

Sutcliffe

Phase I Desk Study

At: Church Raikes, Chipping
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Client: LHT

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SUTCLIFFE INVESTIGATIONS

PHASE I DESK STUDY

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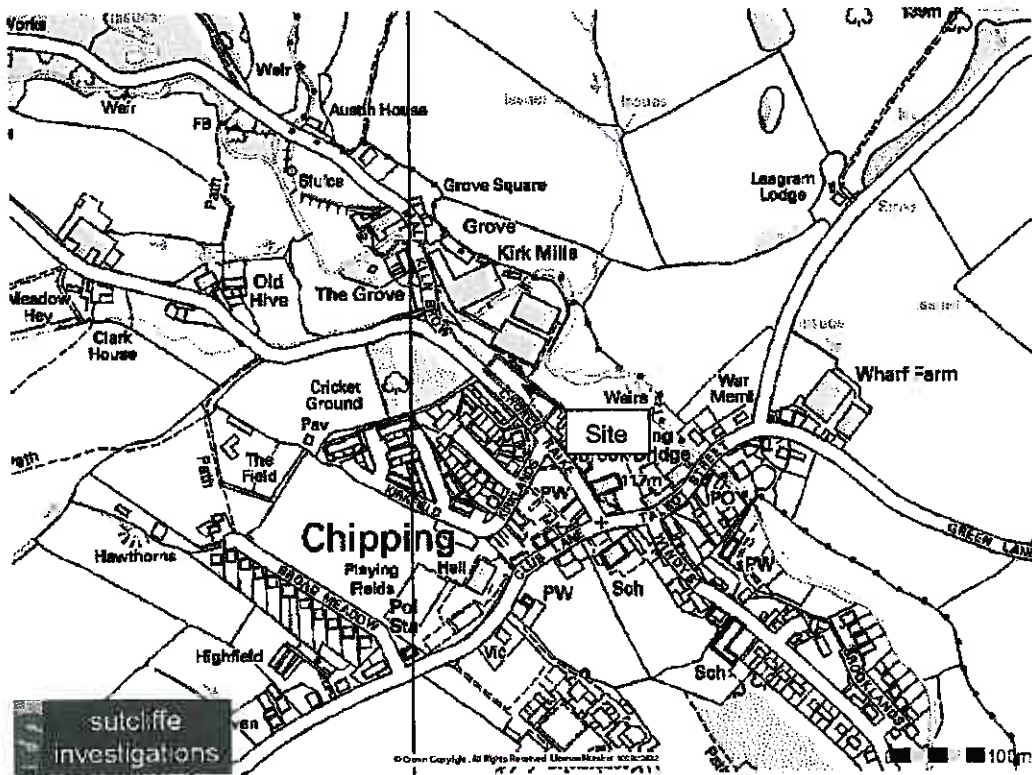
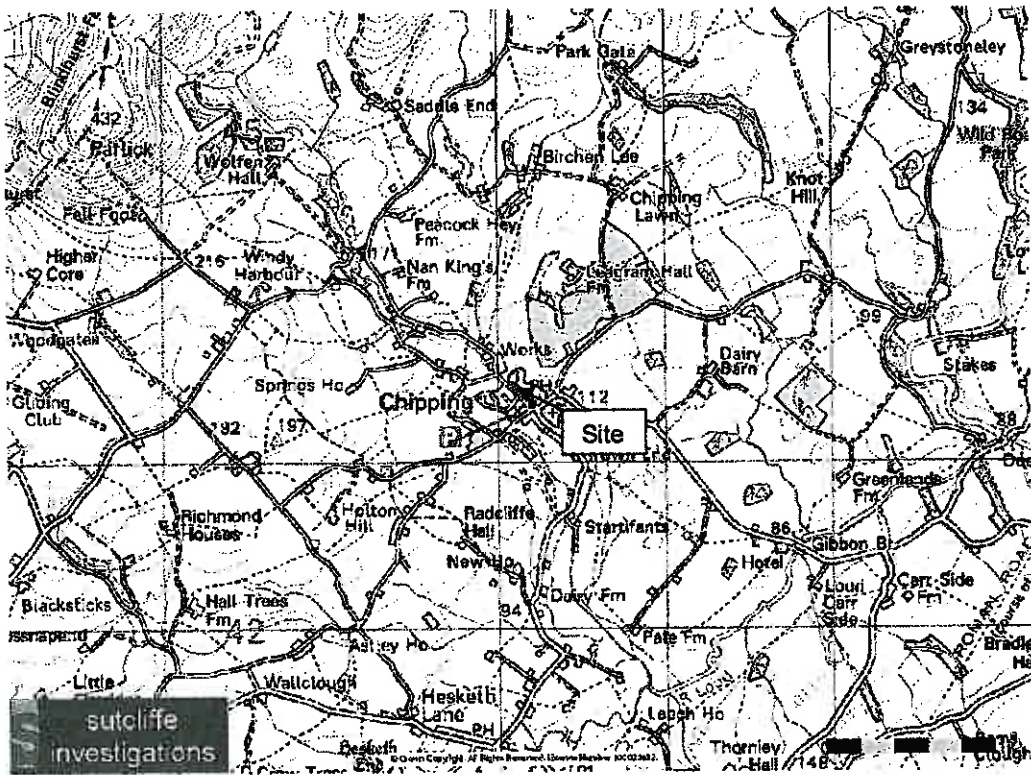
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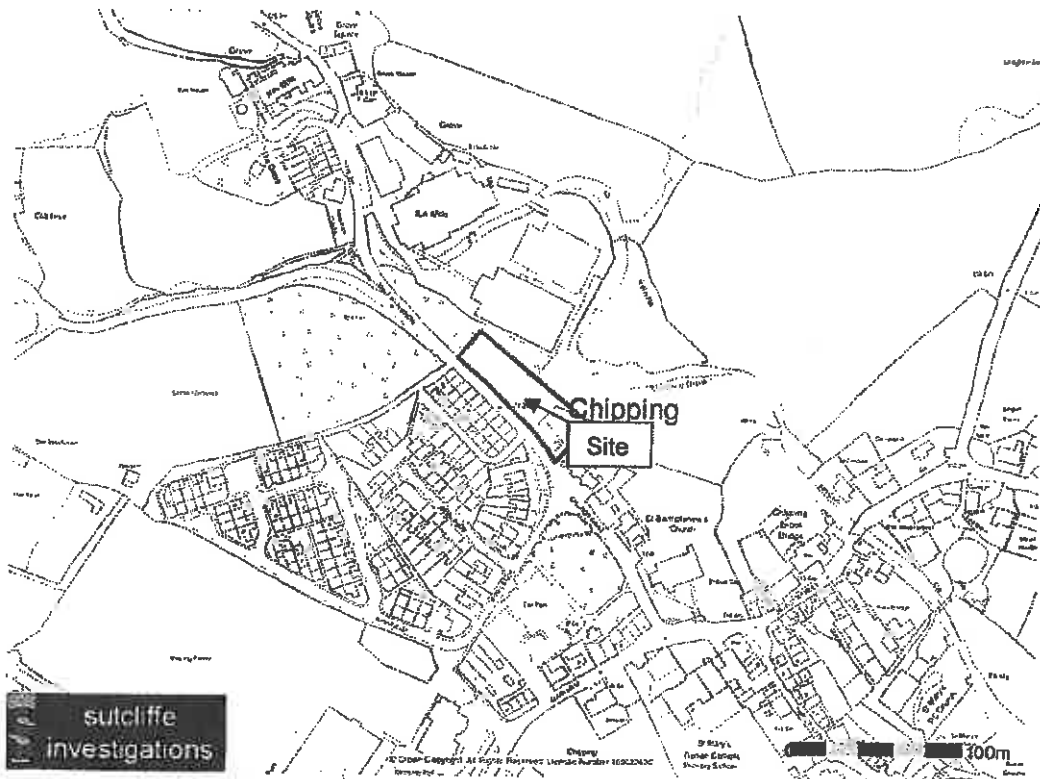
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SITE ADDRESS	Church Raike Chipping Preston PR3 2QL
GRID REFERENCE	362120, 443430
SIZE	0.21Ha
LOCATION	The site is located on Church Raike, within the area of Chipping. The site is approximately 10 miles north east of Preston. Three site location plans of varying scales and an aerial photograph are shown on the following pages.
PROPOSED DEVELOPMENT	The proposed development for the site is for eight houses comprising six 3 bedroom five person houses for social rent and two 4 bedroom houses for private sale. There is a Non-Potable Water Main that is noted running across the site and consideration has been taken for the 5m easement to either side of the pipe.

SITE PLAN





HISTORICAL DEVELOPMENT From a review of the Ordnance Survey maps provided by Envirocheck®, the following historic developments have been identified:

Date	Scale	On Site	Surrounding Area
1847	1:10,560	Much of the site is undeveloped. A building and an area of garden are noted on the eastern portion of the site however this is thought to be associated with the houses on the eastern border of the site. Although it is unclear from the map it appears trees are noted on site.	Much of the surrounding area appears to be field land dotted with trees and houses. Chipping Brook is noted approximately 40m north east of the site flowing in a north west to south east direction and a church is noted approximately 80m south east of the site. A small cluster of houses are noted beyond this church in the area of Chipping.
1892 - 1893	1:2,500	Trees are no longer noted on site.	Mill Pond is noted approximately 200m north west of the site, a cluster of trees are noted to the south of the pond and large houses are noted in this area including Malt Kiln House, Austin House and Kirk House. Kirk Chair Manufactory is also noted approximately 180m north west of the site. A grave yard associated with the mentioned church is noted approximately 60m south east of the site. There appears to be an increase in houses to the south east of the site in the area of chipping. Another burial ground is noted approximately 220m south east of the site associated with St Marys Church. A school is noted approximately 300m south east of the site and Wharf Farm and Chipping Mill are noted approximately 250m east of the site. The areas to the north, north east and south west are still predominantly areas of field land dotted with trees.
1895	1:10,560	No change is evident on site.	A quarry is noted approximately 800m north of the site.
1912	1:2,500	No change is evident on site.	A smithy is noted approximately 100m south of the site and another mill pond is noted approximately 240m south east of the site.
1913 - 1914	1:10,560	No change is evident on site.	No change is evident in the surrounding area of the site.
1932	1:2,500	No change is evident on site.	No change is evident in the surrounding area of the site.
1956	1:10,000	No change is evident on site.	Buildings are noted on the southern border of the site however due to the scale of the map these purpose of these buildings is unclear.
1968	1:2,500	An additional building is now noted in south eastern corner of the site.	A number of properties to the north west of the site have now been replaced by Kirk Mills, the closest building associated with these mills is noted approximately 60m north west of the site. A cluster of houses are noted on the southern border of the site beyond which a cricket ground and a playing field is noted. A coal yard is noted approximately 100m south of the site. There has also been an increase in the number of residential properties and local amenities including schools and churches in the area of Chipping.
1971	1:10,000	No change is evident on site.	No change is evident in the surrounding area of the site.

Date	Scale	On Site	Surrounding Area
1982	1:2,500	No change is evident on site.	Two large buildings the purpose of which are unknown, are noted approximately 10m north of the site, these buildings are possibly associated with Kirk Mills. There has also been a small increase in residential properties to the south of the site.
1987	1:10,000	No change is evident on site.	No change is evident in the surrounding area of the site.
1994	1:2,500	No change is evident on site.	No change is evident in the surrounding area of the site.
1996	1:2,500	No change is evident on site.	No change is evident in the surrounding area of the site.
2001	1:10,000	No change is evident on site.	No change is evident in the surrounding area of the site.
2006	1:10,000	No change is evident on site.	No change is evident in the surrounding area of the site.
2006	1:10,000	No change is evident on site.	No change is evident in the surrounding area of the site.
2011	1:10,000	No change is evident on site.	No change is evident in the surrounding area of the site. Residential properties are still noted to the south and south east of the site and larger properties and Kirk Mills are still noted to the north and north west of the site. The areas beyond these properties generally consist of field land. Chipping Brook is also still noted to the north of the site, running into Dobson's Brook.

The Historical O.S maps are presented in Appendix C.

GEOLOGICAL SETTING

From a review of the British Geological Survey (BGS) Solid and Drift Sheet 067, Garstang (1999) at a scale of 1:50,000 the following geological succession has been identified (Appendix E).

Strata	Description	Approx. Thickness
Superficial Geology	Till, Devensian	N/S
Solid Geology	Park Style Limestone Member Bowland Shale Formation	N/S

A fault is noted approximately 390m west of the site trending east to west. Another fault is noted approximately 530m south of the site trending east to west.

RADON

According to the Envirocheck[®] Report, the site is within a radon affected area, as between 1% and 3% of homes are above the action level. However no radon protection measures are necessary in the construction of new dwellings or extensions.

HYDROGEOLOGY

The Bedrock is classified as a Secondary A Aquifer by the Environment Agency. These are 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. The Superficial Deposits are classified as Unproductive Strata by the Environment Agency. These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow. According to the EA Groundwater Vulnerability Maps the site is not within a Source Protection Zone.

There are no groundwater abstraction points listed in the Envirocheck[®] Report within 2000m of the site.

HYDROLOGY

The nearest surface water feature is listed in the Envirocheck® Report as being located 23m north east of the site, this is not named, but appears to be Chipping Brook.

There are 11 recorded pollution incidents to the controlled waters listed in the Envirocheck® Report, 3 of which were classified as Category 2 – significant incident and 8 were classified as Category 3 – minor incident. The closest incident was identified 95m north east of the site at a discharged at Chipping by Nww, in April 1998 with Raw Water. The most recent pollution incident occurred in July 1999 from a fuel oil spillage at Main Street by The Talbot Hotel, Lancashire. Due to the distance and date of the pollution incidents that have occurred within 1000m of the site the risk of the site being polluted by these is negligible.

There are 4No. surface water abstractions listed within the Envirocheck® Report within 2000m of the site. The nearest of these is located at a spring at Blackhall, Chipping, 1078m south west of the site. The abstraction is for General Use (Medium Loss). It is not thought likely that this will not affect or be affected by the development.

FLOODING

According to the Envirocheck® Report the site is not within an area of extreme flooding from rivers or sea without defences. While an area of flooding is noted near the site associated with Chipping Brook, it is though unlikely that the site will be affected due to the topography between the edge of the site and the brook.

SENSITIVE LAND USE

The Envirocheck® Report states that the site is in an area of outstanding natural beauty.

LANDFILLS AND WASTE

According to the Envirocheck® Report there are is a Historic Landfill 854m west of the site, located at Black Hall Farm, off Garstang Road, Chipping. It is not thought likely that it will affect the site.

RADIOACTIVE SUBSTANCES There are no registered radioactive substances located within the area.

SERVICES

Sewer: Sewers are noted along Church Raike. While no services appear to be present on site a Utility Services Investigation has identified a storm water pipe passing through the site and discharging into Chipping Brook.

Electricity: An 11kV electricity line is noted along eastern boundary of the site.

Water: A non-potable water main runs across the centre of the site. Consideration of this will be required for the proposed site investigation and the final development.

BT: Services are noted along Church Raike. However no services appear to be present on site.

Gas: National Grid has identified that it has no record of apparatus in the vicinity of the site. However there may still be gas services present.

Virgin Media: Services are noted not noted in the vicinity of the site.

COAL MINING REPORT

The site is not in an area for which a Coal Authority Report is required.

CONCEPTUAL MODEL

The conceptual model provides a form of qualitative site risk assessment; it identifies where a "pollutant linkage" exists which could lead to harm to human health or the environment. Within the terms set out by Part IIA of the Environmental Protection Act 1990, all three of the following elements must be present for a pollutant linkage to occur.

- **Contaminant (Source):** a hazardous substance or agent that has the potential to cause harm or damage a receptor.
- **Pathway:** the means by or through which a contaminant comes into contact with, or otherwise affects, the receptor.
- **Receptor:** an entity (Human being, aquatic environment, flora and fauna etc) that is vulnerable to the adverse effects of the contaminant.

POTENTIAL SOURCES

The site is roughly rectangular in shape and consists a roughly grassed plot that is noted to slope down to the north. The surrounding area consists of residential buildings, fields and a brook. Historically, the surrounding area has been occupied by fields, and housing.

In summary, the following land uses or processes that have occupied the site and the surrounding area have the potential to cause ground contamination.

On Site	Potential Contaminants
Field Trees Out Buildings	Metals pH Asbestos

Off Site	Potential Contaminants
Fields	Potential for:
Trees	Metals
Housing	Asbestos
Chipping Brook	pH
Church	PAHs
Mill Pond	TPHs
Chair Manufactory	Ground Gas
Grave Yard	
School	
Farm	
Mill	
Quarry	
Smithy	
Coal Yard	

It is not thought that off-site contaminants will affect this site.

POTENTIAL PATHWAYS

Potential pathways for the site are:

- Human ingestion / direct contact / inhalation of contaminated soil / dust / water / food through plant root uptake.
- Migration of water borne contaminants through permeable stratum such as the deposits of made ground, service corridors, the sand within the superficial geology.
- Attack on building structures through migration of gas and vapours through permeable ground.
- Migration of gases and vapours through pore and fissure space in made ground, service corridors sand bands in the glacial till.
- Attack on services with presence of corrosion / aggressive substances.

POTENTIAL RECEPTORS

The theoretical receptors defined under the *Contaminated Land (England) Regulations 2000* are:

- A living organism, a group of living organisms, an ecological system or piece of property which is being harmed, or could be harmed by a contaminant; and
- Controlled waters that are being, or could be polluted by a contaminant.

With regard to the subject site, the significant potential receptors of contamination are considered to be:

- Human health of site users, site workers and adjacent site users (using site in current condition; ground workers in development of site; using the site in its remediated / developed condition).
- Vegetation.
- Built structures and any below ground infrastructure
- Land adjacent to the site.

Conceptual Site Model (CSM)**POTENTIAL POLLUTION LINKAGES / RISK ASSESSMENT**

Source	Receptor		Pathway	Pollutant Linkage	Consequence	Risk	
Contaminated Soil	Humans	Current	Ingestion, Inhalation Direct Contact	Low likelihood	Medium	Moderate/ Low	
		Developing		Low likelihood	Medium	Moderate/ Low	
		Future		Unlikely	Mild	Very Low	
	Building / Services		Dust Direct Contact	Unlikely	Medium	Low	
	Controlled waters	Groundwaters	Leaching Direct Contact	Unlikely	Medium	Low	
		Surface waters		Unlikely	Medium	Low	
	Vegetation		Root Uptake / Direct Contact	Low likelihood	Medium	Moderate/ Low	
	Adjacent land		Windblown dust	Low likelihood	Mild	Low	
	Soil Leachates	Humans	Current	Ingestion Direct contact	Unlikely	Mild	Very Low
			Developing		Low likelihood	Mild	Low
Future			Unlikely		Mild	Very Low	
Building / Services		Direct contact	Low likelihood	Mild	Low		
Controlled waters		Groundwaters	Leaching Direct contact	Low likelihood	Mild	Low	
		Surface waters		Unlikely	Mild	Very Low	
Vegetation		Root Uptake / Direct Contact	Low likelihood	Mild	Low		
Adjacent land		Direct contact	Low likelihood	Mild	Low		
Soil Gas / Vapour		Humans	Current	Asphyxiation	Low likelihood	Medium	Moderate/ Low
			Developing		Low likelihood	Medium	Moderate/ Low
	Future		Low likelihood		Mild	Low	
	Building / Services		Accumulation of explosive gas	Low likelihood	Mild	Low	
	Vegetation		Suffocation of roots	Low likelihood	Mild	Low	
	Adjacent land		Accumulation of explosive gas	Low likelihood	Mild	Low	

ENVIRONMENTAL RISK ASSESSMENT / CLASSIFICATION**CLASSIFICATION**

The desktop survey has highlighted areas of concern, and Sutcliffe Investigations have classified these as follows:

- **Class 1 Area: Potential for High levels of contamination and migration of contamination off the site.**
- **Class 2 Area: Potential for Medium levels of contamination and migration of contamination off the site.**
- **Class 3 Area: Potential for Low levels of contamination and migration of contamination off the site.**
- **Class 4 Area: Potential for limited contamination.**

The following areas of the site have been identified as:

- **Class 3: Chipping Brook in the area of the site.**
- **Class 4: Area of open space.**

Overall the risk classification of the site is **Low**.

Low is classified as; it is possible that harm could arise to a designated receptor from an identified hazard, but it is likely that this harm, if realised, would at worst normally be mild.

Land Use Risk

The site is roughly rectangular in shape and consists a roughly grassed plot that is noted to slope down to the north. The surrounding area consists of residential buildings, fields and a brook. Historically, the surrounding area has been occupied by fields, and housing.

Historical maps indicate that the following features have been noted on site along its recorded history: a field, trees and out buildings. Off site there have been fields, housing, a brook, church with grave yards, a school, a mill, quarry, smithy and a coal yard.

Taking the above into account, there is a low potential for a degree of localised/wide ground contamination to be present beneath the site as a result of current and past land use. Consequently, the **land use risk is considered to be Low.**

Environmental Setting Risk The site is underlain by a Secondary A Aquifer for the bedrock and Unproductive strata for the superficial deposits.

No groundwater water abstractions are noted within 2000m of the site. The nearest surface water feature is noted to be located 23m north east of the site, this is not named, but is Chipping Brook.

Taking the above into account, there is a low potential for a degree of localised leaching of contaminants into controlled waters and ground gas to be present beneath the site from the former land uses indicated before. Consequently the **environmental setting risk for the site is considered to be Low.**

CONCLUSIONS

The site is roughly rectangular in shape and consists of a roughly grassed plot that is noted to slope down to the north. The surrounding area consists of residential buildings, fields and a brook. Historically, the surrounding area has been occupied by fields, and housing.

The nearest surface water feature is listed in the Envirocheck® as being located 23m north east of the site, this is not named, but is Chipping Brook.

There is a Non-Potable water main that runs across the site carrying Raw Water. United Utilities require a 5m easement on either side of the pipe and will require access at all times. The recommendations for the site investigation will have to take this into consideration.

The site is located over a Secondary A aquifer for the bedrock and Unproductive Strata for the superficial deposits.

The site is considered to be of a low environmental risk for its end land use.

RECOMMENDATIONS

Sutcliffe Investigations would therefore recommend that a preliminary Phase II: intrusive site investigation to be carried out to determine the status of contamination and to determine the geo-technical properties of the ground for foundation design.

The preliminary Phase II investigation should include the following:

- 1 Days Window samples (minimum depth 5m).
- 3No. installations within window samples to monitor soil gas and groundwater levels. Response zones will be within the made ground strata).
- 1 Days JCB Trial Holes
- PID on site
- 10No. Surface Samples
- 5No. Depth Samples
- 14No. Asbestos Samples
- 14No. Organic Matter Samples
- 4No. Speciated TPH Samples
- 5No. Leachate Samples
- 1No. VOC Sample
- 1No. SVOC Sample
- 1No. PCB Sample
- Geo-technical Suite
- 6No. Gas Monitoring Visits
- 2 No. days site attendance
- Note all tests will be carried out to MCERTS Accreditation
- A Tier 1 quantitative and qualitative risk assessment of contamination risk (soil contamination, controlled waters and ground gas), with respect to potential receptors and based upon a residential without plant uptake end use. This assessment will use a mixture of SGVs, Atkins Atrisk Tier 1 values and LQM GAC values.
- All samples will be delivered to a UKAS certified lab on day of sampling and scheduled to ensure holding times/testing times are ensured, all samples will be dealt with in accordance to BS10175
- Assessment of the geo-technical properties of the near surface deposits to enable provision of foundation and highway recommendations.
- Recommendations and Remedial Options if required

The above is based upon a source pathway receptor linkage that will be requested by the Local Environmental Health officer.

It should be noted that Sutcliffe Investigations have used reasonable skill, care and diligence in the design of the investigation of this site. The inherent infinite variation of ground conditions allows only definition of the actual conditions at the location and depth of exploratory holes, while those at intermediate locations can only be inferred. This site has not been checked for Japanese Knotweed or other detrimental plants.

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**APPENDIX A
GENERIC NOTES**

Generic Notes – Sutcliffe Investigations

Environmental Setting

General

Third party information obtained from the British Geological Survey (BGS), the Coal Authority, the Local Authority etc is presented in the Correspondence Appendix of the Geoenvironmental Report.

Geology, Mining & Quarrying

In order to establish the geological setting of a site, Sutcliffe Investigations refer to BGS maps for the area and the relevant geological memoir.

A coal mining report is obtained from the Coal Authority. Further information is sourced from the Local Authority and by reference to current and historical OS plans.

Landfills

Sutcliffe Investigations obtain data from the Landmark Information Group, the Environment Agency and the Local Authority with respect to known areas of landfilling within 250m of the proposed development site. Reference is also made to historical OS plans, which are inspected for evidence of backfilled quarries, railway cuttings, colliery spoil tips etc.

Radon

Radon is a colourless, odourless gas, which is radioactive. It is formed in strata that contain uranium and radium (most notably granite) and can move through fissures eventually discharging to atmosphere, or the spaces under and within buildings. Where radon occurs in high concentrations, it can pose a risk to health.

In order to assess potential risks associated with radon gas, Sutcliffe Investigations refer to BRE Report BR211, 1999: *"Radon: guidance on protective measures for new dwellings"*.

BR211 provides a preliminary indication of the measures required for a particular site, but it is also often necessary to request a Stage 2 Protective Measures Site Report from the BGS.

The level of protection needed is site-specific and is determined by reference to the radon potential map for the area followed by a geological assessment of the site. This information is contained in the Annexes of BR211.

Annex A – derived from statistical analysis of radon measurements in existing houses carried out by the NRPB and grouped on 5km grid.

Annex B – based on an assessment of the same radon measurements grouped by geological units. The maps show the 5km grid squares underlain completely or in part, by geological units which potentially exceed the action levels for radon protective measures. The grid squares are coded according to highest potential within the square. In many cases the actual geological radon potential varies considerably within a grid square.

Sutcliffe Investigations adopt the following procedure when assessing risk associated with radon.

Firstly, Annex A maps are reviewed to see whether the site requires full, basic or no measures. If the site is in a dark brown square, full radon protection measures are required. If the site is in a light brown square, reference should be made to Annex B.

Secondly, Annex B maps are reviewed to see whether a further geological assessment is required which may result in upgrading the result from Annex A. If a site lies within a shaded square, it may require radon protection and Sutcliffe Investigations request a Stage 2 Protective Measures Site Report from the BGS.

If the site is in a square that is not coloured or shaded in either set of maps then no radon protection is needed and therefore a BGS Report is not normally necessary.

The BGS geological assessment involves checking whether the site is on or close to a geological unit that has statistically been found to have elevated radon potential. The geological assessment is based on either 1:50,000 or the 1:250,000 scale data. The search area specified as part of the request is increased by 50m in areas where 1:50,000 data is available and by 500m in areas with 1:250,000 scale data to allow for potential inaccuracies in the position of boundaries. The BGS report indicates the highest level of protection required within the search area and its buffer zone.

When requesting a BGS report, Sutcliffe Projects select the search radius carefully, since too large a search radius may result in the inclusion of areas underlain by geological units of a higher radon potential, thereby giving rise to recommending too high a level of protection.

The report also includes (where available), a list of the geological units included in the assessment. Sutcliffe Investigations check that these actually underlie the site, rather than the buffer zone only.

On the basis of radon measurements in dwellings and on their geological interpretation, the BGS report stipulates the level of protective measures required for the proposed development site, and this could be:

1. no measures
2. basic measures or
3. full measures

Details of these measures are provided in the Hazardous Gas section of this Geoenvironmental Report.

Hydrogeology

Sutcliffe Investigations obtain information from the Environment Agency (EA) and the Landmark Information Group with respect to:

- groundwater quality
- recorded pollution incidents
- licensed groundwater abstractions

Reference is also made to the EA document "Policy and Practice for the Protection of Groundwater" (1998) and the relevant Groundwater Vulnerability Map.

Bedrock and any overlying granular Drift deposits are classified by the EA.

Major aquifers: *"Highly permeable formations, usually with a known or probable presence of significant fracturing. They may be highly productive and able to support large abstractions for public water supply and other purposes"*.

Minor aquifers: *"Fractured or potentially fractured rocks which do not have a high primary permeability, or other formations or variable permeability. Although these aquifers will seldom produce large quantities of water for abstractions, they are important both for local supplies and in supplying base flow to rivers"*.

Non-aquifers: *"Formations which are generally regarded as containing insignificant quantities of groundwater. However groundwater flow through such rocks, although imperceptible, does take place and needs to be considered in assessing the risk associated with persistent pollutants. Some non-aquifers can yield water in sufficient quantities for domestic use"*.

Groundwater vulnerability is determined by 4 variables:

1. The presence and nature of overlying soil (the weathered zone affected by living organisms; soil in the UK can extend up to 2m in depth). Physical properties of the soil affect the downward passage of water and its ability to attenuate pollutants. The EA make reference to a three-fold classification of soil types:-
 - Soils of low leaching potential are defined as "soils in which the pollutants are unlikely to penetrate the soil layer because either water movement is largely horizontal, or they have the ability to attenuate diffuse pollutants".
 - Soils of intermediate leaching potential are defined as "soils which have a moderate ability to attenuate diffuse source pollutants or in which it is possible that some non-absorbed diffuse source pollutants and liquid discharges could penetrate the soil layer".
 - Soils of high leaching potential are defined as "soils with little ability to attenuate diffuse source pollutants and in which non-absorbed diffuse source pollutants and liquid discharges have the potential to move rapidly to underlying strata or to shallow groundwater".

In urban areas and restored mineral workings the soil information is based on fewer observations than elsewhere. A worst-case vulnerability (H) is therefore assumed for these areas and for current mineral workings by the EA. All are given a designation of HU unless proved otherwise.
2. The presence and nature of Drift, which often overlies bedrock. Where Drift is of substantial thickness and low permeability, it can provide an effective barrier to surface pollutant migration. Permeability Drift is classified as a Minor Aquifer except where it is in probable hydraulic continuity with a Major Aquifer, where it is regarded as part of the Major Aquifer unless proven otherwise by site investigation.
3. The nature of the geological strata (bedrock). Rocks that contain groundwater in exploitable quantities are called aquifers.
4. The depth of the unsaturated zone; i.e. that part of the aquifer which lies above the water table.

The EA have also designated Source Protection Zones, which are based on proximity to a groundwater source (springs, wells and abstraction boreholes). The size of a Source Protection Zone may vary from tens to several thousand hectares.

Hydrology

Sutcliffes obtain information from the Environment Agency and the Landmark Information Group with respect to:

- Surface water quality
- Recorded pollution incidents
- Licensed abstractions (groundwater & surface waters)
- Licensed discharge consents
- Site susceptibility to flooding

The EA have set water quality targets for all rivers. These targets are known as River Quality Objectives (RQOs). The water quality scheme used to set RQO planning targets is known as the River Ecosystem scheme. The scheme comprises five classes (RE1 to RE5) which reflect the chemical quality requirements of communities of plants and animals occurring in our rivers.

General Quality Assessment (GQA) grades reflect actual water quality. They are based on the most recent analytical testing undertaken by the EA. There are six GQA grades (denoted A to F) defined by the concentrations of biochemical oxygen demand, total ammonia and dissolved oxygen.

The susceptibility of a site to flooding is assessed by reference to a Flood Map on the Environment Agency's website. These maps provides show natural floodplains – areas potentially at risk of flooding if a river rises above its banks or high tides and stormy seas cause flooding in coastal areas.

There are different kinds of area shown on the Flood Map:

1. Dark blue areas could be flooded by the sea by a flood that has a 0.5% (1 in 200) or greater chance of happening each year, or by a river by a flood that has a 1% (1 in 200) or greater chance of happening each year.
2. Light blue areas show the additional extend of an extreme flood from rivers or the sea. These outlying areas are likely to be affected by a major flood, with up to a 0.1% (1 in 1000) chance or occurring each year.

These two colours show the extent of the natural floodplain if there were no flood defences or certain other manmade structures and channel improvements.

The maps also show all flood defences built in the last five years to protect against river floods with a 1% (1 in 100) chance of happening each year, or floods from the sea with a 0.5% (1 in 200) chance of happening each year, together with some, but not all, older defences and defences which protect against smaller floods.

The Agency's assessment of the likelihood of flooding from rivers and the sea at any location is based on the presence and effect of all flood defences, predicted flood levels and ground levels.

It should also be noted that as the floodplain shown is the 1 in 100 year (or 1 in 200 year as appropriate) areas outside this may be flooded by more extreme floods (e.g. the 1 in 1000 year flood). Also, parts of the areas shown at risk of flooding will be flooded by lesser floods (e.g. the 1 in 5 year flood). In some places due to the shape of the river valley the smaller floods will flood a very similar extent to larger floods but to a lesser depth.

If a site falls within a floodplain, it is recommended that a flood survey be undertaken by a specialist consultant who can advise on appropriate mitigating measures; i.e. raising slab levels, provision of storage etc.

COMAH & Explosive Sites

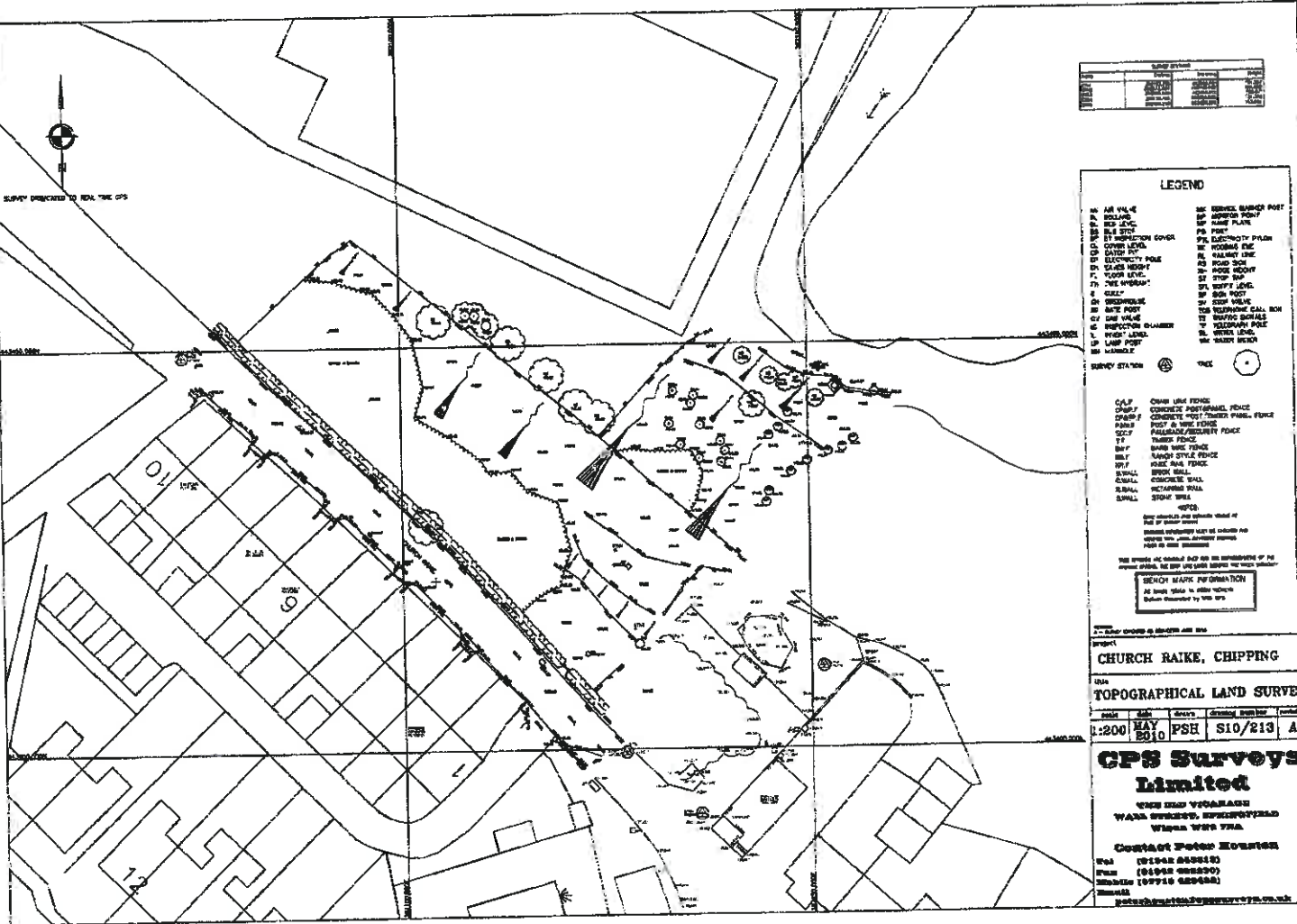
Sutcliffe Investigations obtain information from the Landmark Information Group with respect to COMAH or explosive sites within 1km of the proposed development site. Sutcliffe Investigations' report refers to any that are present and recommends that the Client seeks further advice from the HSE.

Areas around COMAH sites (chemical plants etc) are zoned with respect to the implementation of emergency plans. The HSE are a statutory consultee to the local planning authority for all COMAH sites. The COMAH site may have to revise its emergency action plan if development occurs. This might be quite straightforward or could entail significant expenditure. Consequently, the COMAH site may object to a proposed development (although it is the Local Authority who have final say and they are likely to place more weight on advice from the HSE).

Preliminary Conceptual Ground Model

The site's environmental setting (and proposed end use) is used by Sutcliffe Investigations to assess the significance of any contamination encountered during the subsequent ground investigation.

**APPENDIX B
DRAWINGS**



Symbol	Description	Symbol	Description
▲	Survey Point	●	Spot Level
○	Level	○	Level

- LEGEND**
- AK AIR VALVE
 - AL ALIEN
 - AM ANCHOR
 - AN ANCHOR
 - AO ANCHOR
 - AP ANCHOR
 - AQ ANCHOR
 - AR ANCHOR
 - AS ANCHOR
 - AT ANCHOR
 - AV ANCHOR
 - AW ANCHOR
 - AX ANCHOR
 - AY ANCHOR
 - AZ ANCHOR
 - BA ANCHOR
 - BB ANCHOR
 - BC ANCHOR
 - BD ANCHOR
 - BE ANCHOR
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 - BQ ANCHOR
 - BR ANCHOR
 - BS ANCHOR
 - BT ANCHOR
 - BU ANCHOR
 - BV ANCHOR
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 - BY ANCHOR
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 - CU ANCHOR
 - CV ANCHOR
 - CW ANCHOR
 - CX ANCHOR
 - CY ANCHOR
 - CZ ANCHOR
 - DA ANCHOR
 - DB ANCHOR
 - DC ANCHOR
 - DD ANCHOR
 - DE ANCHOR
 - DF ANCHOR
 - DG ANCHOR
 - DH ANCHOR
 - DI ANCHOR
 - DJ ANCHOR
 - DK ANCHOR
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 - DM ANCHOR
 - DN ANCHOR
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 - EG BENCH MARK POST
 - EH BENCH MARK POST
 - EI BENCH MARK POST
 - EJ BENCH MARK POST
- NOTES**
- Any additional details should be referred to the original drawing.
- MEASUREMENTS TAKEN BY SURVEYOR.
- THIS DRAWING IS A REPRESENTATION OF THE SURVEY AND SHOULD NOT BE USED FOR ANY OTHER PURPOSES.
- BENCH MARK INFORMATION**
- As shown on this drawing.
- Survey conducted by WPS LTD.

CHURCH RAIKE, CHIPPING

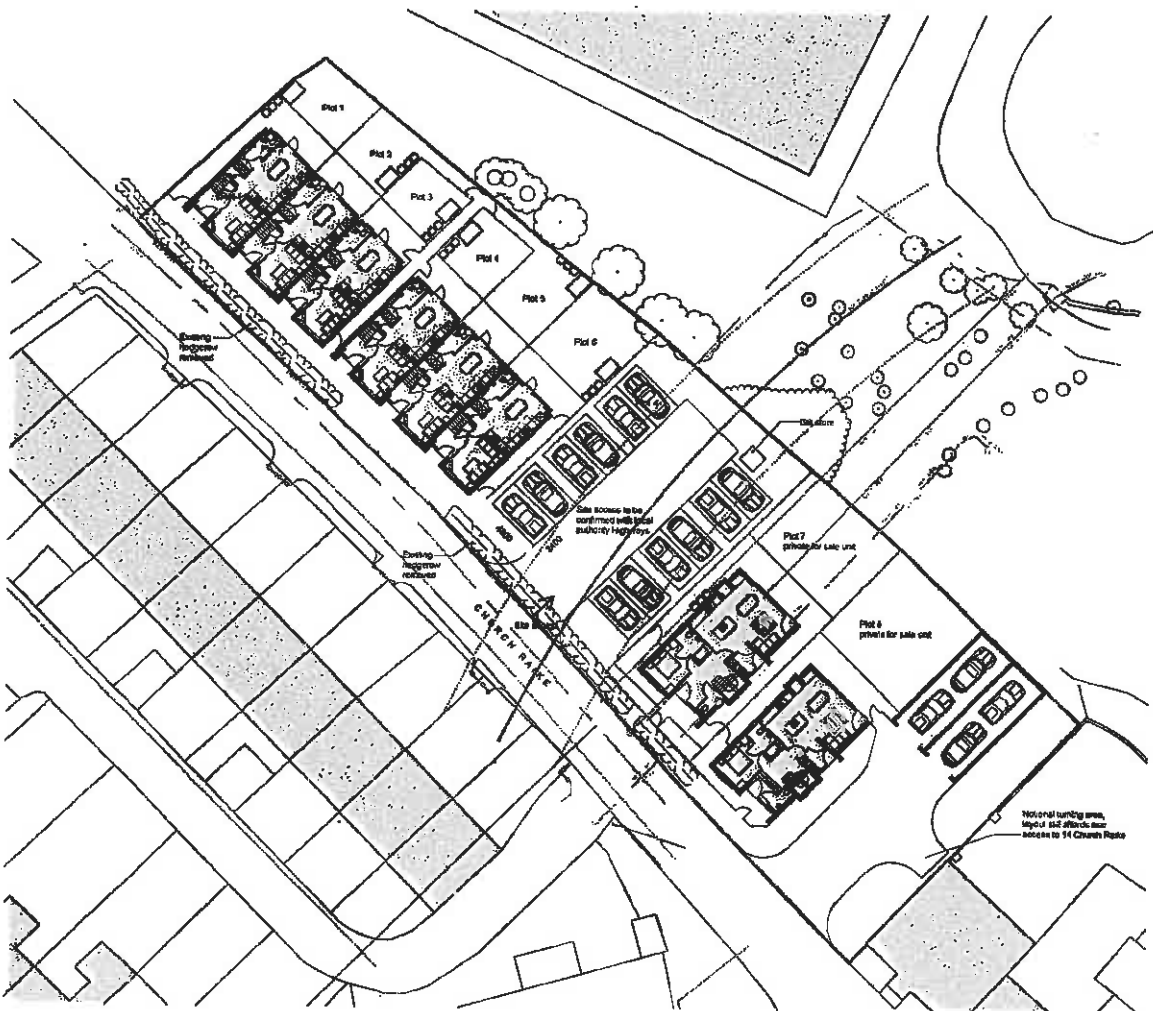
TOPOGRAPHICAL LAND SURVEY

DATE	SCALE	BY	PROJECT
MAY 2010	1:200	PSH	S10/213

CPS Surveys Limited

2015 NEW VICTORIA
WARRINGTON, ENGLAND
WARRINGTON W10 9TA

Contact Peter Mountain
Tel (01948 884410)
Fax (01948 884430)
Mobile (07710 884408)
www.cpsurveys.com



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Notes
 This drawing must be checked and verified by the contractor prior to work commencing on site.

Liability shall not be taken for any defects in this drawing unless, prior to commencing, the drawing and all its dimensions have been examined and verified.

All dimensions are in millimetres.
 Do not trim.

Type A 3-Bed House	8
88.25m ² (947.5 sq ft)	
Type B 4-Bed House	1
183.9m ² (1997.5 sq ft)	
Total	9

- Water Mains (Non Potable Main)
- Sewer Main (Other side of the Mains)
- 2 Sever Storm Water Connections



Order No: _____ Date: _____

Project: Proposed Residential Development
 Church Road
 Chipping

Client: Liverpool Housing Trust

Drawn: _____
 Checked: _____
 Date: _____

Scale: 1:200 @ A3 C.B. 28/11/11



**APPENDIX C
HISTORICAL MAPS**

Historical Mapping Legends

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

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

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

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Historical Mapping & Photography Included:

Specimen Type	Scale	Date	Page
Subsidence and Purpose	1:25,000	1980-1981	21
Subsidence and Purpose	1:25,000	1982	23
Subsidence and Purpose	1:25,000	1983	27
Subsidence and Purpose	1:25,000	1984	31
Subsidence and Purpose	1:25,000	1985	35
Subsidence and Purpose	1:25,000	1986	39
Subsidence and Purpose	1:25,000	1987	43
Subsidence and Purpose	1:25,000	1988	47
Subsidence and Purpose	1:25,000	1989	51

Historical Map - Segment A13

Order Details

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Customer Ref: 381922.0

National Grid Reference: 382120, 445430

Scale: A

Site Area (Ha): 0.21

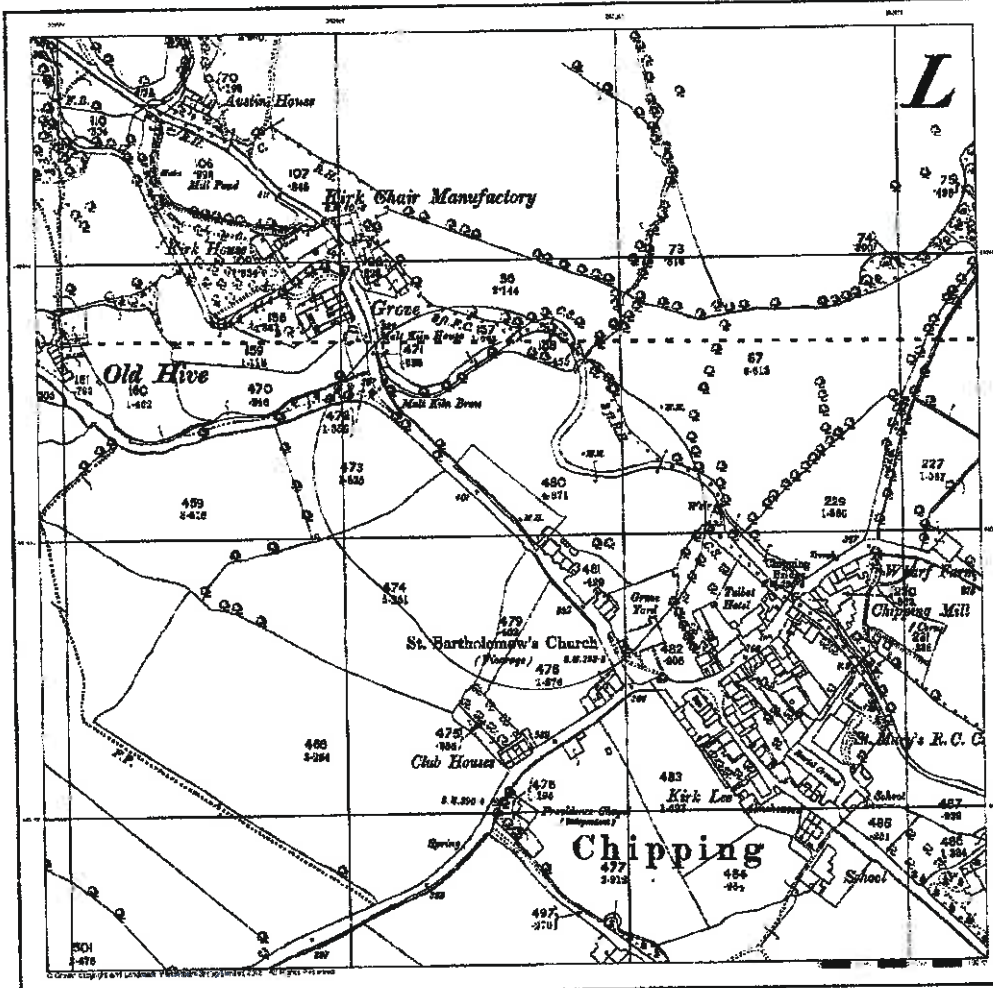
Search Buffer (m): 100

Site Details

Church Rake, Chipping, PRESTON, PR3 2CL

Landmark

A Landmark Information Group Service - 0178 5349012 Page 1 of 8



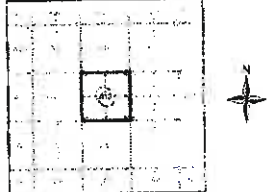
Lancashire And Furness
Published 1892 - 1893
Source map scale - 1:2,500

The National maps shown here reproduced from maps previously held at the Ordnance Survey Office, London in the 1840's. In 1864 the OS made a new edition for the whole of Great Britain by 1868 it covered the whole of Great Britain and was considered to be the most up to date. The published data given below is often some years later than the original data. Since 1988 all OS maps were based on the Ordnance Survey, with its expanded surveys of a single county or group of counties, giving the significant, major, roads of a county area.

Map Name(s) and Date(s)

1	046 27
2	130
3	13 304
4	248 29
5	209
6	12 116

Historical Map - Segment A13

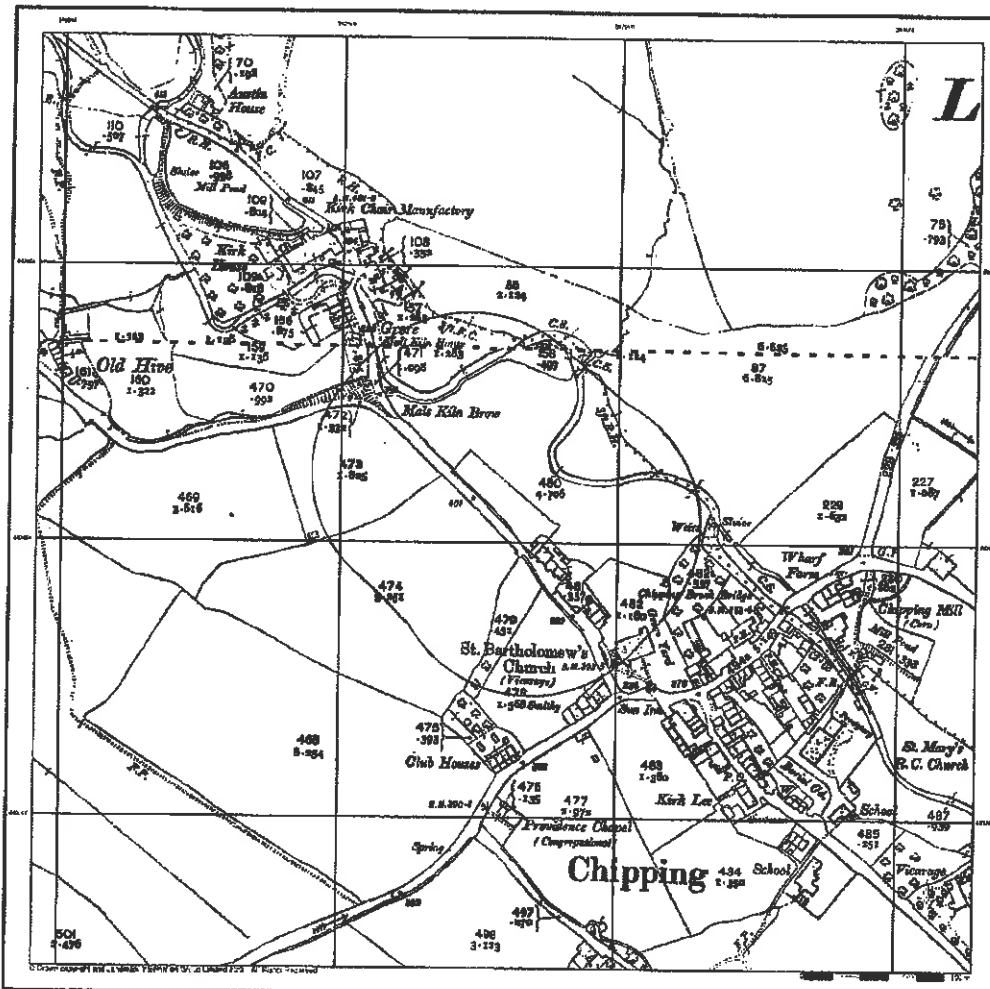


Order Details

Order Number: 38348275_1_1
 Customer Ref: 22192LC
 National Grid Reference: 502150, 443430
 Site: A
 Site Area (-ha): 0.21
 Search Buffer (m): 100

Site Details

Church Rise, Chipping PRESTON, PR3 2DL



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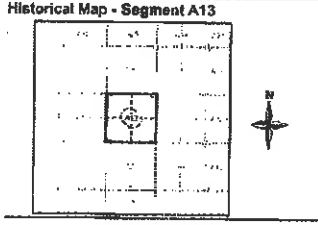
Lancashire And Furness
Published 1912
Source map scale - 1:2,500

The historical maps shown were reproduced from maps individually held at the scale adopted for England, Wales and Scotland in the 1840's. In 1850 the 1:2,500 scale was adopted for mapping urban areas and by 1860 it covered the whole of what were considered to be the industrial parts of Great Britain. The published data given below is often some years later than the original date. Before 1850, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties giving rise to slight discontinuities in adjoining areas.

Map Name(s) and Date(s)

Map 25
 1:2,500
 1840

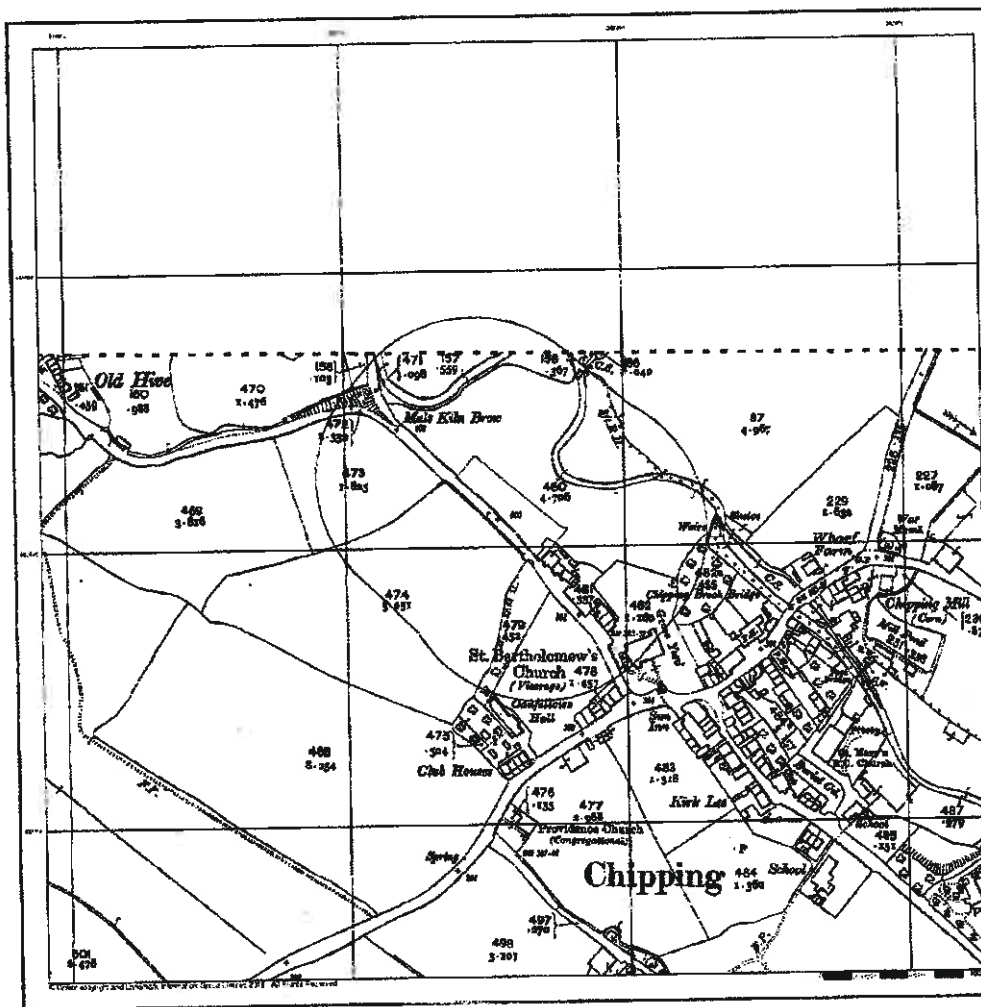
Map 17
 1:2,500
 1840



Order Details

Order Number: 38346278_L_1
 Customer Ref: 28192L_G
 National Grid Reference: 582120, 443490
 Site: A
 Site Area (Ha): 0.21
 Search Buffer (m): 100

Site Details
 Church Niche, Chipping, PRESTON, PR3 2QL



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**Lancashire And Furness
Published 1932**

Source map scale - 1:2,500

The historical maps shown were first published in 1888, produced from a field sketch of the whole of Lancashire and Furness in the 1840's. In 1888 the 1:2,500 scale was reduced for mapping under a new title and by 1932 it covered the whole of Lancashire and Furness. The published maps given below are other parts of the same series. Below 1932, all maps were published on the Ordnance Survey's independent survey of a single county or group of counties giving rise to significant inaccuracies in adjoining areas.

Map Name(s) and Date(s)

1888
1932

Historical Map - Segment A13

Order Details

Order Number: 38346273_1_1
 Customer Ref: 28192LG
 National Grid Reference: 382129, 443430
 Scale: A
 Site Area (Ha): 0.21
 Search Buffer (m): 100

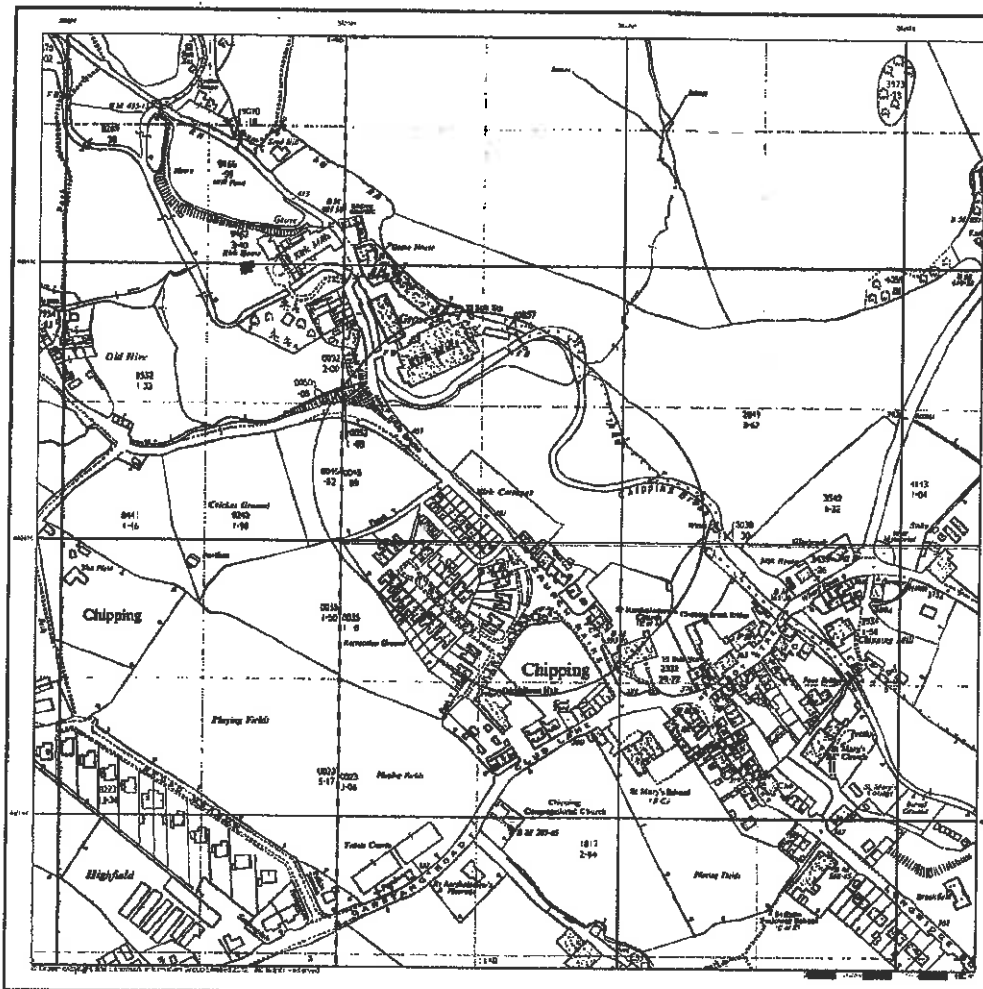
Site Details
 Church Falke, Chipping, PRESTON, PR3 2SL

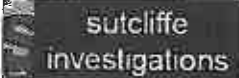
Landmark

A Landmark Information Group 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

1: 02 84 003
F: 01 43 244 003
W: www.sutcliffeinvestigations.co.uk

A Landmark Information Group 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

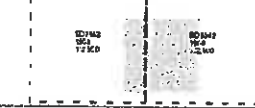




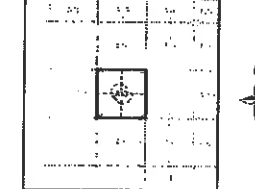
Ordnance Survey Plan
Published 1968
Source map scale - 1:2,500

The historical maps shown were reproduced from maps permanently 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 1900s covered the whole of what were considered to be the cultivated parts of Great Britain. The published data given below is often some years prior to the surveyed date. 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 inconsistencies in adjoining areas.

Map Name(s) and Date(s)




Historical Map - Segment A13



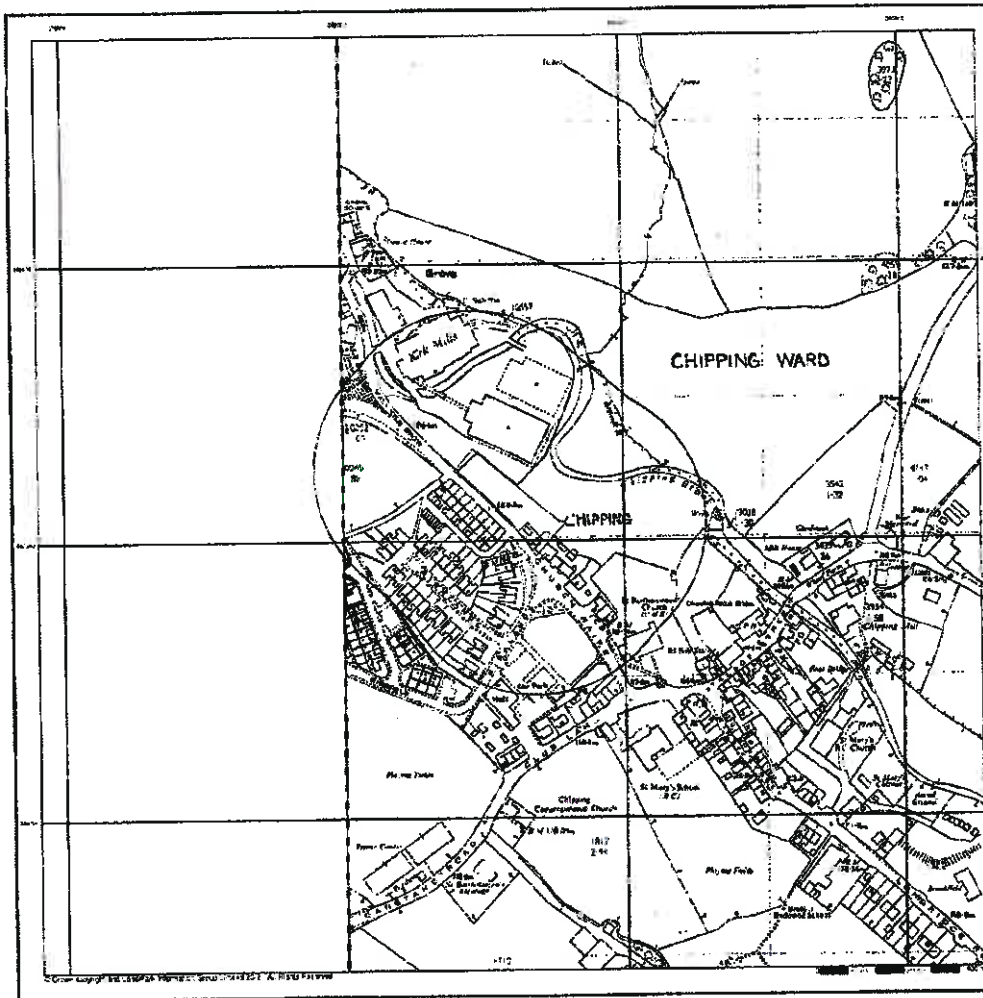
Order Details
 Order Number: 36546273_1_1
 Customer Ref: 201921/G
 National Grid Reference: 302120, 445430
 Site: A
 Site Area (Ha): 0.21
 Search Buffer (m): 100

Site Details
 Church Lane, Chipping PRESTON, PR8 2DL



Tel: 01494 609952
 Fax: 01494 609953
 Web: www.landmark.co.uk

A Landmark Information Group System v470 03-Apr-2012 Page 8 of 8



sutcliffe investigations

**Additional SIMs
Published 1982**

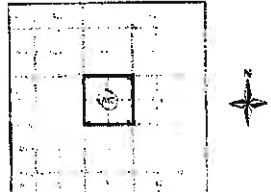
Source map scale - 1:2,500

The SIMs on the Ordnance Survey's Series of Information on Movements are further minor editions of mapping which were produced and published by Ordnance Survey in the area was updated. They date from 1947 to 1982 and contain detailed information on buildings, roads and land-use. These maps were produced at a scale of 1:2,500.

Map Name(s) and Date(s)



Historical Map - Segment A13

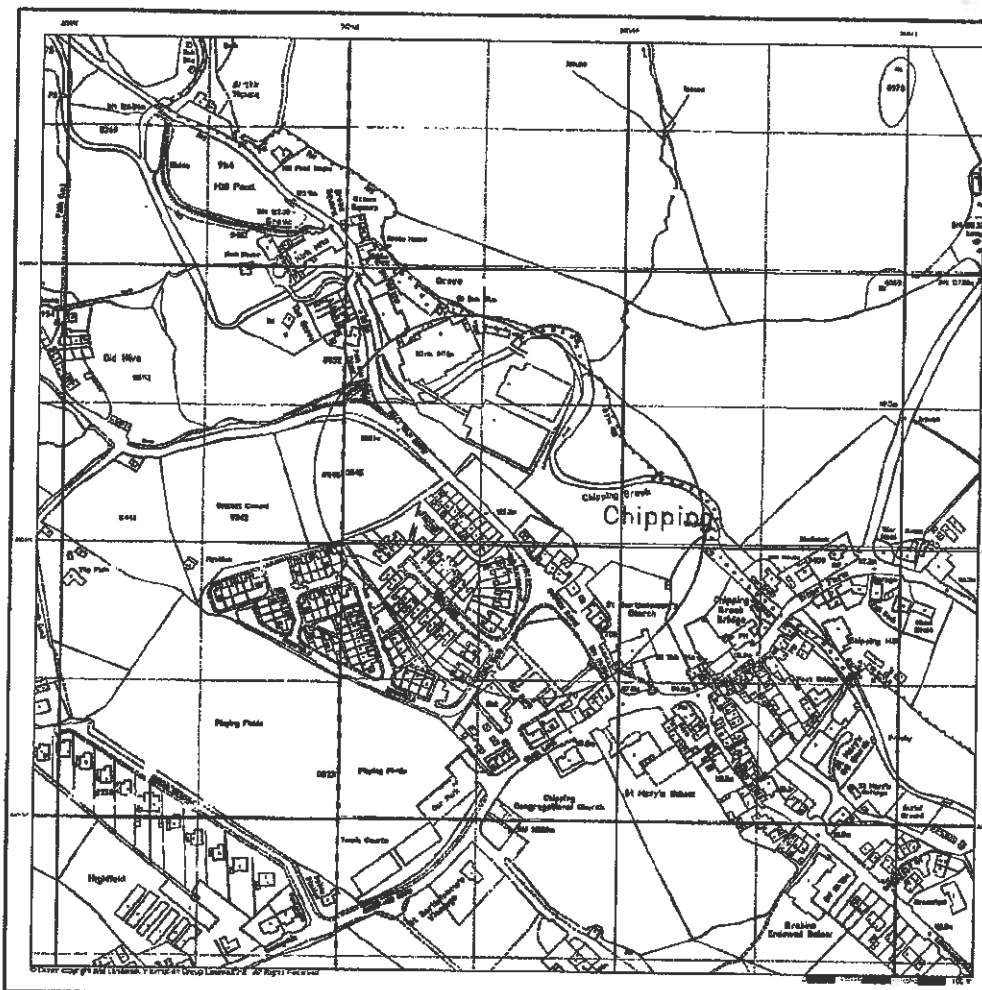


Order Details

Order Number: 30046275_1_1
 Customer Ref: 29192LG
 National Grid Reference: 52120, 443430
 Size: A
 Site Area (ha): 0.21
 Search Buffer (m): 100

Site Details

Church Walk, Chipping, PRESTON, PR3 2QL

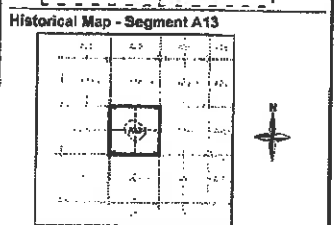
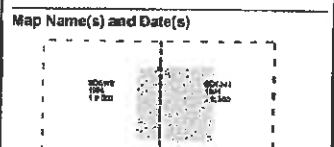


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**Large-Scale National Grid Data
Published 1994**

Source map scale - 1:2,500

Large Scale National Grid Data (original 1:25,000 scale Ordnance Survey's Survey of Independent on Microfilm) is 1992, and corrected to be precise with 1990. These maps were the first instance 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.

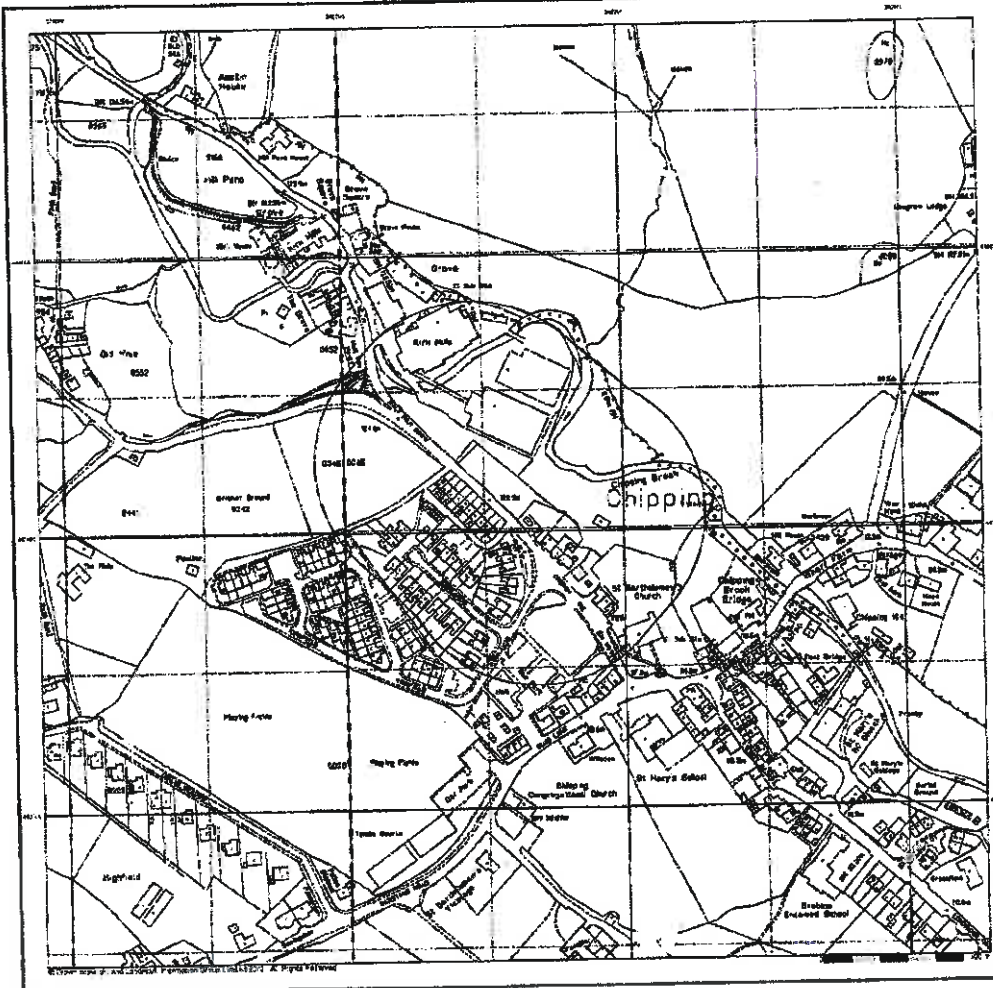


Order Details

Order Number: 38346273_1_1
 Customer Ref: 28192L.G
 National Grid Reference: 392120, 443430
 Size: A
 Site Area (Ha): 0.21
 Search Buffer (m): 100

Site Details

Church Rahe, Chipping, PRESTON, PR8 2QL



sutcliffe investigations

**Large-Scale National Grid Data
Published 1996**

Source map scale - 1:2,500

Large Scale National Grid Data represents 8 1/2 acres (Distance Survey) survey information on 1000ft (1:25,000) scale, and converted to the projected UTM 1998. These maps were the forerunners of digital mapping and as such do not contain information on houses and roads, but tend to show less specific features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)

30 048
10 021
17 510

30 048
10 021
17 510

Historical Map - Segment A13

Order Details

Order Number: 36344273_1_1
 Customer Ref: 28162L.G
 National Grid Reference: 562120.443430
 Sheet: A
 Site Area (Ha): 0.21
 Search Buffer (m): 100

Site Details

Church Rattle, Chipping, PRESTON, PR8 2DL

Landmark

Tel: 01494 644100 Fax: 01494 644101
 Web: www.landmark.co.uk

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Historical Mapping Legends

Ordnance Survey County Series 1:10,560

Gravel Pit, Sand Pit, Ocher Pit, Quarry, Slingle, Ochered, Ochers, Reeds, Marsh, Mazed Wood, Deadwood, Shrubwood, Fir, Furze, Rough Pasture

Arrow indicates flow of water, Site of Antiquities, Pump, Slide Post, Signal Post, Surface Level, Triangulation Station, Bench Mark, Well, Spring, Boundary Post

Staked Contour, Instrumental Contour, Main Roads, Minor Roads, Burden Road, Railed Road, Road over Railway, Railway over River, Railway over Road, Level Crossing, Road over River or Canal, Road over Stream, County Boundary (Geographical), County & Civil Parish Boundary, Administrative County & Civil Parish Boundary, County Borough Boundary (England), County Borough Boundary (Scotland), Rural District Boundary, Civil Parish Boundary

Ordnance Survey Plan 1:10,000

Clark Pit, City Pit or Quarry, Sand Pit, Refuse or Sog Heap, Dunes, Deserious Trees, Orchard, Block, Marsh, Building, Chimney, Staging Masonry, Gravel Pit, Deamed Pit or Quarry, Late, Loch or Pond, Boulders, Non-Conferrous Trees, Copples, Rough Grassland, Sellings, Pylon, Electrically Transmission Line, Pole, Railway, Embankment, Standard Gauge Multiple Track, Standard Gauge Single Track, Sidg, Tharway or Mixed Line, Narrow Gauge, Geographical County, Administrative County County Borough or County of City, Statutory Borough, Urban or Rural District, Town or District Council, Borough, Ward or County Constituency, Urban Sanitary and Sanitation, Civil Parish, Urban Sanitary and Sanitation

BR BR Beerery Post or Stone, Church, Old Walls, Fire Engine Station, Post Office, Post Office, Public Convenience, Public House, Signpost, Sewing, Telephone Call Box, Telephone Call Post, Well, Police Station, Public House, Public House, Signpost, Sewing, Telephone Call Box, Telephone Call Post, Well

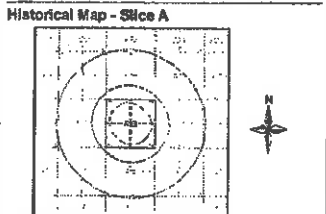
1:10,000 Raster Mapping

Gravel Pit, Rock, Boulders, Slingle, Sand, Slopes, General detail, Overhead detail, Multi-track railway, County boundary (England only), District, Unitary, Metropolitan, London Borough boundary, Area of wooded vegetation, Non-conferrous trees (scattered), Conferrous trees (scattered), Orchard, Rough grassland, Scrub, Water feature, Mean high water (spring), Telephone line (where shown), Bench mark (where shown), Point feature (e.g. Guide Post or Slide Post), Site of (antiquity), General Building, Refuse tip or slag heap, Rock (scattered), Boulders (scattered), Mud, Sand Pit, Top of cliff, Underground detail, Narrow gauge railway, Single track railway, Civil parish or community boundary, Constituency boundary, Non-conferrous trees, Conferrous trees, Positioned line, Copples or Cutters, Heath, Marsh, Salt Marsh or Reeds, Flow stream, Electricity Transmission line (with poles), Triangulation station, Pylon, Same track or lighting tower, Glasshouse, Important Building

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Historical Mapping & Photography included:

Map Name	Scale	Date	Pg
Lancashire And Furness	1:10,000	1999	2
Yorkshire	1:10,000	1999	3
Lancashire And Furness	1:10,000	1999	4
Yorkshire	1:10,000	1999	5
Lancashire And Furness	1:10,000	1993 - 1994	6
Lancashire And Furness	1:10,000	1995	7
Ordnance Survey Plan	1:10,000	1995	8
Ordnance Survey Plan	1:10,000	1997	9
Ordnance Survey Plan	1:10,000	1997	10
RAF Radar Station	1:10,000	1997	11
RAF Radar Station	1:10,000	1998	12
RAF Radar Station	1:10,000	1998	13
RAF Radar Station	1:10,000	1998	14
RAF Radar Station	1:10,000	1998	15

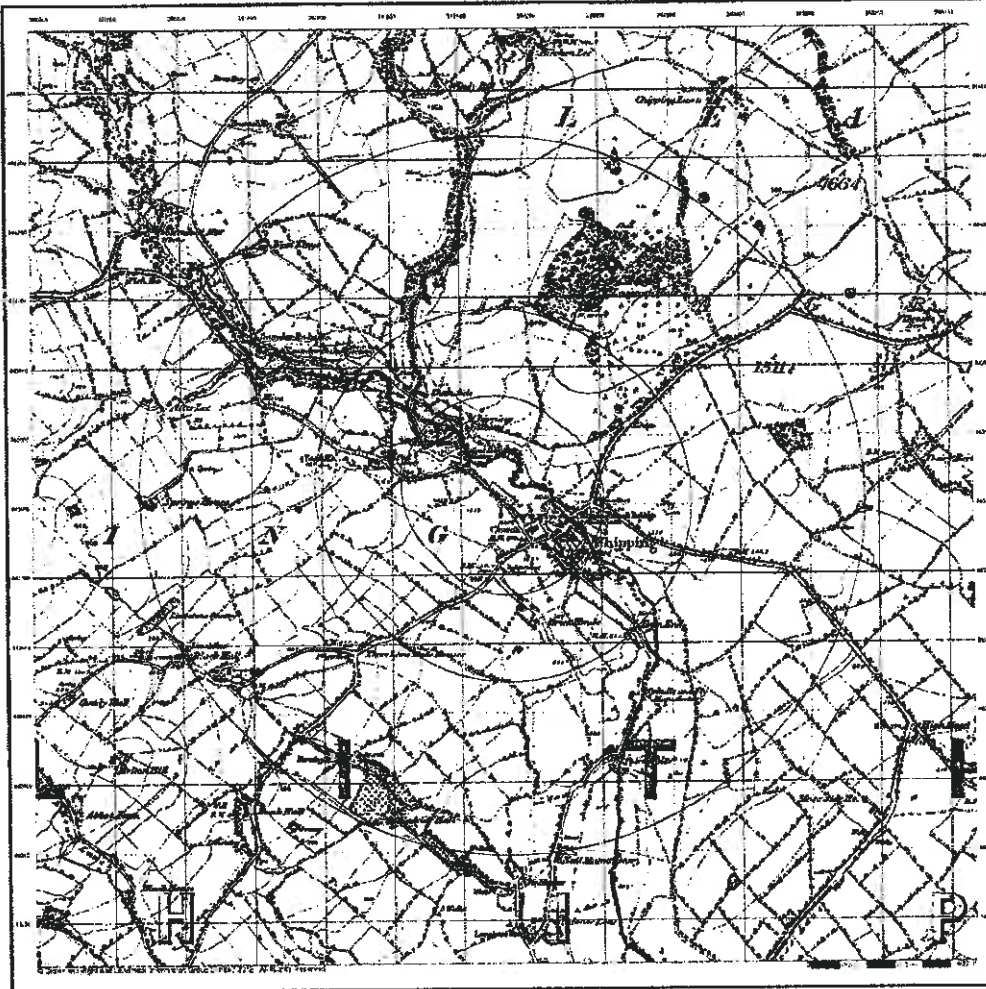


Order Details
 Order Number: 58546273_1_1
 Customer Ref: 20162.G
 National Grid Reference: 362120, 449430
 Slice: A
 Site Area (Ha): 0.21
 Search Buffer (m): 1000

Site Details
 Church Fabric, Chipping, PRESTON, PR3 2GL

Landmark
 Tel: 0244 448 882
 Fax: 0244 444 881
 Web: www.landmark.co.uk

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investigations**

**Lancashire And Furness
Published 1847**

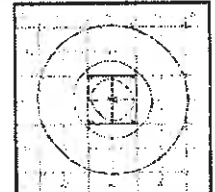
Source map scale - 1:10,560

The original maps from which this map was reproduced were generally held at the scale shown in England, Wales and Scotland in the 1840's. In 1824 the 1:10,560 scale was adopted for mapping urban areas. These maps were used as a basis for the 1:10,560 maps. The published date given here is often some years later than the surveyed date. Before 1826, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties. From 1826 a general map was made of every area. The 1:10,560 map was produced, which updated the 1:10,560 map from a number of sources. The maps were updated with data from military maps and other strategic maps received. These maps were initially overlaid with the National Grid. In 1875, the first 1:10,560 map was produced using the Transverse Mercator Projection. The original sources continued until recently, with new editions appearing every 15 years or so for a short time.

Map Name(s) and Date(s)



Historical Map - Slice A

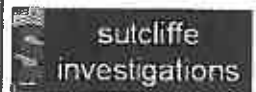
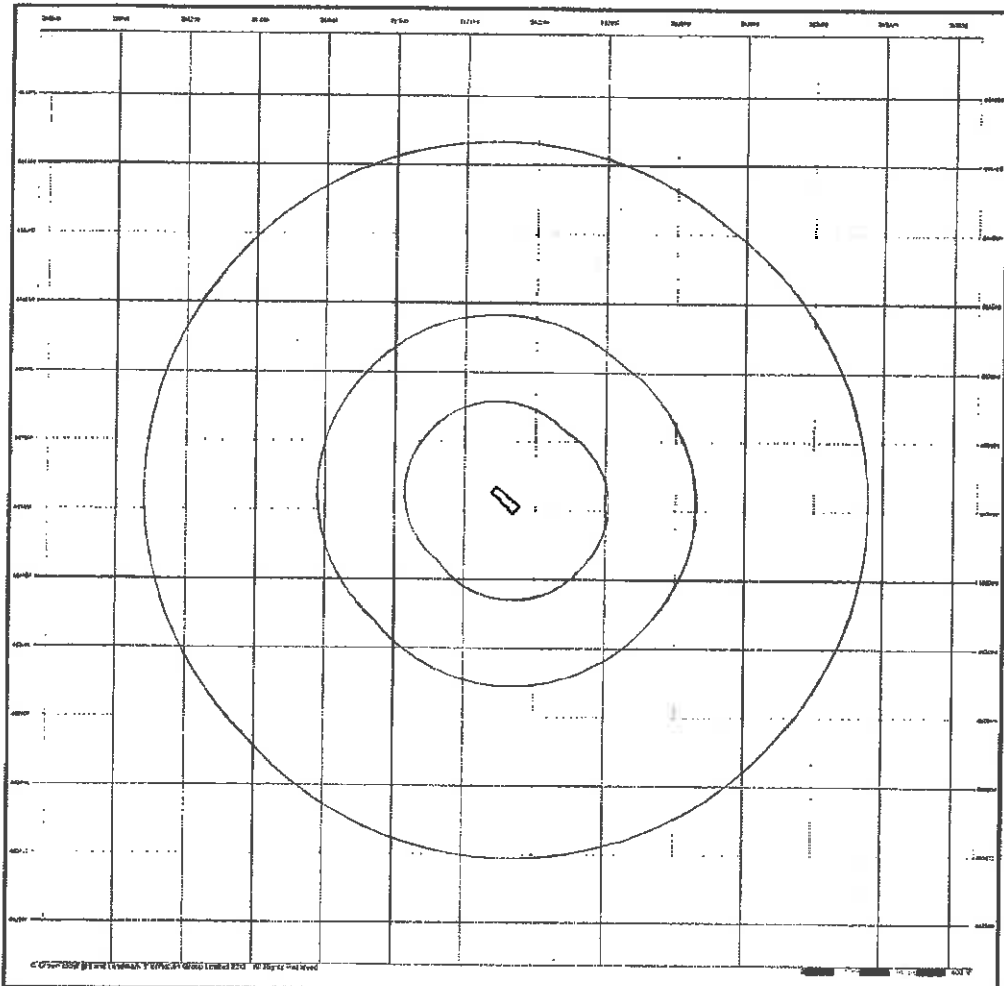


Order Details

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 Site Area (Ha): 0.21
 Search Buffer (m): 1000

Site Details

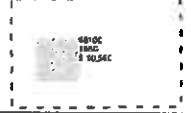
Church Barke, Chipping, PRESTON, PR3 2QL



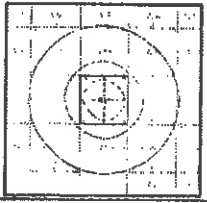
Yorkshire
Published 1850
Source map scale - 1:10,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1850 the 1:10,500 scale was adopted for mapping urban districts these maps were used to update the 1:10,000 maps. The published data gives locations to often only a few feet from the surveyal data. Before 1870, all OS maps were based on the Cassini Projection, with the second survey of the whole country or group of counties, giving rise to a general inaccuracy in mapping areas in the late 1840's, a Transverse Mercator was produced, which replaced the 1:10,000 mapping from a number of sources. This data shows unaltered with all military maps and other strategic maps prepared. These maps were initially incorporated with the Survey of Great Britain, the first 1:10,000 map was produced using the Transverse Mercator Projection. The national reference coordinate grid used today is 10 years or so for urban areas.

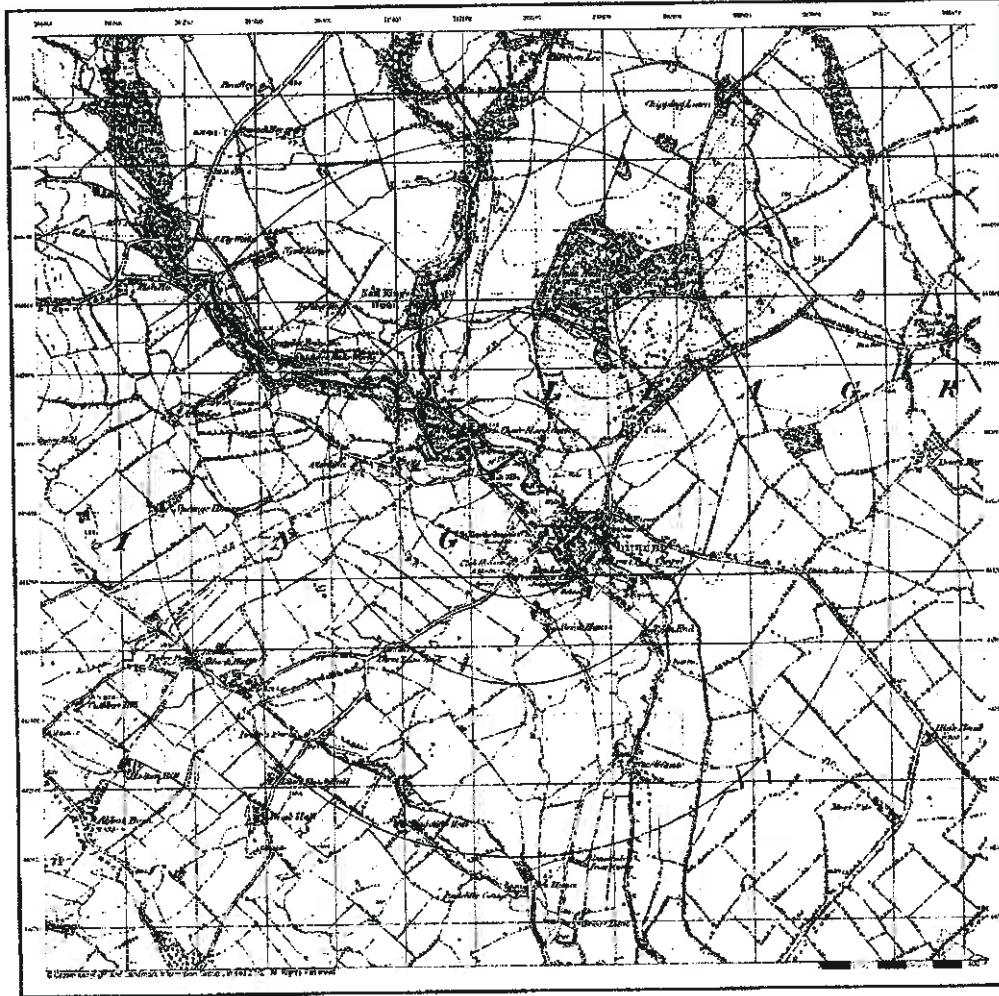
Map Name(s) and Date(s)



Historical Map - Slice A



Order Details
Order Number: 38345273_1_1
Customer Ref: 381525_0
National Grid Reference: 443430
Slice: A
Site Area (Ha): 0.21
Search Buffer (m): 1000
Site Details
 Church Walk, Chipping, PRESTON, PR3 2QL



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Investigations**

**Lancashire And Furness
Published 1895**

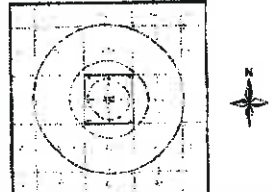
Source map scale - 1:10,560

The historical maps shown were reproduced from maps of the Ordnance Survey held at the scale adopted for England, Wales and Scotland in the 1840's. In 1954 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 1954, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to adjacent inaccuracies in adjoining areas. In the late 1940's, a Provisional Edition was produced which updated the 1:25,000 mappings from a number of sources. The maps shown in this map were heavily overprinted with the historical Grid in 1978. 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)



Historical Map - Slice A

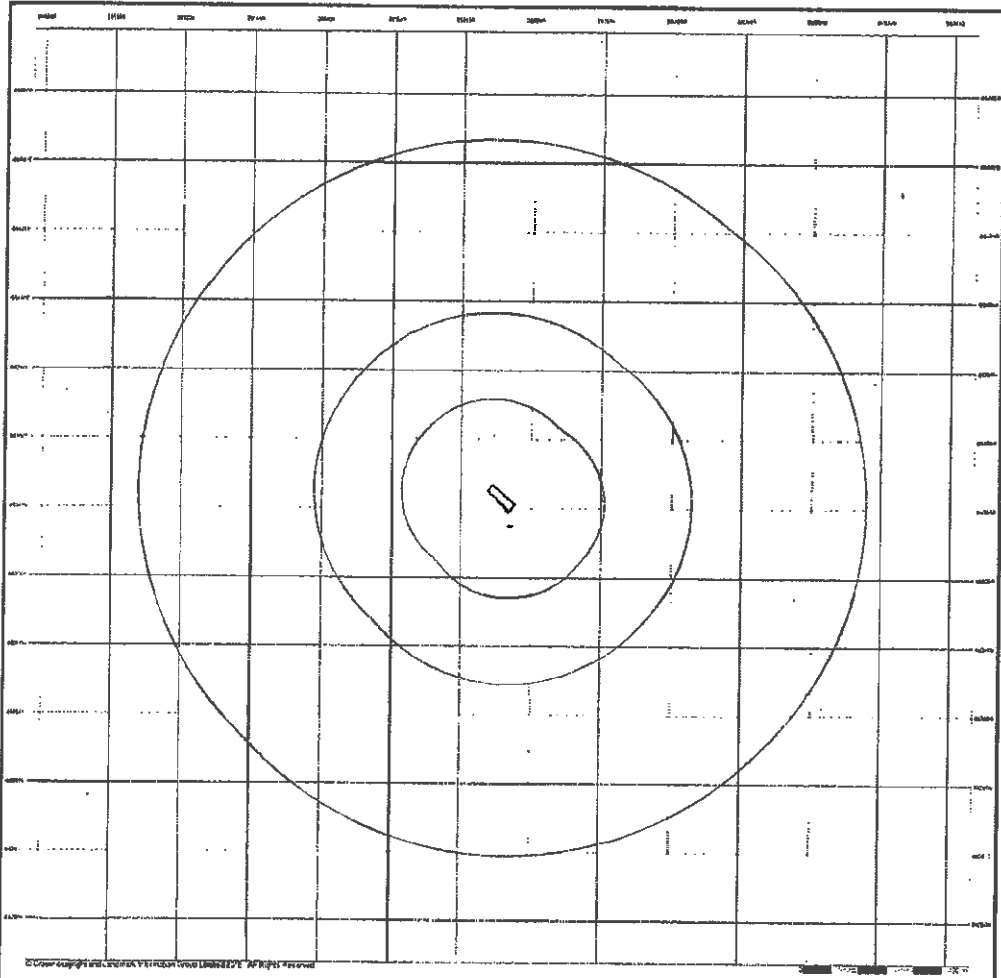


Order Details

Order Number: 38346273_1_1
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 Slice: A
 Site Area (Ha): 0.21
 Search Buffer (m): 1000

Site Details

Oran Raine, Crompton, PRESTON, PR3 2DL



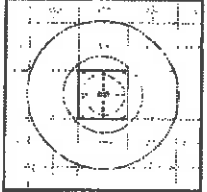
**Yorkshire
Published 1896
Source map scale - 1:10,560**

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 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 data given therefore is often some years later than the surveyed data. 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 joining areas. In the late 1840's, a 'Pepinier's Edition' was produced, which updated the 1:10,560 mapping from a number of sources. The maps cover urban areas with all military camps and other strategic sites removed. These maps were initially correlated with the National Grid. In 1976, the 1:10,560 maps were produced using the Transverse Mercator Projection. The revision process introduced unintentionally 40m north-south spacing every 10 years or so for urban areas.

Map Name(s) and Date(s)

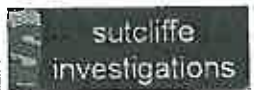
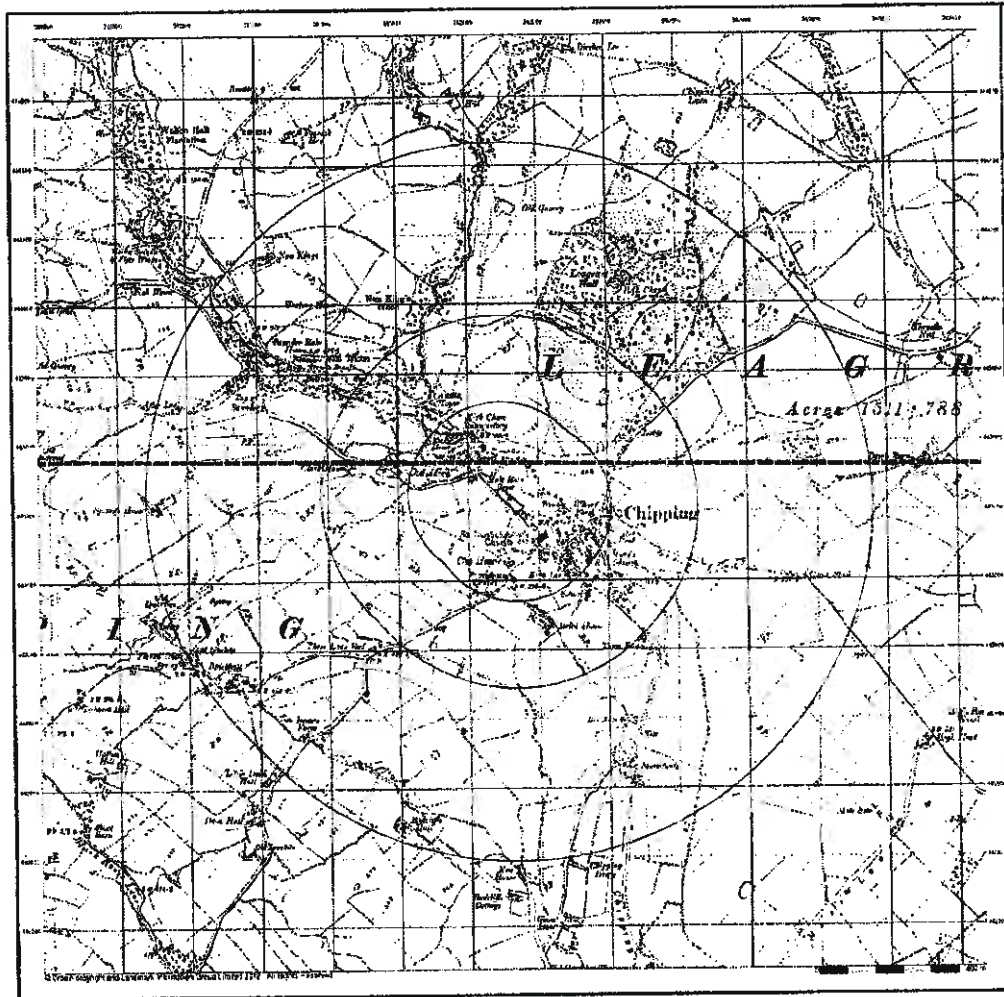


Historical Map - Slice A



Order Details
 Order Number: 38348278_5_1
 Customer Ref: 381428_G
 National Grid Reference: 443430
 Slice: A
 Slice Area (Ha): 0.21
 Search Buffer (m): 1000

Site Details
 Church Raib, Chipping, PRESTON, PR3 2QL



**Lancashire And Furness
Published 1813 - 1814**

Source map scale - 1:10,560

The historical source shown was introduced from the Ordnance Survey's hand at the scale stated for England, Wales and Scotland in the 1847's. In 1859 the 1:250K scale was adopted for mapping - this meant that maps were available up to the 1:10,560 scale. The published map prior to 1847 or after some years after the survey of 1847, before 1856, all OS maps were based on the Cassin Projection, with independent surveys of the whole country or groups of counties, prior to the publication of the maps. In the late 1840's a Photogrammetric Survey was produced which updated the 1:10,560 mapping from a number of sources. The next major update was in the late 1840's a Photogrammetric Survey was produced which updated the 1:10,560 mapping from a number of sources. The next major update was in the late 1840's a Photogrammetric Survey was produced which updated the 1:10,560 mapping from a number of sources. The next major update was in the late 1840's a Photogrammetric Survey was produced which updated the 1:10,560 mapping from a number of sources.

Map Name(s) and Date(s)

OS 1847	1:10,560
OS 1856	1:10,560

Historical Map - Slice A

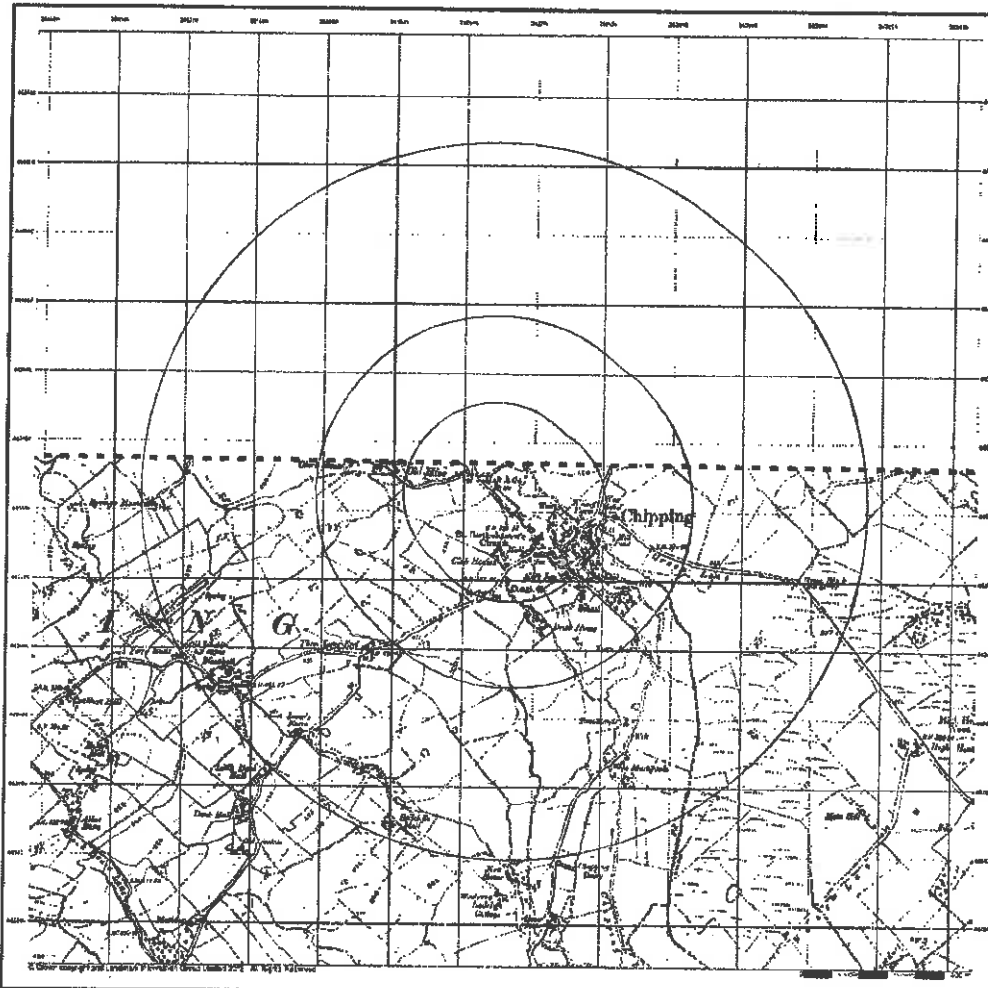


Order Details

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Site Details

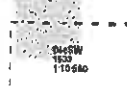
Church Rake, Chipping, PRESTON, PR3 2QL



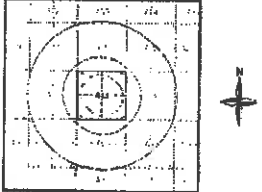
**Lancashire And Furness
Published 1833**

Source map scale - 1:10,560
 The historical map above was reproduced from an original predominantly laid at the scale adopted for England, Wales and Scotland in the 1840's. In 1868 the 1:2,500 scale was adopted for mapping urban areas, these maps were used to update the 1:10,560 maps. The published data given therefore in other years are later than the surveyed data. Before 1833, all Ordnance maps were based on the Cassini Projection, with occasional surveys of a single locality or areas of coastline, giving rise to significant distortions in spatial accuracy in areas of coastline, giving rise to significant distortions in spatial accuracy. In the late 1840's, a 'Polar Stereographic' projection was introduced, which yielded the 1:10,560 mapping from a number of sources. This map appears unaltered with all military names and other projects (like railroads). These maps were a fairly overprinted with the National Grid. In 1978, the first 1:10,560 maps were produced using the Transverse Mercator Projection. The features shown are mostly as they were, with new features appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



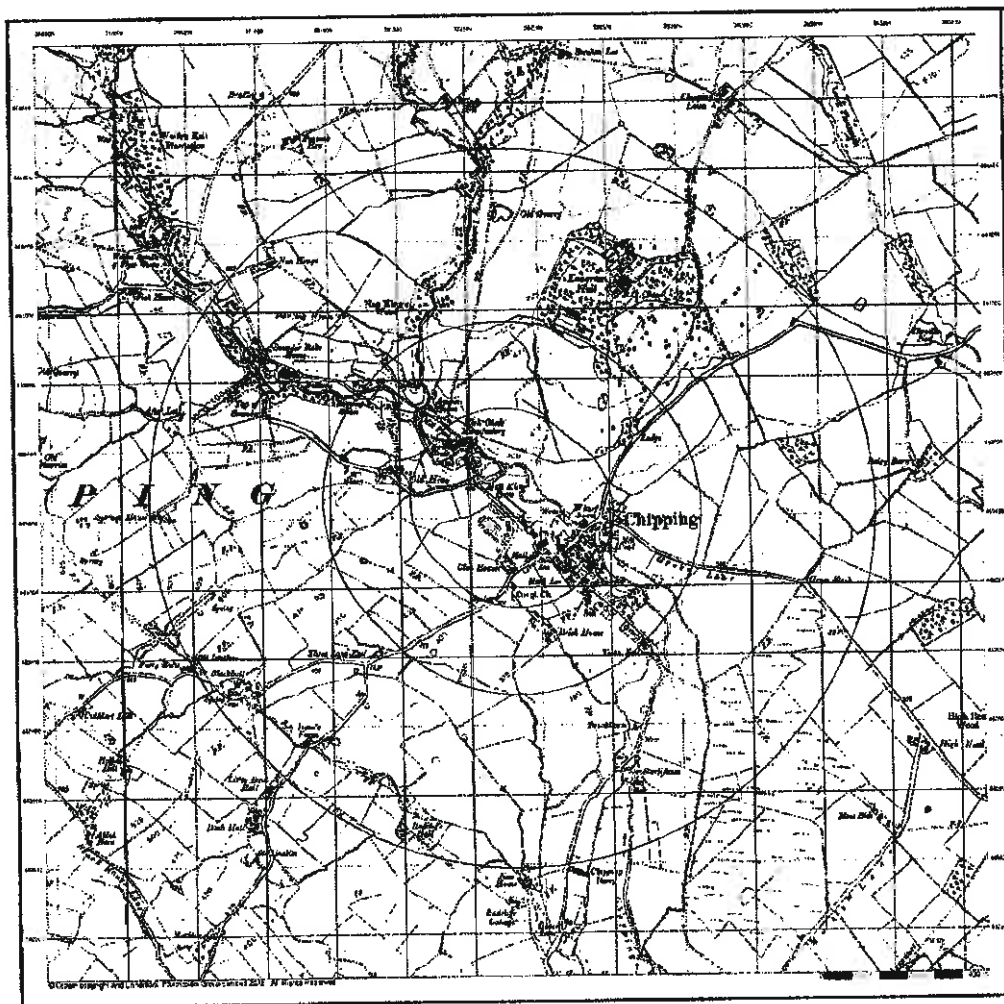
Historical Map - Slice A



Order Details
 Order Number: 38346279_1_1
 Customer Ref: 281921.C
 National Grid Reference: 382120, 448430
 Slice: A
 Site Area (Ha): 0.21
 Search Buffer (m): 1000

Site Details
 Church Parke, Chipping, PRESTON, PR3 2QL

Landmark Tel: 01483 844 000
 Fax: 01483 844 001
 Web: www.landmark.co.uk



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**Ordnance Survey Plan
Published 1956
Source map scale - 1:10,000**

The historical maps shown were reproduced from maps printed nearly half a century ago for England, Wales and Scotland in the 1840s to 1850s. The 1:25,000 scale was designed for mapping urban areas. These maps were used to produce the 1:10,000 maps. The published data gives details of other features later than the survey date. Before 1888, 67 OS maps were based on the Cassin's Projection, with irregular shapes of a single county or group of counties, giving rise to significant inaccuracies in cartographic work. In 1948, a 'National Grid' system was introduced which covered the 1:25,000 maps. A number of sources. The maps were updated with all railway routes and other features, to sites removed. These maps were of high accuracy with the National Grid. In 1970, the 1:10,000 maps were produced using the Transverse Mercator Projection. The revised process can produce maps, with new features appearing every 10 years or so for some areas.

Map Name(s) and Date(s)

OSNVR
10340

Historical Map - Slice A

Order Details

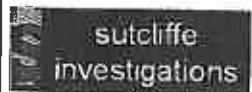
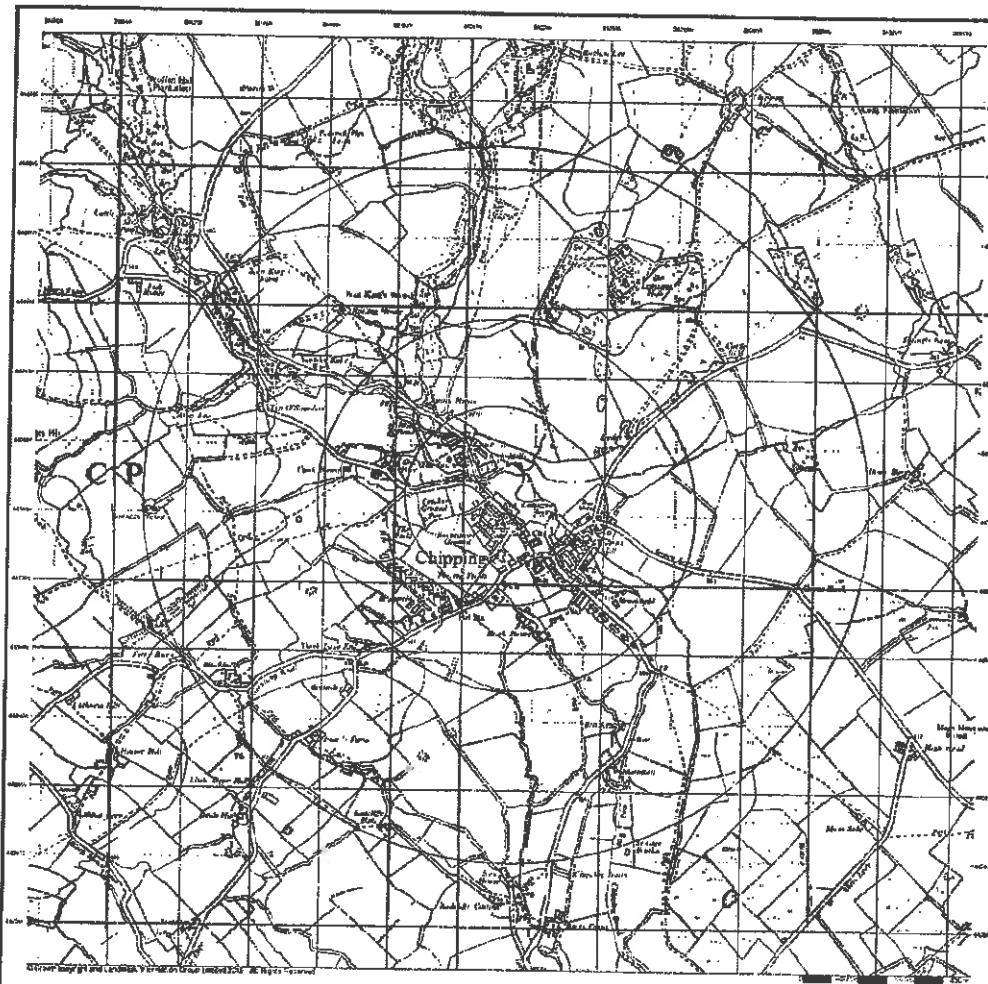
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Customer Ref:	28192LG
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Slice:	A
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Search Buffer (m):	1000

Site Details
Church Rake, Chipping, PRESTON, PR3 2QJ.

Landmark

01444 9992
01444 9991
www.landmark.co.uk

A Landmark Information Group Service 1470 03-Apr-2012 Page 1 of 13



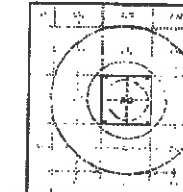
**Ordnance Survey Plan
Published 1971
Source map scale - 1:10,000**

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1940's. In 1954 the 1:25,000 scale was adopted for mapping urban centres. These maps were used to update the 1:10,000 maps. The published date given therefore is often some years later than the surveyed date. Before 1928, all OS maps were based on the Cassini Projection, with individual surveys of a single county or group of counties, giving rise to significant inaccuracies in adjoining areas. In the late 1940's, a Planisphere Spheroid was produced, which updated the 1:10,000 mapping from a number of sources. The maps appear distorted with all a large survey and other strategic map remains. These maps were finally amalgamated into the National Grid in 1971. The first 1:10,000 maps were produced using the Transverse Mercator Projection. The metric system continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



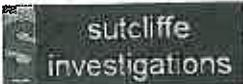
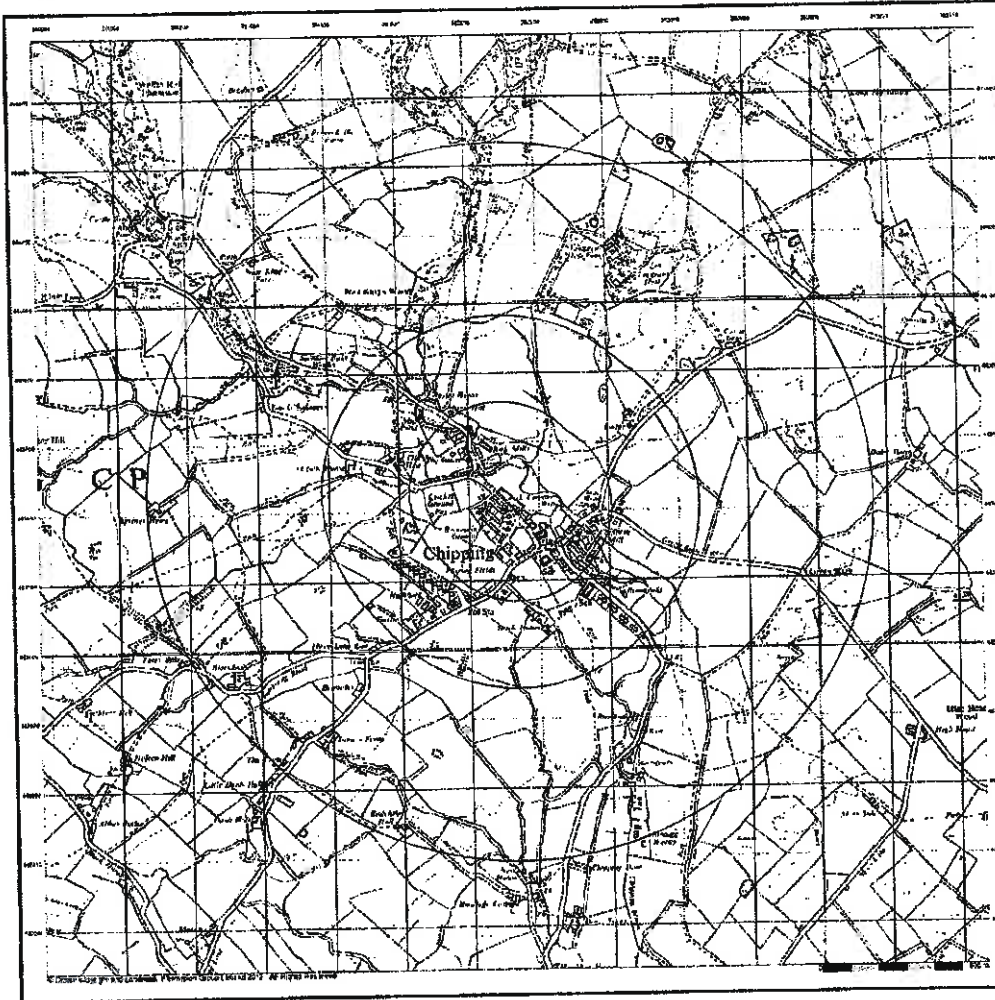
Historical Map - Slice A



Order Details
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 Customer Ref: 20192125
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Site Details
 Church Rude, Chipping, PRESTON, PR9 3DL





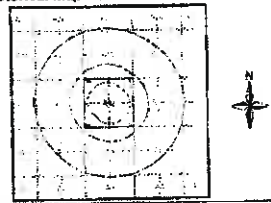
**Ordnance Survey Plan
Published 1987
Source map scale - 1:10,000**

The historical maps shown were reproduced from maps predominantly based on the scale adopted for England, Wales and Scotland in the 1840's. In 1889 the 1:250,000 scale was introduced for regional 'other areas'. These maps were used to underlie the 1:10,000 maps. The published source maps therefore often date from later than the surveyed data. Since 1938 all OS maps have been based on the Geoid as Projection. The 1:10,000 maps of a single county or group of counties, giving the 'new' projection, have been published in varying areas. In the late 1980's a 'Historical Edition' was produced which, under the 1:10,000 scale, shows a number of sources. The maps shown are published with a 'Historical Edition' which, under the 1:10,000 scale, shows the first 1:10,000 maps were produced using the Transverse Mercator Projection. The 'Historical Edition' is not necessarily, with new editions, published every 12 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A

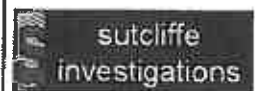
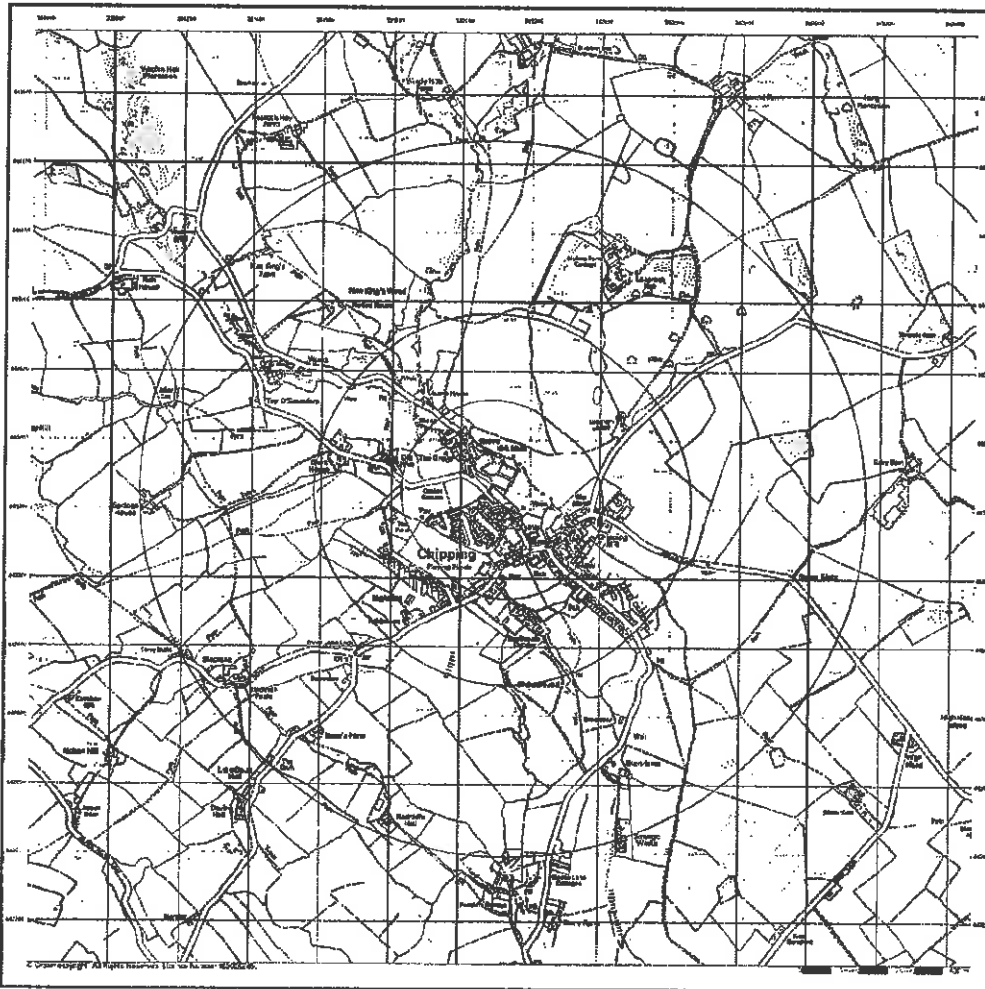


Order Details

Order Number: 38946273_1_1
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 Site Area (Ha): 0.21
 Search Buffer (m): 1000

Site Details

Church Walk, Chipmington, PRESTON, PR3 2QL



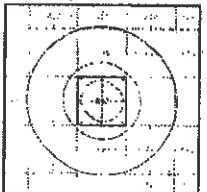
10k Raster Mapping
Published 2001
Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from a edition 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 includes ecclesiastical, unitary authority, district, civil parish and constituency.

Map Name(s) and Date(s)



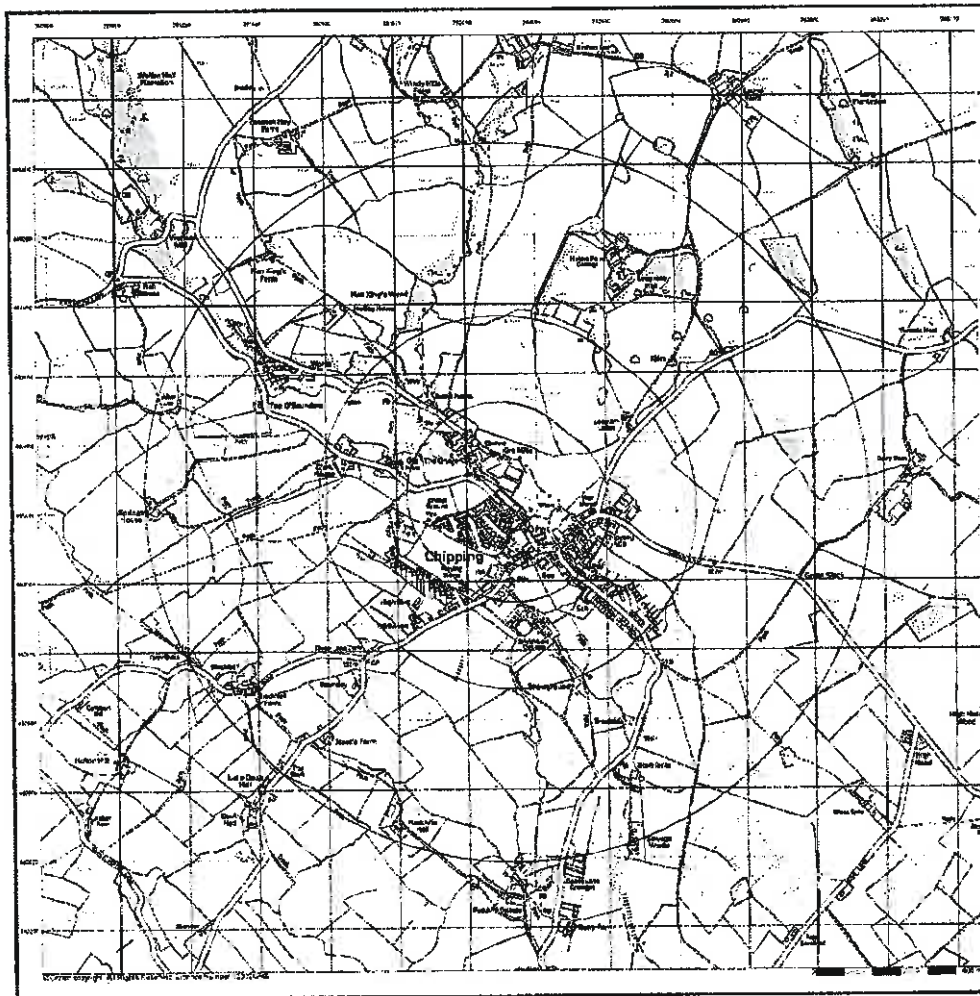
Historical Map - Slice A



Order Details
 Order Number: 36346273_1_1
 Customer Ref: 261621.G
 National Grid Reference: 262120, 445430
 Slice: A
 Site Area (Ha): 0.21
 Search Buffer (m): 1000

Site Details
 Church Rectory, Chipping, PRESTON, PR3 2OL





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investigations

10k Raster Mapping
Published 2006

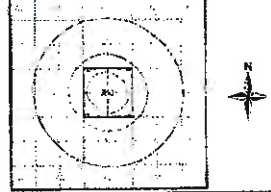
Source map scale - 1:10,000

The National maps shown were produced from the Ordnance Survey's 1:10,000 cover raster mapping. These maps are derived from Landform Aerial Photographs of 1:10,000 scale and are published at 1:10,000. The raster data set shows the built-up areas and field boundaries as well as all roads, tracks and paths. Road names are also included together with the site name, road number and street name. Site name information includes house number, street name, parish, civil parish and constituency.

Map Name(s) and Date(s)



Historical Map - Slice A

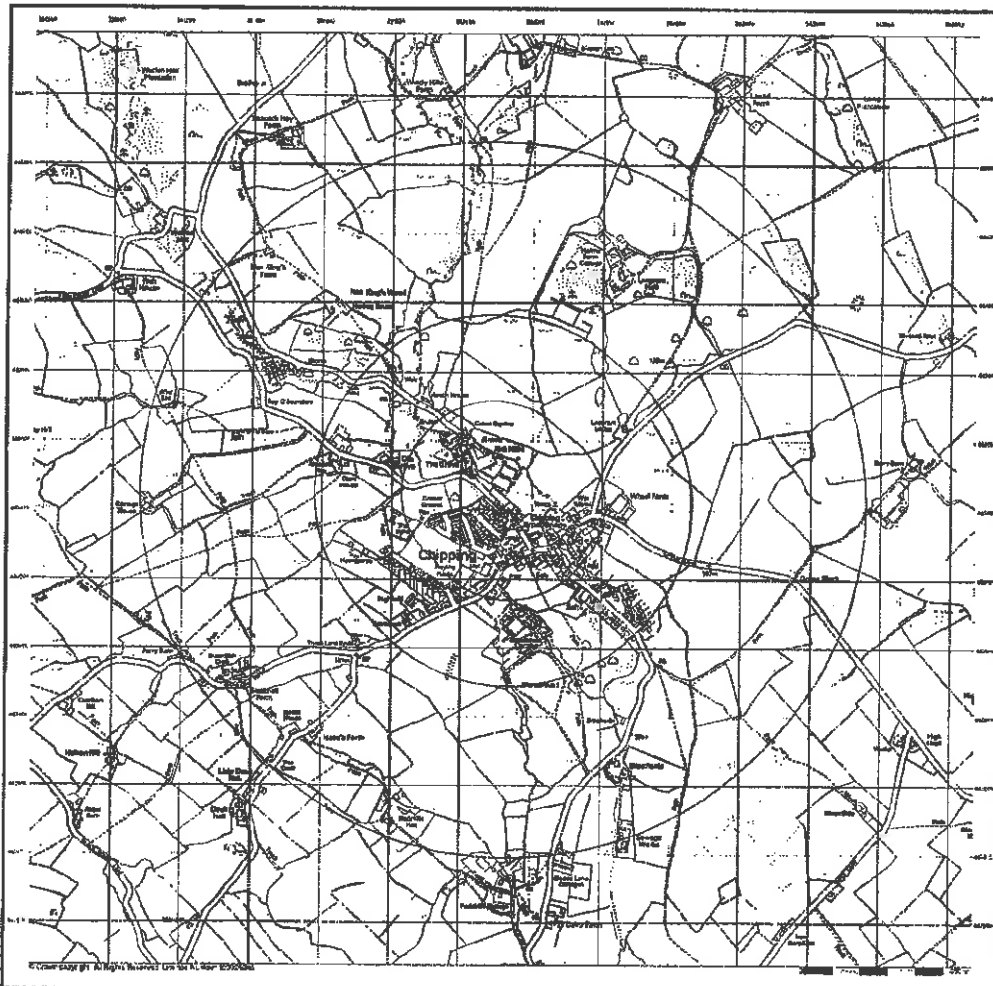


Order Details

Order Number: 58349278_1_1
Customer Ref: 20102LG
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Slice: A
Site Area (Ha): 0.21
Search Buffer (m): 1000

Site Details

Church Recte, Chipping, PRESTON, PR3 2QL



sutcliffe investigations

10k Raster Mapping
Published 2011
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 1976. 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 available includes county, unitary authority, district, and parish and civil parishes.

Map Name(s) and Date(s)

824 400
 2011
 1:10,000

Historical Map - Slice A

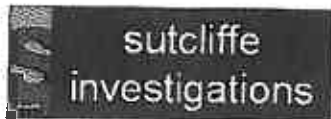
Order Details
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 Slice: A
 Site Area (Ha): 0.21
 Search Buffer (m): 1000

Site Details
 Church Fosse, Chipping, PRESTON, PR9 2QL

Landmark Est 1981
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APPENDIX D
ENVIROCHECK® REPORT



Envirocheck® Report: Datasheet

Order Details:

Order Number:
38346273_1_1

Customer Reference:
26192LG

National Grid Reference:
362120, 443430

Slice:
A

Site Area (Ha):
0.21

Search Buffer (m):
1000

Site Details:

Church Raiké
Chipping
PRESTON
PR3 2QL

Client Details:

MR W Baldwin
Sutcliffe Projects Ltd
18-20 Harrington Street
Liverpool
L2 9QA

Prepared For:

Liverpool Housing Trust (LHT)

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	8
Hazardous Substances	-
Geological	10
Industrial Land Use	12
Sensitive Land Use	13
Data Currency	14
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Useful Contacts	19

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.

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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		3		6
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 3		2		
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 3		Yes		
Pollution Incidents to Controlled Waters	pg 3		4	3	4
Prosecutions Relating to Authorised Processes					
Prosecutions Relating to Controlled Waters					
Registered Radioactive Substances					
River Quality	pg 5		1		
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 5		1		(*4)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 6	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 7	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 7	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 7		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 7		Yes	n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 8				2
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Recorded Landfill Sites					
Registered Landfill Sites	pg 8				2
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
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 Recorded Mineral Sites	pg 10				1
BGS 1:625,000 Solid Geology	pg 10	Yes	n/a	n/a	n/a
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 10	Yes		n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 10	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 10		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 10		Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 10	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 11	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 11	Yes		n/a	n/a
Radon Potential - Radon Affected Areas	pg 11	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 12		5	2	1
Fuel Station Entries	pg 12			1	1

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (up to 2000m)
Sensitive Land Use					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty	pg 13	1			
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents Operator: United Utilities Water Plc Property Type: Sewerage Network - Sewers - Water Company Location: North St Mary'S Church, Chipping, Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: C1rib0005 Permit Version: 2 Effective Date: 14th April 2009 Issued Date: 14th April 2009 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Chipping Brook Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	231	1	362360 443300
1	Discharge Consents Operator: United Utilities Water Plc Property Type: Sewerage Network - Sewers - Water Company Location: North St Mary'S Church, Chipping, Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: Q1R/BC005 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 13th April 2009 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Chipping Brook Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	231	1	362360 443300
2	Discharge Consents Operator: The Vicar Property Type: Domestic Property (Single) Location: St. Bartholomews Vicarage Garstang Road, Chipping, Preston, Lancashire, Pr3 2qh Authority: Environment Agency, North West Region Catchment Area: Loud Reference: 01361 Permit Version: 1 Effective Date: 30th December 1955 Issued Date: 30th December 1955 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Chipping Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A13SW (S)	232	1	362097 443161
3	Discharge Consents Operator: Wolstenholme & Joy Property Type: Sewage Disposal Works - Other Location: Wolstenholme And Joy, Chipping, Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 017090210 Permit Version: 1 Effective Date: 1st November 1994 Issued Date: Not Supplied Revocation Date: 1st November 1994 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Chipping Brook Status: Authorisation revoked/Revoked Positional Accuracy: Located by supplier to within 100m	A14SW (SE)	541	1	362600 443100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Wolstenholme & Joy Property Type: Sewage Disposal Works - Other Location: Wolstenholme And Joy, Chipping, Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 017190210 Permit Version: 1 Effective Date: 24th October 1986 Issued Date: Not Supplied Revocation Date: 1st July 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Chipping Brook Status: Authorisation revoked/Revoked Positional Accuracy: Located by supplier to within 100m	A14SW (SE)	541	1	362600 443100
4	Discharge Consents Operator: William Pye Ltd Property Type: Sewage Disposal Works - Other Location: William Pye Ltd Swo, Saunder Rake Mill, Chipping, Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 017290149 Permit Version: 1 Effective Date: 8th September 1987 Issued Date: Not Supplied Revocation Date: 1st April 1994 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Chipping Brook Status: Authorisation revoked/Revoked Positional Accuracy: Located by supplier to within 100m	A12NW (W)	724	1	361400 443700
5	Discharge Consents Operator: Pringle Construction Ltd Property Type: Domestic Property (Multiple) Location: Pringle Res Development Swo Longridge Road, Chipping, Longridge, Preston, Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 017190270 Permit Version: 1 Effective Date: Not Supplied Issued Date: Not Supplied Revocation Date: 1st November 1994 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Chipping Brook Status: Authorisation revoked/Revoked Positional Accuracy: Located by supplier to within 100m	A18NE (N)	908	1	362400 444320
6	Discharge Consents Operator: Mrs Liz Hardman Property Type: Domestic Property (Multiple) Location: Black Hall Farm Barns, Chipping, Nr Preston, Pr3 2qj Authority: Environment Agency, North West Region Catchment Area: Loud Reference: 017190801 Permit Version: 1 Effective Date: 2nd July 2004 Issued Date: 8th July 2004 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Chipping 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	A7NW (SW)	922	1	361340 442900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>Discharge Consents</p> <p>Operator: M A Stringer, R Lowe & M Lowe Property Type: Domestic Property (Multiple) Location: Groomsman's Cottage/Black Hall Garstang Road, Blackhall, Chipping, Lancashire, PR3 2qj Authority: Environment Agency, North West Region Catchment Area: Loud Reference: 017190940 Permit Version: 1 Effective Date: 6th March 2007 Issued Date: 6th March 2007 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Chipping 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>	A7NW (S??)	955	1	361303 442900
7	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: H J Berry & Sons Ltd Location: Kirk Mills, Chipping, PRESTON, Lancashire, PR3 2RA Authority: Ribble Valley Borough Council, Environmental Health Department Permit Reference: Rvbc/Ppc/15/05 Dated: 28th June 1994 Process Type: Local Authority Pollution Prevention and Control Description: PG6/33 Wood coating Status: Permitted Positional Accuracy: Automatically positioned to the address</p>	A13NW (N)	87	2	362069 443550
7	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: H J Berry & Sons Ltd Location: Kirk Mills, Chipping, PRESTON, Lancashire, PR3 2RA Authority: Ribble Valley Borough Council, Environmental Health Department Permit Reference: Rvbc/Ppc/14/04 Dated: 22nd June 1994 Process Type: Local Authority Pollution Prevention and Control Description: PG6/2 Manufacture of timber and wood-based products Status: Permitted Positional Accuracy: Automatically positioned to the address</p>	A13NW (N)	87	2	362069 443550
	<p>Nearest Surface Water Feature</p>	A13NE (NE)	23	-	362145 443454
8	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Private Sewage (Non-PLC): Water Distribution System Location: Discharge At Chipping By Nww Authority: Environment Agency, North West Region Pollutant: Raw Water Note: Not Supplied Incident Date: 23rd April 1998 Incident Reference: CE980355 Catchment Area: Ribble - Non-Tidal Receiving Water: Freshwater Stream/River Cause of Incident: inadequate Design/Capacity Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A13NE (NE)	95	1	362205 443495
8	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Lancashire Authority: Environment Agency, North West Region Pollutant: Not Given Note: Chipping Brook Incident Date: 4th May 1991 Incident Reference: 91340039 Catchment Area: Hodder Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A13NE (NE)	95	1	362200 443500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Domestic & Residential: Private Dwellings Location: Main Street by The Talbot Hotel, Lancashire Authority: Environment Agency, North West Region Pollutant: Organic Chemicals : Fuel Oils (domestic) Note: Not Supplied Incident Date: 8th July 1999 Incident Reference: 29864 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Structural Failure : Steel Tank / Vessel / Drum - Above Ground Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A13SE (SE)	181	1	362300 443300
10	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Lancashire Authority: Environment Agency, North West Region Pollutant: Unknown Note: Chipping Brook; No Pollution Found Incident Date: 28th April 1998 Incident Reference: 96340033 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</p>	A13NW (W)	186	1	361900 443500
11	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Manufacturing: Wood Products / Timber Treatment Location: Chainworks, Chipping Authority: Environment Agency, North West Region Pollutant: Organic Chemicals : Hydraulic Oils / Fluids Note: Not Supplied Incident Date: 14th January 1999 Incident Reference: 1809 Catchment Area: Hodder Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Approximate location provided by supplier</p>	A13NW (NW)	252	1	362000 443700
12	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Other Oil Note: Chipping Brook; Oil/Wood Chips Incident Date: 18th January 1991 Incident Reference: 91340008 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</p>	A14SW (SE)	403	1	362500 443200
13	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Domestic/Residential Location: Tributary Of River Loud At , CHIPPING Authority: Environment Agency, North West Region Pollutant: Oils - Kerosene Fuel Oil Note: Oil; Tributary River Loud; Oil Incident Date: 2nd December 1997 Incident Reference: 97340111 Catchment Area: Hodder Receiving Water: Freshwater Stream/River Cause of Incident: Vandallism Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m</p>	A8NE (SE)	422	1	362300 443000
14	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Water Company Sewage: Foul Sewer Location: Sewer To Chipping Brook Authority: Environment Agency, North West Region Pollutant: Surcharged Sewage Note: Not Supplied Incident Date: 8th January 1997 Incident Reference: CE980009 Catchment Area: Hodder Receiving Water: Freshwater Stream/River Cause of Incident: Blocked Sewer Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	516	1	361700 443800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: No Premises Identified Location: Ryan, Isaacs Farm House, Chipping Authority: Environment Agency, North West Region Pollutant: Organic Chemicals : Fuel Oils (domestic) Note: Not Supplied Incident Date: 28th January 1999 Incident Reference: 1788 Catchment Area: Hodder Receiving Water: Not Given Cause of Incident: Other Cause Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A7NE (SW)	868	1	361500 442800
16	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Water Company Sewage: Sewage Treatment Works Location: Chipping Waste Water Treatment Works , CHIPPING Authority: Environment Agency, North West Region Pollutant: Other Sewage Note: Tributary Of River Lard; Sewage Incident Date: 4th February 1997 Incident Reference: 97340009 Catchment Area: Hodder Receiving Water: Freshwater Stream/River Cause of Incident: Poor/Inadequate Maintenance Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m</p>	A9SW (SE)	869	1	362500 442600
17	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Domestic & Residential: Private Dwellings Location: Isaacs Farm House Authority: Environment Agency, North West Region Pollutant: Organic Chemicals : Fuel Oils (domestic) Note: Not Supplied Incident Date: 6th March 1999 Incident Reference: 1835 Catchment Area: Chipping Brook Receiving Water: River Stretch (Freshwater) Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m</p>	A7NW (SW)	941	1	361400 442800
	<p>River Quality</p> <p>Name: Chipping Bk GQA Grade: River Quality A Reach: Qs! Dobsons Bk To Loud Estimated Distance (km): 2.8 Flow Rate: Flow less than 0.62 cumecs Flow Type: River Year: 2000</p>	A13NE (NE)	59	1	362179 443489
18	<p>Water Abstractions</p> <p>Operator: H J Berry & Sons Ltd Licence Number: 2671317010 Permit Version: Not Supplied Location: Chipping, PRESTON, Lancashire Authority: Environment Agency, North West Region Abstraction: Private Water Supply (Pisciculture) Abstraction Type: Not Supplied Source: Unknown Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Chipping Brook Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A13SW (SW)	22	1	362100 443400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Mr R Wallbank & Mrs E E Wallbank Licence Number: 2671317007 Permit Version: 100 Location: Spring At Blackhall, Chipping. Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 5 Yearly Rate (m3): 1136 Details: Land At Ferrybutts, Chipping. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th October 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A8NE (SW)	1078	1	361100 443000
	Water Abstractions Operator: Mr&Mrs Cr&SJ Sutton Licence Number: 2671317012 Permit Version: 101 Location: Tributary Of Chipping Brook,Chipping Authority: Environment Agency, North West Region Abstraction: Amenity: Lake And Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 240 Yearly Rate (m3): 87600 Details: Land At Wolfen Mill,Chipping Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 15th January 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A21SE (NW)	1501	1	361000 444495
	Water Abstractions Operator: Mr M Lawson Licence Number: 2671317012 Permit Version: 102 Location: Tributary Of Chipping Brook,Chipping Authority: Environment Agency, North West Region Abstraction: Amenity: Lake And Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Wolfen Mill,Chipping Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 18th February 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A21SE (NW)	1504	1	361000 444500
	Water Abstractions Operator: Mr Eric Palethorpe Licence Number: 2671317013 Permit Version: Not Supplied Location: Wolfen Mill, CHIPPING, Lancashire, PR3 2GR Authority: Environment Agency, North West Region Abstraction: Not Supplied Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Tributary Of Chipping Brook; Type: Impounding; Status: Current 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	A21SE (NW)	1504	1	361000 444500
	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	A13NW (SE)	0	1	362118 443428
	Drift Deposits None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NW (SE)	0	3	362118 443428
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	A13NW (SE)	0	3	362118 443428
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (NE)	15	1	362146 443441
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (NE)	15	1	362146 443446
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	Historical Landfill Sites Licence Holder: W Ellison Location: Off Garstang Road, Chipping, Lancashire Name: Black Hall Farm Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD06884 First Input Date: 31st December 1982 Last Input Date: 28th April 1994 Specified Waste Type: Deposited Waste included Inert Waste EA Waste Ref: Not Supplied Regis Ref: Not Supplied WRC Ref: 2300/0165 BGS Ref: Not Supplied Other Ref: L1/03/213, WD100/213, K1/03/011, Licences 163 and 337, L1/03/410	A12SW (W)	854	1	381269 443180
20	Historical Landfill Sites Licence Holder: W Ellison Location: Off Garstang Road, Chipping, Lancashire Name: Black Hall Farm Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD07520 First Input Date: 31st December 1982 Last Input Date: 28th April 1994 Specified Waste Type: Deposited Waste included Inert Waste EA Waste Ref: Not Supplied Regis Ref: Not Supplied WRC Ref: 2300/0165 BGS Ref: Not Supplied Other Ref: K1/03/011, L1/03/410, 337	A12SW (W)	854	1	381269 443180
	Local Authority Landfill Coverage Name: Ribbles Valley Borough Council - Had landfill data but passed it to the relevant environment agency		0	2	382118 443428
	Local Authority Landfill Coverage Name: Lancashire County Council - Had landfill data but passed it to the relevant environment agency		0	5	382118 443428
21	Registered Landfill Sites Licence Holder: W Ellison Licence Reference: L 163 Site Location: Black Hall Farm, Garstang Road, Chipping, Preston, Lancashire Licence Easting: 361200 Licence Northing: 443100 Operator Location: Colts Coates Farm, Collinshill Lane, CHIPPING, Lancashire, PR3 2WQ 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: Licence lapsed/cancelled/defunct/not applicable/surrendered/Cancelled Dated: 7th July 1982 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Constr/N/Demol. Inert/Non-Haz/Non-Tox Environment Agency Waste N.O.S must give specific authorisation for this waste to be accepted/Waste requires prior approval	A12SW (W)	947	1	381200 443100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	<p>Registered Landfill Sites</p> <p>Licence Holder: W Ellison Licence Reference: L 337 Site Location: Blackhall Farm, Garstang Road, Chipping, Preston, Lancashire Licence Easting: 361150 Licence Northing: 443100 Operator Location: Coltes Coates Farm, Collins Hill Lane, CHIPPING, Lancashire, PR3 2WQ Authority: Environment Agency - North West Region, Central Area Site Category: Landfill Max input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st January 1991 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Concrete, Brick Glass, Slate, Ceramic Max.Waste Permitted By Licence Soil, Clay, Nat'L, Rock Prohibited Waste: Clinical Wastes</p>	A12SW (W)	994	1	361150 443100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	BGS Recorded Mineral Sites Site Name: Leagram Hall Location: Chipping, Longridge, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 92493 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Park Style Limestone Member Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A18NW (N)	813	3	362108 444279
	BGS 1:625,000 Solid Geology Description: Tournaisian and Visean (Carboniferous Limestone Series)	A13NW (SE)	0	3	362118 443428
	Coal Mining Affected Areas In an area which may not be affected by coal mining				
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13NW (SE)	0	3	362118 443428
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (SE)	0	3	362118 443428
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	11	3	362144 443437
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (SE)	0	3	362118 443428
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	11	3	362144 443437
	Potential for Compressible Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	85	3	362221 443477
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	2	3	362153 443403
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	17	3	362172 443423
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	85	3	362222 443474
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (SE)	0	3	362118 443428
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	11	3	362144 443437
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	67	3	362116 443533
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	69	3	362206 443463
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	74	3	362231 443397
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	101	3	361927 443564

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	A13NW (SE)	0	3	362118 443428
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	11	3	362144 443437
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (SE)	0	3	362118 443428
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	85	3	362222 443474
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	182	3	362101 443649
	Radon Potential - Radon Affected Areas Affected Area: The property is in a radon affected area, as between 1 and 3% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A13NW (SE)	0	3	362118 443428
	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	A13NW (SE)	0	3	362118 443428

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	Contemporary Trade Directory Entries Name: H J Berry & Son Ltd Location: Kirk Mills, Chipping, Preston, PR3 2RA Classification: Furniture Manufacturers - Home & Office Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (N)	87	-	362069 443550
23	Contemporary Trade Directory Entries Name: H J Berry & Sons Ltd Location: Kirk Mills, Chipping, PRESTON, PR3 2RA Classification: Furniture Manufacturers - Home & Office Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (N)	87	-	362069 443550
23	Contemporary Trade Directory Entries Name: H J Berry & Sons Ltd Location: Kirk Mills, Chipping, Preston, Lancashire, PR3 2RA Classification: Furniture Manufacturers - Home & Office Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (N)	87	-	362069 443550
23	Contemporary Trade Directory Entries Name: H J Berry & Sons Ltd Location: Kirk Mills, Chipping, Preston, PR3 2RA Classification: Furniture Manufacturers - Home & Office Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (N)	87	-	362069 443550
24	Contemporary Trade Directory Entries Name: Chipping Garage Location: Talbot Street, Chipping, Preston, PR3 2QE Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (E)	230	-	362364 443367
25	Contemporary Trade Directory Entries Name: First Call Fire Protection Services Location: The Field, Old Hive, Chipping, Preston, PR3 2QQ Classification: Firefighting Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (W)	282	-	361808 443375
26	Contemporary Trade Directory Entries Name: Preston'S Of Chipping Ltd Location: 34, Longridge Road, Chipping, Preston, PR3 2QD Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	477	-	362472 443049
27	Contemporary Trade Directory Entries Name: Proctors Cheeses Ltd Location: The Cheese Warehouse, Saunders Raikes, Chipping, Preston, Lancashire, PR3 2QR Classification: Cheese Makers & Suppliers Status: Active Positional Accuracy: Manually positioned within the geographical locality	A17SW (NW)	815	-	361393 443890
28	Fuel Station Entries Name: Chipping Garage Location: Talbot Street, Chipping, PRESTON, Lancashire, PR3 2QE Brand: OBSOLETE Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Approximate location provided by supplier	A14SW (E)	363	-	362512 443333
29	Fuel Station Entries Name: Dean Garage Location: Longbridge Road, Broughton, PRESTON, Lancashire, PR2 Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Manually positioned to the road within the address or location	A9NW (SE)	564	-	362528 442982

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	Areas of Outstanding Natural Beauty Name: Forest Of Bowland Multiple Areas: Y Total Area (m2): 806733322.62 Designation Date: 29th February 1964 Source: Natural England	A13NW (SE)	0	4	382118 443428













Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Preston City Council - Environmental Health Department Ribble Valley Borough Council - Environmental Health Department Wyre Borough Council - Environmental Health Department	April 2012 March 2012 September 2011	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - North West Region	January 2012	Quarterly
Enforcement and Prohibition Notices Environment Agency - North West Region	January 2012	Quarterly
Integrated Pollution Controls Environment Agency - North West Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - North West Region	January 2012	Quarterly
Local Authority Integrated Pollution Prevention And Control Wyre Borough Council - Environmental Health Department Ribble Valley Borough Council - Environmental Health Department Preston City Council - Environmental Health Department	November 2010 November 2011 September 2011	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Controls Wyre Borough Council - Environmental Health Department Ribble Valley Borough Council - Environmental Health Department Preston City Council - Environmental Health Department	November 2010 November 2011 September 2011	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Wyre Borough Council - Environmental Health Department Ribble Valley Borough Council - Environmental Health Department Preston City Council - Environmental Health Department	November 2010 November 2011 September 2011	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	September 2011	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	January 2012	Monthly
Prosecutions Relating to Controlled Waters Environment Agency - North West Region	January 2012	Monthly
Registered Radioactive Substances Environment Agency - North West Region	January 2012	Quarterly
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	January 2011	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	January 2011	Annually
Substantiated Pollution Incident Register Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area	January 2012 January 2012	Quarterly Quarterly
Water Abstractions Environment Agency - North West Region	January 2012	Quarterly
Water Industry Act Referrals Environment Agency - North West Region	January 2012	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	January 2011	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable

Agency & Hydrological	Version	Update Cycle
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	September 2011	Annually
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	September 2011	Annually
Source Protection Zones Environment Agency - Head Office	December 2011	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2012	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2012	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2012	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	February 2012	Quarterly
Flood Defences Environment Agency - Head Office	February 2012	Quarterly
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	January 2012 January 2012	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	January 2012 January 2012	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area	October 2011 October 2011	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 Wyre Borough Council - Environmental Health Department	May 2000 May 2000 May 2000 May 2000	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	May 2000 May 2000 May 2000 May 2000	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	December 2011	Bi-Annually
Explosive Sites Health and Safety Executive	December 2011	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 Preston City Council Lancashire County Council Wyre Borough Council - Planning Department	June 2011 November 2011 October 2011 September 2011	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Planning Hazardous Substance Consents Ribble Valley Borough Council Preston City Council Lancashire County Council Wyre Borough Council - Planning Department	June 2011 November 2011 October 2011 September 2011	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Geological	Version	Update Cycle
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	October 2011	Bi-Annually
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	August 1996	Not Applicable
Brine Compensation Area Cheshire Brine Subsidence Compensation Board	November 2002	Not Applicable
Coal Mining Affected Areas The Coal Authority - Mining Report Service	August 2011	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	February 2011	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	February 2011	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	As notified

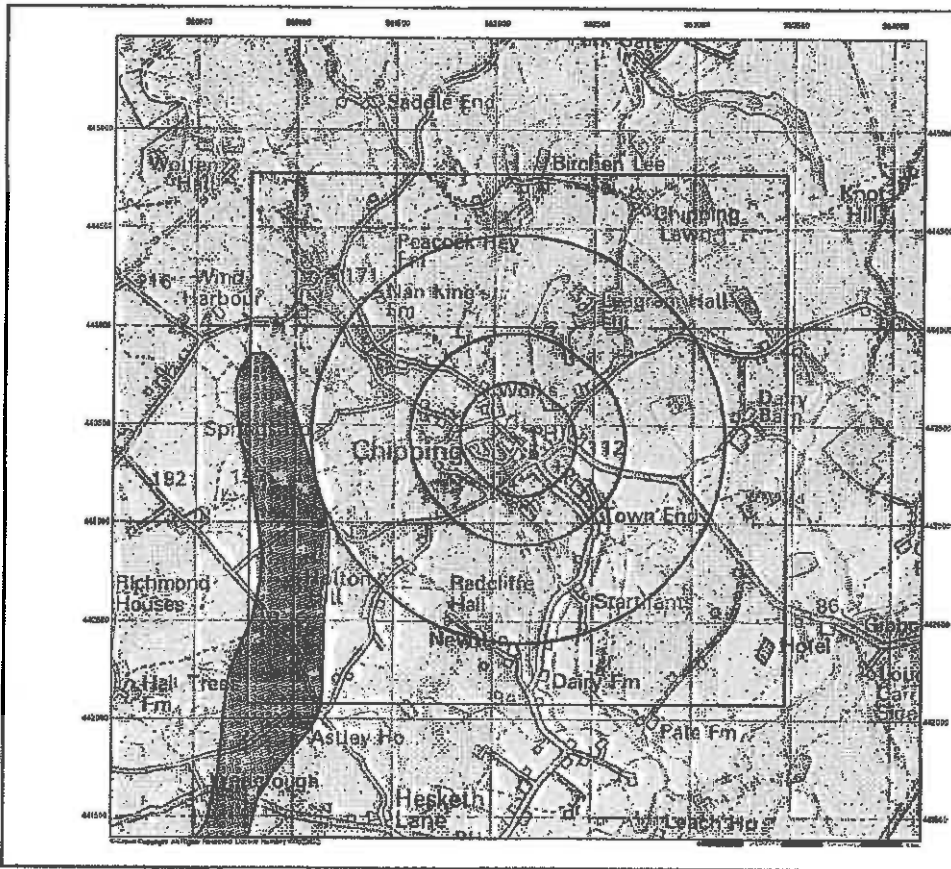
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	February 2012	Quarterly
Fuel Station Entries Catalist Ltd - Experian	November 2011	Quarterly
Sensitive Land Use	Version	Update Cycle
Areas of Adopted Green Belt Preston City Council Ribbles Valley Borough Council Wyre Borough Council - Planning Department	May 2011 May 2011 May 2011	As notified As notified As notified
Areas of Unadopted Green Belt Preston City Council Ribbles Valley Borough Council Wyre Borough Council - Planning Department	May 2011 May 2011 May 2011	As notified As notified As notified
Areas of Outstanding Natural Beauty Natural England	February 2012	Bi-Annually
Environmentally Sensitive Areas Natural England	February 2012	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	February 2012	Bi-Annually
Marine Nature Reserves Natural England	September 2011	Bi-Annually
National Nature Reserves Natural England	February 2012	Bi-Annually
National Parks Natural England	February 2012	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 2012	Annually
Ramsar Sites Natural England	February 2012	Bi-Annually
Sites of Special Scientific Interest Natural England	February 2012	Bi-Annually
Special Areas of Conservation Natural England	February 2012	Bi-Annually
Special Protection Areas Natural England	February 2012	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	 <p>CYNGOR CEFN GWLAD CYMRU COUNTRYSIDE COUNCIL FOR WALES</p>
Scottish Natural Heritage	
Natural England	
Health Protection Agency	
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 508 506 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	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
4	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
5	Lancashire County Council - Waste Management Group Environment Directorate, Guild House, Cross Street, Preston, Lancashire, PR1 8RD	Website: www.lancashire.gov.uk
-	Health Protection Agency - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radcn@hpa.org.uk Website: www.hpa.org.uk
-	Landmark Information Group Limited The Smith Centre, Henley On Thames, Oxfordshire, RG9 6AB	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.



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Groundwater Vulnerability

General

- Boundary Line
- Fence
- Spot Level (m)
- Spot Level (ft)
- Borehole Location Point

Agency and Hydrological

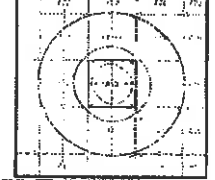
Biological Classes

- Major Aquifer (Highly Permeable)
- Minor Aquifer (Moderately Permeable)
- Non-Aquifer (Slightly Permeable)
- Water or Eco
- Drill Deposit

Soil Classes

- High (S) 1, 2, 3, U
- Intermediate (S) 1, 2
- Low
- High (U) 1, 2, 3, U
- Intermediate (U) 1, 2
- Low

Site Sensitivity Context Map - Slice A



Order Details

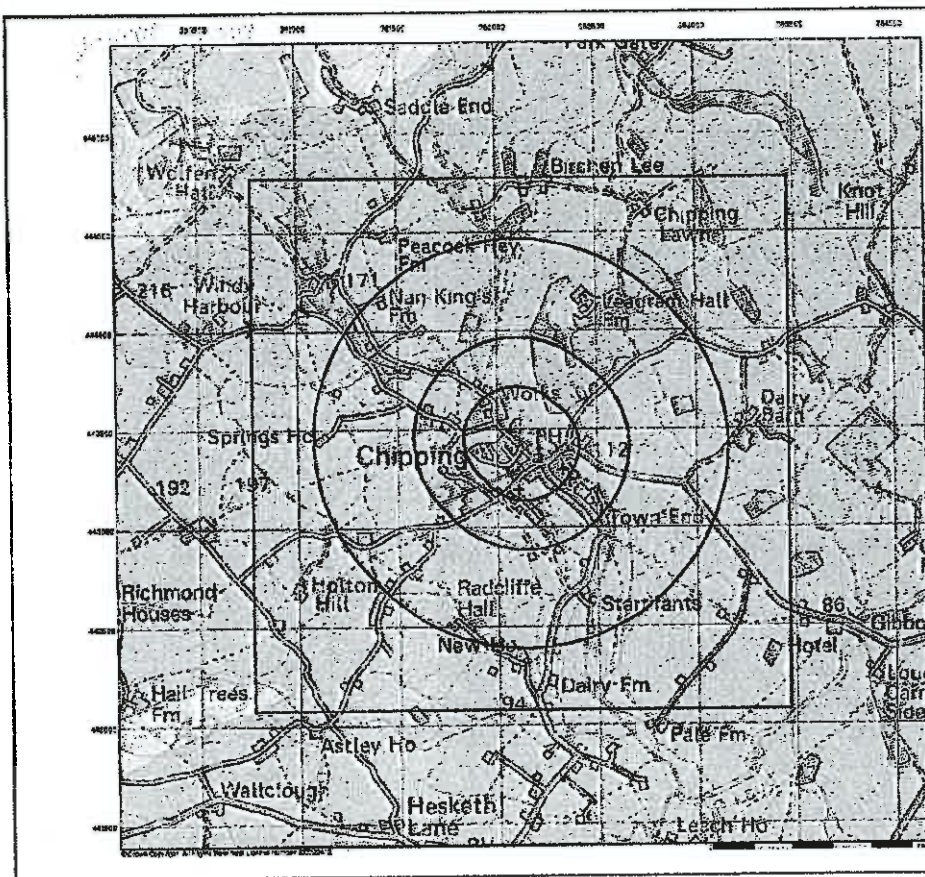
Order Number: 383462/6_1_1
 Customer Ref: 201628_0
 National Grid Reference: 522100, 493450
 Slice: A
 Site Area (ha): 0.21
 Search Radius (m): 1000

Site Details

Church Hall, Chipping, PRESTON, PR8 2QL

Landmark

100
 0241 541 0200
 0241 541 0201
 www.landmark.co.uk



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Bedrock Aquifer Designation

General

- Borehole 226
- Search Buffer
- Borehole Reference Point
- Road
- Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Unfractured 1
- Unproductive Strata
- Unknown

Site Sensitivity Context Map - Slice A

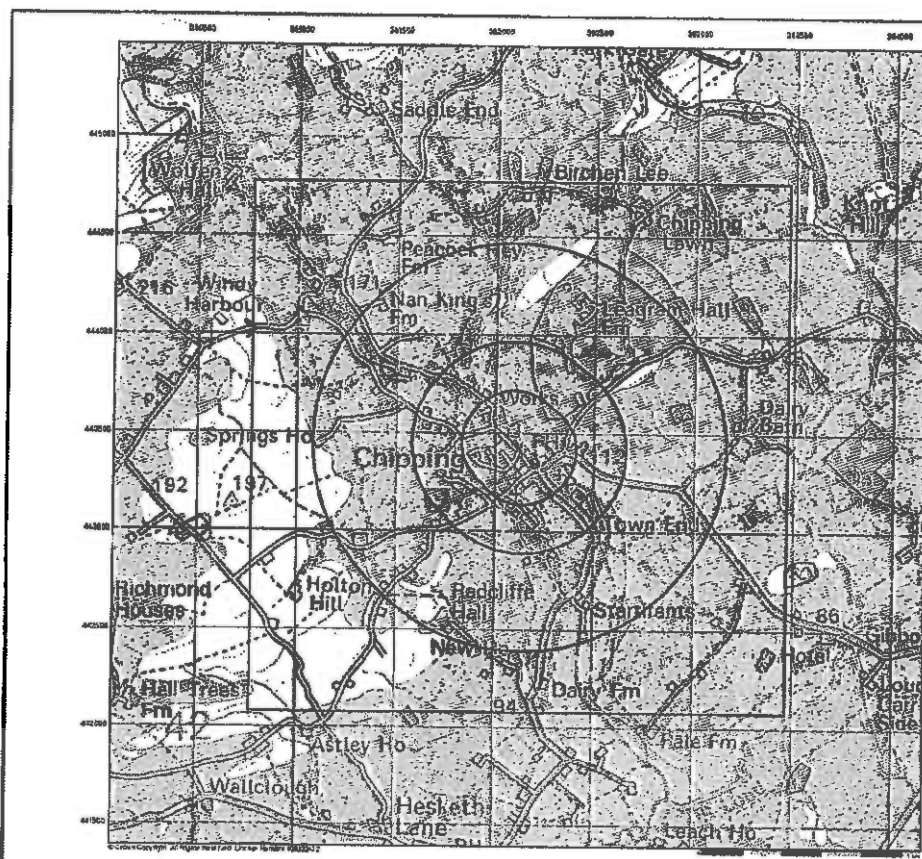
Order Details

Order Number:	33340273_1_1
Customer Ref:	28182.0
National Grid Reference:	202120 448400
Sheet:	A
Site Area (Ha):	0.21
Search Buffer (m):	1000

Site Details
Church Farm, Chipping, PRESTON, PR3 2GL

Landmark Geological Services

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Superficial Aquifer Designation

General

- Symbol: Shaded Area
- Symbol: Dotted Pattern
- Symbol: X
- Symbol: Square with X

Agency and Hydrological

Biological Classes

- Symbol: Shaded Area: Principal Aquifer
- Symbol: Dotted Pattern: Secondary A Aquifer
- Symbol: Square with X: Secondary B Aquifer
- Symbol: X: Secondary Undifferentiated
- Symbol: Shaded Area: Unproductive Strata
- Symbol: Square with X: Unknown

Site Sensitivity Context Map - Slice A

Order Details

Order Number:	383-0270_1_1
Customer Ref:	2010216
National Grid Reference:	52122, 44340
Site:	A
Site Area (Ha):	0.21
Search Buffer (m):	1000

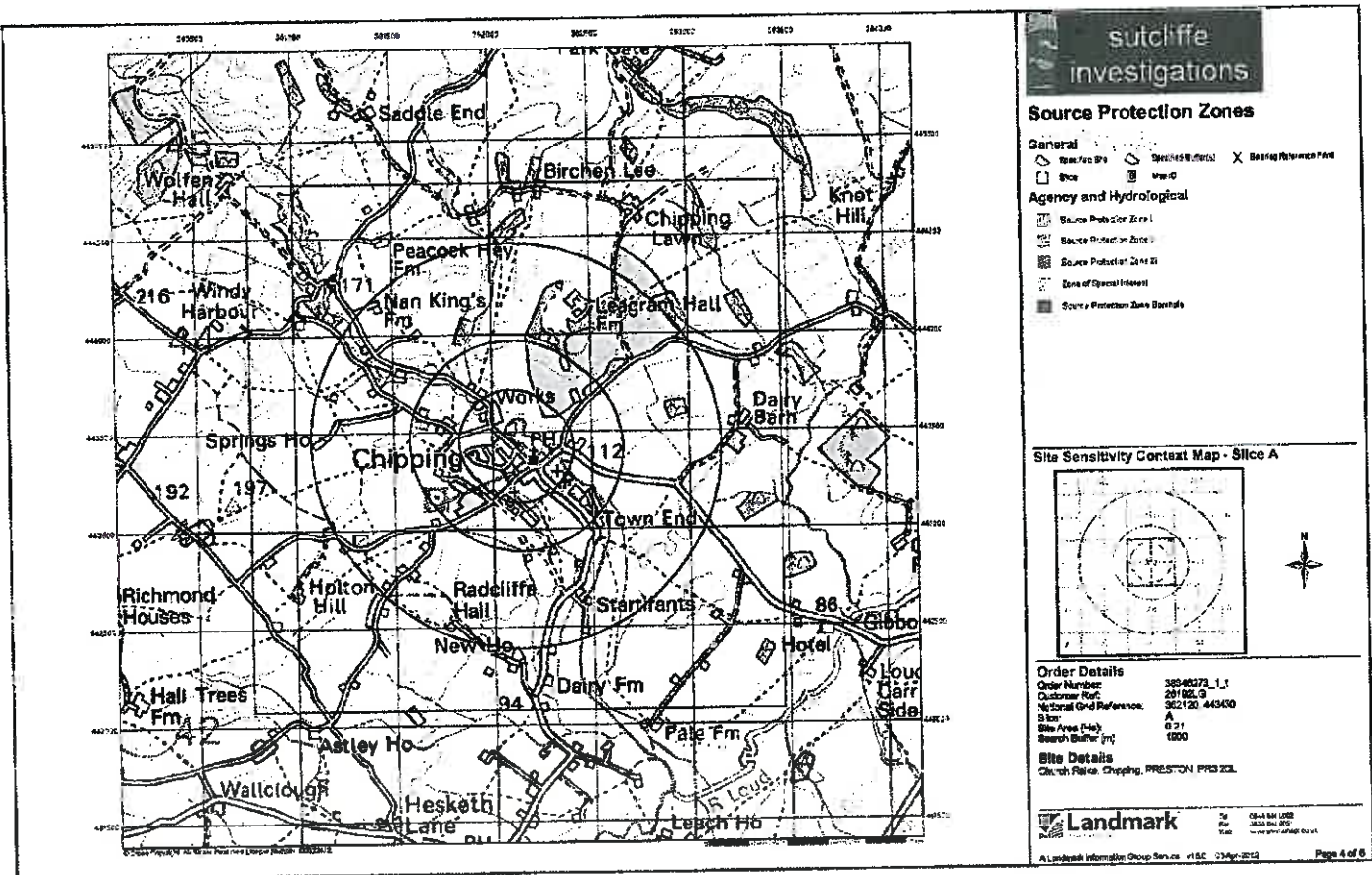
Site Details

Church Pike, Chipping, PRESTON, PR9 3GL

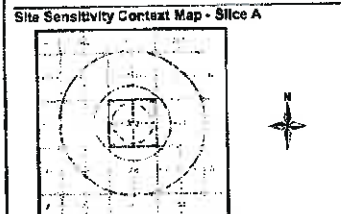
Landmark

Tel: 0142 841 960
 Fax: 0142 841 991
 Web: www.landmark.co.uk

Landmark Information Group Bristol, v13.0 03-Apr-09 12 Page 3 of 6



- Source Protection Zones**
- General**
- Water Pipe
 - Sewer
 - Sewer Manhole
 - Manhole
 - ✕ Baseline 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

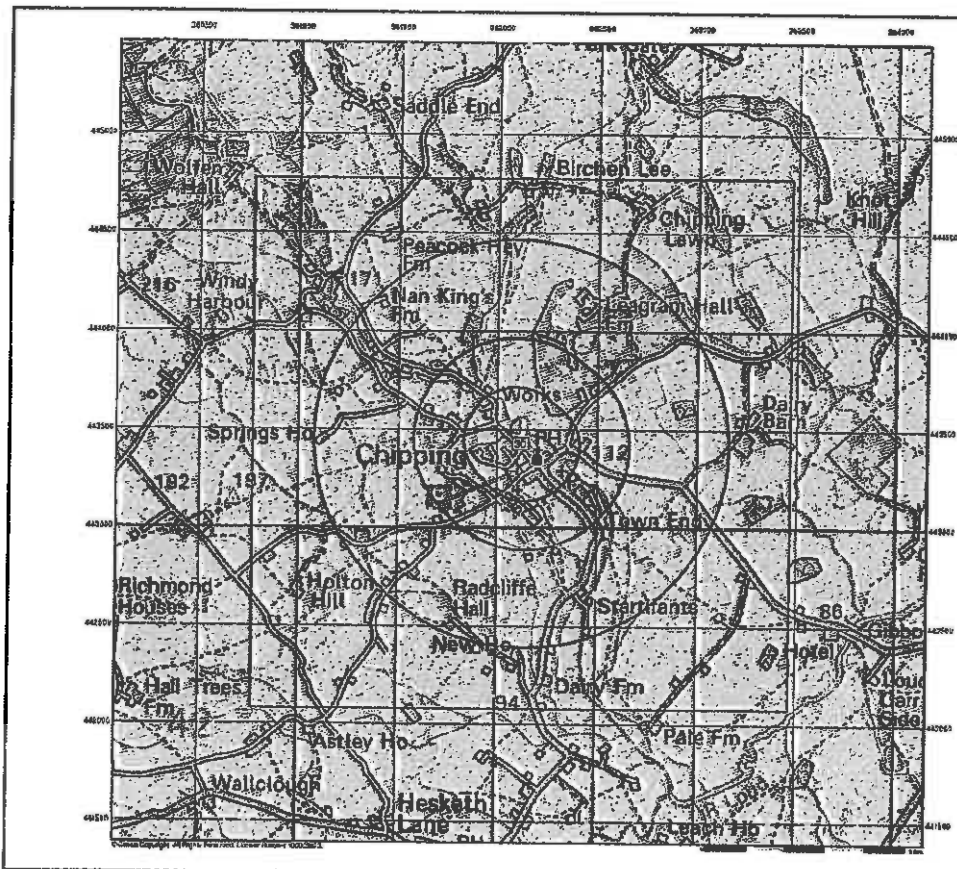


Order Details

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 National Grid Reference: 962120 443430
 Slice: A
 Site Area (hect): 0.21
 Search Buffer (m): 1000

Site Details

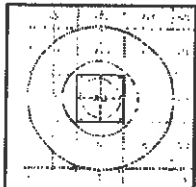
Church Piece, Chipping, PRESTON PR13 2DL



Sensitive Land Uses

- General**
- Specified Site
 - Site
 - Specified Boundary
 - Map ID
 - Existing Infrastructure
- Sensitive Land Uses**
- Area of Adjoining Green Belt
 - Area of Outstanding Natural Beauty
 - Environmentally Sensitive Area
 - Forest Park
 - Local Nature Reserve
 - Marine Nature Reserve
 - National Nature Reserve
 - National Park
 - Mixed Sensitive Area
 - Mixed Vulnerable Zone
 - Remote Site
 - Site of Special Scientific Interest
 - Special Area of Conservation
 - Special Protection Area

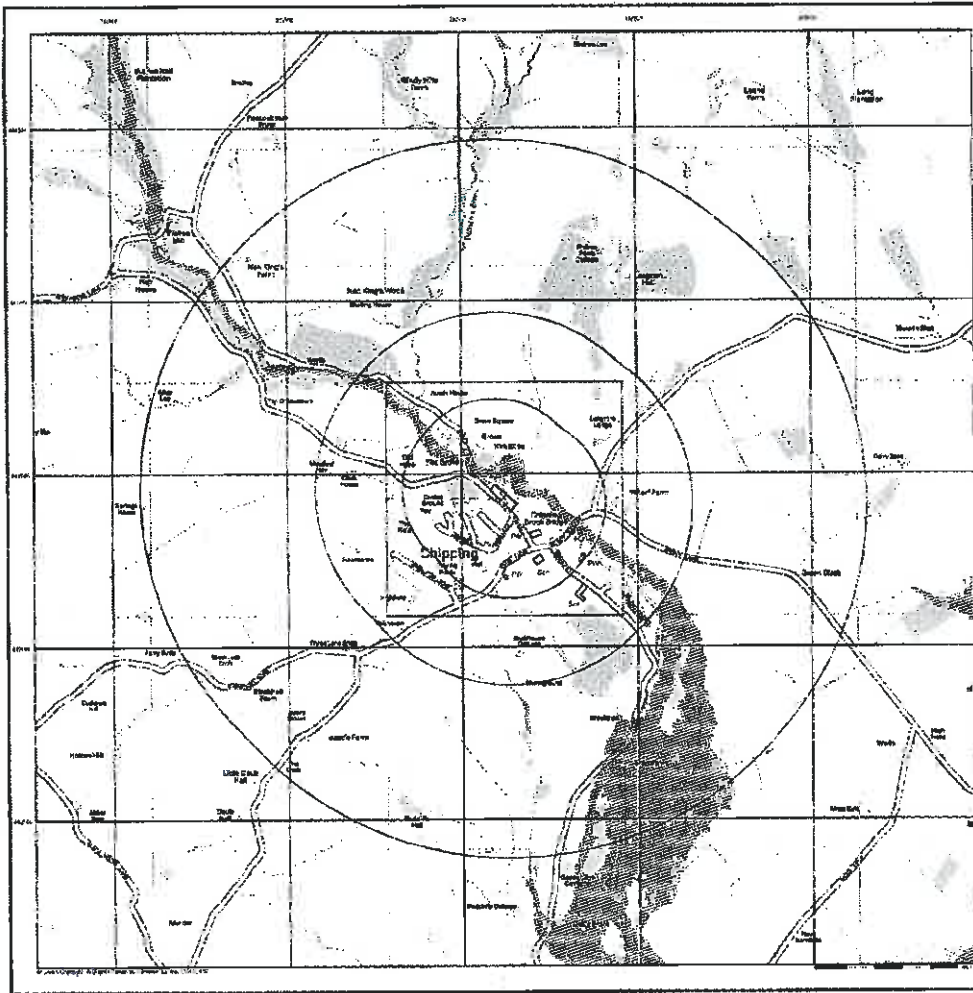
Site Sensitivity Context Map - Slice A



Order Details
 Order Number: 36046279_1J
 Customer Ref: 231823.0
 National Grid Reference: 322120, 448460
 Site: A
 Site Area (ha): 0.21
 Search Buffer (m): 1000

Site Details
 Crunch Ridge, Chipping, PRESTON, PR9 2DL





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General

- Site Boundary
- Search Buffer
- A Search Area

Agency and Hydrological (Flood)

- ▨ Estuarine Flooding from Rivers or Sea (within Defence Zone 2)
- ▨ Flooding from Rivers or Sea (within Defence Zone 2)
- ▨ Area Subject to Flood Defence
- ▨ Flood Vulnerability Area
- - Flood Defence

Flood Map - Slice A

Order Details

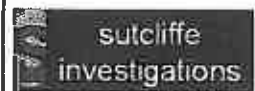
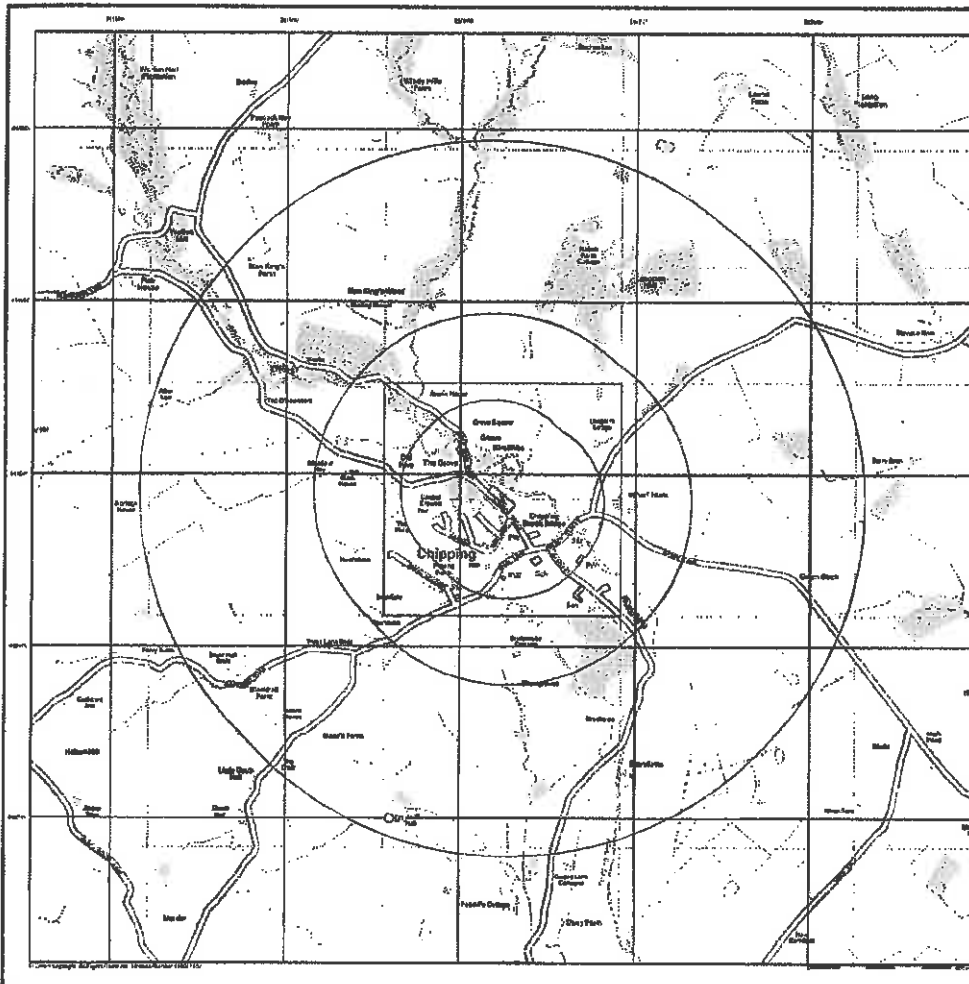
Order Number:	38545273_1_1
Customer Ref:	28192L9
National Grid Reference:	382120, 443430
Site:	A
Site Area (Ha):	0.21
Search Buffer (m):	1000

Site Details

Church Rafts Crossing PRESTON, PR3 2GL

Landmark Tel: 01462 48100
Fax: 01462 48101
Web: www.landmark.co.uk

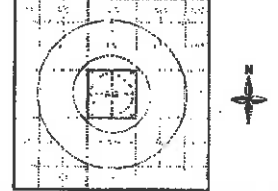
A Landmark Information Group Service 1470 05-A4-0812 Page 2 of 3



- General**
- Borehole ID
 - Borehole Depth
 - × Borehole Location
 - Borehole
 - Borehole of Type of Location
- Agency and Hydrological (Boreholes)**
- BGS Borehole Depth 0-10'
 - BGS Borehole Depth 10-20'
 - BGS Borehole Depth 20'+
 - Borehole
 - Other

For Borehole Information please refer to the Borehole.csw file which accompanied this slice.
 A copy of the BGS Borehole Ordering Form is available to download from the Support section of www.environment.co.uk.

Borehole Map - Slice A

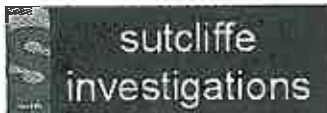


Order Details

Order Number: 88948278_1_1
 Customer Ref: 281922_3
 National Grid Reference: 385120, 443430
 Slice: A
 Site Area (Ha): 0.21
 Search Buffer (m): 1000

Site Details

Church Raikes, Chipping, PRESTON, PR3 2DL



Envirocheck® Report: Historical Data Report Datasheet

Order Details:

Order Number:

38346273_1_1

Customer Reference:

26192LG

National Grid Reference:

362120, 443430

Slice:

A

Site Area (Ha):

0.21

Search Buffer (m):

1000

Site Details:

Church Raike

Chipping

PRESTON

PR3 2QL

Client Details:

MR W Baldwin

Sutcliffe Projects Ltd

18-20 Harrington Street

Liverpool

L2 9QA

Prepared For:

Liverpool Housing Trust (LHT)

Report Section	Page Number
Summary	-
Historical Building Plans Information	-
Historical Land Use Information	1
Historical Tanks and Energy Facilities	-
Historical Map List	2
Useful Contacts and Further Information	3

Introduction

The Environment Act 1996 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.

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Report Version v47.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
Historical Building Plans Information					
Areas Cleared Due To Enemy Action					
Above Ground Fuel Tanks (100m)				n/a	n/a
Asbestos (100m)				n/a	n/a
Benzene/Benzole/Naphtha, Naphthalene/Kerosene (100m)				n/a	n/a
Electricity Generation (100m)				n/a	n/a
Electricity Sub-Stations (100m)				n/a	n/a
Gas Industry (100m)				n/a	n/a
Gas Storage (100m)				n/a	n/a
Gas Use (100m)				n/a	n/a
Oil Industry (100m)				n/a	n/a
Oil Storage (100m)				n/a	n/a
Oil Use (100m)				n/a	n/a
Paint based Oils (100m)				n/a	n/a
Paraffin (100m)				n/a	n/a
Petrol and Diesel Industry (100m)				n/a	n/a
Petrol and Diesel Storage (100m)				n/a	n/a
Petrol and Diesel Use (100m)				n/a	n/a
Potential Fuel Gas (100m)				n/a	n/a
Potential Fuel Oil (100m)				n/a	n/a
Potential Fuel Use (100m)				n/a	n/a
Potential Petrol and Diesel (100m)				n/a	n/a
Potential Tanks (100m)				n/a	n/a
Potentially Fuel-related Tanks (100m)				n/a	n/a
Underground Fuel Tanks (100m)				n/a	n/a
Historical Land Use Information					
Former Marshes					
Historical Flood Liabilities					
Potentially Contaminative Industrial Uses (Past Land Use)	pg 1		4		9
Potentially Infilled Land (Non-Water)					
Potentially Infilled Land (Water)	pg 1			1	

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
Historical Tanks and Energy Facilities					
Electrical Sub Station Facilities (100m)				n/a	n/a
Electricity Industry Facilities (100m)				n/a	n/a
Gas Industry Facilities (100m)				n/a	n/a
Gas Monitoring Facilities (100m)				n/a	n/a
Miscellaneous Power Facilities (100m)				n/a	n/a
Oil Industry Facilities (100m)				n/a	n/a
Petroleum Storage Facilities (100m)				n/a	n/a
Potential Tanks (100m)				n/a	n/a
Tanks (100m)				n/a	n/a

Historical Land Use Information

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Potentially Contaminative Industrial Uses (Past Land Use) Use: Cemetery or Graveyard Date of Mapping: 1895	A13SE (SE)	45	1	362160 443351
2	Potentially Contaminative Industrial Uses (Past Land Use) Use: Factory or works - use not specified Date of Mapping: 1987	A13NW (N)	78	1	362072 443542
3	Potentially Contaminative Industrial Uses (Past Land Use) Use: Sawmilling, planing & impregnation [i.e. treatment of timber] Date of Mapping: 1895 - 1956	A13NW (NW)	167	1	361982 443616
3	Potentially Contaminative Industrial Uses (Past Land Use) Use: Factory or works - use not specified Date of Mapping: 1847	A13NW (NW)	196	1	361984 443629
4	Potentially Contaminative Industrial Uses (Past Land Use) Use: Factory or works - use not specified Date of Mapping: 1847	A17SE (NW)	627	1	361564 443867
5	Potentially Contaminative Industrial Uses (Past Land Use) Use: Machinery: engines, building and general industrial [manufacture] Date of Mapping: 1847	A9NW (SE)	649	1	362489 442844
6	Potentially Contaminative Industrial Uses (Past Land Use) Use: Metal casting/foundries Date of Mapping: 1895	A17SE (NW)	661	1	361516 443795
7	Potentially Contaminative Industrial Uses (Past Land Use) Use: Factory or works - use not specified Date of Mapping: 1987	A17SE (NW)	697	1	361484 443814
8	Potentially Contaminative Industrial Uses (Past Land Use) Use: General quarrying Date of Mapping: 1895	A18NW (N)	817	1	362100 444283
9	Potentially Contaminative Industrial Uses (Past Land Use) Use: Sawmilling, planing & impregnation [i.e. treatment of timber] Date of Mapping: 1847	A7SE (SW)	865	1	361641 442681
10	Potentially Contaminative Industrial Uses (Past Land Use) Use: General quarrying Date of Mapping: 1847 - 1895	A12SW (W)	872	1	361253 443172
11	Potentially Contaminative Industrial Uses (Past Land Use) Use: Sewage Date of Mapping: 1987	A3SE (S)	939	1	362448 442503
12	Potentially Contaminative Industrial Uses (Past Land Use) Use: Cement, lime & plaster products [manufacture] Date of Mapping: 1847	A7NW (SW)	990	1	361202 442993
13	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A13SE (E)	254	1	362397 443326

No Historical Building Plans information available.

The following mapping has been analysed for Historical Land Use Information:

1:10,560	Mapsheet	Published Date
Lancashire And Furness	046_00	1847
Yorkshire	181_00	1850
Lancashire And Furness	046_00	1895
Yorkshire	181_00	1896
Lancashire And Furness	046_SW	1913
Lancashire And Furness	046_NW	1914
Lancashire And Furness	046_SW	1933
Ordnance Survey Plan	SD64SW	1956
1:10,000	Mapsheet	Published Date
Ordnance Survey Plan	SD64SW	1987

The following mapping has been analysed for Historical Tanks and Energy Facilities:

1:2,500	Mapsheet	Published Date
Ordnance Survey Plan	SD6143	1968
Ordnance Survey Plan	SD6243	1968

Useful Contacts and Further Information

Contact	Name and Address	Contact Details
1	Landmark Information Group Limited 5 - 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Telephone: 01392 441761 Fax: 01392 441709 Email: cssupport@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

Historical Building Plans Information

This data set contains potentially contaminative features such as asbestos, petrol, oil and tanks captured from Historical Building Plans. The Historical Building Plans were produced by the London-based firm Charles E. Goad Ltd. as fire insurance plans, dating back to 1885. The firm ceased production of fire insurance plans in 1970. Most of the important towns and cities of the British Isles are covered. Historical Building Plans are usually at the scales of 1:480 (1 inch to 40 feet) for the British Isles. They were updated every 5-6 years by means of revision sheets designed to be pasted on to the original plans.

It should be noted that Historical Building Plans are only available for certain major towns and cities and in some cases there may only be partial coverage of the search area. It cannot therefore be assumed that the absence of responses under the Historical Building Plans section of this report indicates that no hazards exist. Please check the Historical Building Plans Map List table in the Historical Map List section of this report to establish if Historical Building Plans are available for this search area.

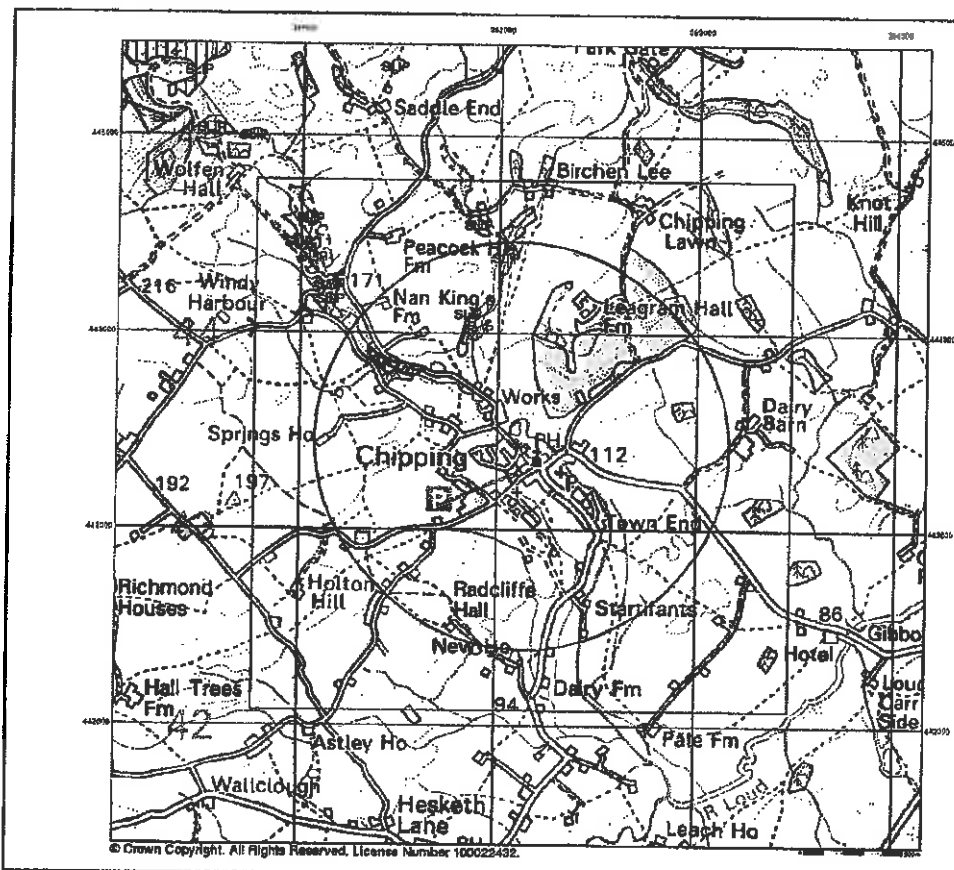
Historical Land Use Information

Landmark's Historical Land Use Data is the result of combined analysis of historical map data captured at 1:10,560 and 1:10,000. A unique comprehensive database of Historic Land Use from the 1840's to 1996 it includes 67 different types of potentially contaminated past industrial land use. This entailed analysing over 60,000 maps and is drawn from at least four, and up to six historical map editions. In addition a seventh layer was also created, known as the land use layer, containing areas of infilled land which are plotted via comparison between two or more map editions.

Historical Tanks and Energy Facilities

In addition to HLUd, additional analysis uncovered some of the most dangerous sources of contamination (past and present tanks, petrol storage, oil, gas, electricity, miscellaneous facilities). This data set covers over 390,000 Historical Tanks and Energy facilities in Great Britain and was captured from post war 1:2500 and 1:1250 Ordnance Survey historical mapping covering a period from 1943 to 1996.

**APPENDIX E
GEOLOGY REPORT**



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Artificial Ground and Landlip

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.
- 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 mixed workings where it is impracticable to map trends and worked ground separately.

Most movement (landfill) deposits on BGS geological maps are primarily superficial deposits that have moved down slope under gravity to lower levels. These affect bedrock, other superficial deposits and artificial ground. The dataset also includes foundation areas, where the ground has collapsed due to subsidence.

Artificial Ground and Landlip Map - Slice A

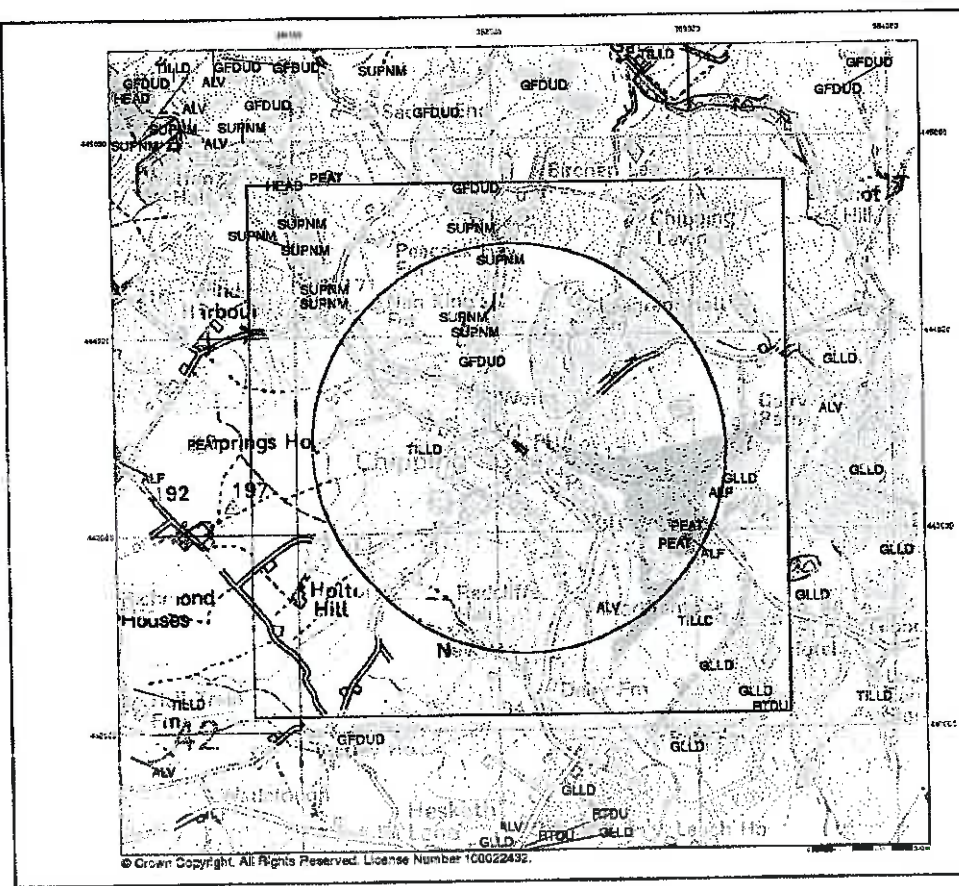
Order Details:

Order Number:	3834023_1.1
Customer Reference:	29182LS
National Grid Reference:	332123, 448430
Site:	A
Site Area (Ha):	0.21
Search Buffer (m):	1000

Site Details:
 Creach Nave, Chipping, PRESTON, PFG 23L

For more information visit
www.landmark.co.uk

v13.0 02-Apr-2012
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investigations

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 may be older deposits or rocks referred to as bedrock. This dataset contains Superficial deposits that are of natural origin and 'in place'. Other superficial strata may be held in the Mass Movement 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 of larger spreads.

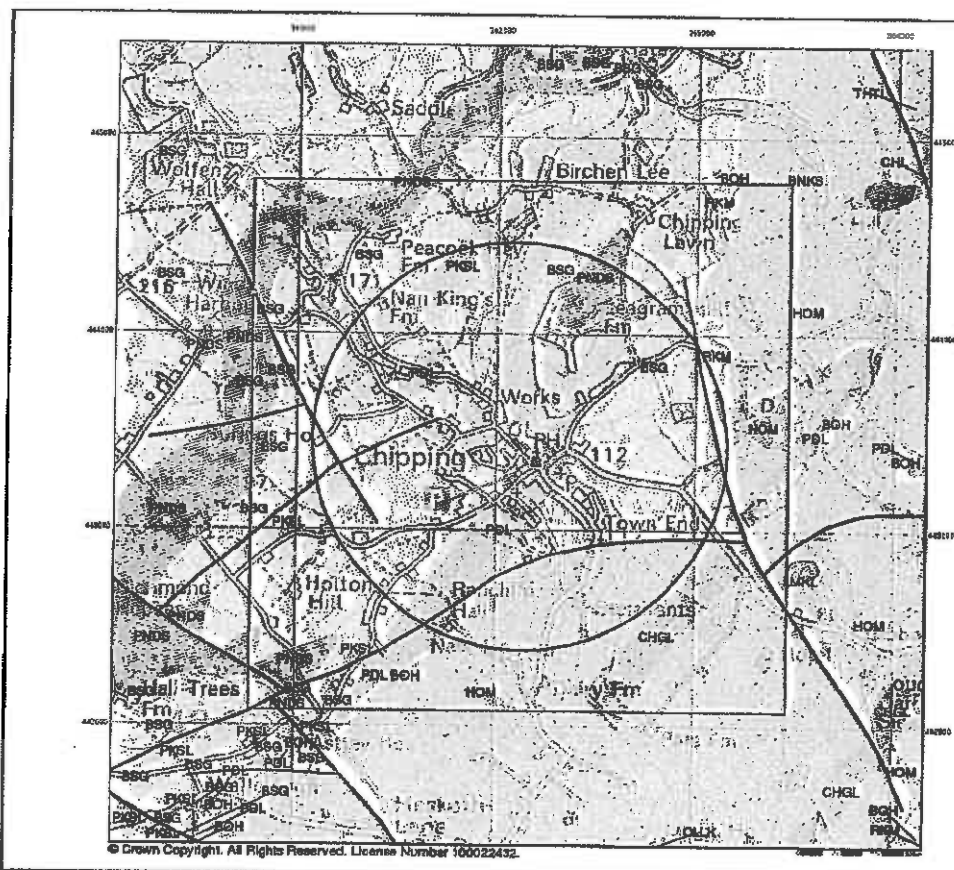
Superficial Geology Map - Slice A

Order Details:
 Order Number: 28346273_L1
 Customer Reference: 281662_G
 National Grid Reference: 382120, 443430
 Size: A
 Site Area (Hect): 0.21
 Search Buffer (m): 1000

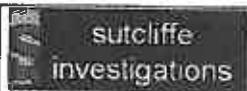
Site Details:
 Church Walk, Clipping PREETCH, PR3 2QL

Landmark 1st Floor, 88-90, High Street, London, W1C 2PU

1156 03492022 Page 8 of 5



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Bedrock and Faults

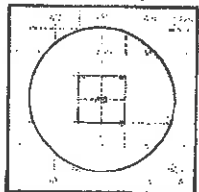
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

The bedrock has formed over vast lengths of geological time ranging from ancient and highly altered rocks of the Proterozoic, more 2500 million years ago, or older, up to the relatively young Pleistocene, 1.5 million years ago.

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

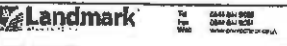
The BGS Faults and Rock Segments dataset includes geological faults (e.g. normal, thrust) and thin beds mapped as lines (e.g. coal seams, gypsiferous beds). Some of these are related to our particular 1:50,000 Geology datasets, for example, coal seams are part of the bedrock sequence, most faults and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

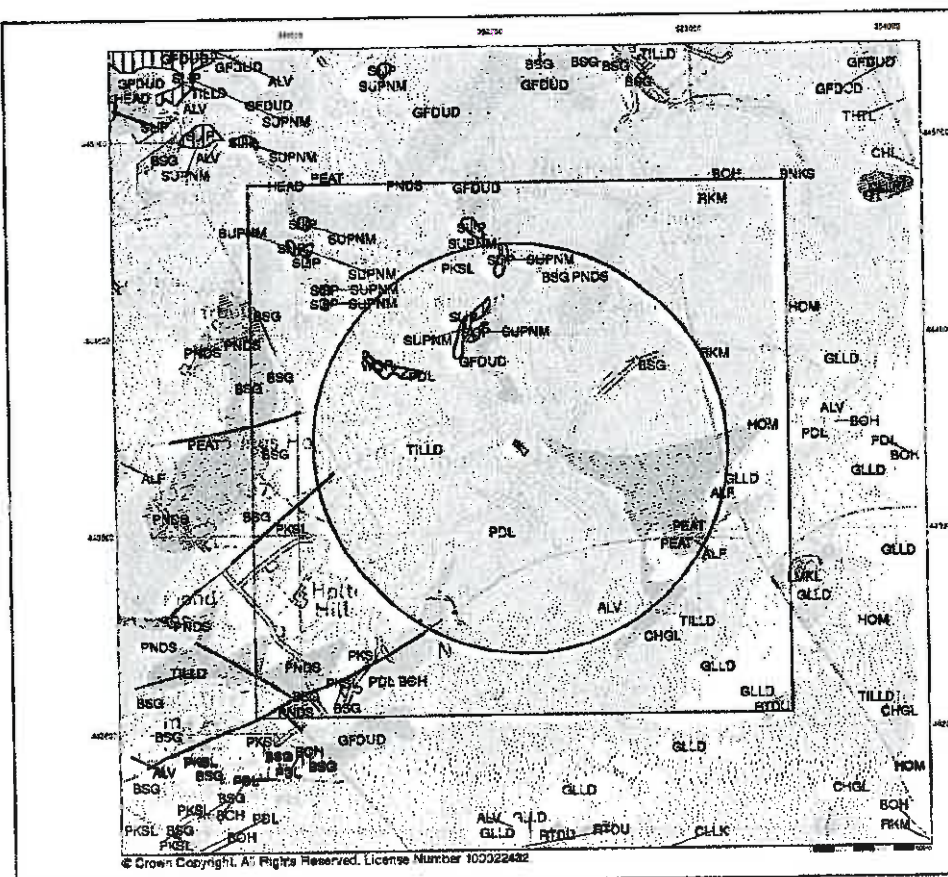
Bedrock and Faults Map - Slice A



Order Details:
 Order Number: 3534273_1_1
 Customer Reference: 28482_5
 National Grid Reference: 252120, 448480
 Site Area (Ha): 0.21
 Search Buffer (m): 5000

Site Details:
 Church Rook, Chipping, PRESTON, PMS 201





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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 in 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 database of "Named Rock Units". This database can be accessed by following the "Information and Data" link on the BGS website.

Contact
 British Geological Survey
 Kingsley Dunham Centre
 Keyworth
 Nottingham
 NG12 5GG
 Telephone: 0115 936 9143
 Fax: 0115 936 3270
 email: enquiries@bgs.ac.uk
 website: www.bgs.ac.uk

Combined Geology Map - Slice A

Order Details:
 Order Number: 20046270_1_1
 Customer Reference: 20192L0
 National Grid Reference: 362120 443450
 Sheet: A
 Scale Area (km²): 0.21
 Search Buffer (m): 1000

Site Details:
 Church Lane Chiping, PRESTON PG9 2GL

Landmark

1:50,000
 1:50,000
 1:50,000

Page 5 of 5

**APPENDIX F
SERVICES**



**Sutcliffe Projects Ltd
Consulting Engineers
18 & 20 Harrington Street
Liverpool
Merseyside
L2 9QA**

FAO: Sara Hale

Dear Sirs

Location: Church Raikie Chipping Preston

I acknowledge with thanks your request dated 19/04/12 for information on the location of our services.

Please find enclosed plans showing the approximate position of our apparatus known to be in the vicinity of this site.

I attach General Condition information sheets, which details contact numbers for additional services (i.e. new supplies, connections, diversions) which we are unable to deal with at this office. In addition you should ensure they are made available to anyone carrying out any works which may affect our apparatus.

I trust the above meets with your requirements and look forward to hearing from you should you need anything further.

If you have any queries regarding this matter please telephone us on 0870 7510101.

Yours Faithfully,

S McManus

**Sue McManus
Operations Manager
Property Searches**

United Utilities Water PLC
Property Searches
Ground Floor Grasmere House
Lingley Mere Business Park
Great Sankey
Warrington
WA5 3LP
DX 715568 Warrington
Telephone 0870 751 0101
Fax Number 0870 7510102
Property.searches@uuwplc.co.uk

Your Ref:

Our Ref: 11/ 864651

Date: 20/04/2012



TERMS AND CONDITIONS - WASTERWATER & WATER DISTRIBUTION PLANS

These provisions apply to the public sewerage, water distribution and telemetry systems (including sewers which are the subject of an agreement under Section 104 of the Water Industry Act 1991 and mains installed in accordance with the agreement for the self construction of water mains) (UUW apparatus) of United Utilities Water PLC ("UUW").

TERMS AND CONDITIONS:

1. This Map and any information supplied with it is issued subject to the provisions contained below, to the exclusion of all others and no party relies upon any representation, warranty, collateral contract or other assurance of any person (whether party to this agreement or not) that is not set out in this agreement or the documents referred to in it.
2. This Map and any information supplied with it is provided for general guidance only and no representation, undertaking or warranty as to its accuracy, completeness or being up to date is given or implied.
3. In particular, the position and depth of any UUW apparatus shown on the Map are approximate only. UUW strongly recommends that a comprehensive survey is undertaken in addition to reviewing this Map to determine and ensure the precise location of any UUW apparatus. The exact location, positions and depths should be obtained by excavation trial holes.
4. The location and position of private drains, private sewers and service pipes to properties are not normally shown on this Map but their presence must be anticipated and accounted for and you are strongly advised to carry out your own further enquiries and investigations in order to locate the same.
5. The position and depth of UUW apparatus is subject to change and therefore this Map is issued subject to any removal or change in location of the same. The onus is entirely upon you to confirm whether any changes to the Map have been made subsequent to issue and prior to any works being carried out.
6. This Map and any information shown on it or provided with it must not be relied upon in the event of any development, construction or other works (including but not limited to any excavations) in the vicinity of UUW apparatus or for the purpose of determining the suitability of a point of connection to the sewerage or other distribution systems.
7. No person or legal entity, including any company shall be relieved from any liability howsoever and whensoever arising for any damage caused to UUW apparatus by reason of the actual position and/or depths of UUW apparatus being different from those shown on the Map and any information supplied with it.
8. If any provision contained herein is or becomes legally invalid or unenforceable, it will be taken to be severed from the remaining provisions which shall be unaffected and continue in full force and affect.
9. This agreement shall be governed by English law and all parties submit to the exclusive jurisdiction of the English courts, save that nothing will prevent UUW from bringing proceedings in any other competent jurisdiction, whether concurrently or otherwise.



**United
Utilities**

Conditions and information regarding wastewater network

**These general conditions and precautions apply
to the wastewater network of United Utilities.**

Please ensure that a copy of these conditions is passed to your representative and contractor on site.

1. United Utilities provides the approximate locations of its sewers according to its records. These records are not necessarily accurate or complete nor do they normally show the positions of every sewer culvert or drain, private connections from properties to the public sewers or the particulars of any private system. No person or company shall be relieved from liability for any damage caused by reason of the actual positions and/or depths being different from those indicated. The records do indicate the position of the nearest known public sewer from which the likely length of private connections can be estimated together with the need for any off site drainage rights or easements.
2. Special requirements relative to our sewers may be indicated. United Utilities employees or its contractors will visit any site at reasonable notice to assist in the location of its underground sewers and advise any precautions that may be required to obviate any damage. To arrange a visit or for further information regarding new supplies, connections, diversions, costing, or any notification required under these General Conditions, please call us on **0845 746 2200**.
3. Where public sewers are within a site which is to be developed and do not take any drainage from outside the area, they are from an operational viewpoint redundant. The developer must identify all redundant sewers affected by the development and apply to United Utilities in writing for these sewers to be formally closed. The developer shall bear all related costs of the physical abandonment work.
4. Public sewers within the site that are still live outside the area, will be subject to a "Restricted Building zone". This would normally be a surface area equivalent to the depth of the sewer measured from the centre line of the sewer on either side. No construction will be permitted within that zone. The developer should also note that deep and wide rooted trees must not be planted in close proximity to live sewers. Access to public sewers must be maintained at all times and no interference to manholes will be permitted during construction work.
5. Where there is a public sewer along the line of a proposed development/building, arrangements shall be made by the developer at his cost to divert the sewer around the development. Where this is not possible and as a last resort, a "Building Over Agreement" will need to be completed under section 18 of the Building Act 1984. The developer shall design building foundations to ensure that no additional loading is transferred to the sewer and submit such details both to the Local Authority's Building Control Officer and to United Utilities for approval/acceptance. United Utilities on a rechargeable basis would normally undertake all aspects of design work associated with the diversion of any part of the operational wastewater network.
6. Where there is a non-main river watercourse/culvert passing through the site, the landowner has the responsibility of a riparian owner for the watercourse/culvert and is responsible for the maintenance of the fabric of the culvert and for all works involved in maintaining the unrestricted flow through it. Building over the watercourse/culvert is not recommended. The developer must contact the local authority before any works are carried out on the watercourse/culvert. Where it is necessary to discharge surface water from the site into the watercourse/culvert the developer shall make an assessment of the available capacity of the watercourse/culvert (based on a 1 in 50 year event) and ensure that the additional flow to be discharged into the watercourse/culvert will not cause any flooding. In appropriate cases, flooding may be prevented by on-site storage. The developer shall submit the relevant details required to substantiate his development proposals. Details of any outfall proposed shall also be submitted to the Environment Agency, PO Box 12, Richard Fairclough House, Knutsford Road, Warrington, Cheshire, WA4 1HT for their approval.
7. Where there is a main river watercourse/culvert passing through the site, the developer shall submit all proposals affecting the river to the Environment Agency at the address stated in paragraph 6 for approval/acceptance.

8. Your attention is drawn also to the following:

- **Private drains or sewers which may be within the site.**
United Utilities has no duty to keep records of private drains and sewers, and there are no comprehensive records kept elsewhere. Local Authority Building Control Officers may have records of recent developments and they or the developer may be able to provide information in this respect.

- **Applications to make connections to the public sewer.**
The developer must write to United Utilities requesting an application form that must be duly completed and returned. No works on the public sewer shall be carried out until a letter of consent is received from United Utilities.

- **Sewers for adoption.**
If an agreement for the adoption of sewers under Section 104 of the Water Industry Act 1991 is being contemplated, a submission in accordance with "Sewers for Adoption", Fifth Edition, published by the Water Research Centre (2001) Plc, Henley Road, Medmenham, PO Box 16, Marlow, Buckinghamshire, SL7 2HD will be required, taking into consideration any departures from the general guide stipulated by United Utilities.

- **Further consultation with United Utilities.**
Developers wishing to seek advice or clarification regarding sewer record information provided should contact United Utilities to arrange an appointment. A consultation fee may be charged, details of which will be made available at the time of making an appointment.

9. Combined sewers, foul sewers, surface water sewers, and pumped mains. These are shown separately in a range of colours or markings to distinguish them on our drawings, which are extracts from the statutory regional sewer map. A legend and key is provided on each extract for general use, although not all types of sewer will be shown on every extract.

Combined sewers shown coloured red carry both surface water and foul sewage, especially in areas where there is no separate surface water sewerage system.

Foul sewers coloured brown may also carry surface water and there may be no separate surface water system indicated in the immediate area. Both combined and foul sewers carry wastewater to our treatment works before it can safely be returned to the environment.

Surface water sewers coloured blue on our drawings are intended only to carry uncontaminated surface water (e.g. rainfall from roofs, etc) and they usually discharge into local watercourses. It is important for the protection of the environment and water quality that only uncontaminated surface water is connected to the surface water sewers. Improper connections to surface water sewers from sink wastes, washing machines and other domestic use of water can cause significant pollution of watercourses.

Pumped mains, rising mains and sludge mains will all be subject to pumping pressures and are neither suitable nor available for making new connections.

Highway drains, when included, show as blue and black dashed lines. Highway drains are not assets belonging to United Utilities and are the responsibility of local authorities.

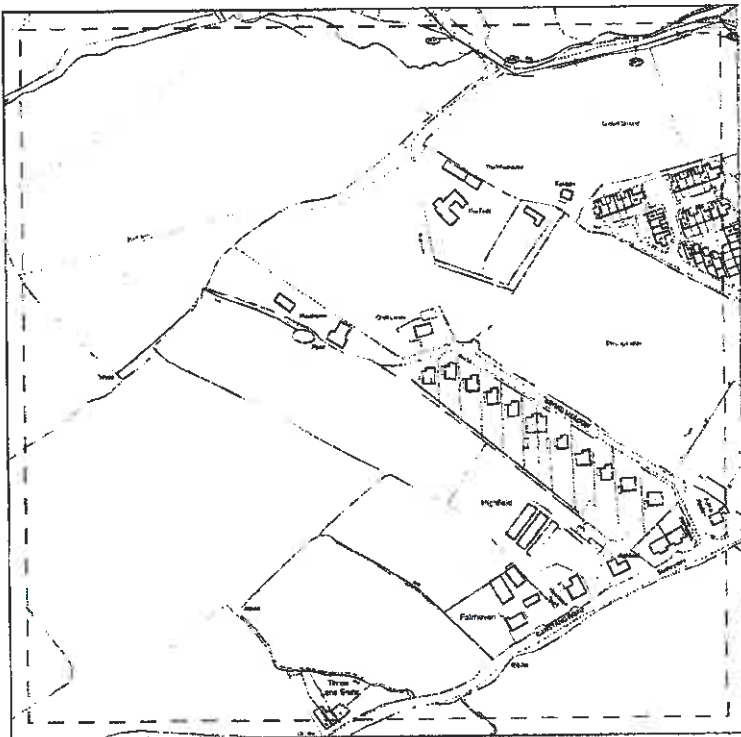
10. For information regarding future proposals for construction of company apparatus please write to United Utilities, PO Box 453, Warrington, WA5 3QN.

11. For information regarding easements, deeds, grants or wayleaves please write to United Utilities Property Solutions, Coniston Buildings, Lingley Mere Business Park, Lingley Green Avenue, Great Sankey, Warrington WA5 3UU (Tel: 01925 463 654).



United Utilities Water PLC
Haweswater House, Lingley Mere Business Park,
Lingley Green Avenue, Great Sankey, Warrington WA5 3LP
www.unitedutilities.com

Registered in England and Wales Registered Number 2366678



OS Sheet No: SD6143SE
 Scale 1:1250 Date: 20-Apr-2012

Prepared by: Angela Galt

Map Layer File: SewerSystem_041012.dwg
 1:1250 1:1250 1:1250 1:1250 1:1250

WASTE WATER SYMBOLS

- 1. Sewer Main
- 2. Sewer Lateral
- 3. Sewer Manhole
- 4. Sewer Catch Basin
- 5. Sewer Pump Station
- 6. Sewer Valve
- 7. Sewer Air Valve
- 8. Sewer Vent
- 9. Sewer Inlet
- 10. Sewer Outlet
- 11. Sewer Access Point
- 12. Sewer Structure
- 13. Sewer Structure
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SYMBOL ASSOCIATIONS

- 1. Sewer Main
- 2. Sewer Lateral
- 3. Sewer Manhole
- 4. Sewer Catch Basin
- 5. Sewer Pump Station
- 6. Sewer Valve
- 7. Sewer Air Valve
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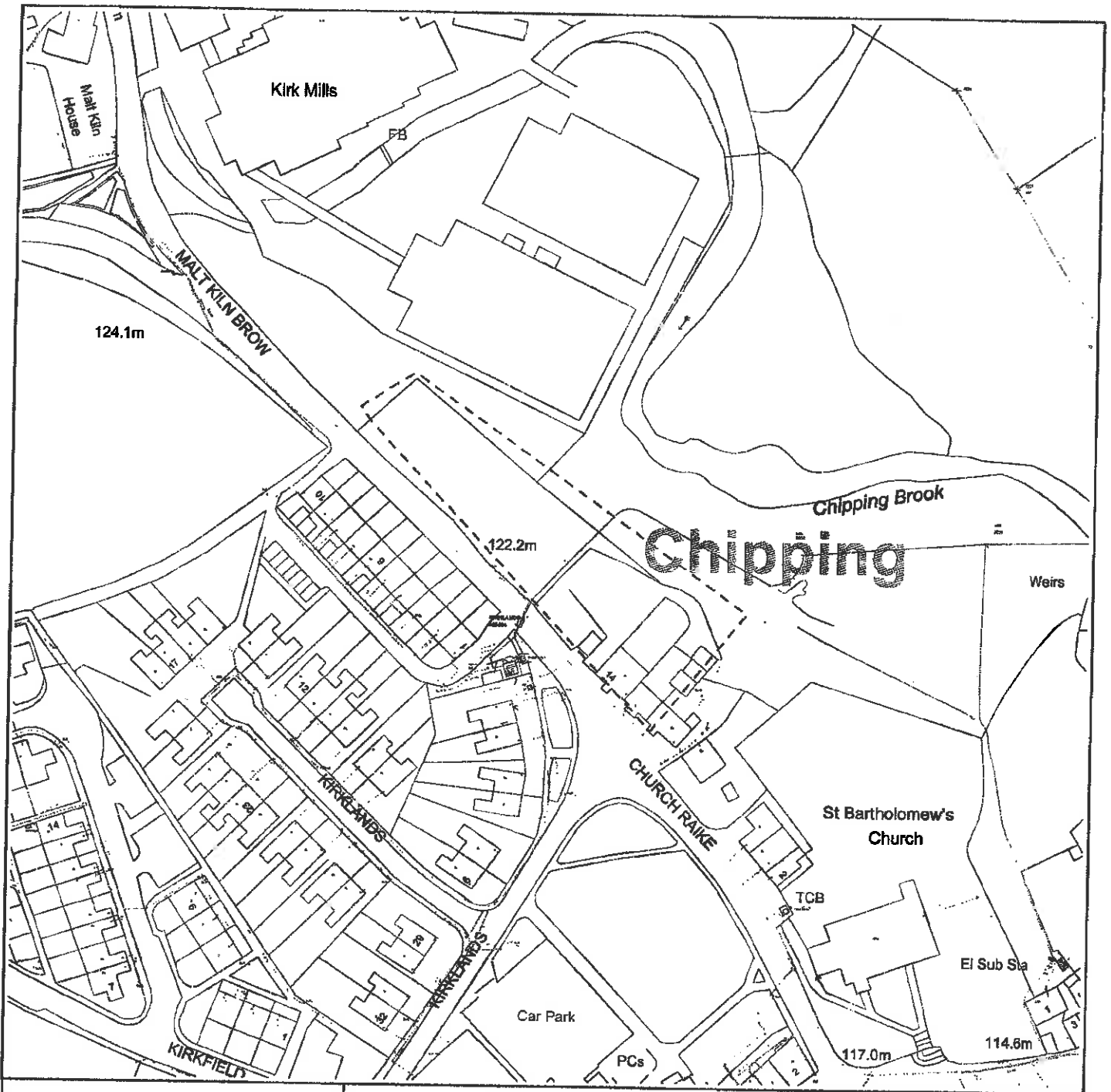
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This drawing is prepared in accordance with the standards of the Department of Transportation and is not to be used for any other purpose without the express written consent of the Department.

OS Sheet No: SD6143SE
 Scale 1:1250 Date: 20-Apr-2012
 3 Nodes
 Sheet 1 of 1





Requested by: Cassie Longworth
 Company: Utilities Connections Management
 Date Requested: 19/04/2012
 Job Reference: 496239
 Your Scheme/Reference: KF

Dig Sites:
 Area Line Point

Operating Voltage	Colour Code	Line Colour
132kV	Black	
33kV	Green	
22kV-25kV	Yellow	
11kV	Red	
6kV-6.6kV	Blue	
1kV-6kV	Violet	
LV	Orange	
Unknown Voltage	Brown	



Data Management
 Electricity North West
 Linley House
 Dickinson Street
 Manchester, M1 4LF
 Phone: 0800 195 4141
 Email: planrequest@enwl.co.uk

Scales on A4 paper:
 1:1250 Area dig site
 1:500 Line dig site
 1:250 Point dig site

Unless otherwise indicated the depth of Electricity North West Limited cables are in accordance with NUG (450mm for Low Voltage & 600mm for 11kV cables) 33kV and 132kV cables are laid at depths as marked. The depth and positions of Electricity North West Limited equipment was accurate as shown when the equipment was installed. However third parties may have altered the level & other reference data. Therefore Electricity North West Limited accept no responsibility for the position of Electricity North West Limited equipment being different from that shown. No person, body or company, shall be relieved from liability for damage caused to Electricity North West Limited equipment by reason of being located differently to the indications on this drawing. Service cables are not necessarily shown but must be assumed to exist to all premises, streetlights and signs. There may be other Electricity North West Limited apparatus in the vicinity which is not indicated on the cable records. Other apparatus may also be present which is owned by a third party other than Electricity North West Limited.

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Reference should be made to HSE Guidance, HS(G)47 "Avoiding Danger from Underground Services" and GS6 "Avoidance of Danger from Overhead Power Lines".

Electricity North West Limited 304 Bridgewater Place, Birchwood Park, Warrington WA3 6XG. Registered in England and Wales. Registered No 02366949



Sara Hale
Sutcliffe Projects LTD
18-20 HARRINGTON STREET
Liverpool
L2 9QA

Plant Protection
National Grid
Block 1: Floor 1
Brick Kiln Street
Hinckley
LE10 0NA
E-mail: plantprotection@uk.ngrid.com
Telephone: +44 (0)800 688588

National Grid Electricity Emergency Number:
0800 40 40 90*

National Gas Emergency Number:
0800 111 999*
* Available 24 hours, 7 days/week.
Calls may be recorded and monitored.

www.nationalgrid.com

Date: 02/05/2012
Our Ref: XX_XX_2W_04389
Your Ref:

RE: Scheduled Works, PR3 2QL, Church Raik, Chipping, Preston

Thank you for your enquiry which was received on 26/04/2012.

Please note this response and any attached map(s) are valid for 28 days.

An assessment has been carried out with respect to National Grid Electricity Transmission plc's and National Grid Gas plc's apparatus. Please note it does not cover the items listed in the section "Your Responsibilities and Obligations", including gas service pipes and related apparatus.

For details of National Grid's network areas please see the National Grid website (<http://www.nationalgrid.com/uk/Gas/Safety/work/>) or the enclosed documentation.

Are My Works Affected?

National Grid has identified that it has no record of apparatus in the vicinity of your enquiry. Please note that there may still be gas service(s) or recently installed apparatus present. Further detail can be found in the "Essential Guidance" document (<http://www.nationalgrid.com/NR/rdonlyres/6D6525F9-59EB-4825-BA89-DBD7E68882C7/51319/EssentialGuidance.pdf>).

Please proceed with caution, and with reference to the other guidance in this response.

National Grid is a trading name for:
National Grid Electricity Transmission plc
Registered Office: 1-3 Strand, London WC2N 5EH
Registered in England and Wales, No 2386977

National Grid is a trading name for:
National Grid Gas plc
Registered Office: 1-3 Strand, London WC2N 5EH
Registered in England and Wales, No 2006000

The details contained within this enquiry are valid for 28 days. If the scheduled work is not completed within this time, or should the location, date or nature of your activities change, you must submit another enquiry.

Your Responsibilities and Obligations

The "Assessment" Section below outlines the detailed requirements that must be followed when planning or undertaking your scheduled activities at this location.

It is your responsibility to ensure that the information you have submitted is accurate and that all relevant documents including links are provided to all persons (either direct labour or contractors) working for you near National Grid's apparatus, e.g. as contained within the Construction (Design and Management) Regulations.

This assessment solely relates to National Grid Electricity Transmission plc (NGET) and National Grid Gas plc (NGG) apparatus. This assessment does **NOT** include:

- National Grid's legal interest (easements or wayleaves) in the land which restricts activity in proximity to National Grid's assets in private land. You must obtain details of any such restrictions from the landowner in the first instance and if in doubt contact National Grid.
- Gas service pipes and related apparatus
- Recently installed apparatus
- Apparatus owned by other organisations, e.g. other gas distribution operators, local electricity companies, other utilities, etc.

It is **YOUR** responsibility to take into account whether the items listed above may be present and if they could be affected by your proposed activities. Further "Essential Guidance" in respect of these items can be found on the National Grid Website (<http://www.nationalgrid.com/NR/rdonlyres/6D6525F9-59EB-4825-BA89-DBD7E68882C7/51319/EssentialGuidance.pdf>).

This communication does not constitute any formal agreement or consent for any proposed development work; either generally or with regard to National Grid's easements or wayleaves nor any planning or building regulations applications.

NGG and NGET or their agents, servants or contractors do not accept any liability for any losses arising under or in connection with this information. This limit on liability applies to all and any claims in contract, tort (including negligence), misrepresentation (excluding fraudulent misrepresentation), breach of statutory duty or otherwise. This limit on liability does not exclude or restrict liability where prohibited by the law nor does it supersede the express terms of any related agreements.

If you require further assistance please contact the National Grid Plant Protection team via e-mail ([click here](#)) or via the contact details at the top of this response.

Yours faithfully

National Grid Plant Protection Team

ASSESSMENT

Requirements

BEFORE carrying out any work you must:

- Carefully read these requirements including the attached guidance documents and maps showing the location of National Grid apparatus.
- Contact the landowner and ensure any proposed works in private land do not infringe National Grid's legal rights (i.e. easements or wayleaves). If the works are in the road or footpath the relevant local authority should be contacted.
- Ensure that all persons, including direct labour and contractors, working for you on or near National Grid's apparatus follow the requirements of the HSE Guidance Notes HSG47 - 'Avoiding Danger from Underground Services' and GS6 – 'Avoidance of danger from overhead electric power lines'. This guidance can be downloaded free of charge at <http://www.hse.gov.uk>
- In line with the above guidance, verify and establish the actual position of mains, pipes, cables, services and other apparatus on site before any activities are undertaken.

GUIDANCE

Standard Guidance

Essential Guidance document:

<http://www.nationalgrid.com/NR/rdonlyres/6D6525F9-59EB-4825-BA89-DBD7E68882C7/51319/EssentialGuidance.pdf>

General Guidance document:

<http://www.nationalgrid.com/NR/rdonlyres/55C13C4D-A1AA-4B13-BFDA-1CF59F88B326/51318/GeneralGuidance.pdf>

Excavating Safely In the vicinity of gas pipes guidance (Credit card):

<http://www.nationalgrid.com/NR/rdonlyres/A3D37677-6641-476C-9DDA-E89949052829/44257/ExcavatingSafelyCreditCard.pdf>

Excavating Safely in the vicinity of electricity cables guidance (Credit card):

<http://www.nationalgrid.com/NR/rdonlyres/35DDEC6D-D754-4BA5-AF3C-D607D05A25C2/44858/ExcavatingSafelyCreditCardelectricitycables.pdf>

Copies of all the Guidance Documents can also be downloaded from the National Grid Website:

<http://www.nationalgrid.com/uk/Gas/Safety/work/downloads/>

ENQUIRY SUMMARY

Received Date

26/04/2012

Location

Centre Point: 362117, 443427

X Extent: 76

Y Extent: 76

Postcode: PR3 2QL

Location Description: PR3 2QL, Church Raik, Chipping, Preston

Map Options

Paper Size: A4

Orientation: LANDSCAPE

Requested Scale: 500

Actual Scale: N/A

Real World Extents: N/A

Start Date

14/05/2012

Recipients

pprsteam@uk.ngrid.com

Enquirer Details

Organisation Name: Sutcliffe Projects LTD

Contact Name: Sara Hale

Email Address: sara.hale@sutcliffe.co.uk

Telephone: 0151 227 3155

Address: 18-20 HARRINGTON STREET, Liverpool, L2 9QA

Description of Works

undertaking site investigation works (dB)

Enquiry Type

Scheduled Works

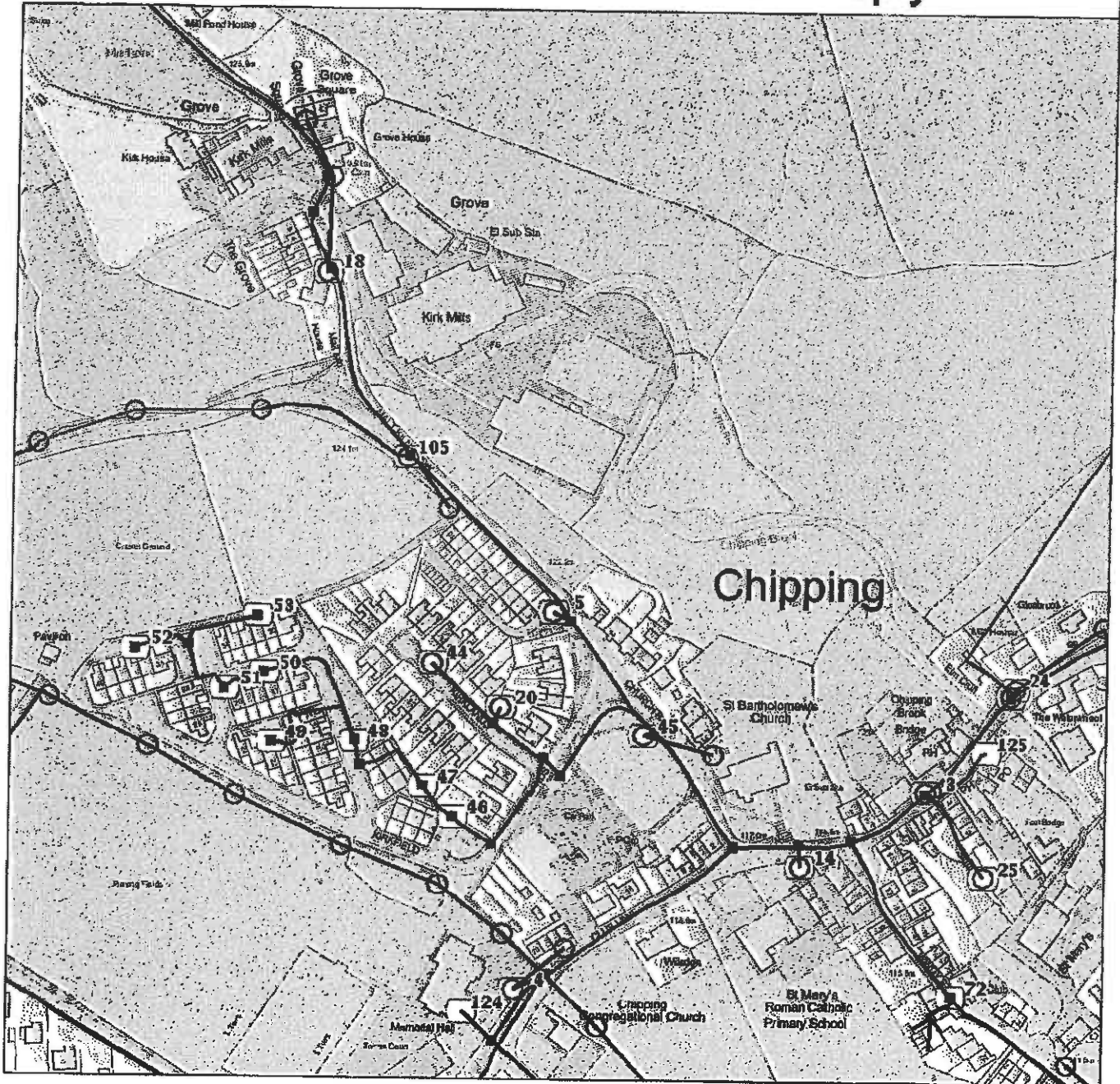
Activity Type

General Excavation

Work Types

Work Type: Deep Excavation (greater than or equal to 0.3m)

Maps by email Plant Information Reply



IMPORTANT WARNING

Information regarding the location of BT apparatus is given for your assistance and is intended for general guidance only. No guarantee is given of its accuracy. It should not be relied upon in the event of excavations or other works being made near to BT apparatus which may exist at various depths and may deviate from the marked route.

DIAL BEFORE YOU DIG

FOR PROFESSIONAL ON SITE ASSISTANCE PRIOR TO COMMENCEMENT OF EXCAVATION WORKS

ADVANCE NOTICE REQUIRED
(Office hours: Monday-Friday 08.00 to 17.00)

Tel: 0800 9173993
E-mail: dbyd@openreach.co.uk
Website: www.dialbeforeyoudig.com

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KEY TO BT SYMBOLS

	UNDERGROUND PLANT		POLE
	OVERHEAD PLANT		CABINET
	JOINT BOX		BURIED JOINT
	DISTRIBUTION POINT		JOINTING POST
	MANHOLE		PROPOSED U/G
	DP BOUNDARY		PROPOSED O/H
	OTHER BT BOUNDARY		PROPOSED BOX

Other proposed plant is shown using dashed lines. BT symbols not listed above may be disregarded. Existing BT plant may not be recorded. Information valid at the time of preparation.

openreach

BT GROUP business



BT Ref : YDI12233W

Map Reference : (centre) SD621204340

Easting/Northing : (centre) 362120,443430

issued : 19/04/2012 12:24:14



**Sara Hale
Sutcliffe
18-20 Harrington Street
Liverpool**

L2 9QA

**Virgin Media
National Plant Enquiries Team
Scimitar Park
Courtauld Road
Basildon
Essex
SS13 1ND**

**Tel: 0870 888 3116 Opt 2
Fax: 01268 468557**

**Plant Enquiry Ref: VM/CIP/101524
Your Letter Date: 27/04/12
Your Ref: LG: 26192
Date: 04/05/2012**

Dear Ms Hale

Enquiry Location: Church Raik, Chipping, Preston, PL3 2QL

Thank you for your enquiry regarding work at the above location.

Virgin Media and Viatel plant should not be affected by your proposed work and no strategic additions to our existing network are envisaged in the immediate future.

Should your request be in relation to a New Development and you require an estimate to be prepared for Virgin Media to service your proposed development, please submit this request for costs along with site drawings (scale 1:500) to:

**Virgin Media
New Build
Virgin Media
1 Dove Wynd
Strathclyde Business Park
Bellshill
ML4 3AL**

This information is only valid on the date of issue. If your start date is 3 months or more from the date of this letter, please re-apply for updated information.

Yours faithfully,

**National Plant Enquiries Team
email: plant.enquiries.team@virginmedia.co.uk**

Please note: National Plant Enquiries Team (Basildon) cover and respond to plant enquiries for all ex ntl:Telewest franchise areas.