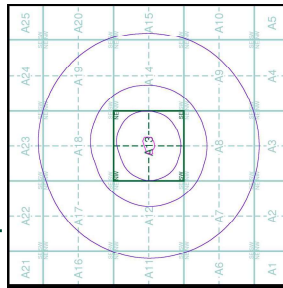


- General**
- Specified Site
 - Bearing Reference Point

Agency and Hydrological (Flood)

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

Flood Map - Slice A



Order Details

Order Number: 278658895_L_1
 Customer Ref: 74441
 National Grid Reference: 402810, 217230
 Slice: A
 Site Area (Ha): 1.33
 Search Buffer (m): 1000

Site Details

Northfield Farm, Withington Road, Andoversford, GL54 4LL



© GeoSmart. All Rights Reserved. License Number 10052332

- General**
- Specified Site
 - Bearing Reference Point
 - ☒ Map ID
 - ☒ Several of Type at Location

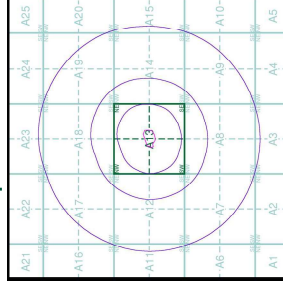
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice A

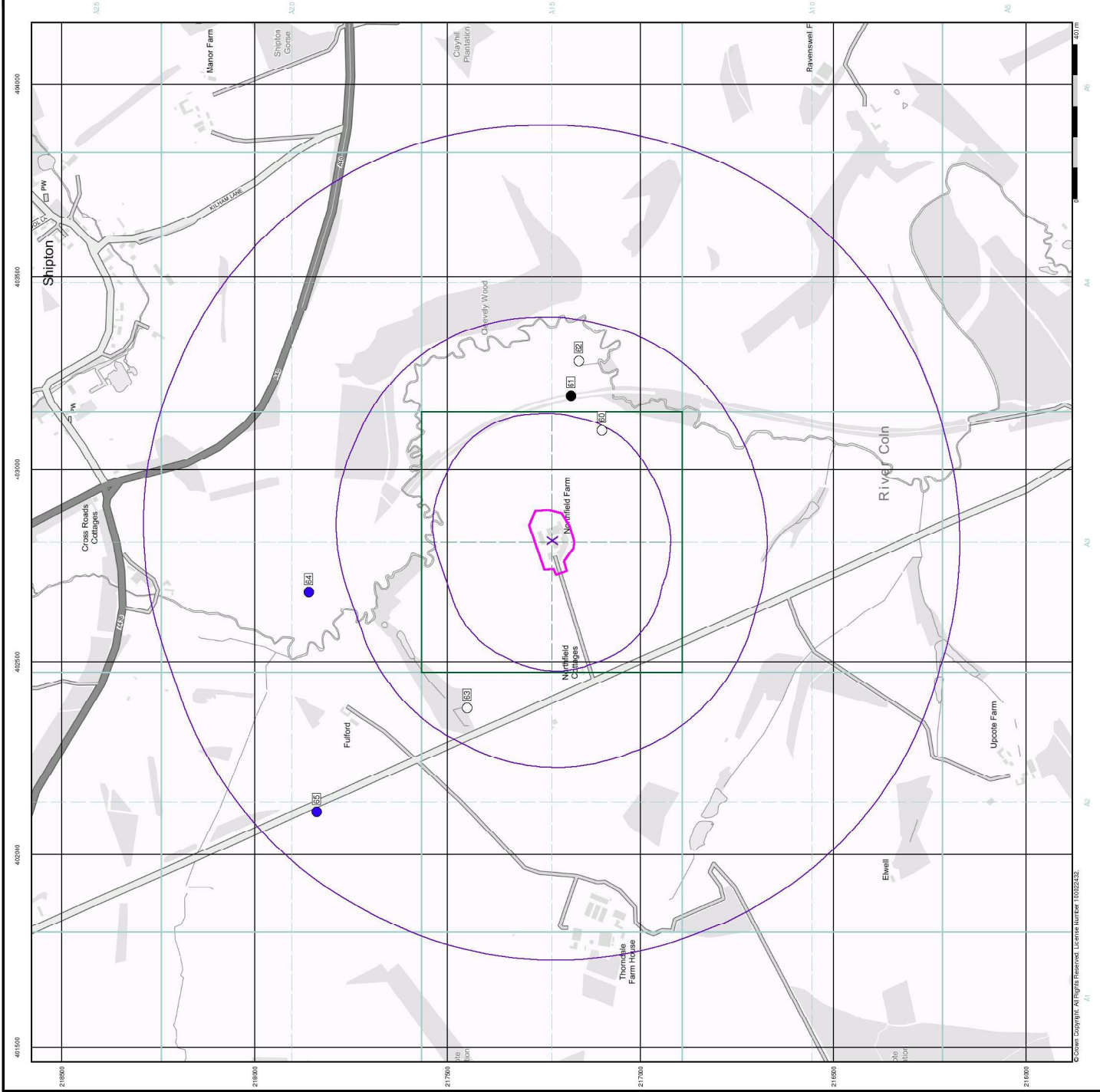


Order Details

Order Number: 278658895_L_1
 Customer Ref: 74441
 National Grid Reference: 402810, 217230
 Slice: A
 Site Area (Ha): 1.33
 Search Buffer (m): 1000

Site Details

Northfield Farm, Withington Road, Andoversford, GL54 4LL

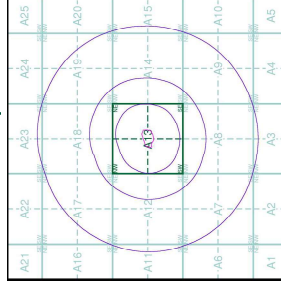


- General**
- Specified Site
 - Specified Buffer(s)
 - X Bearing Reference Point

OS Water Network Data

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

OS Water Network Map - Slice A

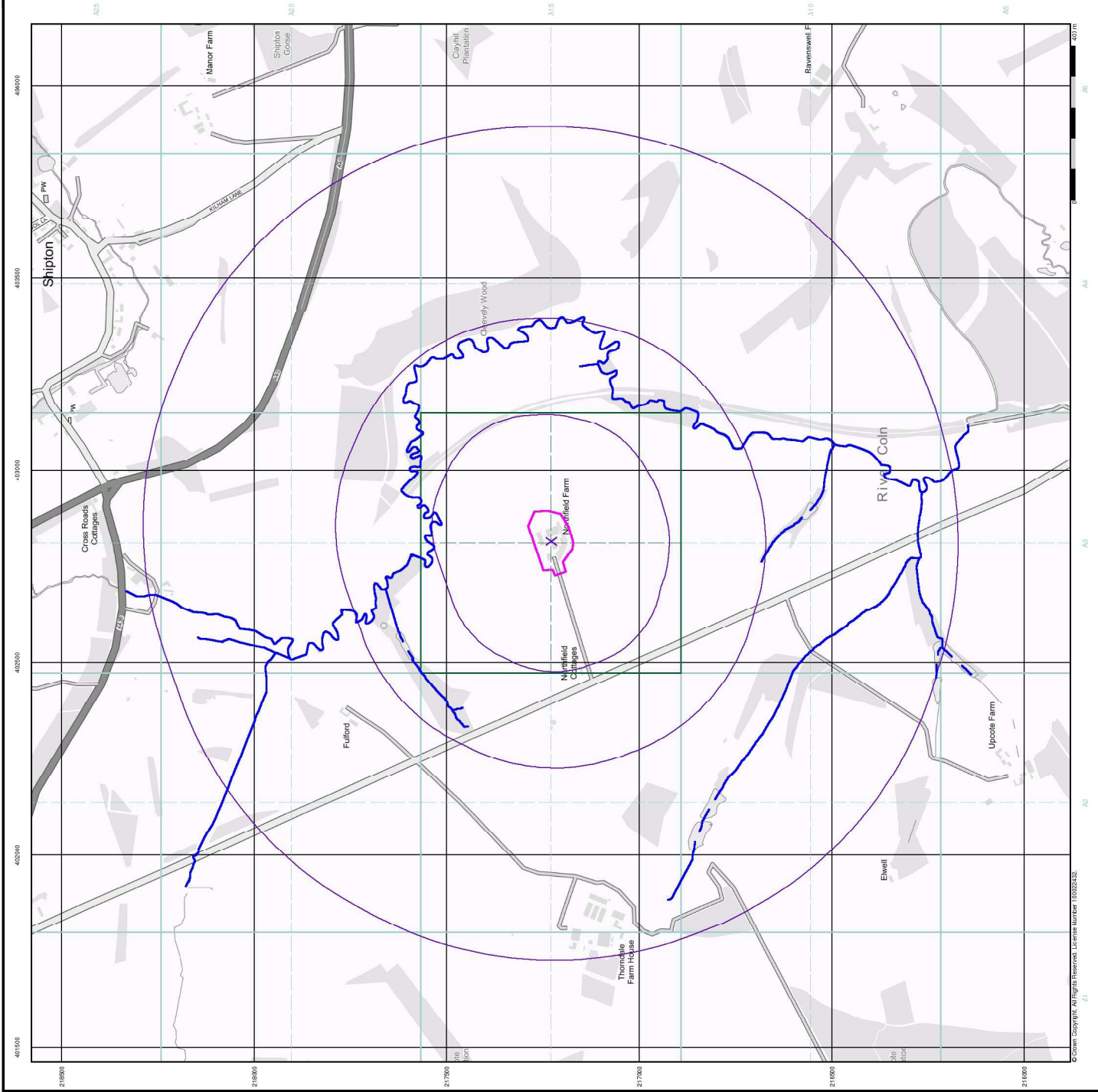


Order Details

Order Number: 278658895_L_1
 Customer Ref: 74441
 National Grid Reference: 402810, 217230
 Slice: A
 Site Area (Ha): 1.33
 Search Buffer (m): 1000

Site Details

Northfield Farm, Withington Road, Andoversford, GL54 4LL



© Osam Software. All Rights Reserved. License Number 10052332

3.4 Risk assessment methodology

The method of risk evaluation adopted in this document is consistent with CIRIA C552 (2001). Hence, risk is considered to be a function of both the probability (likelihood) of contamination occurring at the study site and also the potential severity (consequence) of the environmental impacts associated with this contamination.

The classification system used to define contaminant probability, consequence and risk is described in the following tables.

Table A: Classification of probability

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

Table B: Classification of consequence

Classification	Receptor	Definition	Examples
Severe	Humans	Short-term (acute) risk to human health likely to result in "significant harm" as defined in the CTL Statutory Guidance	High concentrations of cyanide on the surface of an informal recreation area
	Controlled waters	Short-term risk of pollution (note: Water Resources Act contains no scope for considering significance of pollution) of sensitive water resource	Major spillage of contaminants from site into controlled water
	Property	Catastrophic damage to buildings/property	Explosion, causing building collapse (can also equate to an acute human health risk if buildings are occupied)
	Ecology	A short-term risk to a particular ecosystem, or organism forming part of such eco-system	Potentially long term derogation of a designated site or protected species
Medium	Humans	Chronic damage to human health ("significant harm" as defined in the CTL Statutory Guidance)	Concentrations of a contaminant from a residential site exceed the site-specific assessment criteria
	Controlled waters	Pollution of sensitive water resources (note: Water Resources Act contains no scope for considering significance of pollution)	Leaching of contaminants from a site to a principal or secondary aquifer
	Property	Significant damage to crops, buildings, structures and services	Damage to building rendering it unsafe to occupy (e.g. foundation damage resulting in instability)
	Ecology	A significant change in a particular ecosystem	Death of a species within a designated nature reserve

Table B: Classification of consequence (continued)

Classification	Receptor	Definition	Examples
Mild	Humans	Contamination present although unlikely to constitute a significant chronic health risk	Concentrations of a contaminant from a public access site moderately exceed the generic assessment criteria
	Controlled waters	Pollution of non-water resources	Pollution of non-classified groundwater
	Property	Damage to sensitive buildings/structures/services	Aggressive ground conditions leading to potential for long term degradation of buried concrete
	Ecology	Damage to the environment	Localised damage to aquatic habitat causing temporary relocation of certain species
Minor	Humans	Non-permanent health effects to human health (easily prevented by means such as personal protective clothing, etc.)	The presence of contaminants at such concentrations that protective equipment is required during site works
	Controlled waters	Potential minor release of contamination to local water features	Short term or low volume release of potentially polluting material to a secondary surface water course of low existing quality
	Property	Easily reparable effects of damage to buildings, structures and services. Harm which may result in a financial loss, or expenditure to resolve	The loss of plants in a landscaping scheme. Discolouration of concrete
	Ecology	Short term, localised damage may occur; consequences are spatially and temporally limited	Short term or localised disruption to in situ flora or fauna; no lasting effects

Table C: Risk classification (comparison of consequence and probability)

		Consequence (severity)			
		Severe	Medium	Mild	Minor
Probability	High likelihood	Very high risk	High risk	Moderate risk	Low risk
	Likely	High risk	Moderate risk	Moderate/low risk	Low risk
	Low likelihood	Moderate risk	Moderate/low risk	Low risk	Very low risk
	Unlikely	Moderate/low risk	Low risk	Very low risk	Very low risk

Risk Key

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

3.5 Historical land use maps

Historical Ordnance Survey maps relating to the site and its surrounding area have been provided by Landmark.

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Gloucestershire	1:2,500	1884	2
Gloucestershire	1:2,500	1902	3
Gloucestershire	1:2,500	1922	4
Ordnance Survey Plan	1:2,500	1979	5
Large-Scale National Grid Data	1:2,500	1995	6

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

Symbol	Description
	Quarry
	Gravel Pit
	Sand Pit
	Refuse Heap
	Clay Pit
	Sloping Masonry
	Flat Rock
	Marsh
	Reeds
	Osiers
	Wood
	Furze
	Brushwood
	Orchard
	Ferry
	Fir
	Ford
	Waterfall
	Lock
	Trig. Station
	Altitude at Trig. Station
	Surface Level
	Antiquities (site of)

Ordnance Survey Plan 1:2,500 and 1:1,250

Symbol	Description
	Inactive Quarry, Chalk Pit or Clay Pit
	Active Quarry, Chalk Pit or Clay Pit
	Rock
	Cliff
	Roofed Building
	Sloping Masonry
	Archway
	Non-Coniferous Tree (surveyed)
	Non-Coniferous Trees (not surveyed)
	Orchard Tree
	Scrub
	Reeds
	Marsh, Saltings
	Rough Grassland
	Health
	Bench Mark
	Triangulation Station
	Cave Entrance
	Electricity Transmission Line
	County Boundary (Geographical)
	County & Civil Parish Boundary
	Civil Parish Boundary
	Admin. County or County Bor. Boundary
	London Borough Boundary
	Symbol marking point where boundary merging changes

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

Symbol	Description
	Quarry
	Gravel Pit
	Sand Pit
	Refuse Heap
	Clay Pit
	Sloping Masonry
	Flat Rock
	Marsh
	Reeds
	Osiers
	Wood
	Furze
	Brushwood
	Orchard
	Ferry
	Fir
	Ford
	Waterfall
	Lock
	Trig. Station
	Altitude at Trig. Station
	Surface Level
	Antiquities (site of)

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

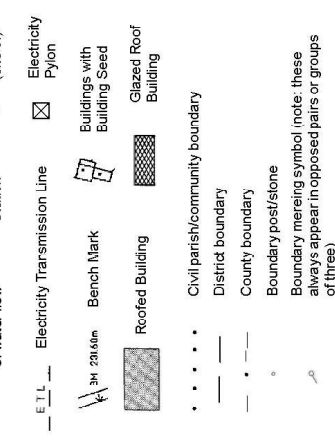
Symbol	Description
	Cutting
	Embankment
	Road crossing Railway
	Level Crossing
	Road over single stream
	Road over River or Canal
	County Boundary (Geographical)
	County & Civil Parish Boundary
	Administrative County & Civil Parish Boundary
	County Borough Boundary (England)
	County Borough Boundary (Scotland)
	Boundary Post or Stone
	Bridle Road
	Electricity Pylon
	Foot Bridge
	Foot Path
	Guide Post or Board
	Mile Stone
	M.P. M.R. Mooring Post or Ring
	Police Call Box
	Pump
	Signal Post
	Sluice
	Spring
	Telephone Call Box
	Trough
	Well

Symbol	Description
	Slopes
	Top
	Cliff
	Rock
	Boulders
	Positioned Boulder
	Non-Coniferous Tree (surveyed)
	Non-Coniferous Trees (not surveyed)
	Orchard Tree
	Scrub
	Reeds
	Marsh, Saltings
	Rough Grassland
	Health
	Culvert
	Direction of water flow
	Triangulation Station
	Antiquity (site of)
	Electricity Transmission Line
	Pylon
	Barracks
	Battery
	Cemery
	Chy
	Chimney
	Cistern
	Dismtd Rly
	Electricity Generating Station
	EI Sub. Sta
	Electricity Sub Station
	Filter Eed
	Spring
	Signal Post or Light
	Tank or Track
	Trough
	Wind Pump
	W.P.C.W.T. Water Point, Water Tap
	Wks Works (building or area)
	Well

Symbol	Description
	Beer House
	Boundary Post or Stone
	Capstan, Crane
	Chimney
	Drinking Fountain
	Electricity Pillar or Post
	Fire Alarm Pillar
	Foot Bridge
	Guide Post
	Hydrant or Hydraulic
	Level Crossing
	Mannile
	Mile Post or Mooring Post
	Mile Stone
	Normal Tidal Limit
	Wind Pump
	Pillar, Pole or Post
	Post Office
	Public Convenience
	Pump
	Public House
	Signal Box or Bridge
	Signal Post or Light
	Spring
	Tank or Track
	Telephone Call Box
	Trough
	Telephone Call Post
	Well

Symbol	Description
	Cutting
	Embankment
	Road crossing Railway
	Level Crossing
	Road over single stream
	Road over River or Canal
	County Boundary (Geographical)
	County & Civil Parish Boundary
	Administrative County & Civil Parish Boundary
	County Borough Boundary (England)
	County Borough Boundary (Scotland)
	Boundary Post or Stone
	Bridle Road
	Electricity Pylon
	Foot Bridge
	Foot Path
	Guide Post or Board
	Mile Stone
	M.P. M.R. Mooring Post or Ring
	Police Call Box
	Pump
	Signal Post
	Sluice
	Spring
	Telephone Call Box
	Trough
	Well

Historical Map - Segment A13



Order Details

Order Number: 278658895_1_1
 Customer Ref: 74441
 National Grid Reference: 402810, 217230
 Slice: A
 Site Area (Ha): 1.33
 Search Buffer (m): 100

Site Details

Northfield Farm, Withington Road, Andoversford, GL54 4LL

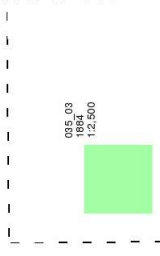
Symbol	Description
	Barracks
	Battery
	Cemery
	Chy
	Chimney
	Cistern
	Dismtd Rly
	Electricity Generating Station
	EI Sub. Sta
	Electricity Sub Station
	Filter Eed
	Spring
	Signal Post or Light
	Tank or Track
	Trough
	Wind Pump
	W.P.C.W.T. Water Point, Water Tap
	Wks Works (building or area)
	Well

Symbol	Description
	County boundary
	Boundary post/stone
	Boundary merging symbol (note: these always appear in opposed pairs or groups of three)
	Civil parish/community boundary
	District boundary
	County boundary
	Boundary post/stone
	Boundary merging symbol (note: these always appear in opposed pairs or groups of three)

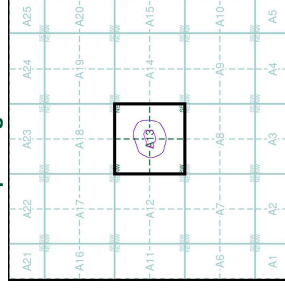
Symbol	Description
	B.P. B.S. Boundary Post or Stone
	B.R.
	E.P.
	F.B.
	F.P.
	G.P.
	M.S.
	M.P. M.R. Mooring Post or Ring
	Police Call Box
	Pump
	Signal Post
	Sluice
	Spring
	Telephone Call Box
	Trough
	Well

The historical maps shown were reproduced from maps predominantly held at the Ordnance Survey archives. The maps shown are based on the 1:2,500 scale as adopted for maps of urban areas and by 1886 in Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13

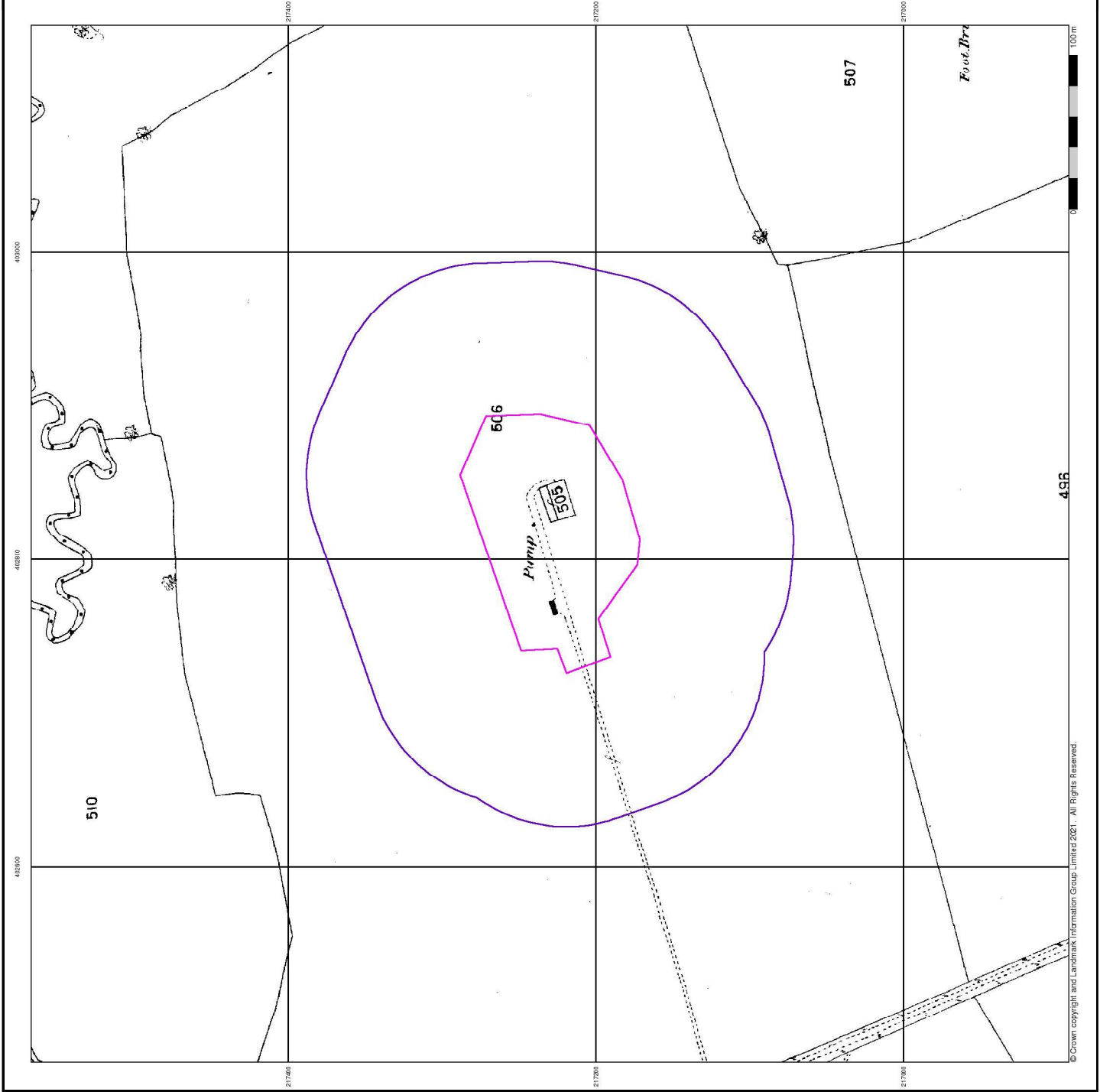


Order Details

Order Number: 278658895_L1
Customer Ref: 74441
National Grid Reference: 402810, 217230
Slice: A
Site Area (Ha): 1.33
Search Buffer (m): 100

Site Details

Northfield Farm, Withington Road, Andoversford, GL54 4LL



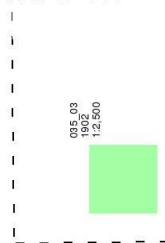


**Gloucestershire
Published 1902**

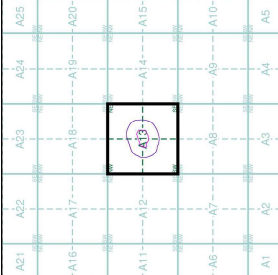
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the Ordnance Survey archives. Some maps were published in 1854 at the 1:2,500 scale and others were published for major urban areas and by 1886 in Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 278658895_L1
 Customer Ref: 74441
 National Grid Reference: 402810, 217230
 Slice: A
 Site Area (Ha): 1.33
 Search Buffer (m): 100

Site Details

Northfield Farm, Withington Road, Andoversford, GL54 4LL



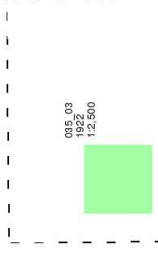
Tel: 0844 844 882
 Fax: 0844 844 885
 Web: www.envisirocheck.co.uk



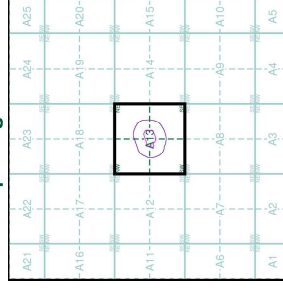
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the Ordnance Survey archives at Southampton. The first edition of the 1:2,500 scale was adopted for maps of urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 278658895_L1
Customer Ref: 74441
National Grid Reference: 402810, 217230
Slice: A
Site Area (Ha): 1.33
Search Buffer (m): 100

Site Details

Northfield Farm, Withington Road, Andoversford, GL54 4LL

