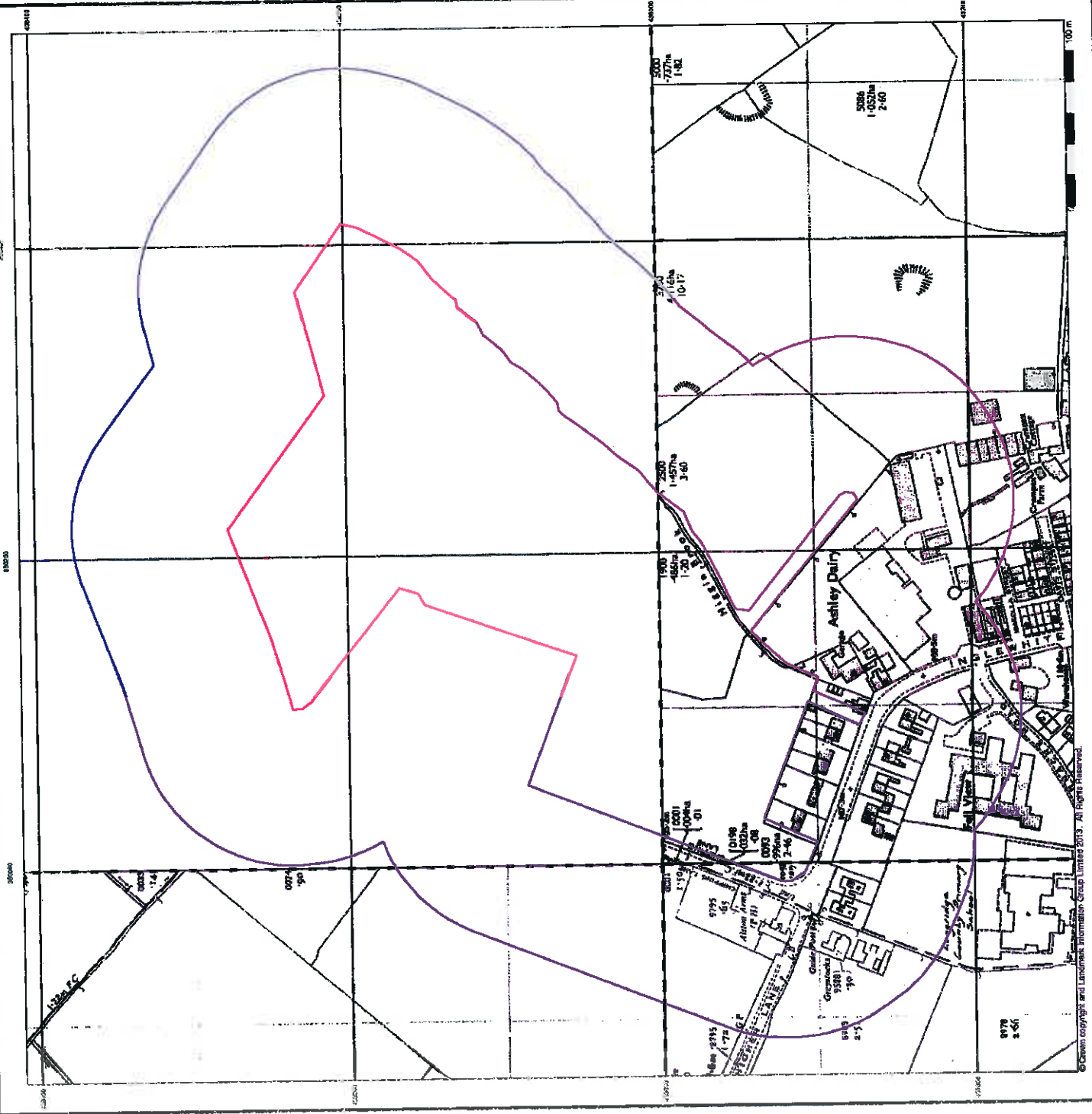
Historical Map - Segment A13



Order Details
 Order Number: 55312619_1_1
 Customer Ref: EB1355
 National Grid Reference: 360190, 438070
 Site Area (ha): 7.22
 Search Buffer (m): 100
Site Details
 Site at 360130, 438020



Tel: 0844 844 8852
 Fax: 0844 844 8851
 www.landmark.co.uk
 Landmark
 A Landmark Information Group Service v47.0 14-Apr-2014 Page 7 of 13





Additional SIMs

Published 1978 - 1987

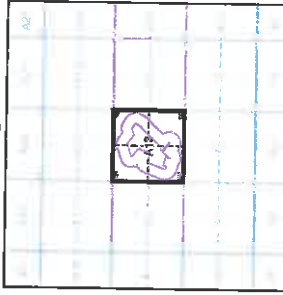
Source map scale - 1:2,500

The SIM cards (Ordnance Survey's 'Survey of Information on Macclesfield') are former, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1984, and contain detailed information on buildings, roads and land-uses. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)

605037	12,500
605037	12,500
605037	12,500

Historical Map - Segment A13



Order Details

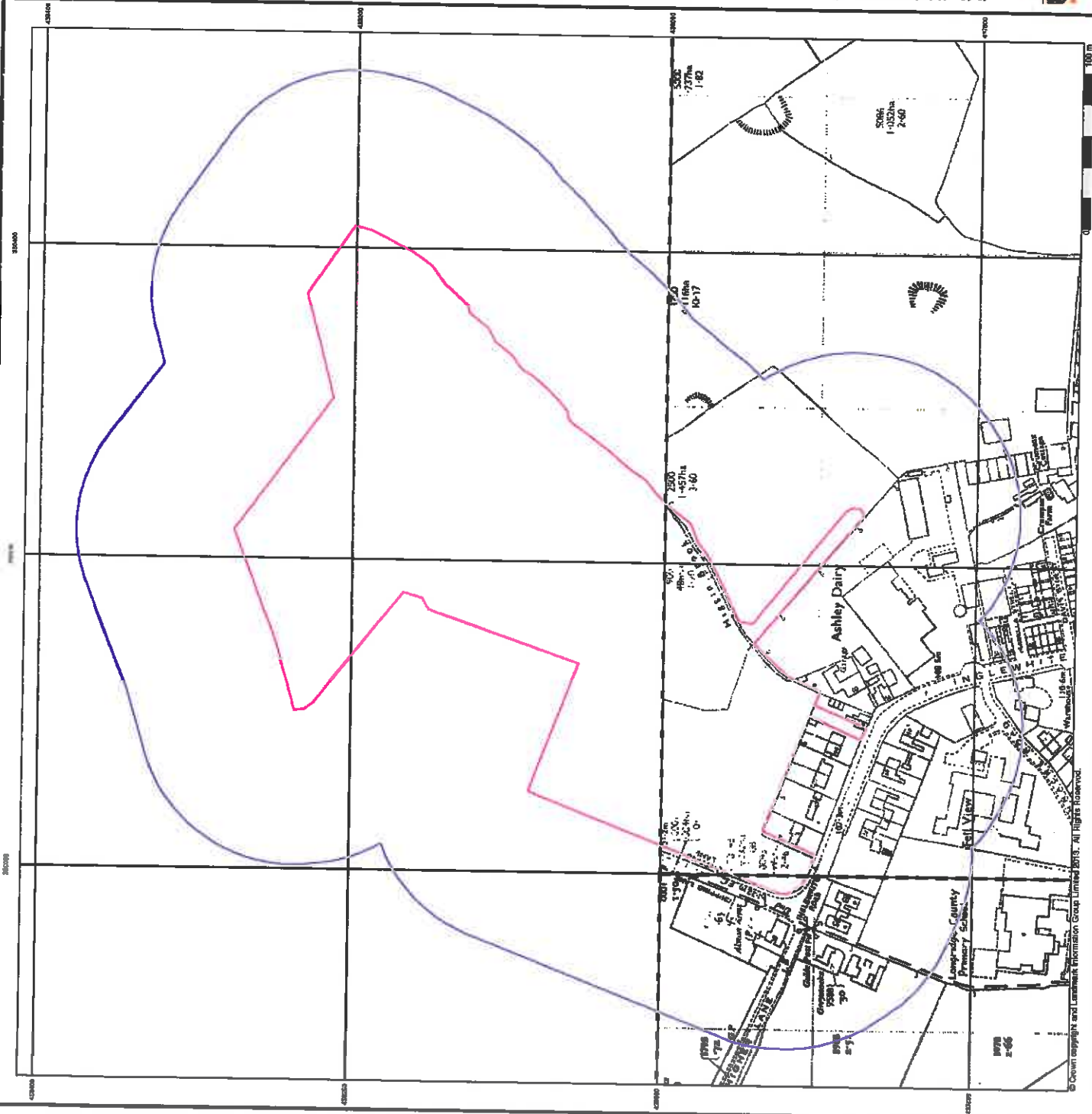
Order Number: 55312619_1_1
 Customer Ref: EB1355
 National Grid Reference: 360190, 438070
 Slice: A
 Site Area (Ha): 7.22
 Search Buffer (m): 100

Site Details

Site at 360190, 438020



Tel: 0544 844 9352
 Fax: 0544 844 9351
 Web: www.landmark.co.uk



© Crown copyright and Landmark Information Group Limited 2013. All Rights Reserved.



Additional SIMs

Published 1981 - 1992

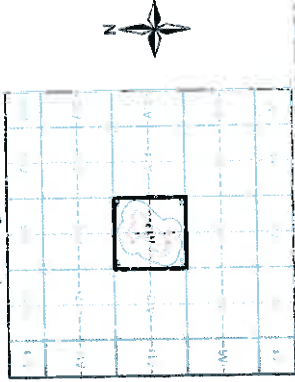
Source map scale - 1:2,500

The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, major editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1987 to 1994, and contain detailed information on buildings, roads and land-uses. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)

Subject	SD0037
Scale	1:2,500
Date	1982

Historical Map - Segment A13

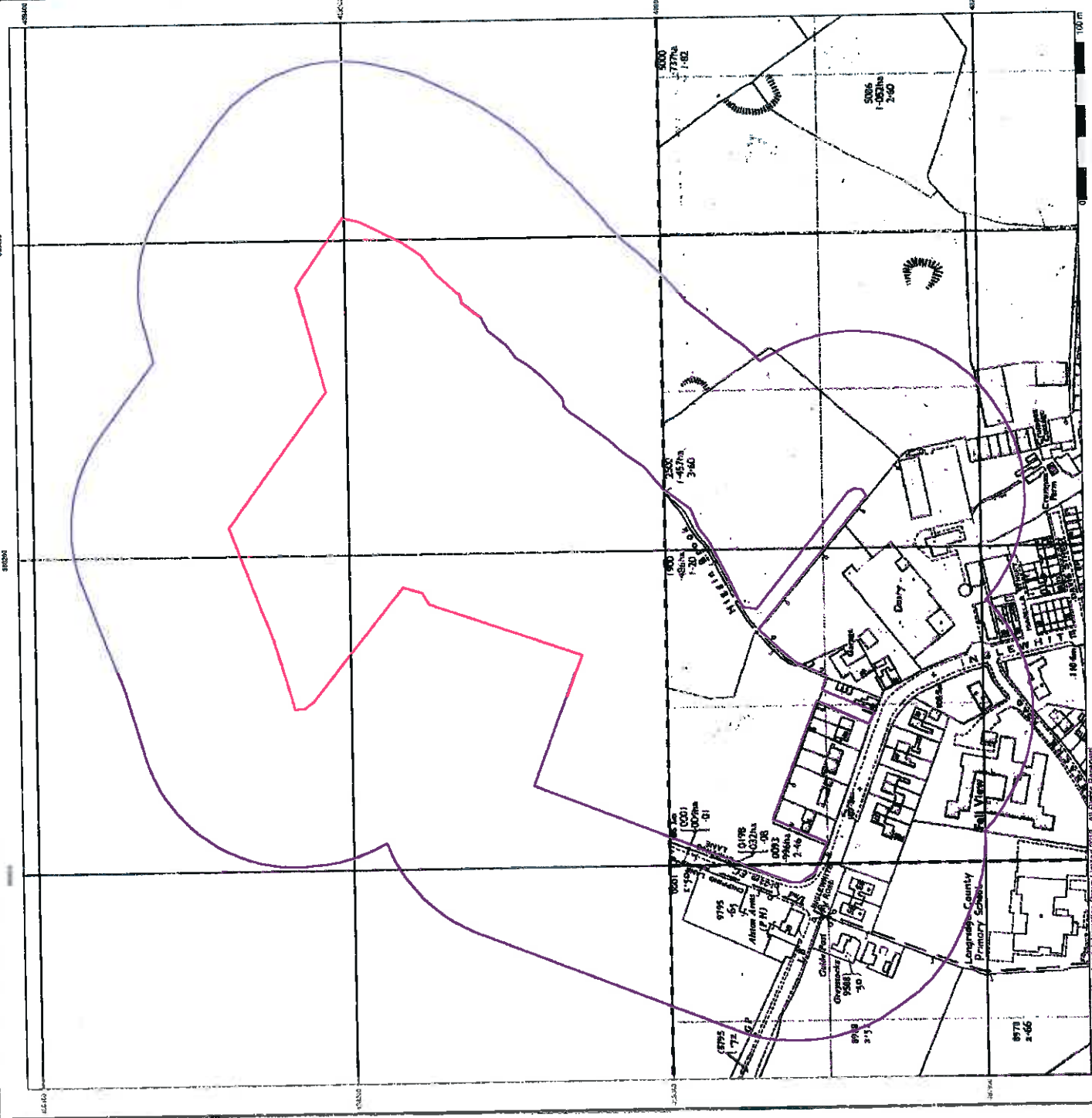


Order Details
 Order Number: 55312619_1_1
 EB1355
 Customer Ref: National Grid Reference: 360190, 438070
 Slices: A
 Site Area (Ha): 7.22
 Search Buffer (m): 100

Site Details
 Site at 360130, 438020



Call 0844 882
 0844 844 882
 www.landmark



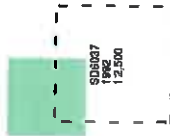


**Additional SIMS
Published 1992**

Source map scale - 1:2,500

The SIMS (Cadastral Surveys - Survey of Information on Miroslin) are further editions of mapping which were produced and published in 1992. The data was updated in 1994 and contains detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

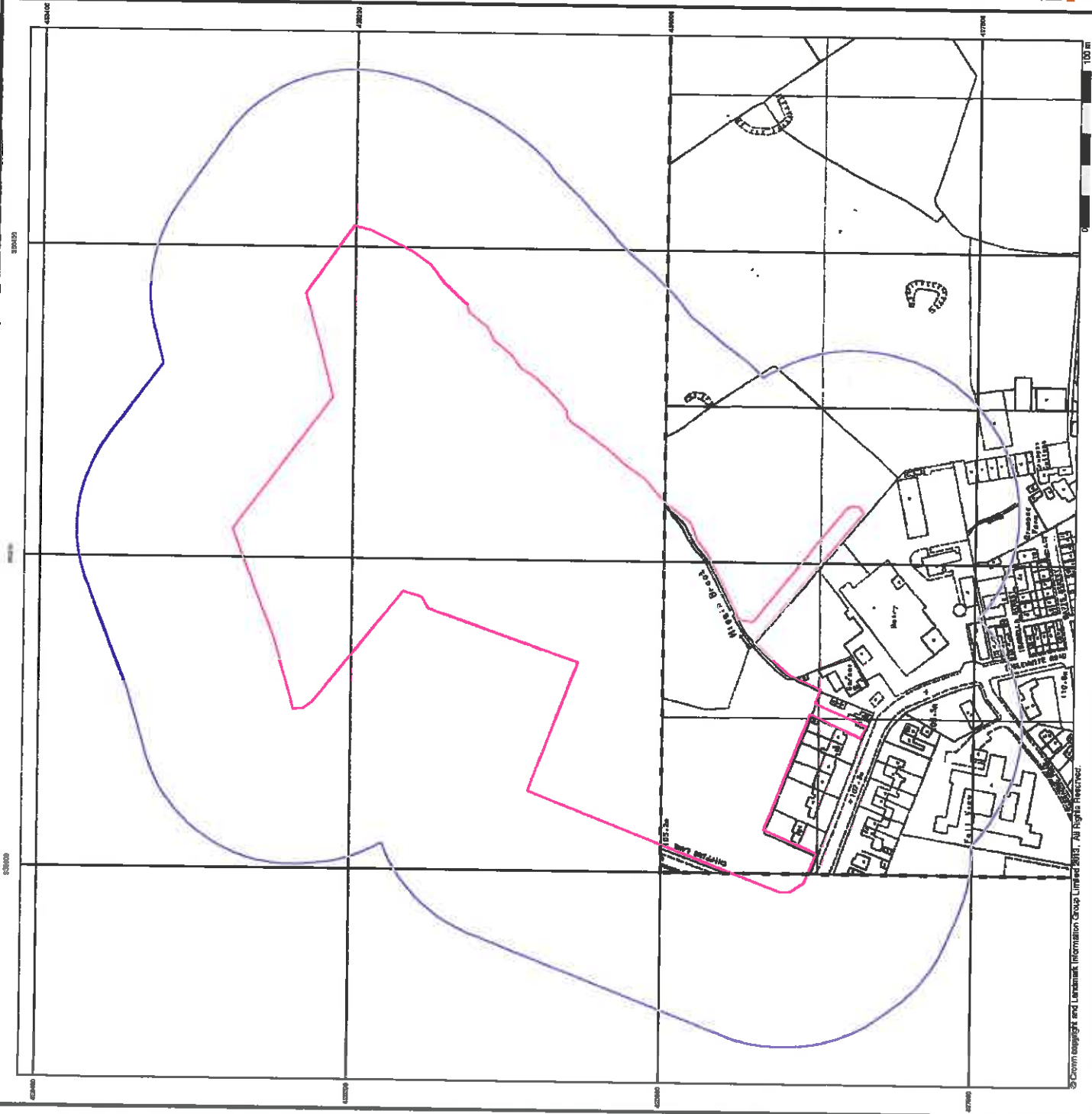
Order Number: 55312619_1_1
Customer Ref: EB1355
National Grid Reference: 360190, 438070
Site: A
Site Area (Ha): 7.22
Search Buffer (m): 100

Site Details

Site at 360130, 438020



Tel: 0244 244 8800
Fax: 0244 244 8801
Web: www.ornibook.co.uk





Large-Scale National Grid Data Published 1994

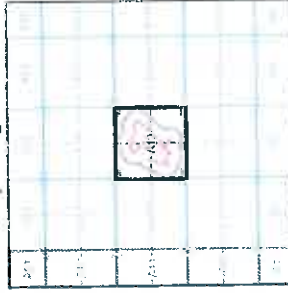
Source map scale - 1:2,500

'Large Scale National Grid Data' superseded SMI cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1994. These maps were the forerunners of digital mapping and so provide detailed information on houses and roads, but tend to show less 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)

SC25829	1984
SC25830	1984
SC25831	1984
SC25832	1984
SC25833	1984
SC25834	1984
SC25835	1984
SC25836	1984
SC25837	1984
SC25838	1984
SC25839	1984
SC25840	1984
SC25841	1984
SC25842	1984
SC25843	1984
SC25844	1984
SC25845	1984
SC25846	1984
SC25847	1984
SC25848	1984
SC25849	1984
SC25850	1984

Historical Map - Segment A13



Order Details

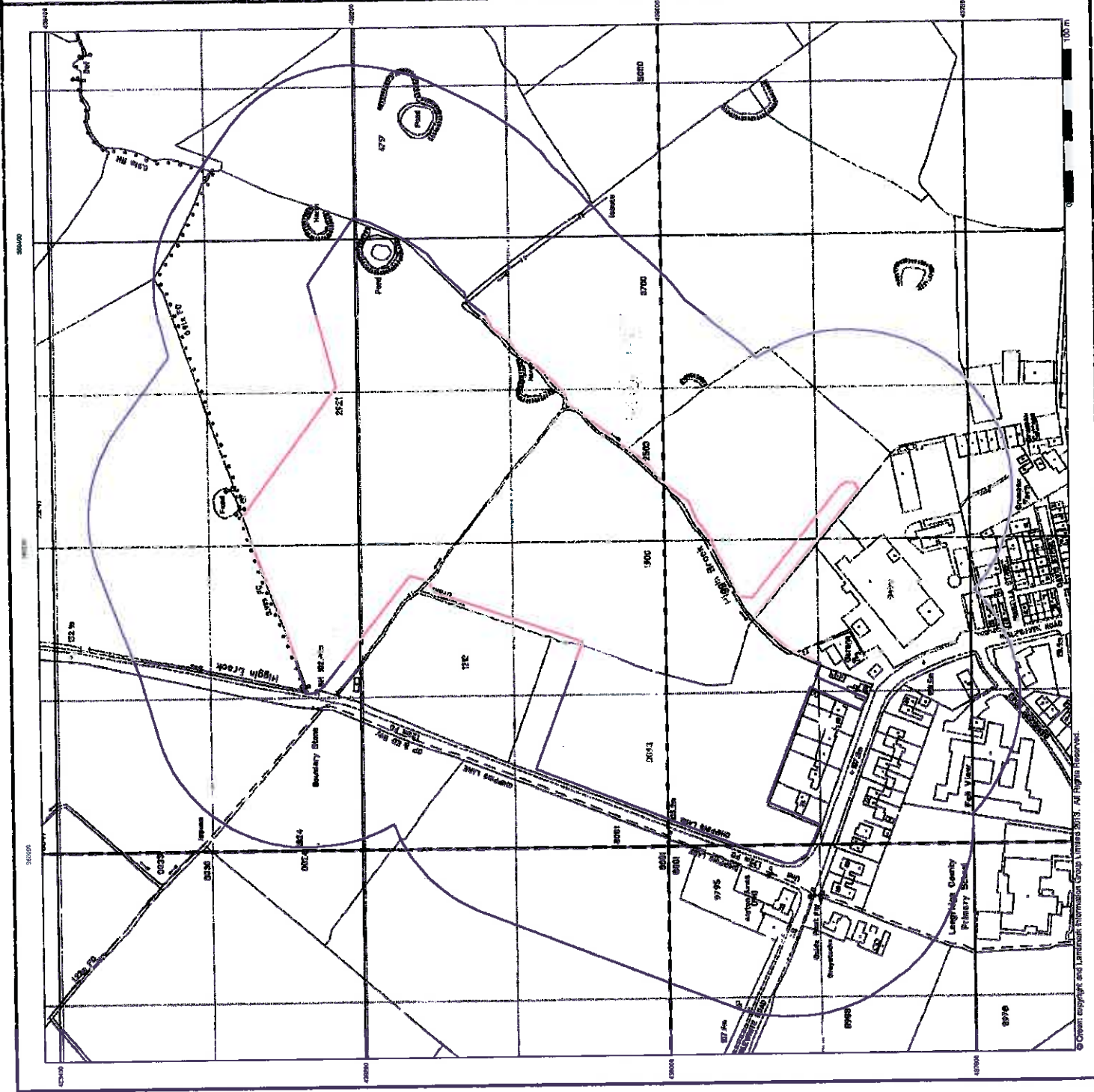
Order Number: 55312619_1_1
 Customer Ref: EB1355
 National Grid Reference: 360190, 438070
 Site: A
 Site Area (Ha): 7.22
 Search Buffer (m): 100

Site Details

Site at 360130, 438020



Tel: 0844 844 8852
 Fax: 0844 844 8951
 Web: www.landmark.co.uk





Large-Scale National Grid Data Published 1995

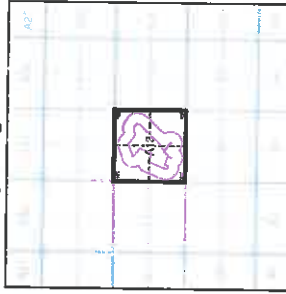
Source map scale - 1:2,500

Large Scale National Grid Data' aggregated 5M cards (Ordnance Survey's 'Large Information on Merit') in 1982, and converted to be produced with 1995. The information is the same as the information in the original maps and so provides detailed information on the location of roads, but does not show less 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):



Historical Map - Segment A13



Order Details

Order Number: 55312618_1_1
Customer Ref: EB1365
National Grid Reference: 360190, 438070
Site: A
Site Area (Ha): 7.22
Search Buffer (m): 100

Site Details

Site at 360130, 438020



Tel: 0944 844 882
Fax: 0944 844 851
Web: www.ornhatch.co.uk





Large-Scale National Grid Data Published 1996

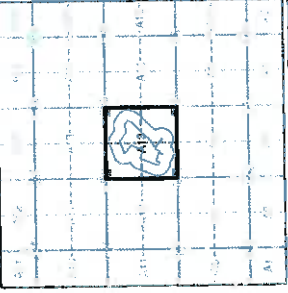
Source map scale - 1:2,500

'Large Scale National Grid Data' superseded SMI cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1996. These maps were the forerunners of digital mapping and so provide detailed information on houses and roads, but tend to show less 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)



Historical Map - Segment A13

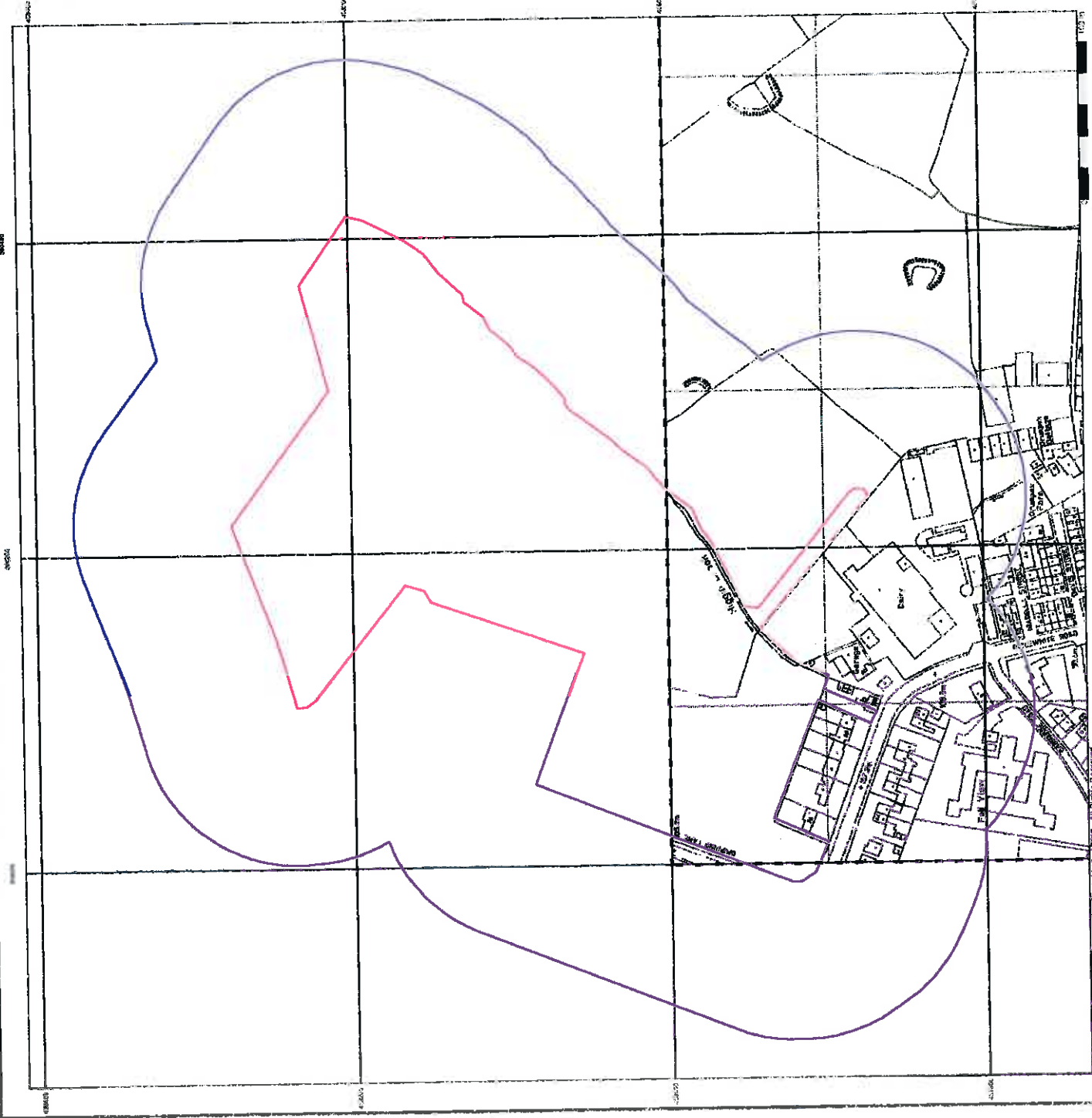


Order Details
 Order Number: 56312619_1_1
 Customer Ref: EB1355
 National Grid Reference: 360190, 438070
 Slice: A
 Site Area (Ha): 7.22
 Search Buffer (m): 100

Site Details
 Site at 360130, 438020



Tel: 0344 844 8852
 Fax: 0344 844 8853
 Web: www.landmark.co.uk



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Page
Lancashire And Furness	1:10,560	1847	3
Lancashire And Furness	1:10,560	1856	4
Lancashire And Furness	1:10,560	1873-1874	5
Lancashire And Furness	1:10,560	1882	6
Ordnance Survey Plan	1:10,000	1888	7
Ordnance Survey Plan	1:10,000	1888	8
Ordnance Survey Plan	1:10,000	1879	9
Ordnance Survey Plan	1:10,000	1878	10
Ordnance Survey Plan	1:10,000	1884	11
10K Raster Mapping	1:10,000	2001	12
10K Raster Mapping	1:10,000	2005	13
Vegetation Local	1:10,000	2014	14

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

Gravel Pit
 Sand Pit
 Refuse or Slag Heap
 Dunes
 Coniferous Trees
 Orchard
 Bramble
 Marsh
 Building
 Glasshouses
 Steep Masonry
 Casting
 Road Over
 Level Crossing
 Road over River
 Road over Stream
 County Boundary
 County & Civil Parish Boundary
 Administrative County & Civil Parish Boundary
 County Borough Boundary
 County Borough Boundary (England)
 County Borough Boundary (Scotland)
 Rural District Boundary
 Civil Parish Boundary

Chalk Pit, Clay Pit or Quarry
 Disused Pit or Quarry
 Lakes, Loch or Pond
 Boulders
 Non-Coniferous Trees
 Coppice
 Rough Grassland
 Saltings
 Direction of flow of water
 Pylon
 Electricity Transmission Line
 Pole
 Standard Gauge Multiple Track
 Standard Gauge Single Track
 Sliding, Tramway or Mineral Line
 Narrow Gauge
 Geographical County
 Administrative County, County Borough or County of City
 Municipal Borough, Urban or Rural District, Borough or District Council
 Borough, Urban or County Council
 Civil Parish
 Shows internally white subdivisions of boundaries occur

Gravel Pit
 Disused Pit or Quarry
 Lakes, Loch or Pond
 Boulders
 Non-Coniferous Trees
 Coppice
 Rough Grassland
 Saltings
 Direction of flow of water
 Pylon
 Electricity Transmission Line
 Pole
 Standard Gauge Multiple Track
 Standard Gauge Single Track
 Sliding, Tramway or Mineral Line
 Narrow Gauge
 Geographical County
 Administrative County, County Borough or County of City
 Municipal Borough, Urban or Rural District, Borough or District Council
 Borough, Urban or County Council
 Civil Parish
 Shows internally white subdivisions of boundaries occur

Chalk Pit, Clay Pit or Quarry
 Sand Pit
 Refuse or Slag Heap
 Dunes
 Coniferous Trees
 Orchard
 Bramble
 Marsh
 Building
 Glasshouses
 Steep Masonry
 Casting
 Road Over
 Level Crossing
 Road over River
 Road over Stream
 County Boundary
 County & Civil Parish Boundary
 Administrative County & Civil Parish Boundary
 County Borough Boundary
 County Borough Boundary (England)
 County Borough Boundary (Scotland)
 Rural District Boundary
 Civil Parish Boundary

Ordnance Survey County Series 1:10,560

Gravel Pit
 Sand Pit
 Refuse or Slag Heap
 Dunes
 Coniferous Trees
 Orchard
 Bramble
 Marsh
 Building
 Glasshouses
 Steep Masonry
 Casting
 Road Over
 Level Crossing
 Road over River
 Road over Stream
 County Boundary
 County & Civil Parish Boundary
 Administrative County & Civil Parish Boundary
 County Borough Boundary
 County Borough Boundary (England)
 County Borough Boundary (Scotland)
 Rural District Boundary
 Civil Parish Boundary

Chalk Pit, Clay Pit or Quarry
 Disused Pit or Quarry
 Lakes, Loch or Pond
 Boulders
 Non-Coniferous Trees
 Coppice
 Rough Grassland
 Saltings
 Direction of flow of water
 Pylon
 Electricity Transmission Line
 Pole
 Standard Gauge Multiple Track
 Standard Gauge Single Track
 Sliding, Tramway or Mineral Line
 Narrow Gauge
 Geographical County
 Administrative County, County Borough or County of City
 Municipal Borough, Urban or Rural District, Borough or District Council
 Borough, Urban or County Council
 Civil Parish
 Shows internally white subdivisions of boundaries occur

Gravel Pit
 Disused Pit or Quarry
 Lakes, Loch or Pond
 Boulders
 Non-Coniferous Trees
 Coppice
 Rough Grassland
 Saltings
 Direction of flow of water
 Pylon
 Electricity Transmission Line
 Pole
 Standard Gauge Multiple Track
 Standard Gauge Single Track
 Sliding, Tramway or Mineral Line
 Narrow Gauge
 Geographical County
 Administrative County, County Borough or County of City
 Municipal Borough, Urban or Rural District, Borough or District Council
 Borough, Urban or County Council
 Civil Parish
 Shows internally white subdivisions of boundaries occur

Chalk Pit, Clay Pit or Quarry
 Sand Pit
 Refuse or Slag Heap
 Dunes
 Coniferous Trees
 Orchard
 Bramble
 Marsh
 Building
 Glasshouses
 Steep Masonry
 Casting
 Road Over
 Level Crossing
 Road over River
 Road over Stream
 County Boundary
 County & Civil Parish Boundary
 Administrative County & Civil Parish Boundary
 County Borough Boundary
 County Borough Boundary (England)
 County Borough Boundary (Scotland)
 Rural District Boundary
 Civil Parish Boundary

1:10,000 Raster Mapping

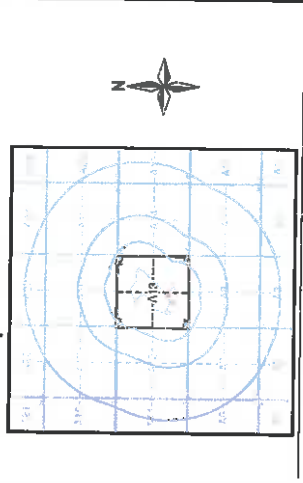
Gravel Pit
 Rock
 Boulders
 Shingle
 Sand
 Slopes
 General detail
 Overhead detail
 Multi-track railway
 Single track railway
 Civil, parish or community boundary
 Constituency boundary
 Area of wooded vegetation
 Non-coniferous trees (scattered)
 Coniferous trees (scattered)
 Positioned tree
 Coppice or Ostera
 Heath
 Marsh, Salt Marsh or Reeds
 Water feature
 Mean High water (springs)
 Mean low water (springs)
 Electricity transmission line (with poles)
 Triangulation station
 Point feature (e.g. Guide Post or Mile Stone)
 Site of antiquity
 General Building
 Important Building

Gravel Pit
 Rock
 Boulders
 Shingle
 Sand
 Slopes
 General detail
 Overhead detail
 Multi-track railway
 Single track railway
 Civil, parish or community boundary
 Constituency boundary
 Area of wooded vegetation
 Non-coniferous trees (scattered)
 Coniferous trees (scattered)
 Positioned tree
 Coppice or Ostera
 Heath
 Marsh, Salt Marsh or Reeds
 Water feature
 Mean High water (springs)
 Mean low water (springs)
 Electricity transmission line (with poles)
 Triangulation station
 Point feature (e.g. Guide Post or Mile Stone)
 Site of antiquity
 General Building
 Important Building

Gravel Pit
 Rock
 Boulders
 Shingle
 Sand
 Slopes
 General detail
 Overhead detail
 Multi-track railway
 Single track railway
 Civil, parish or community boundary
 Constituency boundary
 Area of wooded vegetation
 Non-coniferous trees (scattered)
 Coniferous trees (scattered)
 Positioned tree
 Coppice or Ostera
 Heath
 Marsh, Salt Marsh or Reeds
 Water feature
 Mean High water (springs)
 Mean low water (springs)
 Electricity transmission line (with poles)
 Triangulation station
 Point feature (e.g. Guide Post or Mile Stone)
 Site of antiquity
 General Building
 Important Building

Gravel Pit
 Rock
 Boulders
 Shingle
 Sand
 Slopes
 General detail
 Overhead detail
 Multi-track railway
 Single track railway
 Civil, parish or community boundary
 Constituency boundary
 Area of wooded vegetation
 Non-coniferous trees (scattered)
 Coniferous trees (scattered)
 Positioned tree
 Coppice or Ostera
 Heath
 Marsh, Salt Marsh or Reeds
 Water feature
 Mean High water (springs)
 Mean low water (springs)
 Electricity transmission line (with poles)
 Triangulation station
 Point feature (e.g. Guide Post or Mile Stone)
 Site of antiquity
 General Building
 Important Building

Historical Map - Slice A



Order Details

Order Number: 55312619_1_1
 Customer Ref: EB1355
 National Grid Reference: 360180, 438070
 Slice: A
 Site Area (Ha): 7.22
 Search Buffer (m): 1000

Site Details

Site at 360130, 438020



Tel: 0144 844 8852
 Web: www.landmark.co.uk

Mapping Type	Scale	Date	Pg.
Lancashire And Furness	1:10,000	1847	3
Lancashire And Furness	1:10,000	1858	4
Lancashire And Furness	1:10,000	1913 - 1914	6
Lancashire And Furness	1:10,000	1932	6
Ordnance Survey Plan	1:10,000	1886	7
Ordnance Survey Plan	1:10,000	1968	8
Ordnance Survey Plan	1:10,000	1970	9
Ordnance Survey Plan	1:10,000	1976	11
Ordnance Survey Plan	1:10,000	1984	12
10K Raster Mapping	1:10,000	2004	13
10K Raster Mapping	1:10,000	2006	14
Vectorising Local	1:10,000	2014	15

Key to Numbers on Mapping

Russian Military Mapping Legends

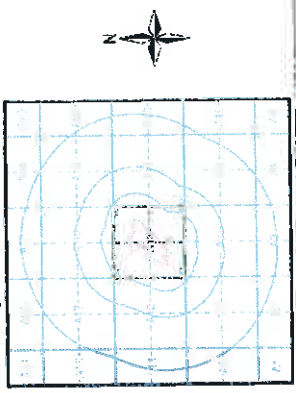
1:25,000 mapping

Legend for 1:25,000 mapping. Includes symbols for Government and Administrative Buildings, Military and Industrial Buildings, Subway Entrances, Demolished Buildings, Bulk-Up Areas, and various types of power stations and towers.

1:5,000 and 1:10,000 mapping

Legend for 1:5,000 and 1:10,000 mapping. Includes symbols for Government and Administrative Buildings, Military and Industrial Buildings, Subway Entrances, and various types of power stations and towers. Also includes a Russian Alphabet reference table.

Russian Map - Slice A



Order Details
 Order Number: 55312819_1_1
 Customer Ref: EB1355
 National Grid Reference: 360190, 438070
 Sites: A
 Site Area (Ha): 7.22
 Search Buffer (m): 1000
 Site Details
 Site at 360130, 438020



Lancashire And Furness Published 1847

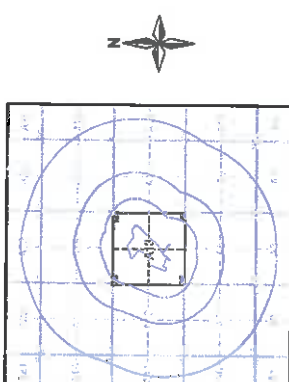
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the Ordnance Survey for England, Wales and Scotland in the 1940's. In 1954 the 12,500 scale maps were updated to 1:10,560 scale. The maps shown here are often some years later than the surveyed data. Before 1938 all OS maps were based on the Cassini Projection, with independent inaccuracies in every county or group of counties, giving rise to significant inaccuracies in adjoining areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear 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

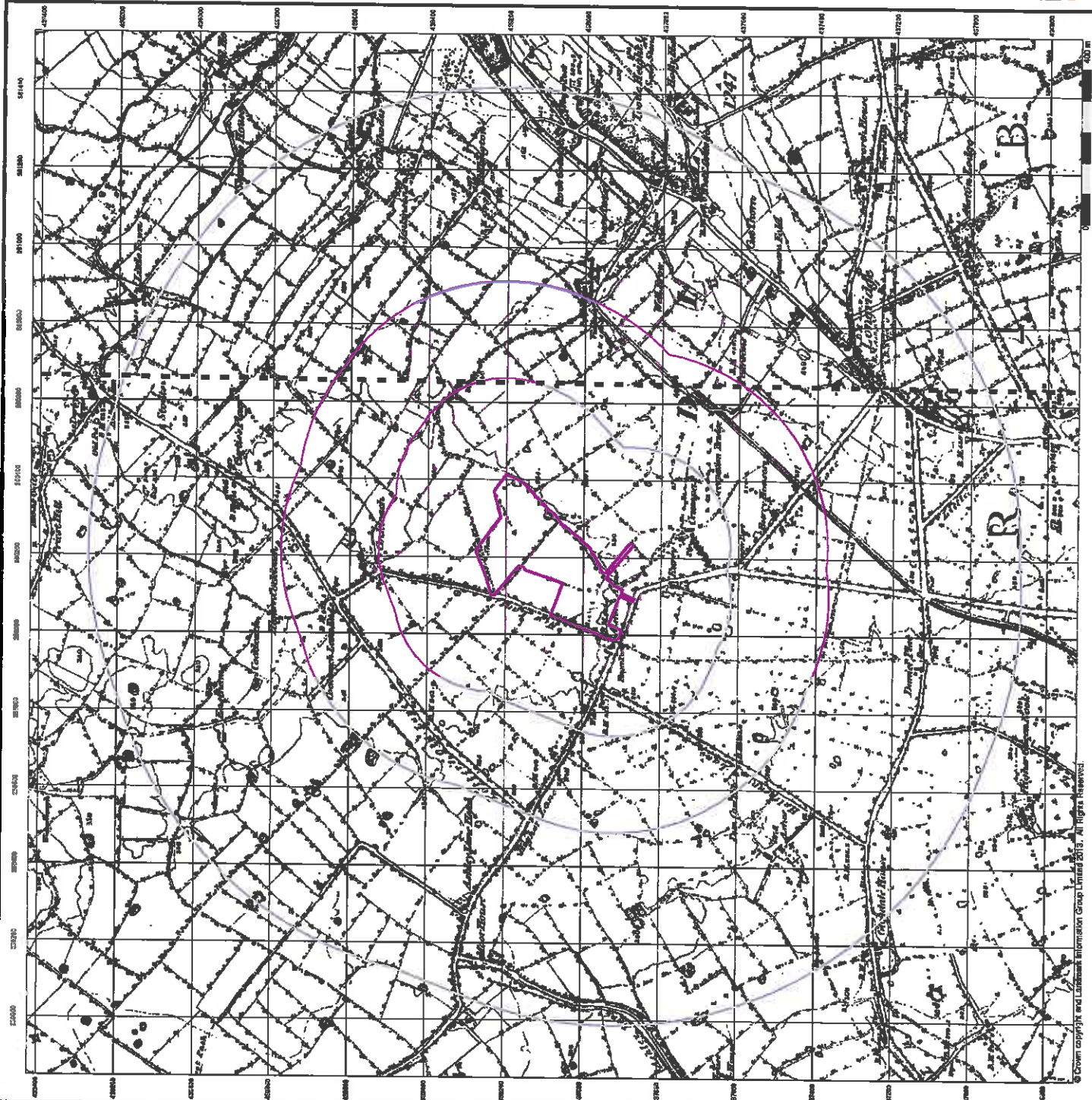
Order Number: 56312619_L1
Customer Ref: EB1365
National Grid Reference: 360190, 438070
Slice: A
Site Area (Ha): 7.22
Search Buffer (m): 1000

Site Details

Site at 360130, 438020



Tel: 0944 844 8802
Fax: 0944 844 8951
Web: www.landmark.co.uk



© Crown copyright and Landmark Information Group Limited 2013. All Rights Reserved.



**Lancashire And Furness
Published 1895**

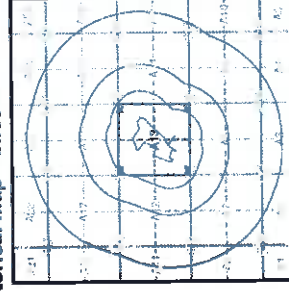
Source map scale - 1:10,560

The National maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:25,000 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1838, 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 1840's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appeared unfinished - with all military camps and military roads. In 1870, the first maps were initially overprinted with the National Grid. In 1970, the first 1:10,560 maps were reprinted using the Transverse Mercator Projection. The current maps were reprinted until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

OSANE 1825 1:10,560	OSANW 1825 1:10,560	OSSE 1825 1:10,560	OSSW 1825 1:10,560
---------------------------	---------------------------	--------------------------	--------------------------

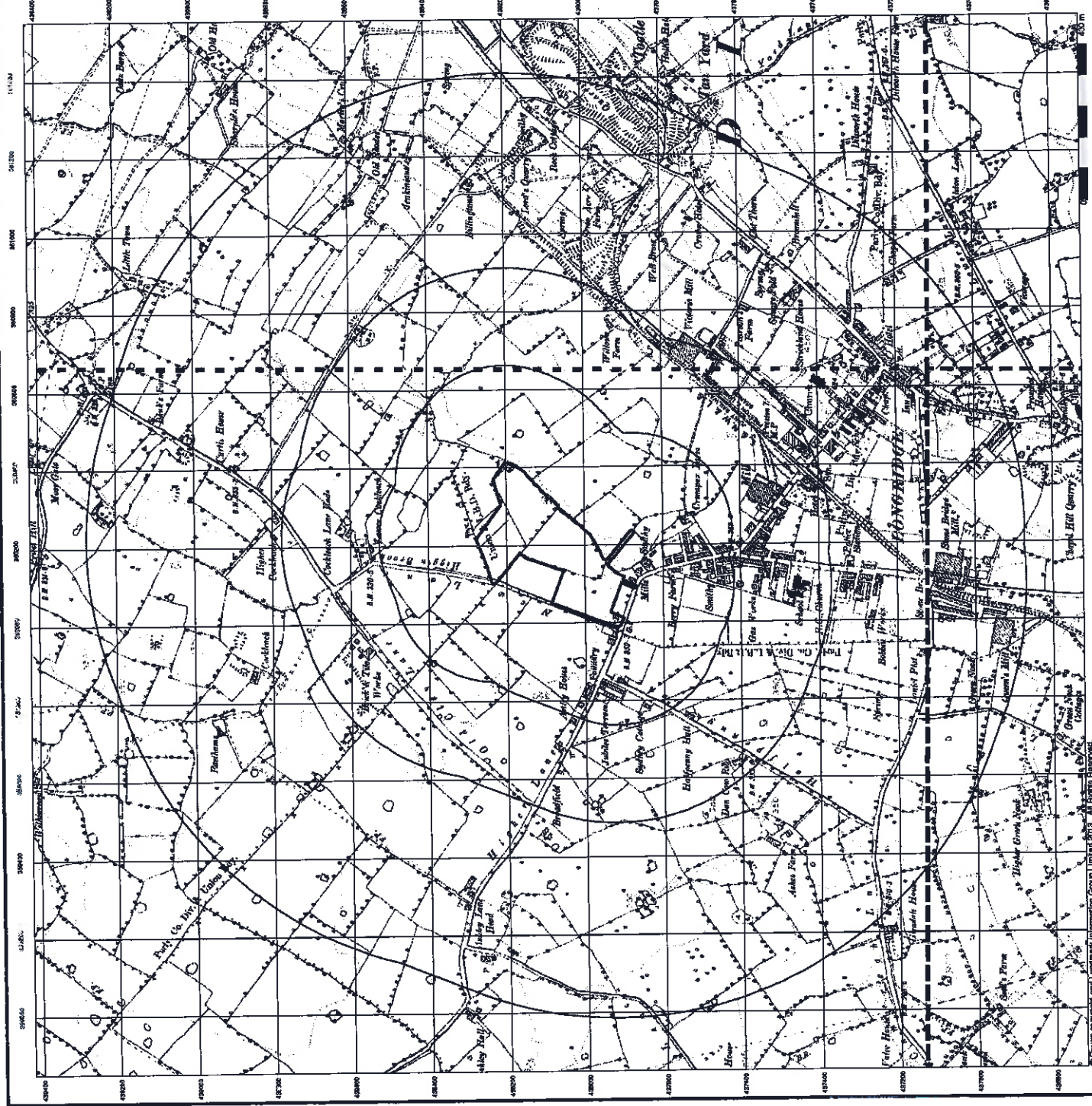
Historical Map - Slice A



Order Details
 Order Number: 55312519_1_1
 Customer Ref: EB1355
 National Grid Reference: 360180, 438070
Site Details
 Site Area (Ha): 7.22
 Search Buffer (m): 1000
 Site at 360130, 438020



Tel: 0844 844 8892
 Fax: 0844 844 8893
 Web: www.landmark.co.uk





Lancashire And Furness Published 1913 - 1914

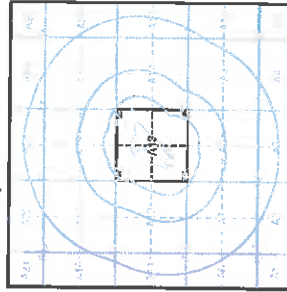
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held in the Ordnance Survey archives. The maps were digitised in 1984 and the data was used to update the 1:10,560 scale maps. The data from these maps were then used to update the 1:10,560 scale maps. The data from these maps were then used to update the 1:10,560 scale maps. The data from these maps were then used to update the 1:10,560 scale maps.

Map Name(s) and Date(s)

OS31NE 1913 1:10,560	OS41NW 1913 1:10,560
OS31SE 1914 1:10,560	OS41SW 1913 1:10,560

Historical Map - Slice A



Order Details

Order Number: 56312619_1_1
 Customer Ref: EB1355
 National Grid Reference: 360190, 436070

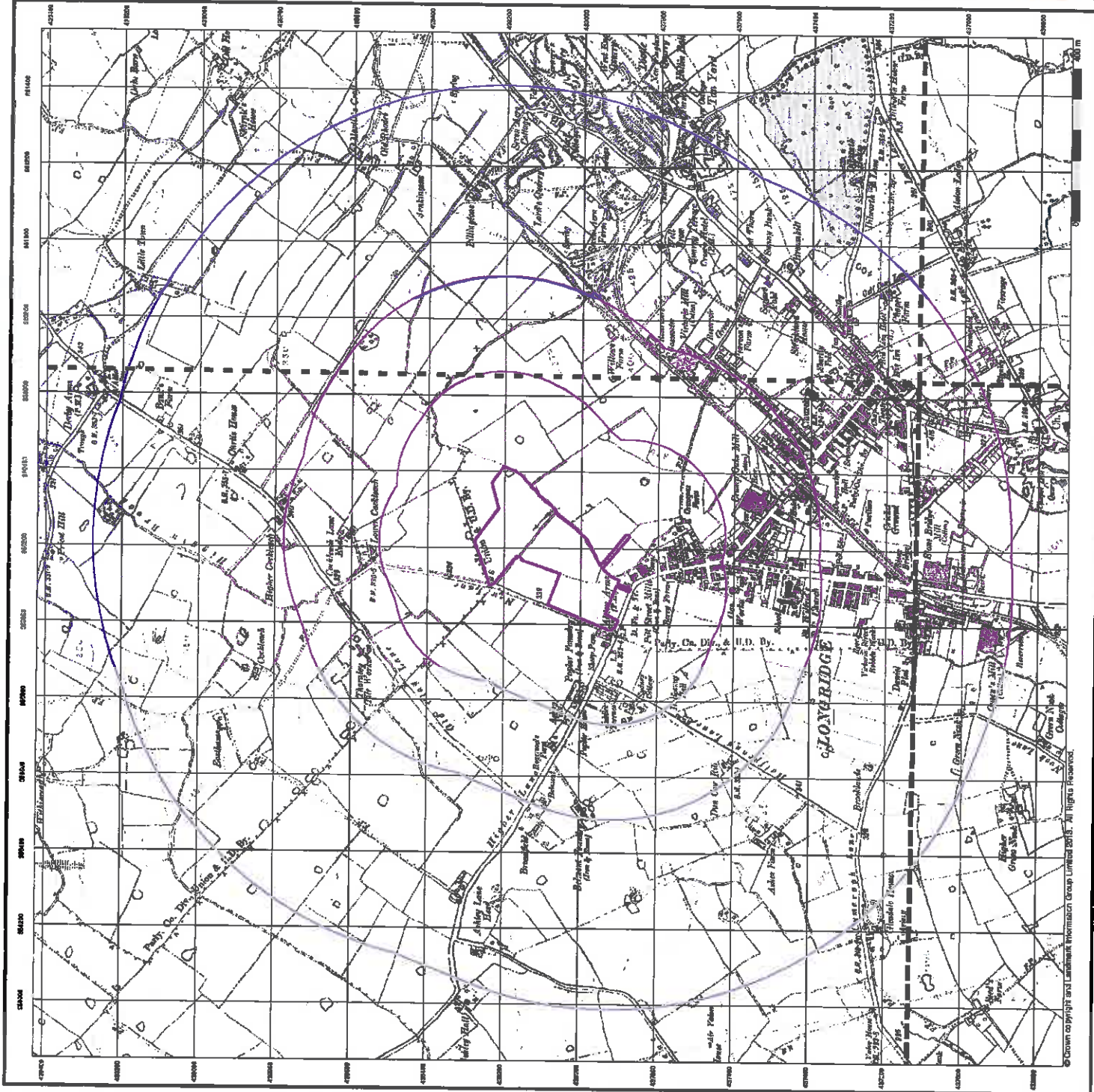
Site: A
 Site Area (Ha): 7.22
 Search Buffer (m): 1000

Site Details

Site at 360130, 436020



Tel: 0944 844 892
 Fax: 0944 844 951
 Web: www.everest.co.uk





Lancashire And Furness Published 1932

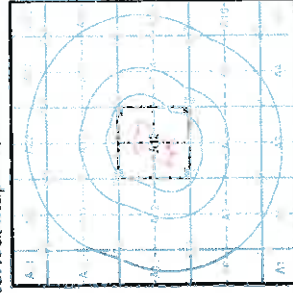
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1864 the 1:2,500 scale was adopted for mapping urban areas: these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in adjoining areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appeared, unannotated - with all military surveys with the National Grid. In 1970, the first 1:10,560 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)

OSANE OS2V 1:10,560	OSANNW OS2V 1:10,560
OSSE 1:10,560	OS4SW 1:10,560

Historical Map - Slice A



Order Details

Order Number: 5532619_1_1
 Customer Ref: EB135E
 National Grid Reference: 360190 438070
 Slice: A
 Site Area (ha): 7.22
 Search Buffer (m): 1000
 Site Details
 Site at 360130, 438020



Tel: 0844 844 8892
 Web: www.landmark.co.uk





Ordnance Survey Plan

Published 1988

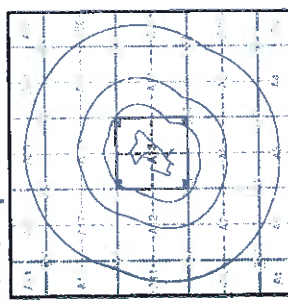
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,000 maps. The published data given therefore is often some years later than the surveyed data. Before 1858, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in adjoining areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,000 mapping from a number of sources. This 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

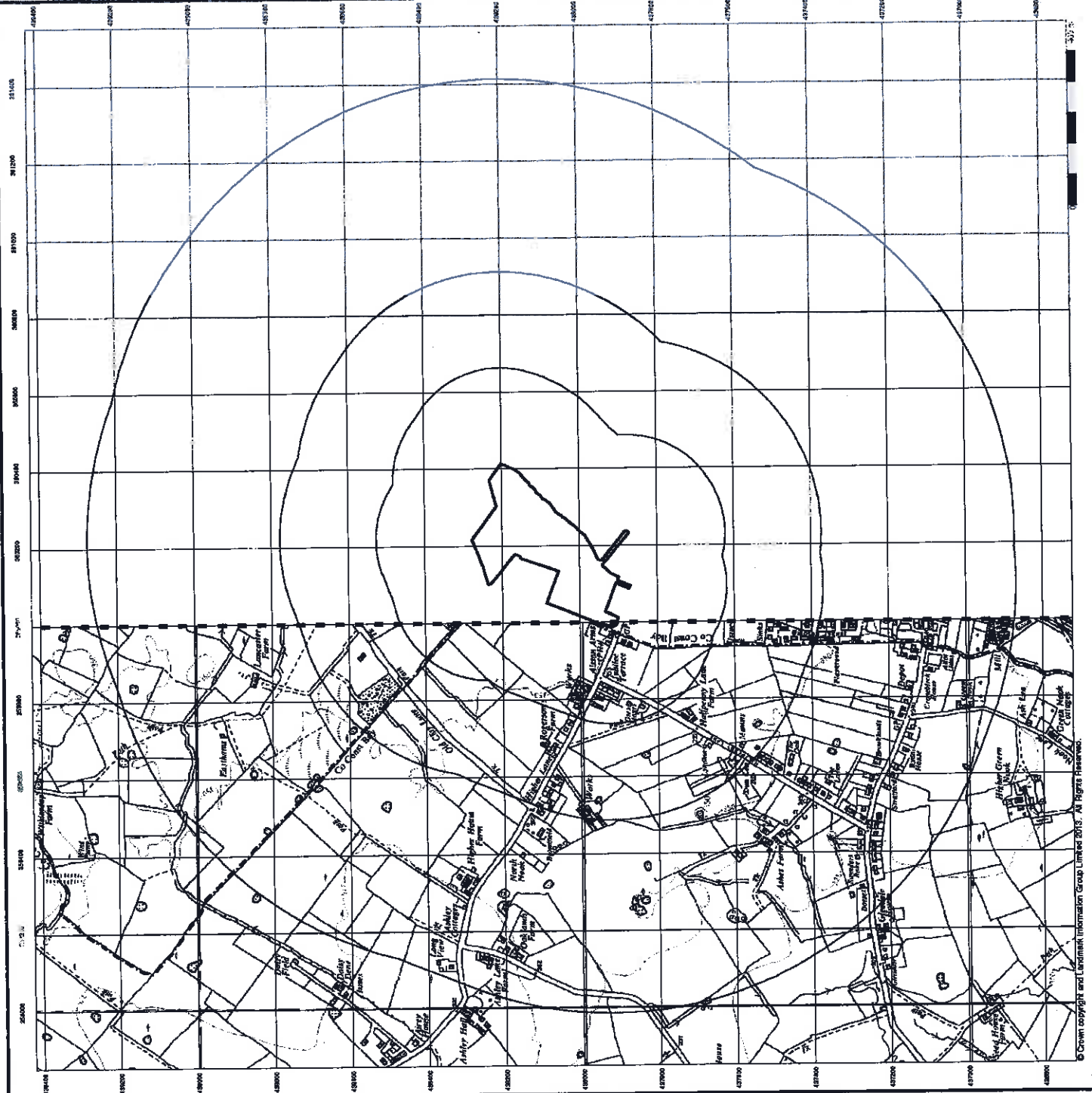


Order Details

Order Number: 55312619_1_1
Customer Ref: EB1355
National Grid Reference: 360190, 438070
Slice: A
Site Area (Ha): 7.22
Search Buffer (m): 1000
Site Details
Site at 360130, 438020



Landmark Information Group Services Ltd
Tel: 0844 844 8852
Fax: 0844 844 8853
Web: www.landmark.co.uk
A Landmark Information Group Service ref: 14-APP-2014 P. 3/15



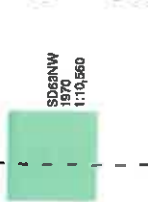


**Ordnance Survey Plan
Published 1970**

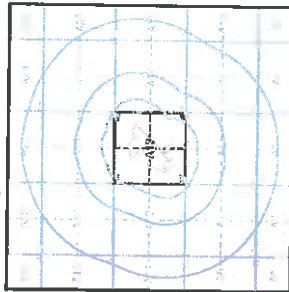
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held in the custody of the Ordnance Survey in the 1940's. In 1964 the Ordnance Survey was asked to produce a series of maps for use in mapping urban areas; these maps were then used to update the 1:10,000 maps. The historical maps shown here are often some years later than the original maps. In 1954, all OS maps were based on the Cassini Projection, with inaccuracies of a single county or group of counties, giving rise to significant inaccuracies in mapping areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,000 maps from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

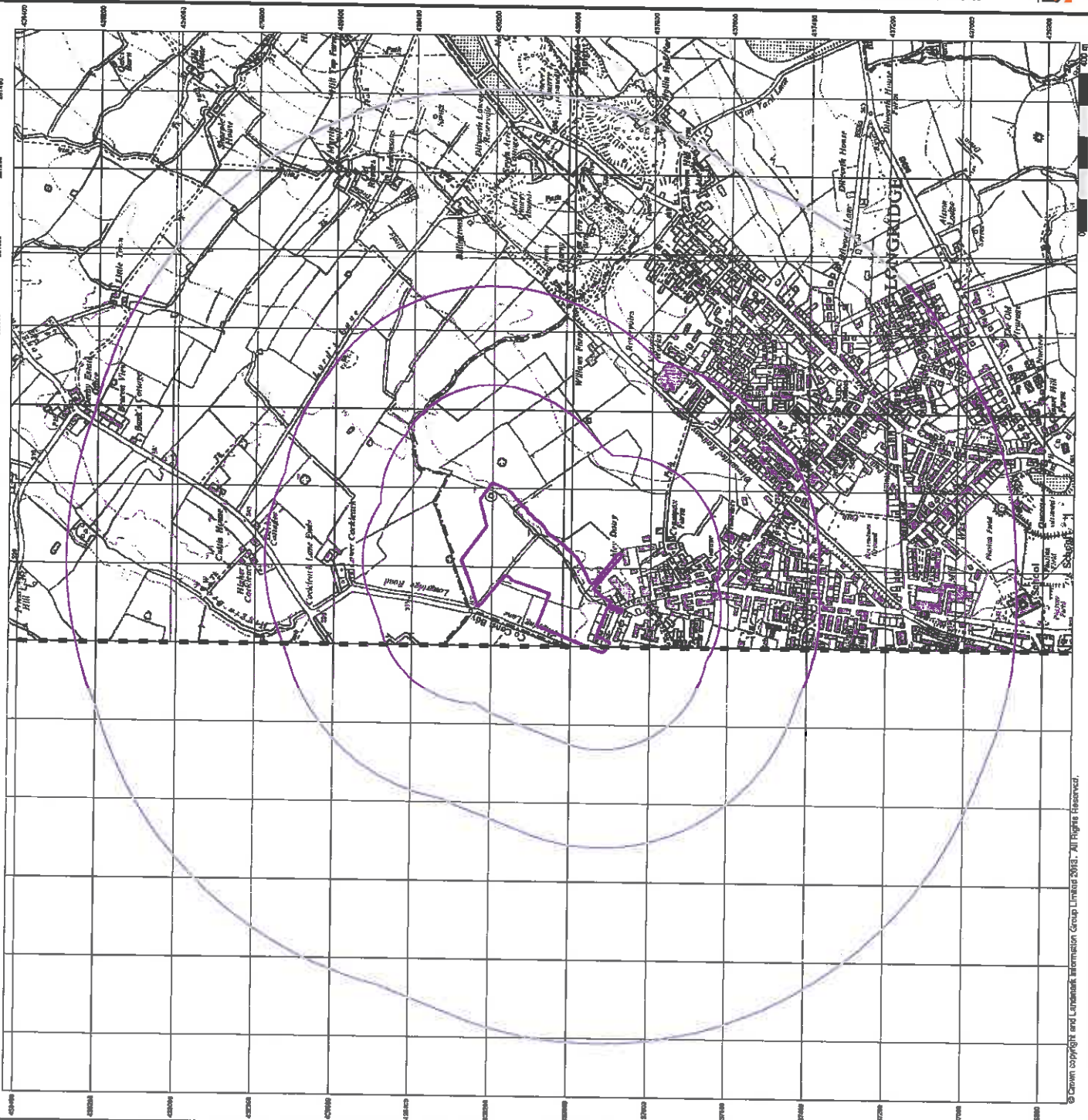
Order Number: 55312619_1_1
 Customer Ref: EB1365
 National Grid Reference: 360190, 436070
 Slice: A
 Site Area (Ha): 7.22
 Search Buffer (m): 1000

Site Details

Site at 360130, 436020



Tel: 0444 844 585
 Fax: 0444 844 585
 Web: www.landmark.co.uk





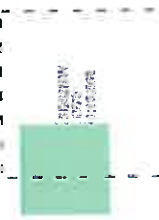
Ordnance Survey Plan

Published 1970

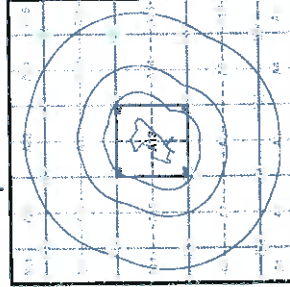
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale selected for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,000 maps. The published data given therefore is often some years later than the surveyed data. Before 1939, 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 1:10,000 mapping from a number of sources. The maps appear unaltered - with all military camps and other strategic information. These maps were initially overlaid with the National Grid in 1970. The 1:10,000 maps were produced using the Transverse Mercator Projection. The relation between the two projections is detailed in the OS Grid Conversion Tables, which are available from Ordnance Survey, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A

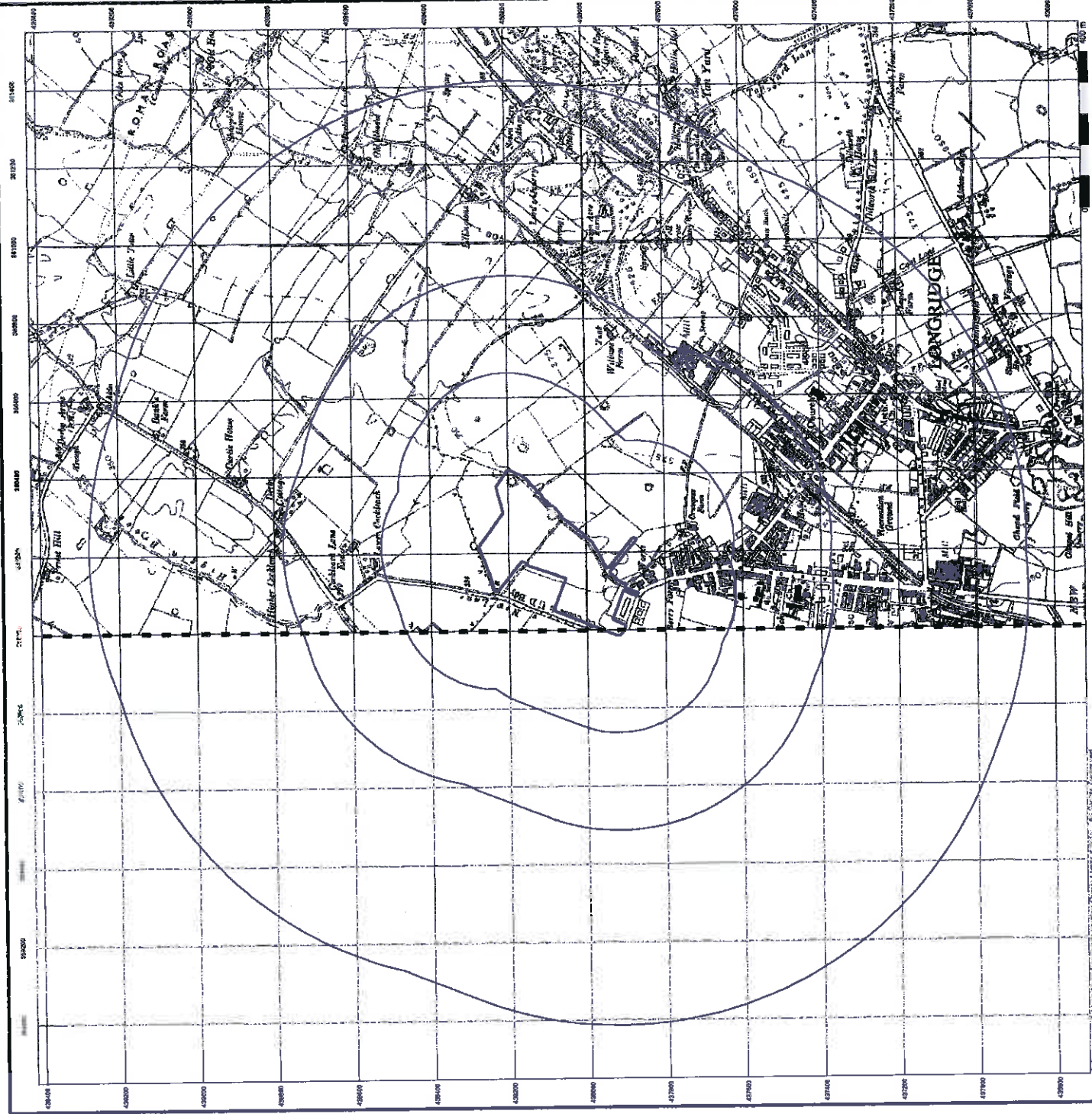


Order Details
 Order Number: 55312619_1.1
 Customer Ref: EB1365
 National Grid Reference: 360190, 438070
 Slice: A
 Site Area (Ha): 7.22
 Search Buffer (m): 1000

Site Details
 Site at 360130, 438020



Landmark Information Group GmbH
 Tel: 0844 844 8882
 Fax: 0844 844 8851
 Email: sales@landmark.co.uk
 14-Apr-2014 Page 10 of 15



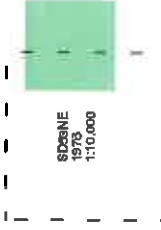


**Preston
Published 1976**

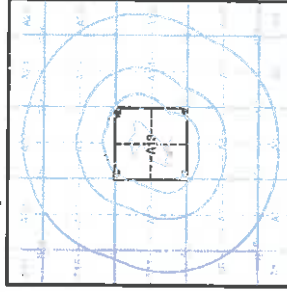
Source map scale - 1:10,000

These maps were produced by the Russian military during the Cold War between 1950 and 1967, and cover 100 times the area mapped in the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scales and are divided into land use, with colour-coded areas for development, green areas, and non-developed areas. Buildings are coloured black and important buildings (such as hospitals, post offices, factories etc.) are numbered, with a numbered key describing their use. They were produced by the Russians for the benefit of navigation, as well as strategic military sites and transport hubs, for use if they were to have invaded the U.K. The detailed information provided indicates that the areas were surveyed using land-based personnel, on the ground, in the cities that are mapped.

Map Name(s) and Date(s)



Russian Map - Slice A



Order Details

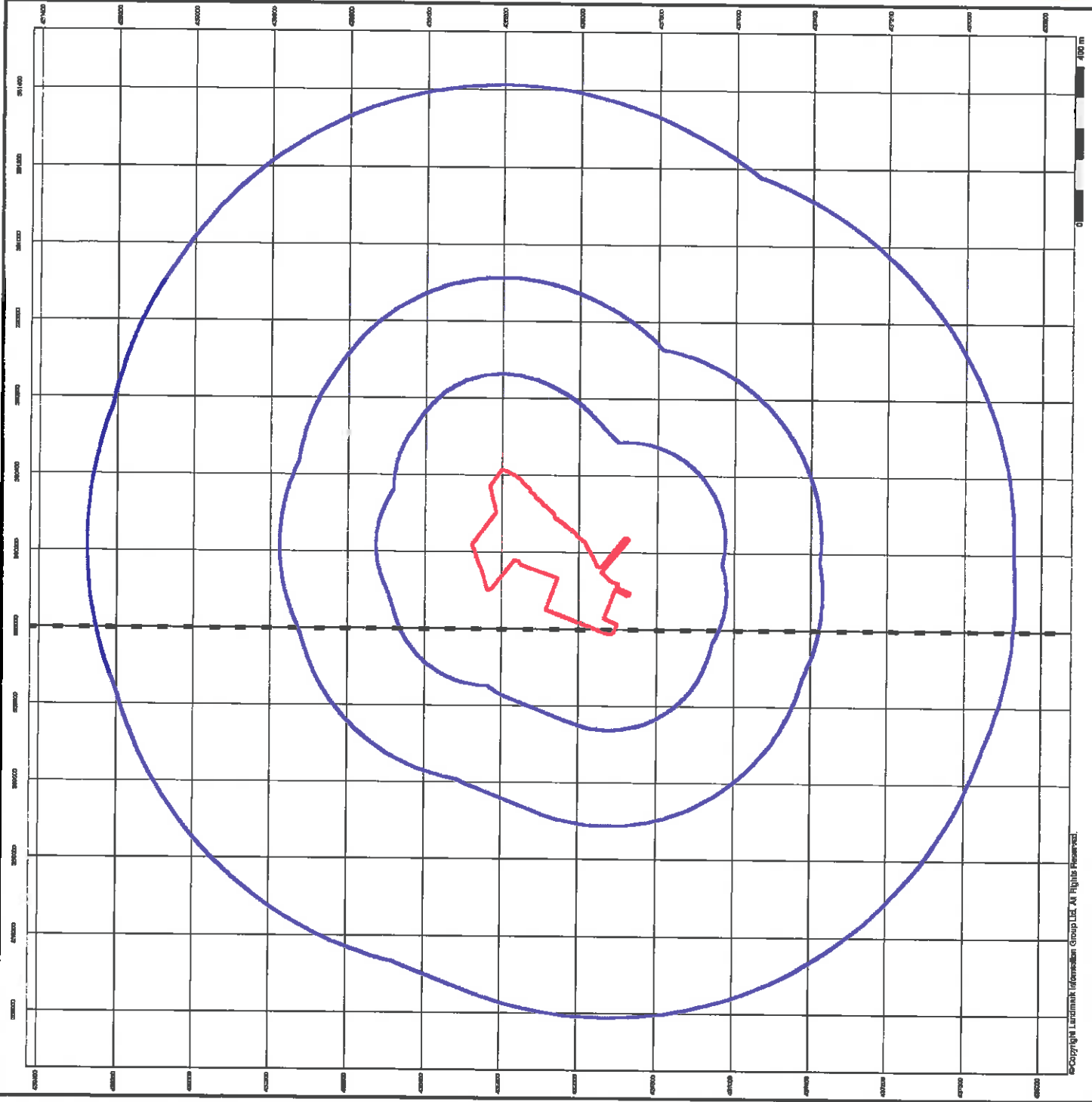
Order Number: 55312819_1_1
Customer Ref: EB1355
National Grid Reference: 360130, 438070
Site: A
Site Area (Ha): 7.22
Search Buffer (m): 1000

Site Details

Site at 360130, 438020



A Landmark Information Group Service v47.0 14-Apr-2014 Page 11 of 15
Tel: 0844 544 8852
Fax: 0844 544 8851
Web: www.landmark.co.uk





Ordnance Survey Plan

Published 1994

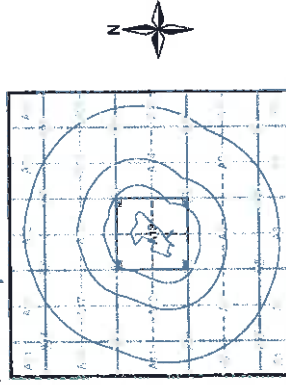
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the Ordnance Survey in the United Kingdom in the 1940's. In 1984 the 1:25,000 OS maps were updated for many urban areas; these maps were then scanned to produce the 1:10,000 maps. The published data shown therefore is often some years later than the surveyed data. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys in adjoining counties or groups of counties, giving rise to significant inaccuracies in adjoining areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,000 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

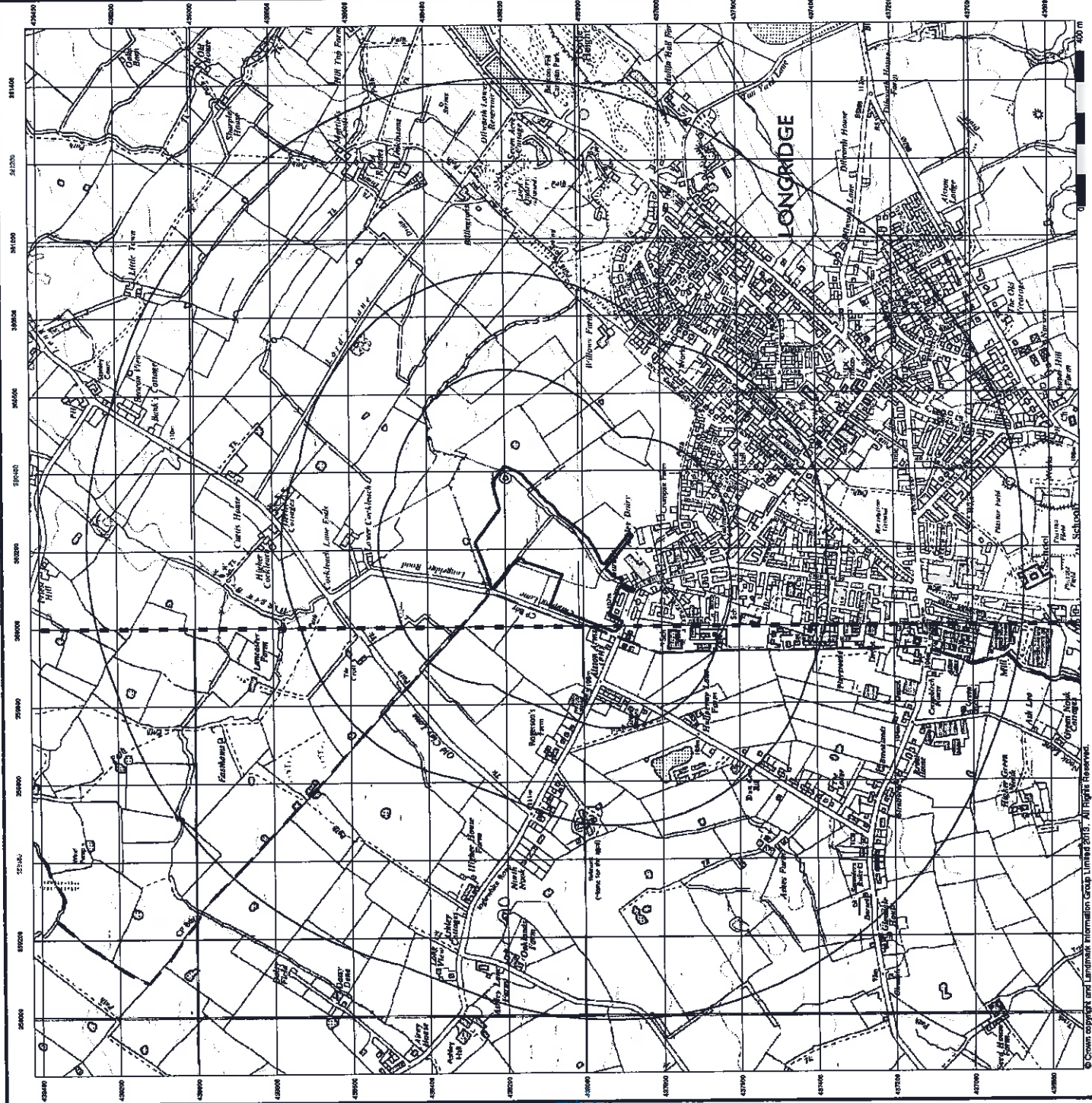
Order Number: 55312619_1_1
Customer Ref: EB1355
National Grid Reference: 360190, 438070
Slice: A
Site Area (Ha): 7.22
Search Buffer (m): 1000

Site Details

Site at 360190, 438020



Tel: 0844 844 6852
Fax: 0844 844 6851
Web: www.landmark.co.uk



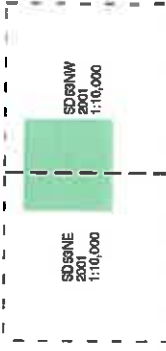


10k Raster Mapping Published 2001

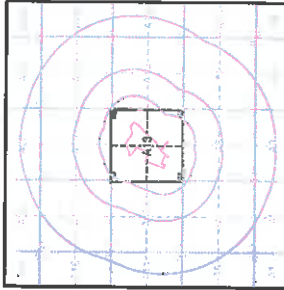
Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey's 1:10,000 urban maps. These maps are derived from Ordnance Survey's 1:50,000 urban maps which released the old 1:10,000 maps which were published in 1977. The maps are highly detailed showing buildings, fences and field boundaries with all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depicted includes county, unitary authority, district, civil parish and constituency.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

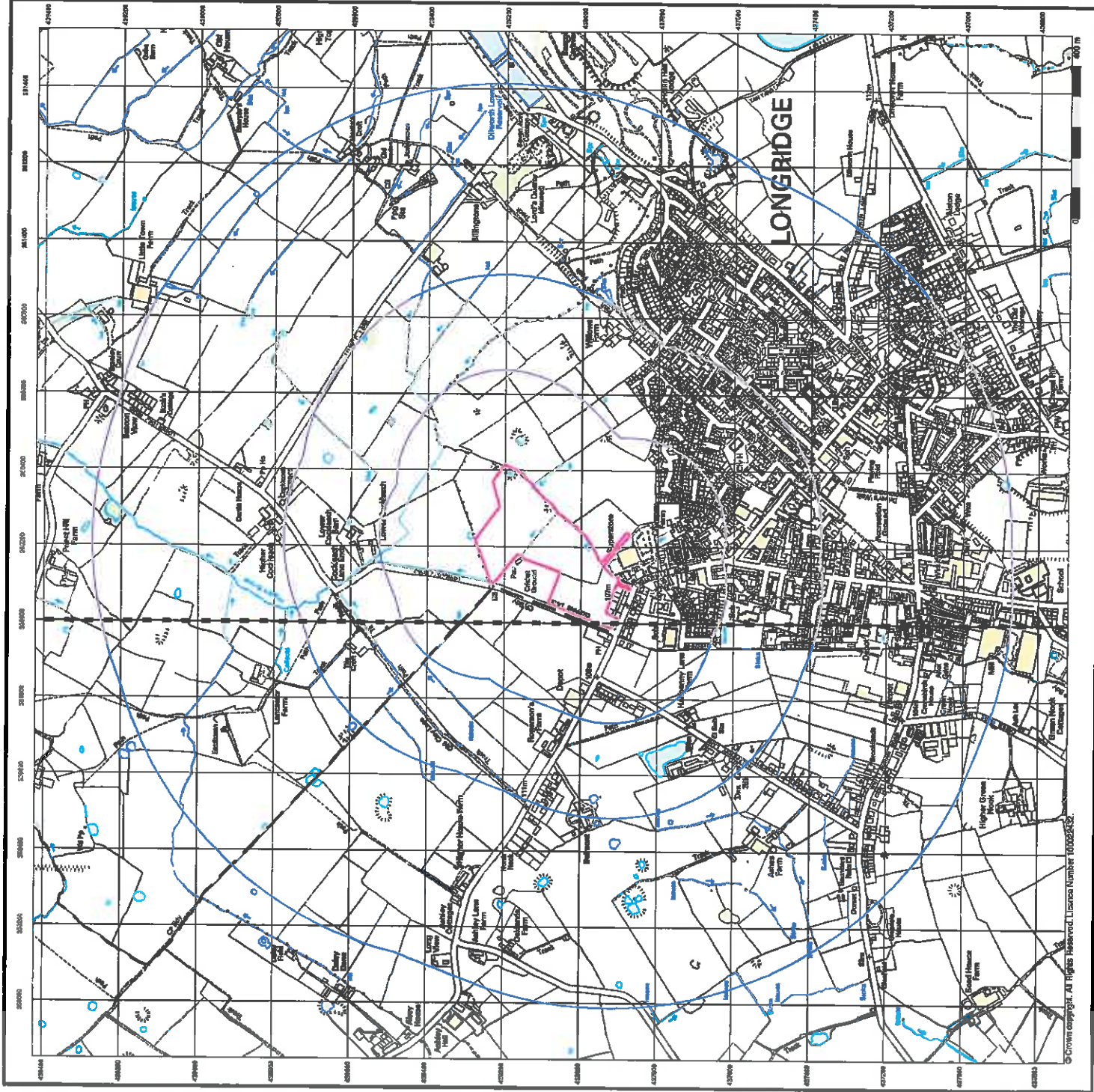
Order Number: 56312619_1_1
Customer Ref: EB1355
National Grid Reference: 360190, 436070
Slice: A
Site Area (Ha): 7.22
Search Buffer (m): 1000

Site Details

Site at 360130, 436020



Tel: 0844 844 0862
Fax: 0844 844 8561
Web: www.landmark.co.uk



© Crown copyright. All Rights Reserved. Licence Number 100028322



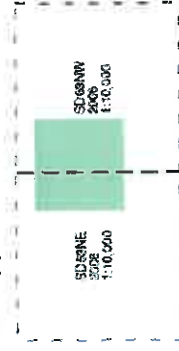
10k Raster Mapping

Published 2006

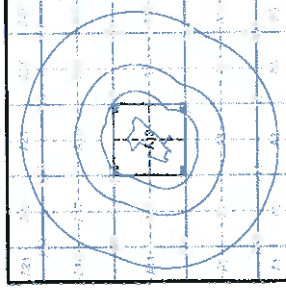
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



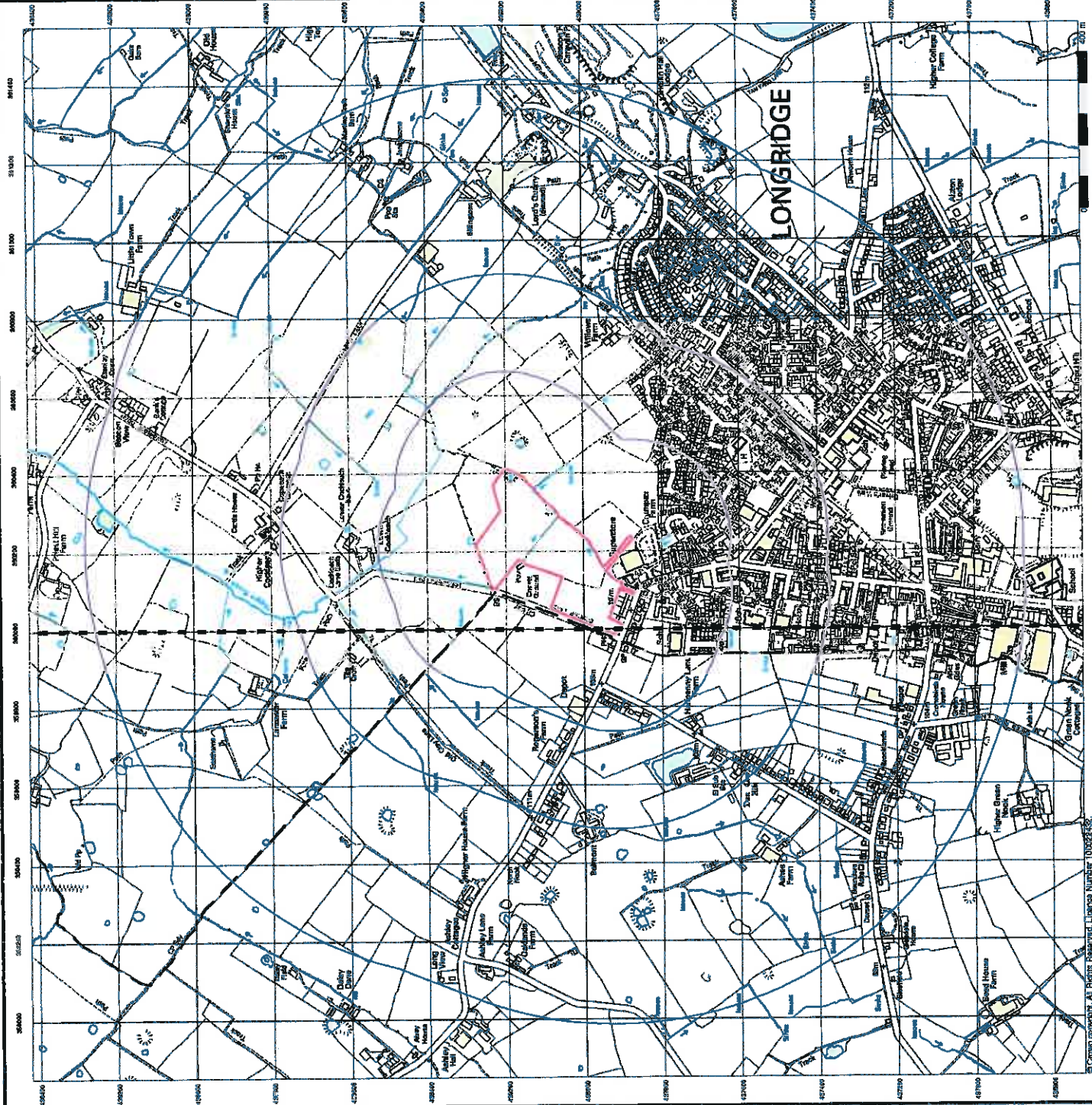
Historical Map - Slice A



Order Details
 Order Number: 55312619_1_1
 Customer Ref: EB1355
 National Grid Reference: 360190, 438070
 Site(s): A
 Site Area (Ha): 7.22
 Search Buffer (m): 1000
Site Details
 Site at 360130, 438020



Tel: 0844 844 8652
 Fax: 0844 844 8653
 Web: www.landmark.co.uk



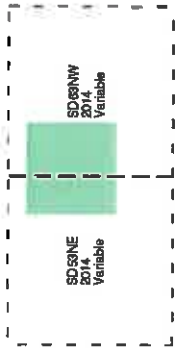


VectorMap Local Published 2014

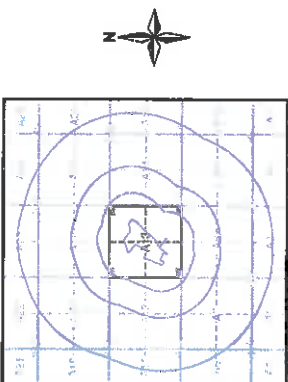
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

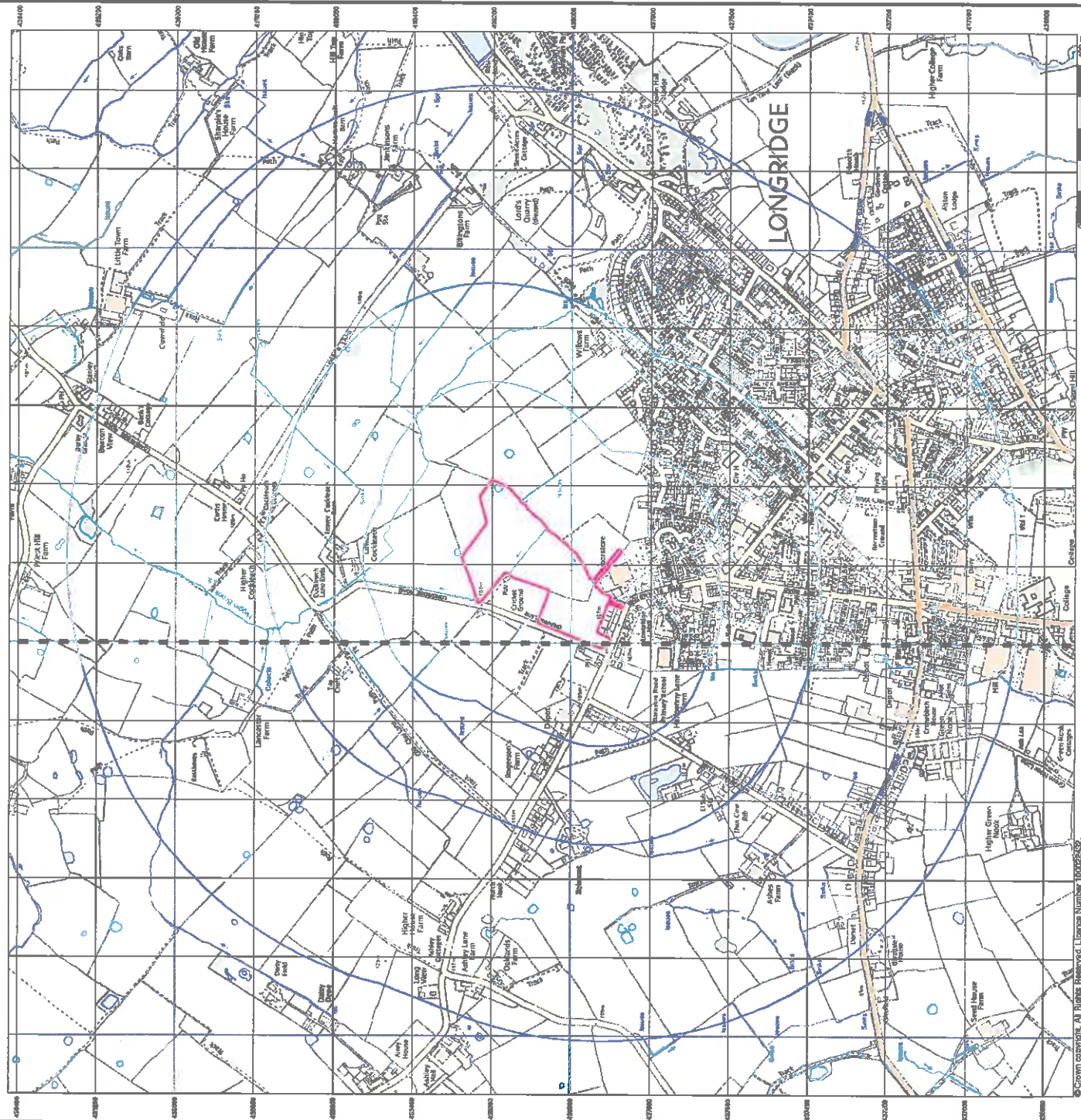
Order Number: 55312619_1_1
Customer Ref: EB1355
National Grid Reference: 360190, 438070
Slices: A
Site Area (Ha): 7.22
Search Buffer (m): 1000

Site Details

Site at 360130, 438020



Landmark Information Group Services v47.0 14-Apr-2014 Page 15 of 15
Tel: 0844 844 8469
Fax: 0844 844 9551
Web: www.landmark.co.uk



© Crown copyright. All Rights Reserved. Licence Number 100025432.

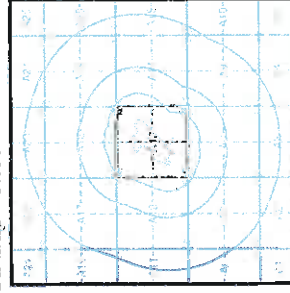


General
○ Scheduled Site
○ Specialised Buffer(s)
X Bearing Reference Point

Agency and Hydrological (Flood)

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

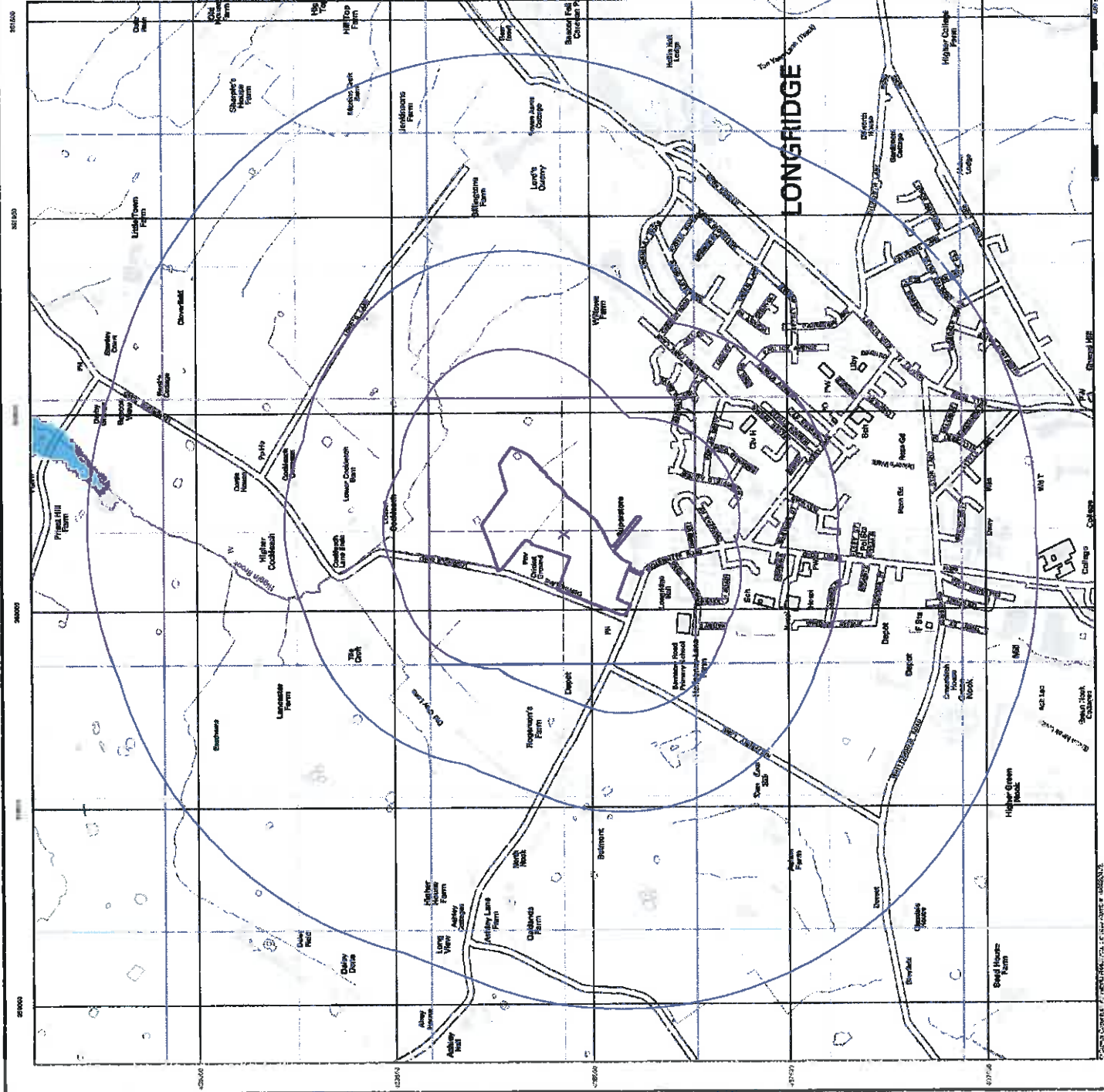
Flood Map - Slice A



Order Details
Order Number: 55312619_1_1
Customer Ref: EB1933
National Grid Reference: 360190, 438070
Slice: A
Site Area (Ha): 7.22
Search Buffer (m): 1000
Site Details
Site at 360130, 438020



0844 844 0852
0844 844 0851
www.landmark.co.uk
Tel: 0844 844 0852
Fax: 0844 844 0851
Web: www.landmark.co.uk
All Landmark Information Group Services 14th Apr 2014 Page 2 of 2



© Crown Copyright. All Rights Reserved. Licence No. 10002013

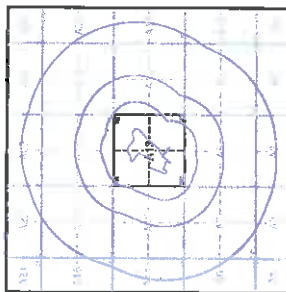
- General**
- Spotfall Site
 - Symbolic Buffer(s)
 - ✕ Borehole Reference Point
 - Map ID
 - Series or Type of Location

Agency and Hydrological (Boreholes)

- BGS Borehole Depth 0 - 10m
- BGS Borehole Depth 10 - 30m
- BGS Borehole Depth 30m +
- Consultant
- 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.amfirocheck.co.uk.

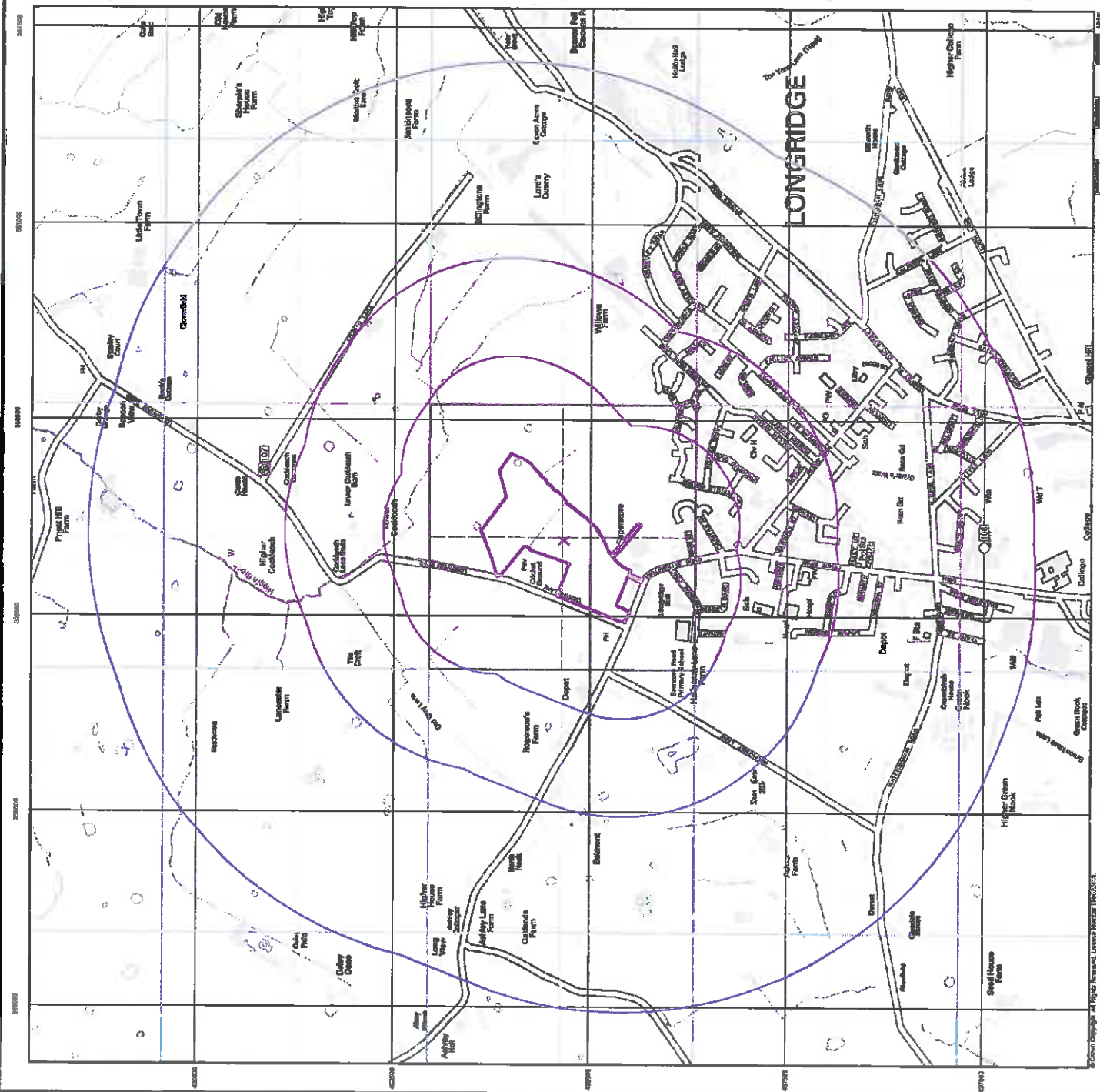
Borehole Map - Slice A



Order Details
 Order Number: 55312619_1_1
 Customer Ref: EB1355
 National Grid Reference: 360190, 438070
 Slice: A
 Site Area (Ha): 7.22
 Search Buffer (m): 1000
Site Details
 Site at: 360130, 438020



Tel: 0844 844 8882
 Fax: 0844 844 8551
 Web: www.amfirocheck.co.uk



© Crown Copyright. All Rights Reserved. Licence Number: 100026282

General

- Specified Site
- Specified Barrier
- X Barrier Reference Point
- E Area ID

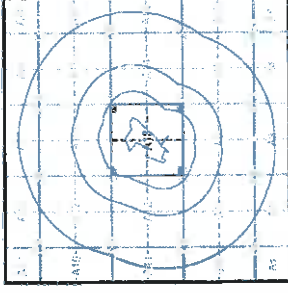
EA Detailed River Network Data

- Primary River
- Secondary River
- Tertiary River
- Canal
- Canal Tunnel
- Undefined River
- Lake/Reservoir
- Offline Drainage Feature
- Estimated Channel (greater than 50m)
- Underground River (referenced)
- Underground River (local knowledge)
- Downstream of High Water Mark
- Downstream at Savannah Extension
- Not assigned River feature

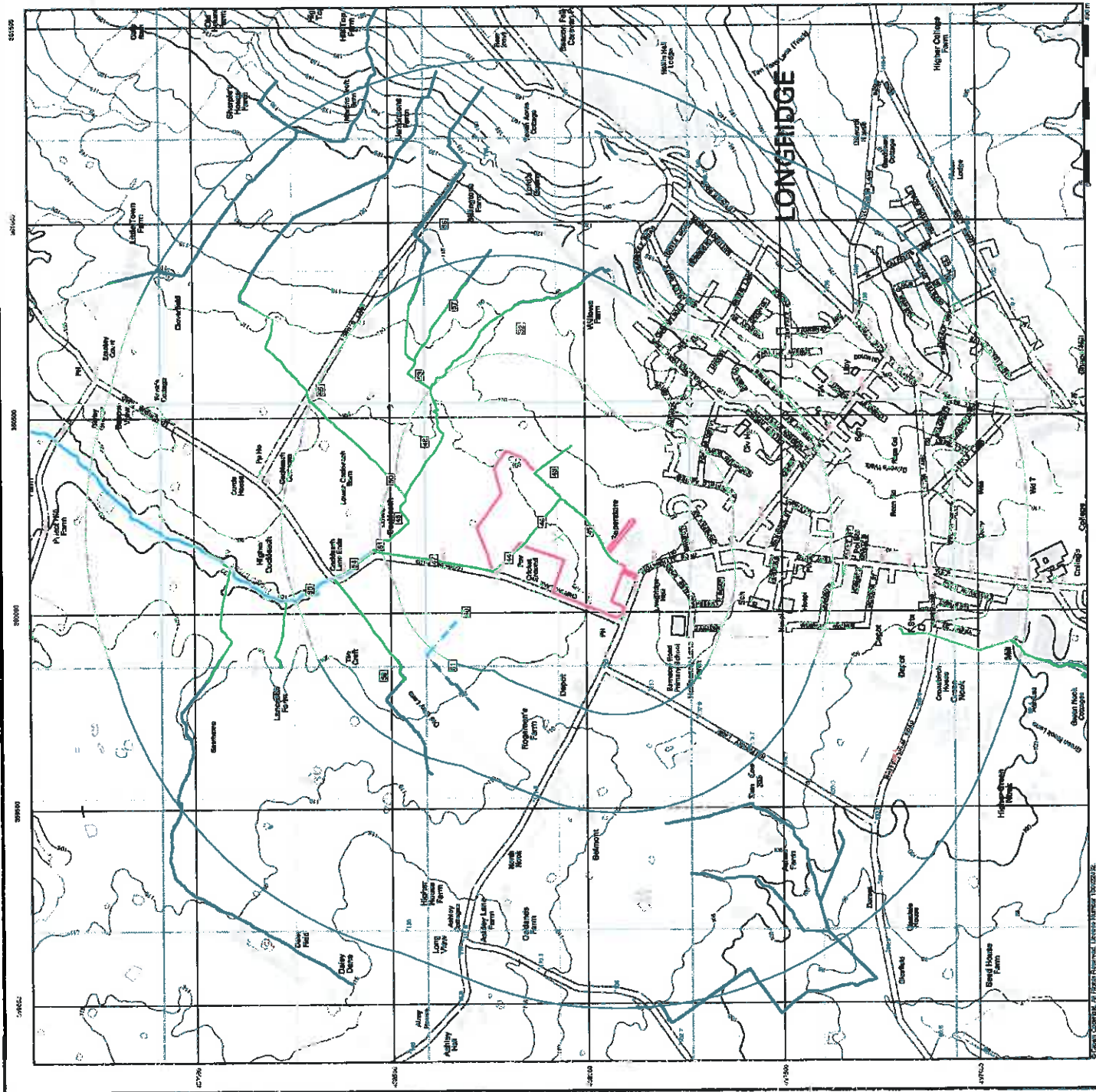
CONTOURS (Height in metres)

- Standard Contour - 10m
- Inset Contour - 5m
- Spot Height - 167.3
- As Height - 165.8

EA Detailed River Network Map - Slice A



Order Details
 Order Number: 55312819_1_1
 Customer Ref: EB1355
 National Grid Reference: 360190, 438070
Site Details
 Site Area (Ha): 7.22
 Search Buffer (m): 1000
Site Details
 Site at 360130, 438020





General

○ Selected Site X Benchmark Point

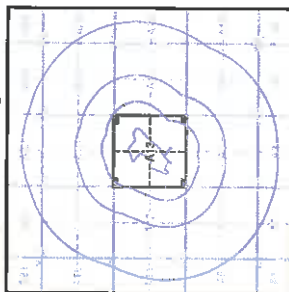
○ Selected Buffer

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Silice A



Order Details

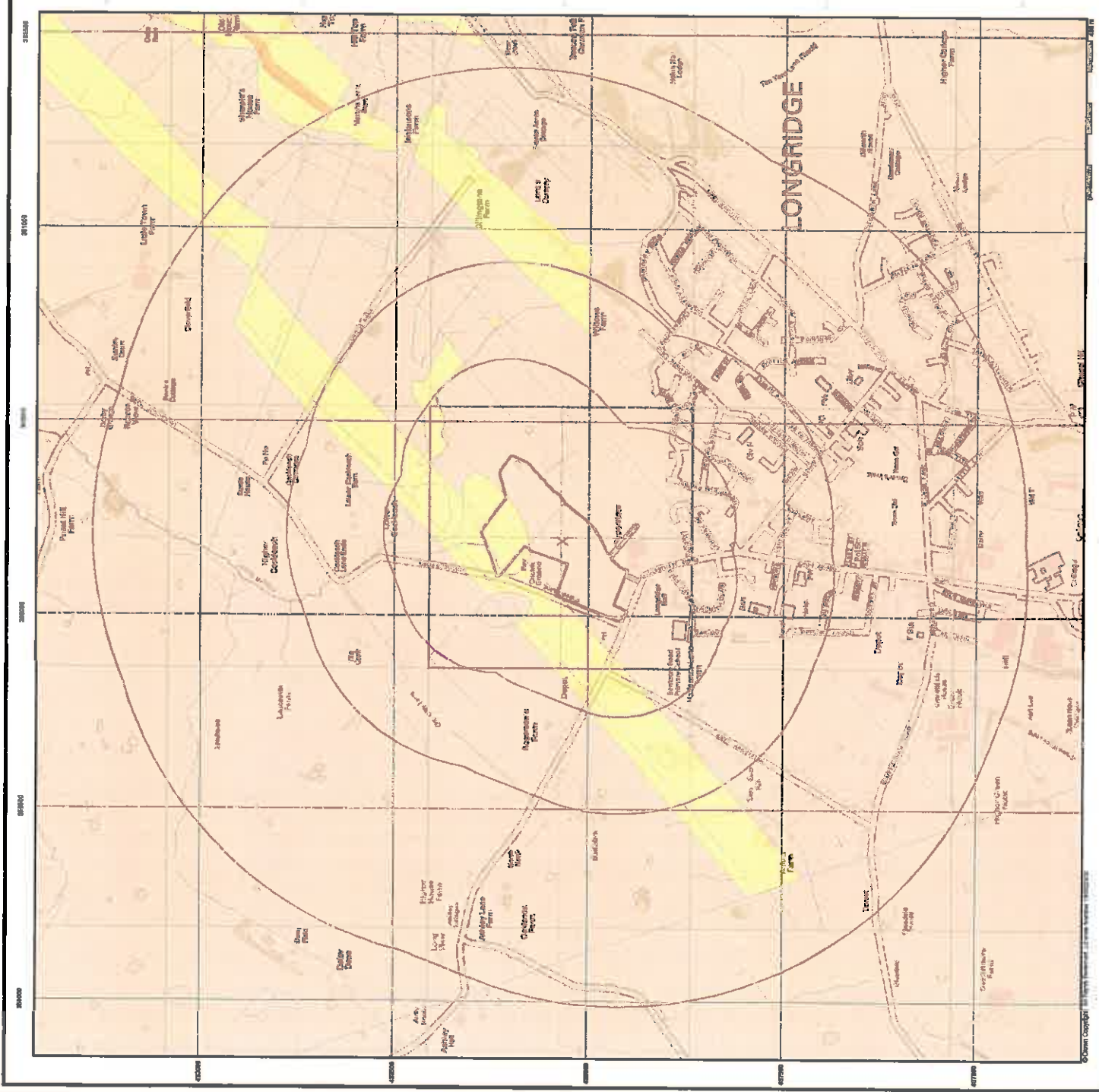
Order Details: 55312619_1_1
 Customer Ref: EB4355
 National Grid Reference: 360190, 436070
 Site: A
 Site Area (Ha): 7.22
 Search Buffer (m): 1000

Site Details

Site at 360130, 438020



Tel: 0844 946 8632
 Fax: 0844 946 8551
 Web: www.landmark.co.uk





General

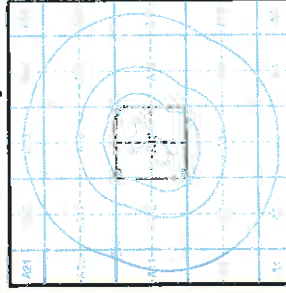
Standard Site Selected Bureau? Bureau Reference Part

Estimated Soil Chemistry Cadmium

Calculation Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A

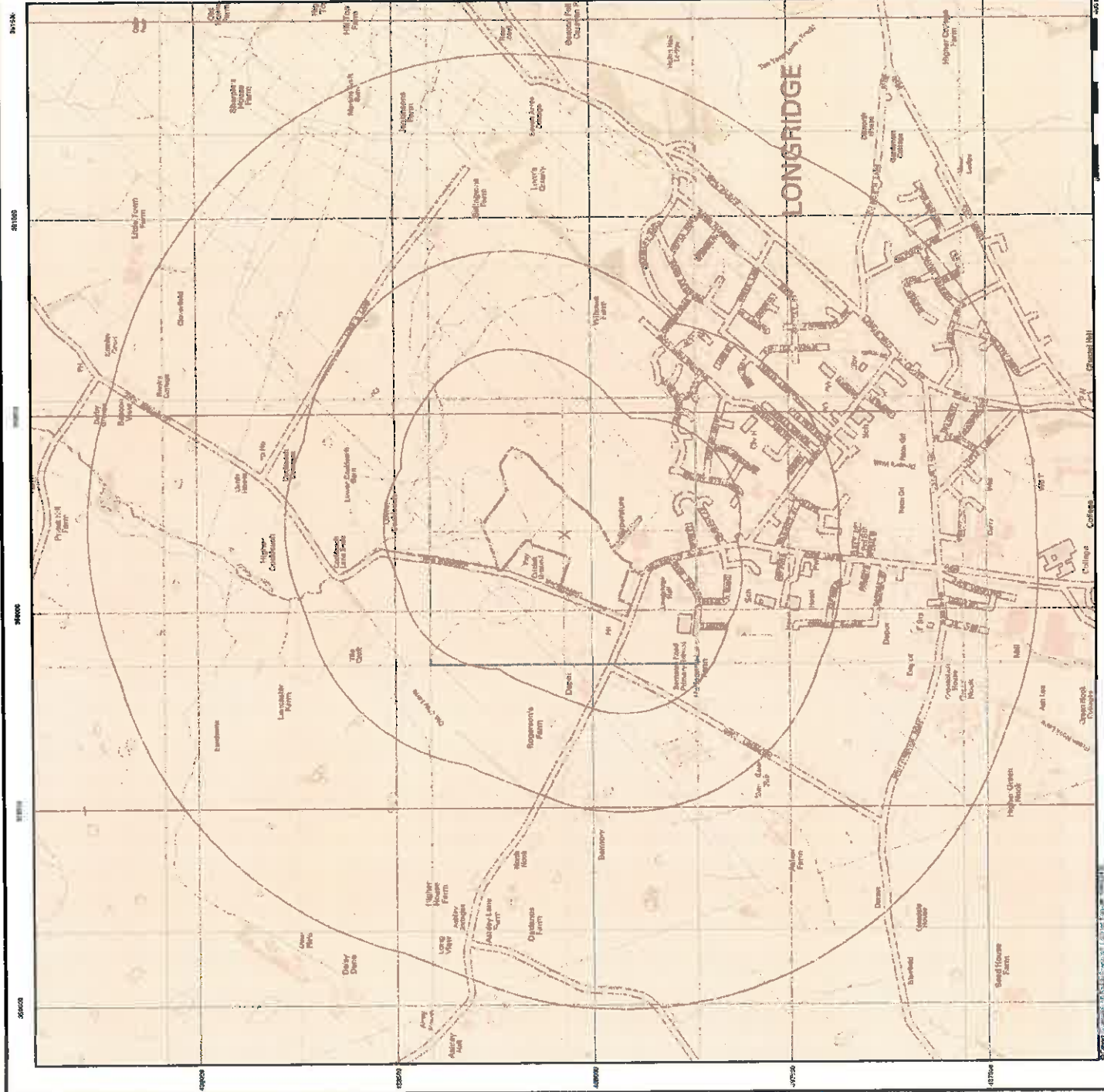


Order Details
 Order Details: 55312619_1_1
 Customer Ref: EB1365
 National Grid Reference: 360190, 438070
 Slice: A
 Site Area (Ha): 7.22
 Search Buffer (m): 1000

Site Details
 Site at 360130, 438020



0844 844 8952
 0844 844 8951
 www.landmark.co.uk



GENERAL

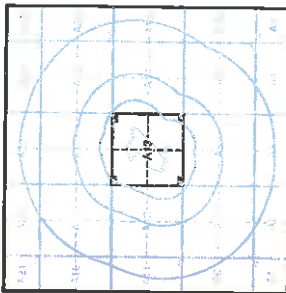
- Specified Site
- Specified Boundary
- X Existing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A



Order Details

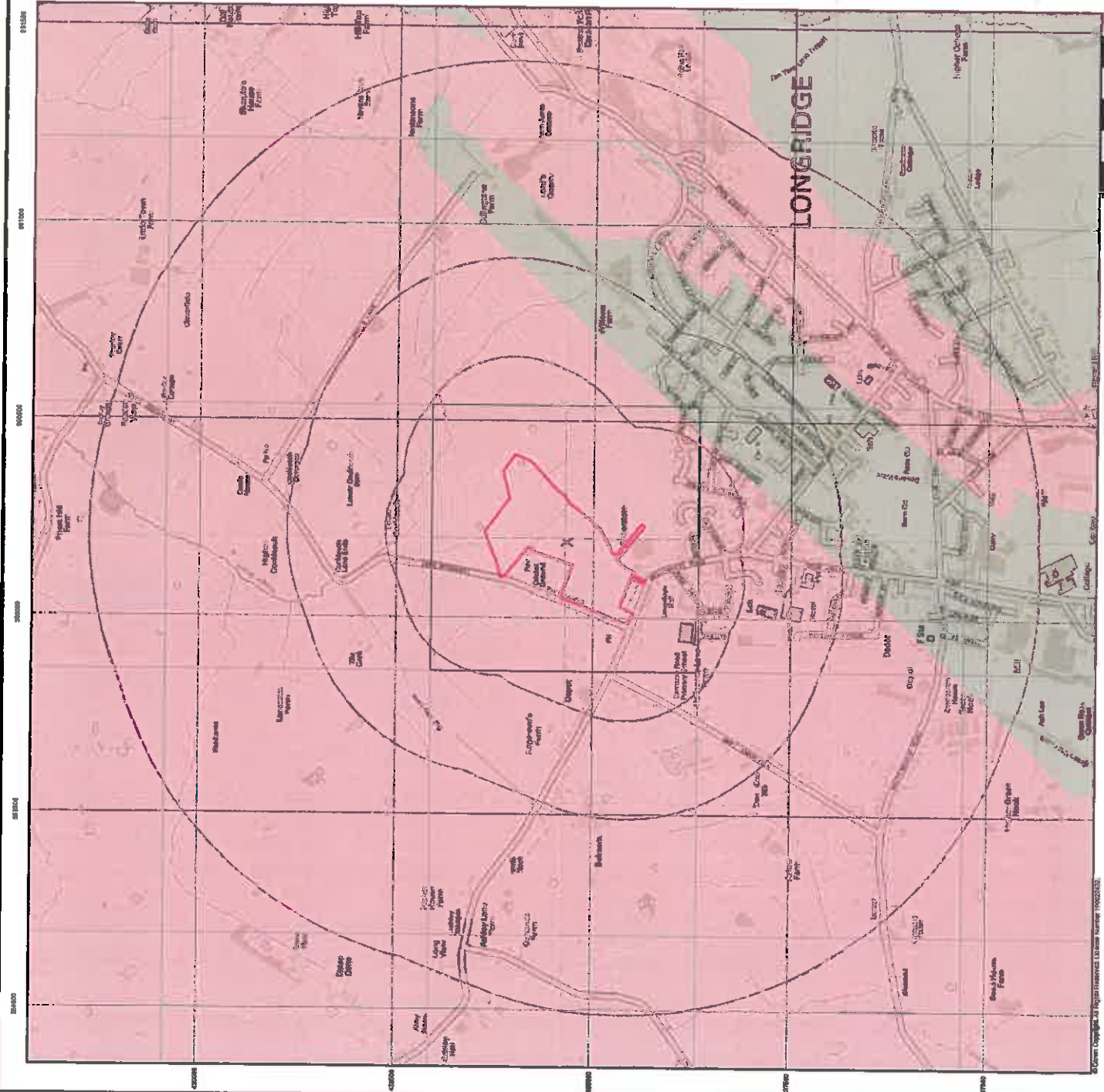
Order Details: 56312619_1_1
 Customer Ref: EB1355
 National Grid Reference: 360190, 438070
 Slice: A
 Site Area (Ha): 7.22
 Search Buffer (m): 1000

Site Details

Site at 360130, 438020



Tel: 0144 844 8822
 Fax: 0144 844 8823
 Web: www.landmark.co.uk



© Crown Copyright. All Rights Reserved. Licence Number: 100023352



General

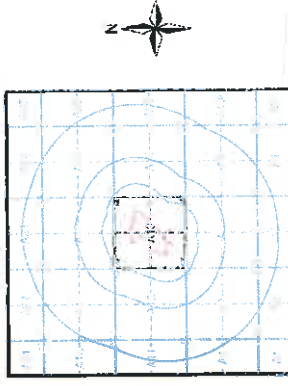
- Selected Site
- Search Reference Plot

Estimated Soil Chemistry Lead

Lead Concentration (ppm)



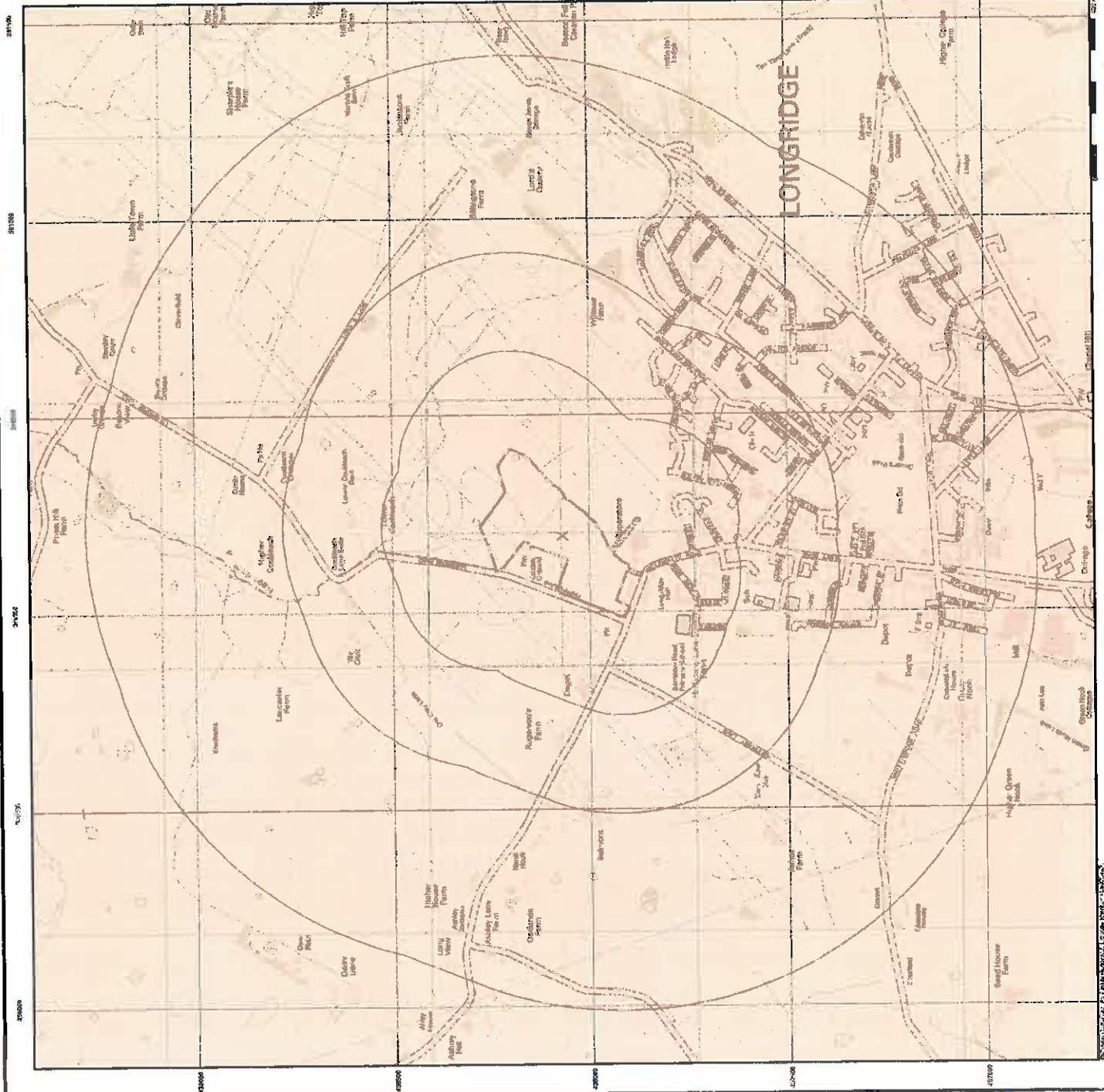
Estimated Soil Chemistry Lead - Slice A



Order Details
 Order Details: 55312519_1_1
 Customer Ref: EB1355
 National Grid Reference: 360180, 438070
 Site: A
 Site Area (Ha): 7.22
 Search Buffer (m): 1000
Site Details
 Site at 360130, 438028



A Landmark Information Group Service v47.0 14-Apr-2014 Page 4 of 6
 Tel: 0844 844 9852
 Fax: 0844 844 9851
 Web: www.landmark.co.uk





General

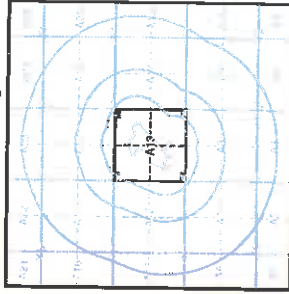
- Specialist Site
- Specialist (Subsidiary)
- Specialist Reference Point

Estimated Soil Chemistry Nickel

Metal Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

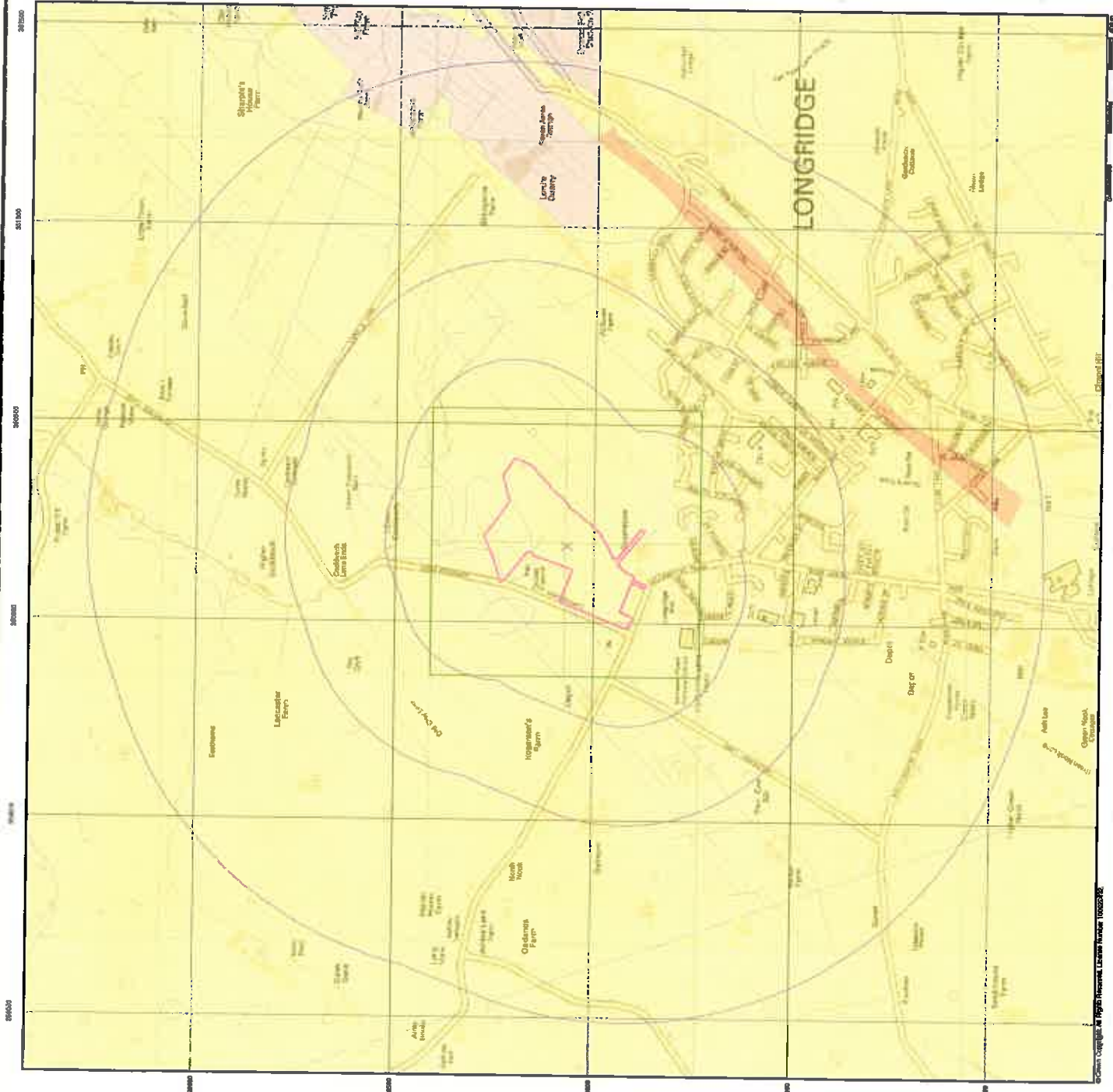
Order Details: 55312619_1_1
 Customer Ref: EB1355
 National Grid Reference: 360130, 438070
 Slice: A
 Site Area (Ha): 7.22
 Search Buffer (m): 1000

Site Details

Site at 360130, 438020



Tel: 0844 844 9852
 Fax: 0844 844 9851
 Web: www.landmark.co.uk





Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	MGR	Made Ground (Undivided)	Artificial Deposit	Holocene - Holocene
	SLIP	Landslide Deposit	Unknown/Unclassified Entry	Quaternary - Quaternary

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Flandrian - Flandrian
	TILLD	Till, Devensian	Diamicton	Devensian - Devensian
	GFDUD	Glaciofluvial Deposits, Devensian	Sand and Gravel	Devensian - Devensian
	PEAT	Peat	Peat [Unified Deposits Coding Scheme]	Quaternary - Quaternary
	RTDU	River Terrace Deposits (Undifferentiated)	Sand and Gravel	Quaternary - Quaternary

Bedrock and Faults

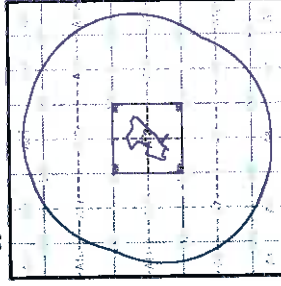
Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	SJSH	Sandwich Shales	Mudstone and Siltstone	Kendencottian - Amsbergian
	PG	Pendle Gilt Member	Sandstone and Siltstone, Interbedded	Pendelian - Pendelian
	PG	Pendle Gilt Member	Sandstone, Silty	Pendelian - Pendelian
	PG	Pendle Gilt Member	Mudstone	Pendelian - Pendelian
	WAG	Waley Wise Gilt	Sandstone	Pendelian - Pendelian
	PNSD	Pendleside Sandstone Member	Sandstone	Brigantian - Brigantian
	BSG	Bowland Shale Formation	Mudstone and Siltstone	Yeadonian - Asbian
	BSG	Bowland Shale Formation	Mudstone	Yeadonian - Asbian
	PDL	Pendleside Limestone Formation	Limestone	Asbian - Holkerian
	BOH	Hodderense Limestone Formation	Limestone	Holkerian - Holkerian

Geology 1:50,000 Maps
 This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out primary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps.
 The various geological layers - artificial and landfill deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the first 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map Sheet No:	177
Map Date:	2000
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Not Supplied
Faults:	Not Supplied
Rock Requirements:	Not Supplied

Geology 1:50,000 Maps - Slice A



Order Details:

Order Number: 55312619_1_1
 Customer Reference: EB1355
 National Grid Reference: 560150, 436070
 Slice: A
 Site Area (Ha): 7.22
 Search Buffer (m): 1000

Site Details:

Site at 560130, 436020



Tel: 0844 644 6622
 Fax: 0844 644 3651
 Web: www.landmark.co.uk



Artificial Ground and Landslip

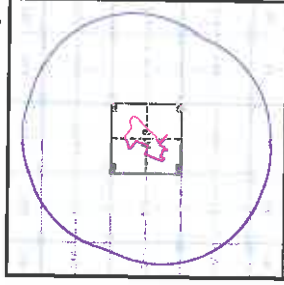
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions and unstable ground.

Artificial ground includes:

- Made ground - man-made deposits such as embankments and spoil heaps on the natural ground surface.
- Worked ground - areas where the ground has been cut away such as quarries and road cuttings.
- In-filled ground - areas where the ground has been cut away then wholly or partially backfilled.
- Landscaped ground - areas where the surface has been reshaped.
- Disturbed ground - areas of ill-defined shallow or near surface mineral workings where it is impracticable to map made and worked ground separately.

Mass movement (landslip) deposits on BGS geological maps are primarily surficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other surficial deposits and artificial ground. The dataset also includes founded strata, where the ground has collapsed due to subsidence.

Artificial Ground and Landslip Map - Slice A



Order Details:

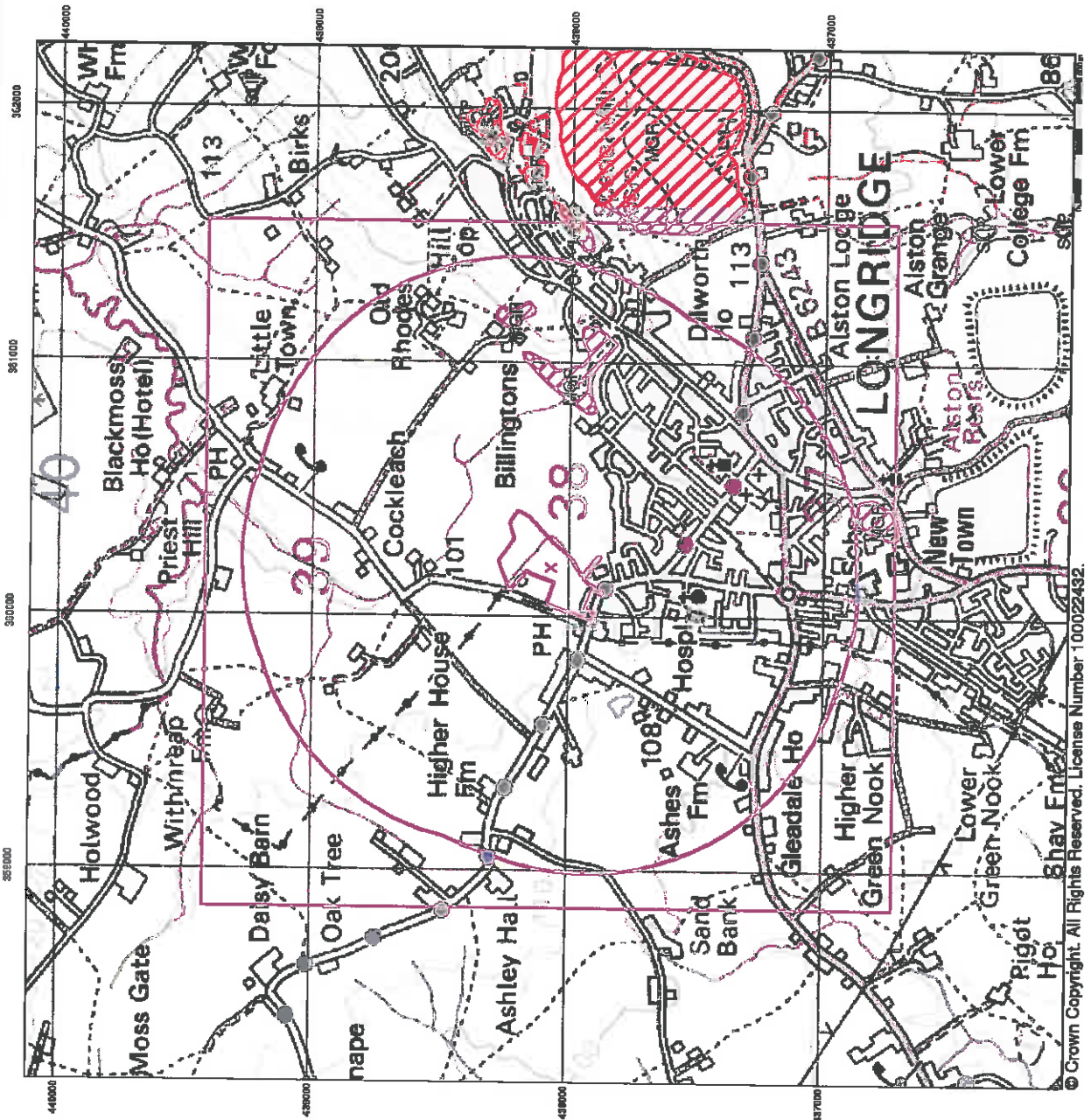
Order Number: 55312619_1_1
 Customer Reference: EB1355
 National Grid Reference: 360130, 436020
 Slice: A
 Site Area (Ha): 7.22
 Search Buffer (m): 1000

Site Details:

Site at 360130, 436020



The
 Data
 Mark





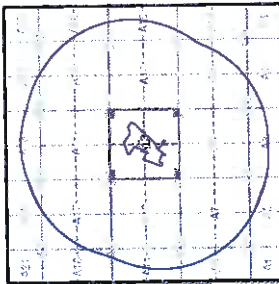
Superficial Geology

Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, the Quaternary, which extends back about 1.8 million years from the present.

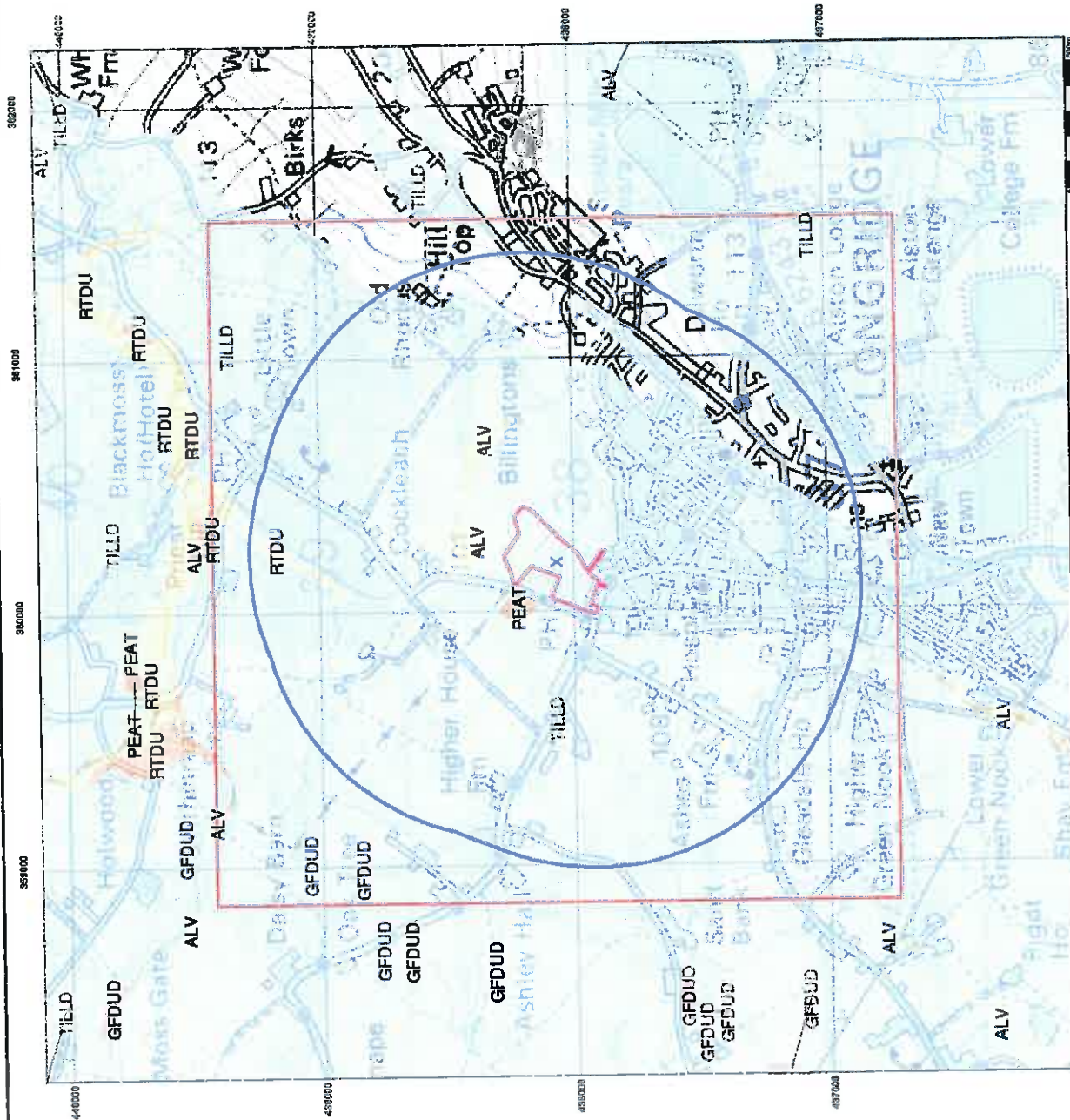
They rest on older deposits or rocks referred to as Bedrock. This dataset contains Superficial deposits that are of natural origin and 'in place'. Other superficial areas may be held in the Mass Measurement dataset where they have been moved, or in the Artificial Ground dataset where they are of man-made origin.

Most of these Superficial deposits are unconsolidated sediments such as gravel, sand, silt and clay, and elsewhere they form relatively thin, often discontinuous patches or larger spreads.

Superficial Geology Map - Slice A



Order Details:
 Order Number: 55312519_L1
 Customer Reference: 550150
 National Grid Reference: 360150, 438070
 Slice: 1, 22
 Search Buffer (m): 1000
Site Details:
 Site at 360150, 438020



Tel: 0844 844 8882
 Fax: 0844 844 8881
 Web: www.landmark.co.uk



Bedrock and Faults

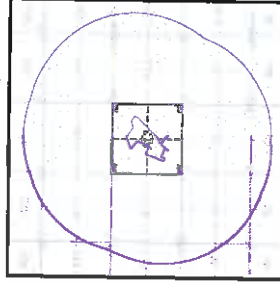
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

The bedrock has formed over vast lengths of geological time ranging from ancient and highly altered rocks of the Proterozoic, some 2500 million years ago, or older, up to the relatively young Pliocene, 1.8 million years ago.

The bedrock geology includes many lithologies, often classified into three types based on origin: igneous, metamorphic and sedimentary.

The BGS Faults and Rock Segments dataset includes geological faults (e.g. normal, thrust), and thin beds mapped as lines (e.g. coal seam, gypsum bed). Some of these are linked to other particular 1:50,000 Geology datasets, for example, coal seams are part of the bedrock sequence, most faults and mineral veins primarily affect the bedrock but cut across the strata and post date its deposition.

Bedrock and Faults Map - Slice A

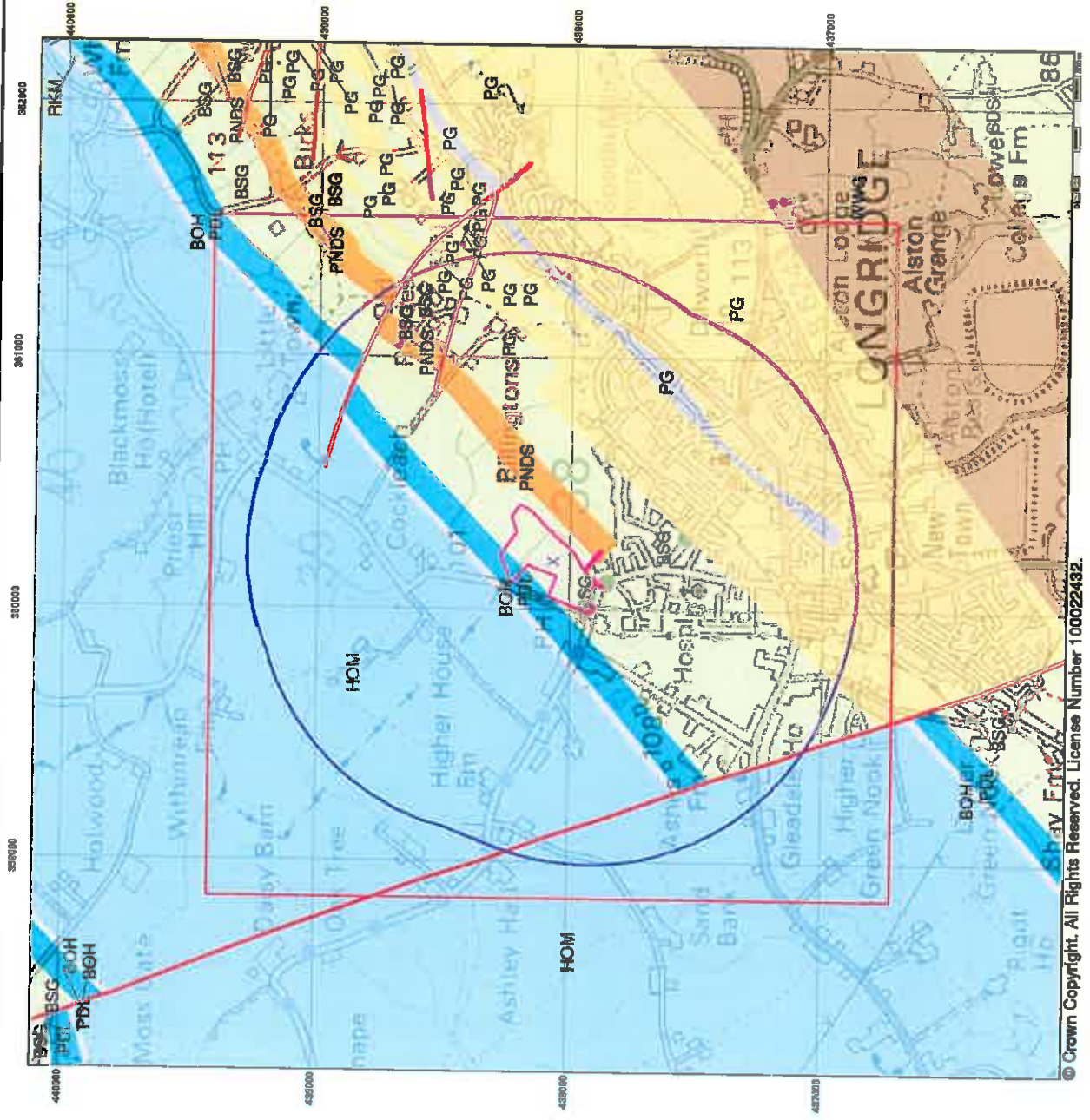


Order Details:
 Order Number: 55312619_1_1
 Customer Reference: EB1555
 National Grid Reference: 360180, 438070
 Slice: A
 Site Area (Ha): 7.22
 Search Buffer (m): 1000

Site Details:
 Site at 360180, 438020



The
 Ordnance
 Survey
 Licence
 No. 1000440002
 www.ordnancesurvey.co.uk





Combined Surface Geology

The Combined Surface Geology map combines all the previous maps into one combined geological overview of your site.

Please consult the legends to the previous maps to interpret the Combined "Surface Geology" map.

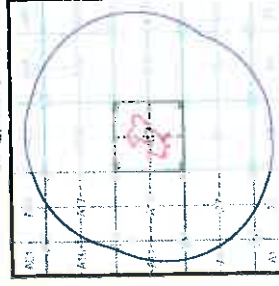
Additional Information

More information on 1:50,000 Geological mapping and explanations of rock classifications can be found on the BGS website. Using the LEX Codes in this report, further descriptions of rock types can be obtained by interrogating the "BGS Lexicon of Named Rock Units". This database can be accessed by following the "Information and Data" link on the BGS website.

Contact

British Geological Survey
Kingley Durham Centre
Keyworth
Nottingham
NG12 5GG
Telephone: 0115 936 3143
Fax: 0115 936 3276
email: enquiries@bgs.ac.uk
website: www.bgs.ac.uk

Combined Geology Map - Slice A



Order Details:

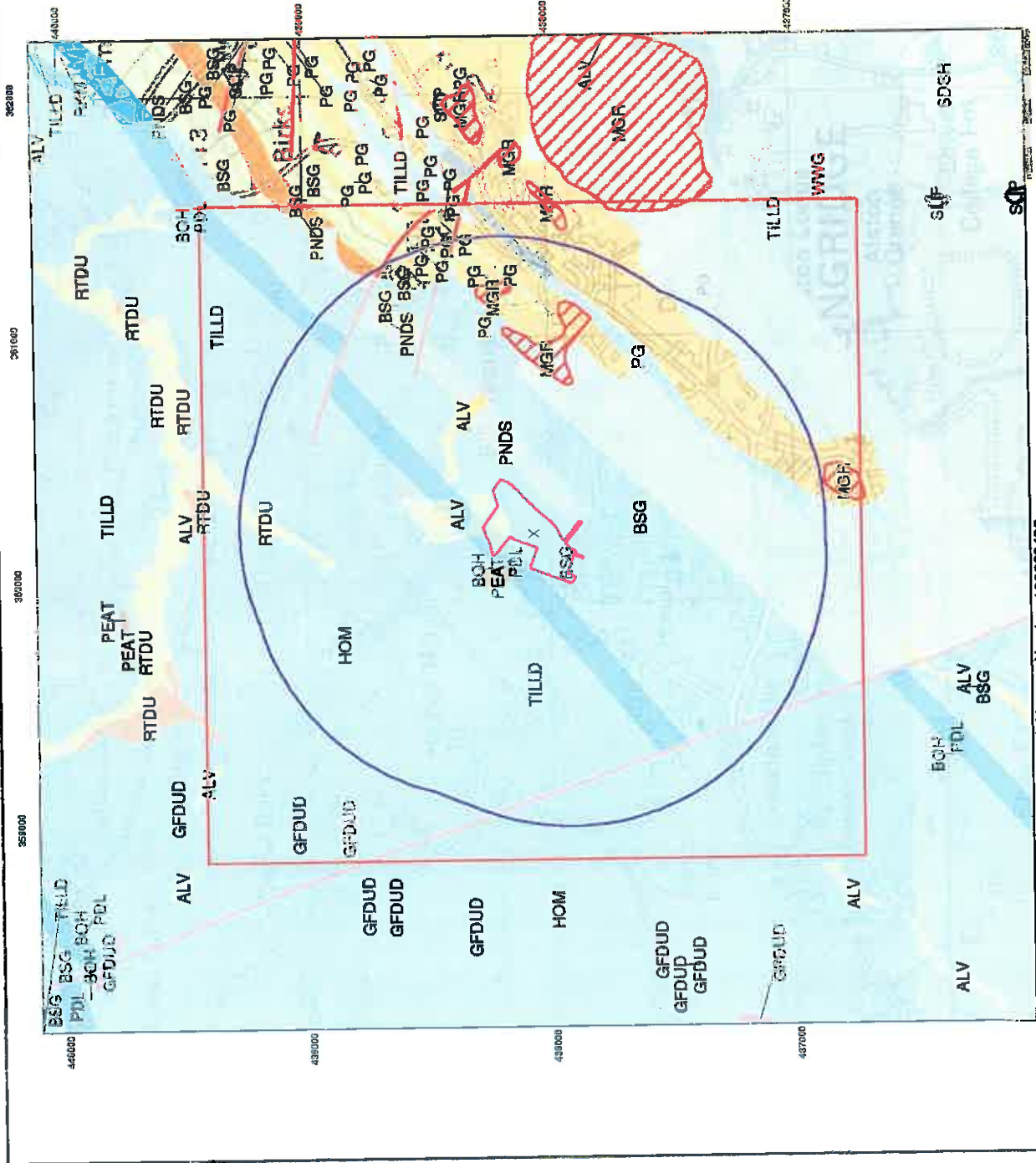
Order Number: 55312619_L1
Customer Reference: EB1355
National Grid Reference: 360190, 438070
Site Area (ha): 7.22
Search Buffer (m): 1000

Site Details:

Site at 360190, 438020



Tel: 0844 844 8822
Fax: 0844 844 8807
Web: www.landmark.co.uk





Groundwater Vulnerability

General

- Specified Site
- Specified Subject
- Map ID
- Bearing Reference Point

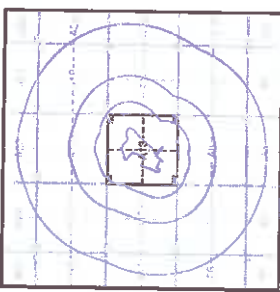
Agency and Hydrological Geological Classes

- Major Aquifer (Highly Permeable)
- Minor Aquifer (Varyingly Permeable)
- Non Aquifer (Negligibly Permeable)
- Water or Sea
- Drift Deposit

Soil Classes

- High (H) 1, 2, 3, U
- Intermediate (I) 1, 2
- Low

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 55312619_1.1
 Customer Ref: EB1955
 National Grid Reference: 390180, 439070
 Slice: A
 Site Area (Ha): 7.22
 Search Buffer (m): 1000

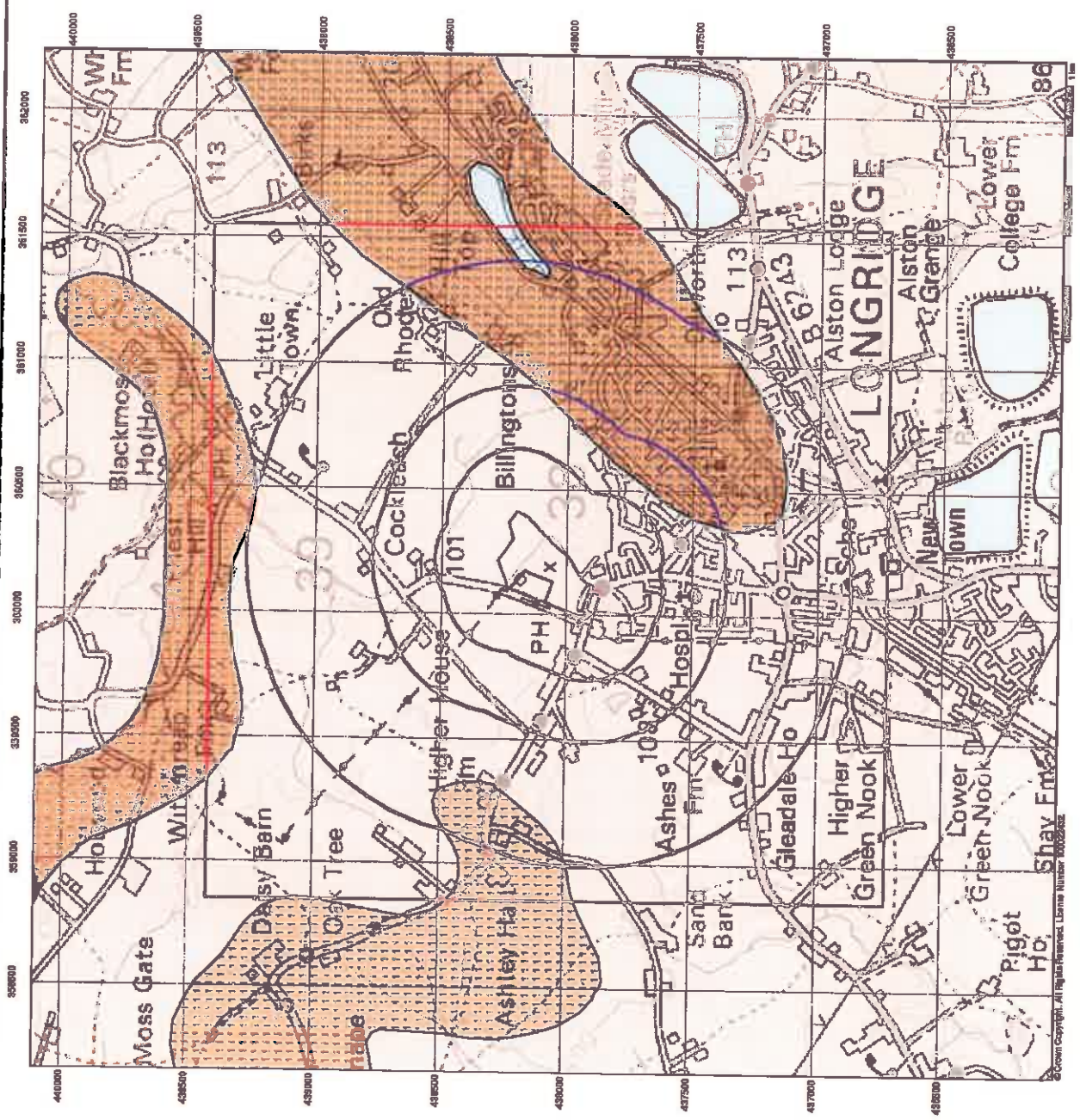
Site Details

Site at 390130, 439020



The Map was created using:

0544 344 6862
 0544 344 6861
 www.landmark.co.uk



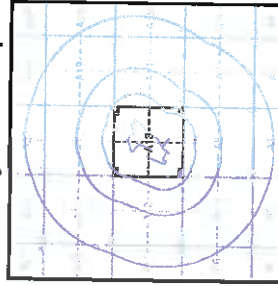
© Crown Copyright. All Rights Reserved. Licence Number 100029582



Superficial Aquifer Designation

- General**
- Specified Silt
 - Specified Boulder
 - Bearing Reference Point
 - Site
 - Map ID
- Agency and Hydrological**
- Principal Aquifer
 - Secondary A Aquifer
 - Secondary B Aquifer
 - Secondary Undifferentiated
 - Unproductive Strata
 - Unknown

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 55312519_1_1
 Customer Ref: ESH1355
 National Grid Reference: 360160, 486070
 Slice: A
 Site Area (Ha): 7.22
 Search Buffer (m): 1000

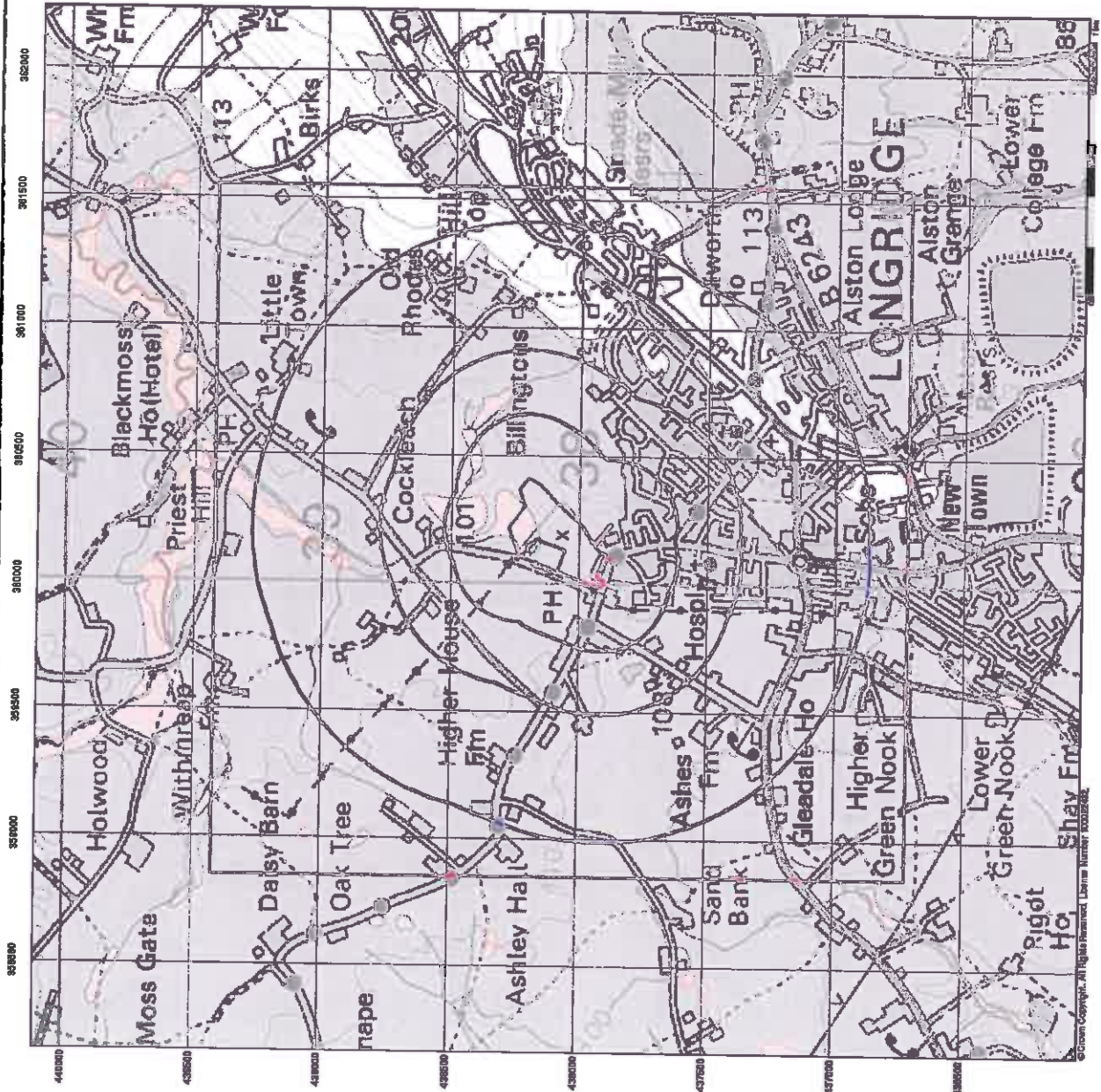
Site Details

Site at 360160, 486020



The
 Map
 Web

0514 844 8822
 0544 844 8811
 www.landmark.co.uk

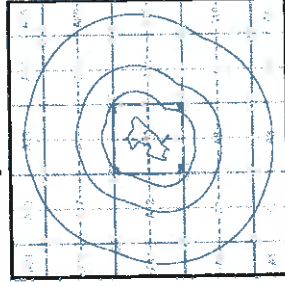




Source Protection Zones

- General**
- Specified Site
 - Site
 - Standard by Road
 - Misc
 - Bearing Reference Point
- Agency and Hydrological**
- Source Protection Zone I
 - Source Protection Zone II
 - Source Protection Zone III
 - Zone of Special Interest
 - Source Protection Zone Boundary

Site Sensitivity Context Map - Slice A



Order Details

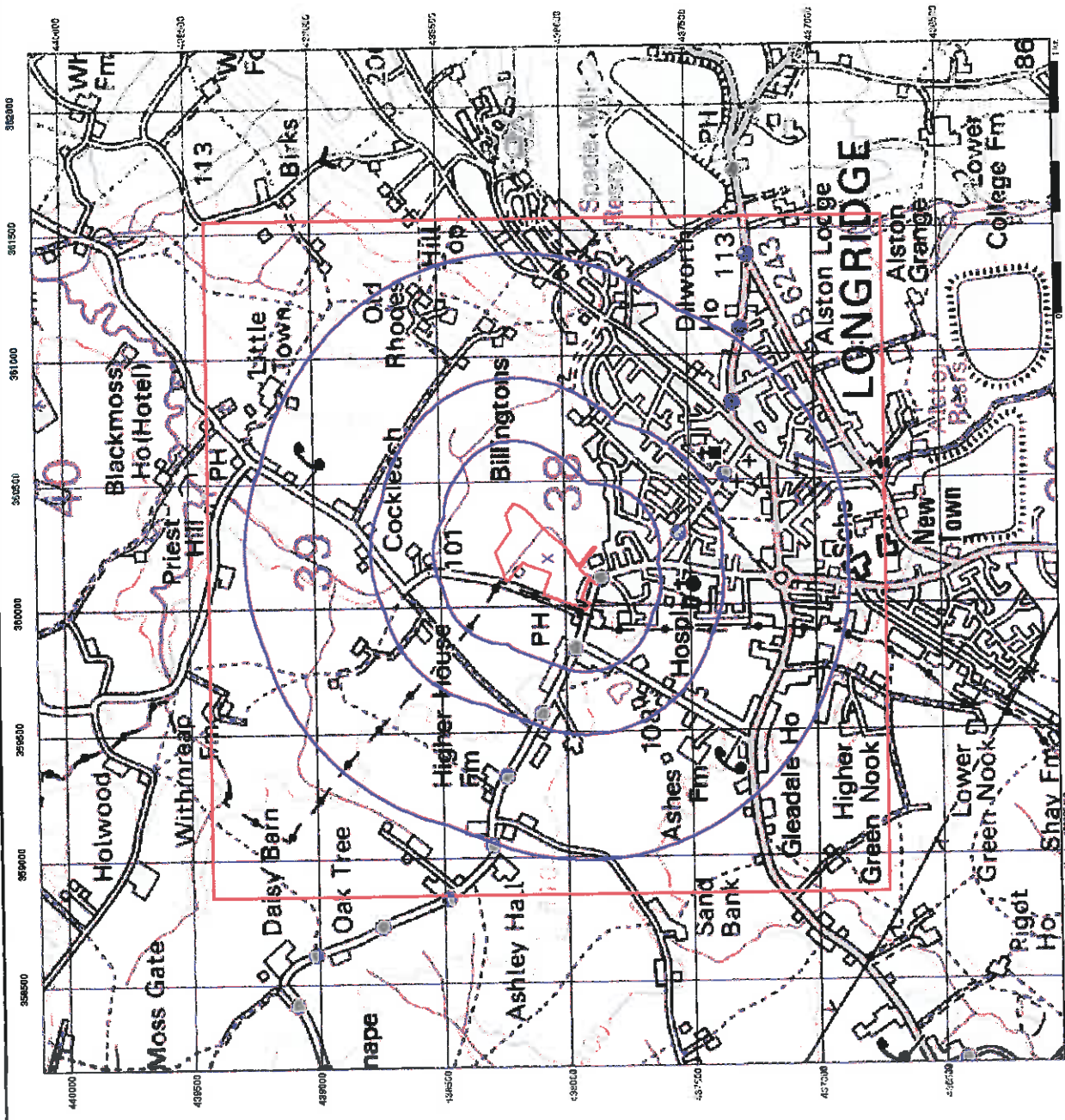
Order Number: 55312619_1.1
 Customer Ref: EB1365
 National Grid Reference: 360190, 436070
 Site Area (H): A
 Search Buffer (m): 7.22, 1000

Site Details

Site at: 360190, 436020



The
 Tel: 0844 644 0002
 Web: www.landmark.co.uk



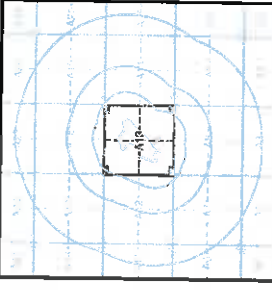
© 2014 Copyright. All Rights Reserved. License Number: 10002642



Sensitive Land Uses

- General**
- Specified Site
 - Specified Buffering
 - Bearing Reference Point
 - Slice
 - Map ID
- Sensitive Land Uses**
- Area of Adopted Green Belt
 - Area of Outstanding Natural Beauty
 - Environmentally Sensitive Area
 - Forest Park
 - Local Nature Reserve
 - Marine Nature Reserve
 - National Nature Reserve
 - National Park
 - Nature Sensitive Area
 - Nature Vulnerable Zone
 - Recreation Site
 - Site of Special Scientific Interest
 - Special Area of Conservation
 - Special Protection Area

Site Sensitivity Context Map - Slice A

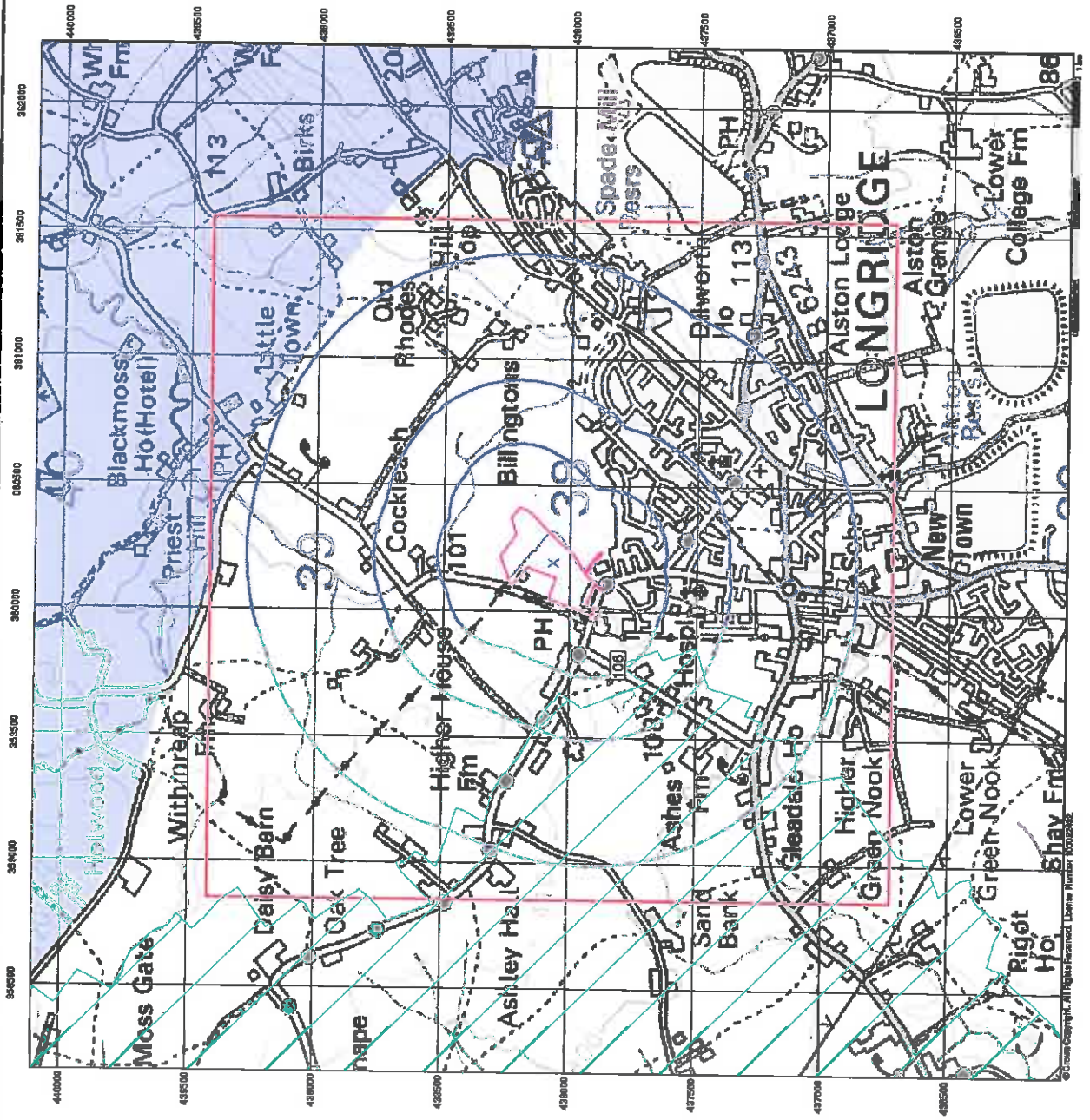


Order Details
 Order Number: 55312619_1.1
 Customer Ref: EB1355
 National Grid Reference: 360190, 436070
 Slice: A
 Site Area (H): 7.22
 Search Buffer (m): 1000

Site Details
 Site at: 360190, 436020



The
 Tel: 0844 844 8882
 Fax: 0844 844 8883
 Web: www.landmark.co.uk



© Crown Copyright. All Rights Reserved. License Number 100029828



Index Map

For ease of identification, your site and buffer have been split into Slices, Segments and Quadrants. These are illustrated on the Index Map opposite and explained further below.

Slice

Each slice represents a 1:10,000 plot area (2.7km x 2.7km) for your site and buffer. A large site and buffer may be made up of several slices (represented by a red outline), that are referenced by letters of the alphabet, starting from the bottom left corner of the slice "grid". This grid does not relate to national Grid lines but is designed to give best fit over the site and buffer.

Segment

A segment represents a 1:2,500 plot area. Segments that have plot files associated with them are shown in dark green, others in light blue. These are numbered from the bottom left hand corner within each slice.

Quadrant

A quadrant is a quarter of a segment. These are labelled as NW, NE, SW, SE and are referenced in the document to allow features to be quickly located on plots. Therefore a feature that has a quadrant reference of ATNW will be in Slice A, Segment 7 and the NW Quadrant.

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 130 different sources of data.

Client Details

Ms G Lowndsbrough, Curtins Consulting Ltd, 10 Oxford Court, Bishopscote, Manchester, M2 3WQ

Order Details

Order Number: 55312619_1_1
Customer Ref: EB1355
National Grid Reference: 360200, 438080
Site Area (Ha): 7.22
Search Buffer (m): 1000

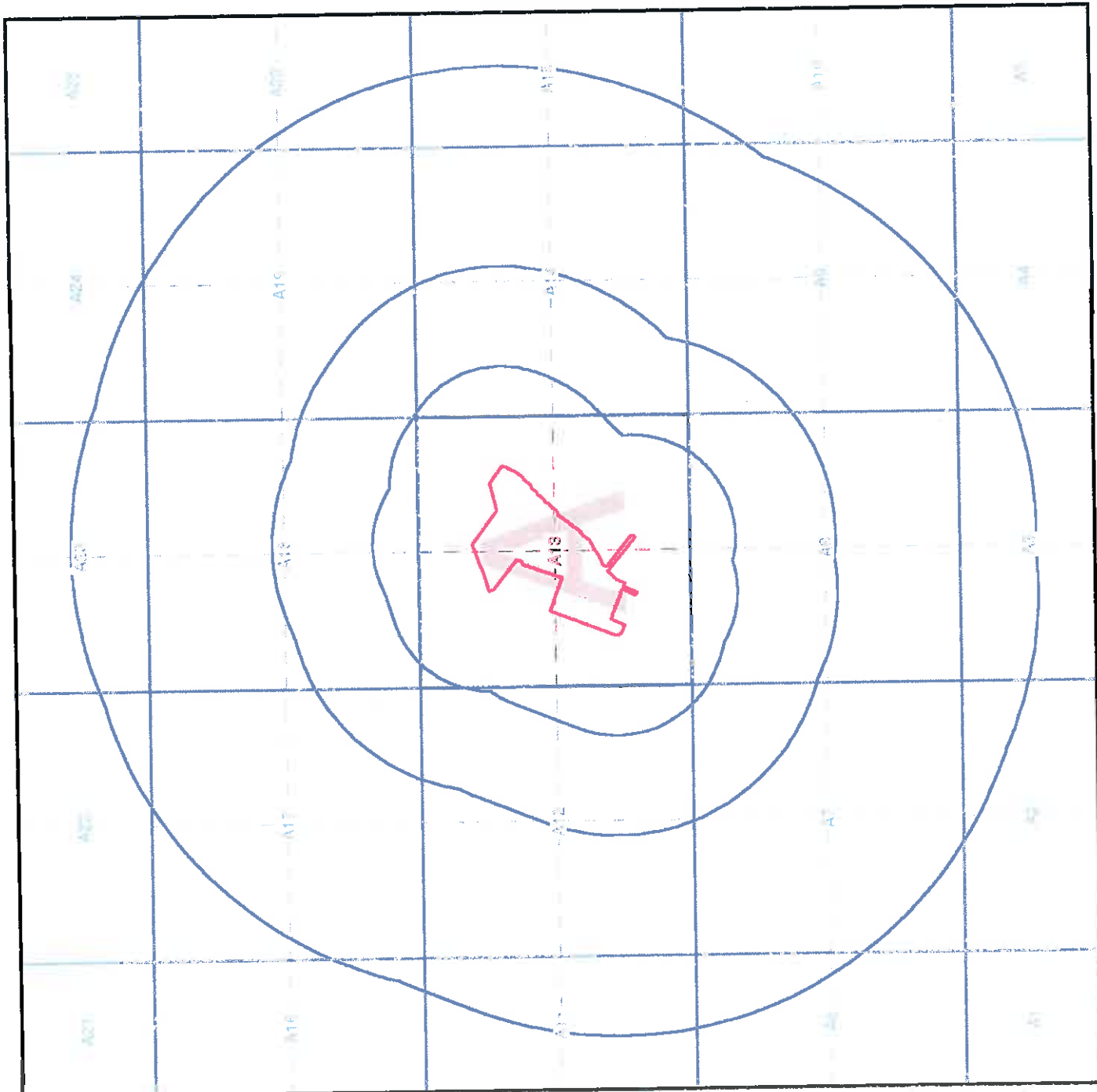
Site Details

Site at 360130, 438020

Full Terms and Conditions can be found on the following link:
<http://www.landmarkinfo.co.uk/Terms/Show/515>



0844 504 852
0204 504 853
www.landmarkinfo.co.uk



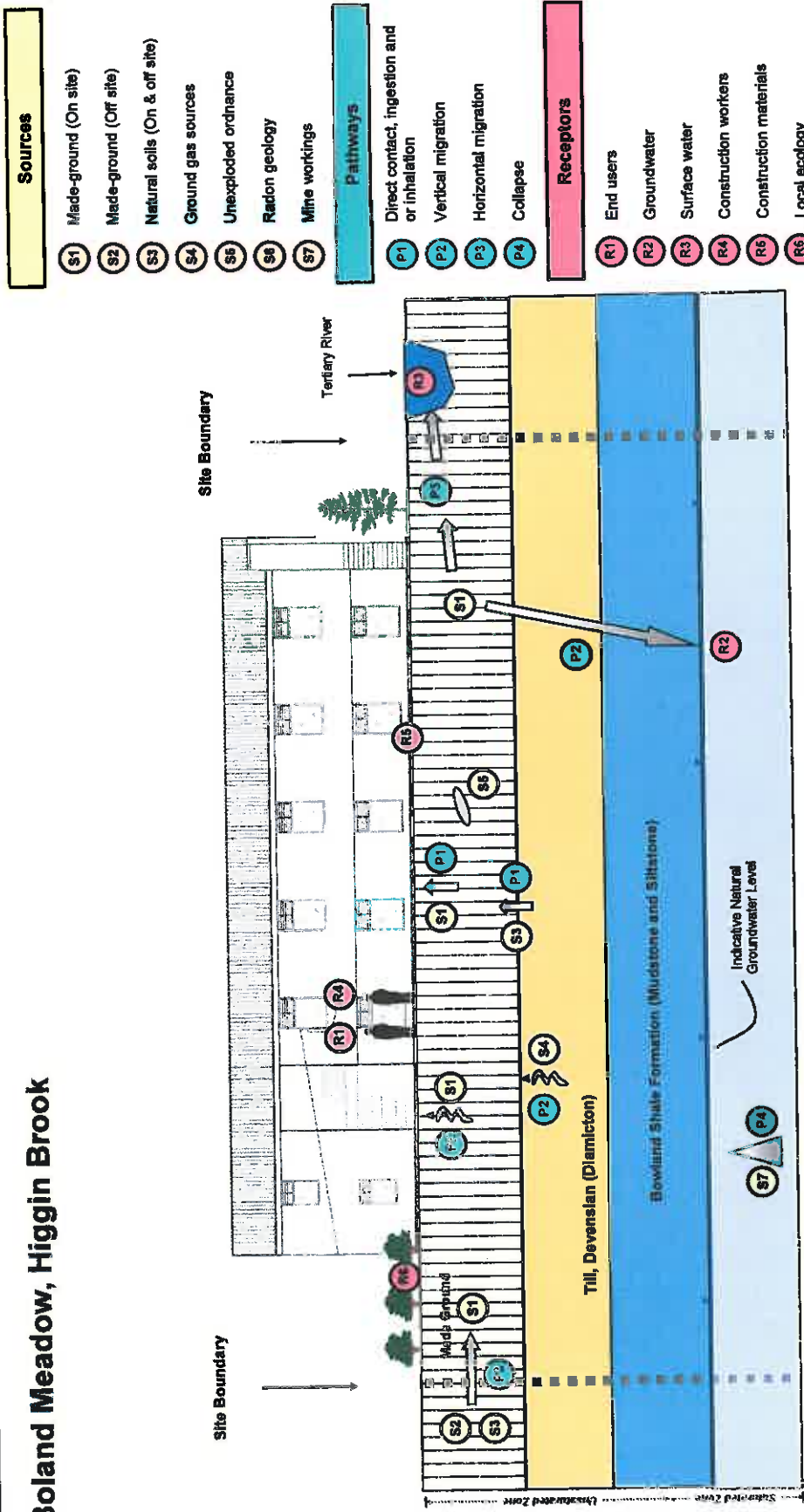
EB1355/GL/3692 Bowland Meadows, Land East of Chipping Lane, Longridge

Phase 1 Detailed Desk Top Study



Appendix A3 – Diagrammatic Conceptual Model

Boland Meadow, Higgin Brook



10 Oxford Court, Bishopsgate,
Manchester, M2 3WQ
Tel: 0161 296 2394

Project
Boland Meadow, Higgin Brook

Drawing Title
Diagrammatic Conceptual Model

Job Reference
EB1355

Date
28.03.2014

Author
GL

Checked
AW

Client
Barratt Homes

Scale
Not to scale

Appendix A4 – Qualitative Risk Assessment Rationale

The site-specific qualitative risk assessment of environmental harm, as detailed in Section 3.0 of this reporting, is summarised in Table A4.1 hereafter; the principle being to establish connecting links between a hazardous source to a potential receptor via an exposure pathway.

The qualitative risk assessment corresponds with the total site area.

Risk assessment is the process of collating known information on a hazard or set of hazards in order to estimate actual or potential risk to receptors. The receptor may be humans, a water resource, a sensitive local ecosystem or future construction materials. Receptors can be connected to the hazardous source by one or several exposure pathways such as direct contact for example. Risks are generally managed by isolating the receptor or intercepting the exposure pathway or by isolating or removing the hazard.

Without the three essential components of a source, pathway and receptor there can be no risk. Therefore the presence of hazard on a site does not necessarily mean there is a risk.

By considering where a viable pathway exists which connects a source with a receptor the risk assessment in Section 3.0 and Table A4.1 identifies where pollutant linkage exists. If there is no pollutant linkage there is no risk and only where a pollutant linkage is established does the risk assessment consider the level of risk.

The risk assessment considers the likelihood of a particular event taking place (accounting for the presence of the hazard and receptor and the integrity of the exposure pathway) in conjunction with the severity of the potential consequence (accounting for the potential severity of the hazard and the sensitivity of the receptor).

In the risk assessment the consequence of the hazard has been classified as severe or medium or mild or minor and the probability (likelihood) of the circumstances actually occurring classified as high likelihood or likely or low likelihood or unlikely.

The consequences and probabilities are subsequently cross-correlated to give a qualitative estimation of the risk using Department of the Environment risk classifications as detailed in the table below and as referenced in CIRIA C552.

		Consequence			
		Severe	Medium	Mild	Minor
Probability (Likelihood)	High Likelihood	Very High Risk	High Risk	Moderate Risk	Negligible Risk
	Likely	High Risk	Moderate Risk	Moderate/Low Risk	Negligible Risk
	Low Likelihood	High/Moderate Risk	Moderate/Low Risk	Low Risk	Negligible Risk
	Unlikely	Moderate/Low Risk	Low Risk	Negligible Risk	Negligible Risk

In accordance with DoE guidance, the following categorisation of consequence has been developed.

Classification	Definition	Examples
Severe	Short-term (acute) risk to human health likely to result in "significant harm" as defined by the Environment Protection Act 1990, Part IIA. Short-term risk of pollution of sensitive water resource. Catastrophic damage to buildings/property. A short-term risk to a particular ecosystem or organisation forming part of such ecosystem.	High concentrations of cyanide on the surface of an informal recreation area. Major spillage of contaminants from site into controlled water. Explosion, causing building collapse (can also equate to a short-term human health risk if buildings are occupied).
Medium	Chronic damage to Human Health. Pollution of sensitive water resources. A significant change in a particular ecosystem or organism forming part of such ecosystem.	Concentration of a contaminant from site exceeds the generic or site-specific assessment criteria. Leaching of contaminants from a site to a Principal or Secondary A aquifer. Death of a species within a designated nature reserve. Lesser toxic and asphyxiate effects
Mild	Pollution of non-sensitive water resources. Significant damage to crops, buildings, structures and services. Damage to sensitive buildings/structures/services or the environment.	Pollution of non-classified groundwater (inc. Secondary B aquifers). Damage to building rendering it unsafe to occupy (e.g. foundation damage resulting in instability).
Minor	Harm, although not necessarily significant harm, which may result in a financial loss or expenditure to resolve. Non-permanent health effects to human health (easily prevented by means such as personal protective clothing, etc). Easily repairable effects of damage to buildings, structures and services.	The presence of contaminants at such concentrations that protective equipment is required during site works. The loss of plants in a landscaping scheme. Discoloration of concrete.

In accordance with DoE guidance, the following categorisation of **probability** has been developed.

Classification	Definition
High Likelihood	There is a pollution linkage and an event that either appears very likely in the short term and almost inevitable over the long term or there is evidence at the receptor of harm or pollution.
Likely	There is a pollution linkage and all the elements are present and in the right place, which means that it is probable that an event will occur. Circumstances are such that an event is not inevitable, but possible in the short term and likely over the long term.
Low Likelihood	There is a pollution linkage and circumstances are possible under which an event could occur. However, it is by no means certain that even over a longer period such event would take place, and is less likely in the shorter term.
Unlikely	There is a pollution linkage but circumstances are such that it is improbable that an event would occur even in the very long term.

In accordance with DoE guidance, the following categorisation of **risk** has been developed.

Classification	Definition
Very High Risk	There is a <i>high probability</i> that <i>severe harm</i> could arise to a designated receptor from an identified hazard at the site without appropriate further action.
High Risk	<i>Harm is likely to arise</i> to a designated receptor from an identified hazard at the site without appropriate further action.
Moderate Risk	<i>It is possible</i> that without appropriate further action <i>harm could arise</i> to a designated receptor. It is <i>relatively unlikely</i> that any such harm would be <i>severe</i> , and if any harm were to occur it is <i>more likely</i> that such harm would be <i>relatively mild</i> .
Low Risk	<i>It is possible</i> that <i>harm could arise</i> to a designated receptor from an identified hazard. It is <i>likely</i> that, at worst, if any harm was realised any effects would be <i>mild</i> .
Negligible Risk	The presence of an identified hazard does not give rise to the potential to cause harm to a designated receptor.

The term 'risk' in this instance refers to the risk that the source, pathway, receptor linkage for a given source of contamination is complete. It does not refer to immediate risk to individuals or features present on the site from potential contaminants and is intended to be used as a tool to assess the necessity of further investigation.



Appendix A4.1 – Table and Summary of Potential Risks, Sheet 1

Conceptual Site Model		Qualitative Risk Assessment			
Source	Pathway(s)	Receptor(s)	Consequence (Potential Severity)	Likelihood of Occurrence	Risk*
S1: Made ground soils on site	P2: Vertical migration	R2: Controlled waters (Groundwater)	Medium	Low Likelihood	Moderate/Low
	P3: Horizontal migration	R3: Controlled waters (Surface Waters)	Medium	Low Likelihood	Moderate/Low
	P1: Direct contact, ingestion, inhalation (dust and vapours)	R1: End user of site	Medium	Low Likelihood	Moderate/Low
	P1: Direct contact, ingestion, inhalation (dust and vapours)	R4: Construction workers	Minor	Low Likelihood	Negligible
	P1 & P3: Direct contact, ingestion, inhalation (dust and vapours) and horizontal migration	R5: Construction materials	Mild	Low Likelihood	Low
	P1 & P3: Direct contact, ingestion, inhalation (dust and vapours) and horizontal migration	R6: Local ecology	Minor	Low Likelihood	Negligible
S2: Made ground soils off site	P3 & P1: Horizontal migration and direct contact, ingestion, inhalation (dust and vapours)	R1: End user of site	Medium	Likely	Moderate
	P3 & P1: Horizontal migration and direct contact, ingestion, inhalation (dust and vapours)	R4: Construction workers	Minor	Likely	Negligible

Appendix A4.1 – Table and Summary of Potential Risks, Sheet 2

Source	Conceptual Site Model			Qualitative Risk Assessment		
	Pathway	Receptor	Consequence (Potential Severity)	Likelihood of Occurrence	Risk*	
S3: Natural soils on or off site	P1 & P3: Direct contact, ingestion, inhalation (dust and vapours) and horizontal migration	R1: End user of site	Medium	Unlikely	Moderate/Low	
	P1 & P3: Direct contact, ingestion, inhalation (dust and vapours) and horizontal migration	R4: Construction workers	Minor	Unlikely	Negligible	
S4: Ground gases	P2 & P3: Vertical and horizontal migration	R1: End user of site	Severe	Low Likelihood	High/Moderate	
S5: Radon	P2 & P3: Vertical and horizontal migration	R1: End user of site	Medium	Unlikely	Low	
	P1: Direct contact	R1: End user of site	Severe	Unlikely	Moderate/Low	
S6: Unexploded ordnance	P1: Direct contact	R4: Construction workers	Severe	Unlikely	Moderate/Low	

*Risk refers to the potential risk that the Source, Pathway, Receptor linkage is complete and is used to determine if any further investigation is required. It does not indicate immediate emergency risk to any individual or feature present on the site unless specifically noted.

Our Locations

Birmingham

2 The Wharf
Bridge Street
Birmingham B1 2JS
T. 0121 643 4694
birmingham@curtins.com

Bristol

3/8 Redcliffe Parade West
Bristol
BS1 6SP
T. 0117 925 2825
bristol@curtins.com

Cardiff

3 Cowly-Parc
Earlswood Road
Cardiff
CF14 6QH
T. 029 2068 0900
cardiff@curtins.com

Douglas

Varley House
29-31 Duke Street
Douglas Isle of Man
IM1 2AZ
T. 01624 624 585
douglas@curtins.com

Edinburgh

35 Manor Place
Edinburgh
EH3 7DD
T. 0131 225 2175
edinburgh@curtins.com

Kendal

28 Lower Street
Kendal
Cumbria LA9 4DH
T. 01539 724 823
kendal@curtins.com

Leeds

Woodside Mews
Clayton Wood Close
Leeds LS16 6QE
T. 0113 274 8509
leeds@curtins.com

Liverpool

Curtin House
Columbus Quay
Riverside Drive
Liverpool L3 4DB
T. 0151 726 2000
liverpool@curtins.com

London

Units 5/6
80 Cornhill Street
London
EC1V 0BD
T. 020 75242240
london@curtins.com

Manchester

10 Oxford Court
Bishopsgate
Manchester M2 8WQ
T. 0161 236 2394
manchester@curtins.com

Nottingham

56 The Ropewalk
Nottingham
NG1 5DW
T. 0115 941 5551
nottingham@curtins.com



Registered in England and Wales number: 2054159
Registered office: Curtin House, Columbus Quay, Riverside Drive, Liverpool L3 4DB