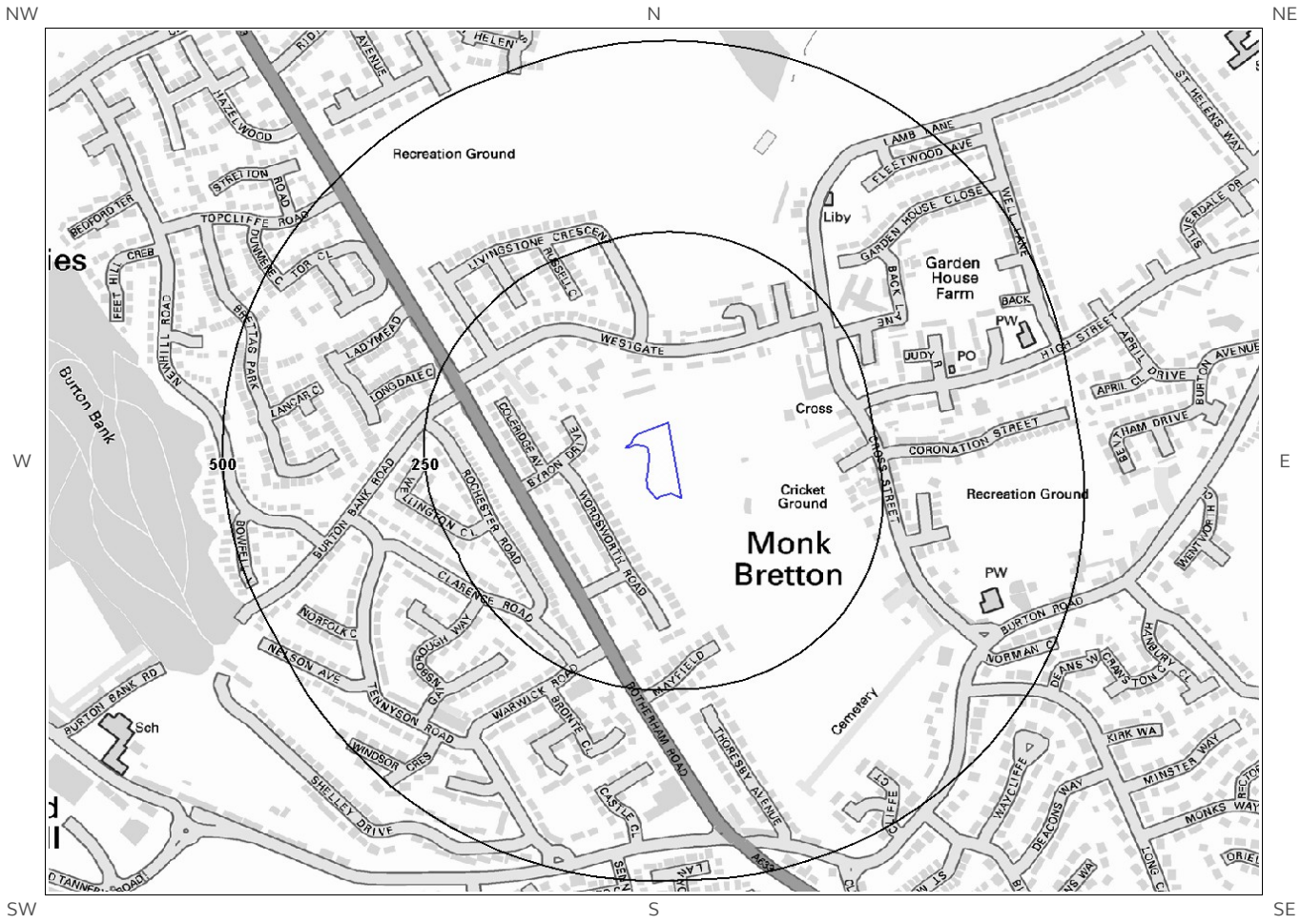
6d. Hydrogeology – Source Protection Zones within confined aquifer



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Site Outline

250 — 500 Search Buffers (m)

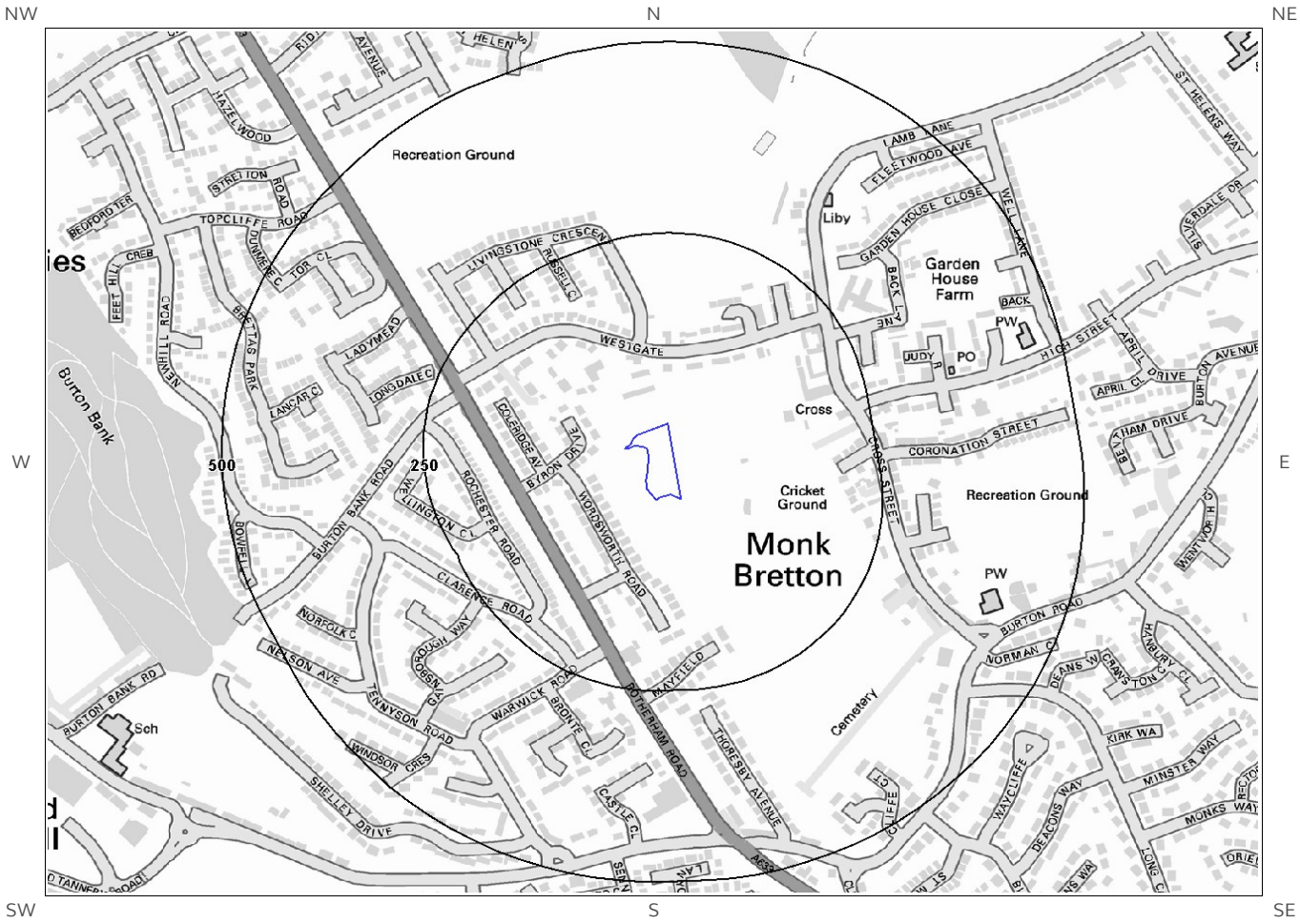
Source Protection Zone 1 - Inner Catchment

Source Protection Zone 2C - Outer Catchment within Confined Aquifer

Source Protection Zone 3C - Total Catchment within Confined Aquifer

Potable Water Abstraction Licence

6e. Hydrology – Detailed River Network and River Quality



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Site Outline

250
500
Search Buffers (m)

Primary River
Secondary River
Tertiary River
Lake/Reservoir
Underground River (inferred)
General Quality Assessment: Biology
General Quality Assessment: Chemistry

Canal
Canal Tunnel
Culvert
Multiple Channel Culvert
Underground River (Potential Sewer)
Underground River (local knowledge)

6.Hydrogeology and Hydrology

6.1 Aquifer within Superficial Deposits

Are there records of strata classification within the superficial geology at or in proximity to the property? No

Database searched and no data found.

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

6.2 Aquifer within Bedrock Deposits

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

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

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

ID	Distance (m)	Direction	Designation	Description
1	0	On Site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

6.3 Groundwater Abstraction Licences

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

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

ID	Distance (m)	Direction	NGR	Details	
Not shown	1457	SW	435336 406441	Status: Historical Licence No: NE/027/0008/014 Details: Spray Irrigation - Direct Direct Source: Groundwaters Point: Borehole - Coal Measures - Oakwell Road - Barnsley Data Type: Point Name: Barnsley Football Club 2002 Ltd	Annual Volume (m^3): 21400 Max Daily Volume (m^3): 100 Original Application No: NPS/WR/016056 Original Start Date: 29/6/2015 Expiry Date: 31/3/2029 Issue No: 1 Version Start Date: 29/6/2015 Version End Date:

6.4 Surface Water Abstraction Licences

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

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

ID	Distance (m)	Direction	NGR	Details	
Not shown	943	S	435710 406850	Status: Historical Licence No: 2/27/08/122 Details: Make-Up or Top Up Water Direct Source: Surface Water Point: River Dearne Data Type: Point Name: BARNSLEY METROPOLITAN BOROUGH COUNCIL	Annual Volume (m^3): 7800 Max Daily Volume (m^3): 86.6 Application No: 6891 Original Start Date: 7/10/1998 Expiry Date: 31/10/2006 Issue No: 101 Version Start Date: 1/8/2002 Version End Date:
Not shown	943	S	435710 406850	Status: Historical Licence No: 2/27/08/122 Details: Make-Up or Top Up Water Direct Source: Surface Water Point: River Dearne Data Type: Point Name: BARNSLEY METROPOLITAN BOROUGH COUNCIL	Annual Volume (m^3): - Max Daily Volume (m^3): - Application No: 6891 Original Start Date: 7/10/1998 Expiry Date: 31/10/2006 Issue No: 101 Version Start Date: 1/8/2002 Version End Date:
Not shown	943	S	435710 406850	Status: Active Licence No: 2/27/08/141 Details: Make-Up Or Top Up Water Direct Source: Surface Water Point: River Dearne Data Type: Point Name: BARNSLEY METROPOLITAN BOROUGH COUNCIL	Annual Volume (m^3): 7800 Max Daily Volume (m^3): 86.6 Application No: 8254 Original Start Date: 13/3/2007 Expiry Date: 31/3/2017 Issue No: 1 Version Start Date: 1/4/2008 Version End Date:

6.5 Potable Water Abstraction Licences

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

Database searched and no data found.

6.6 Source Protection Zones

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

Database searched and no data found.

6.7 Source Protection Zones within Confined Aquifer

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

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

Database searched and no data found.

6.8 Groundwater Vulnerability and Soil Leaching Potential

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

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

6.9 River Quality

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

6.9.1 Biological Quality:

Database searched and no data found.

6.9.2 Chemical Quality:

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

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

					Chemical Quality Grade				
ID	**Distance (m)**	**Direction**	**NGR**	**River Quality Grade**	**2005**	**2006**	**2007**	**2008**	**2009**
Not shown	785	S	435673 407028	River Name: River Dearne Reach: New Lodge Old Mill End/Start of Stretch: End of Stretch NGR	D	B	C	C	D
Not shown	1021	SW	435100 407200	River Name: River Dearne Reach: New Lodge Old Mill End/Start of Stretch: Sample Point NGR	D	B	C	C	D

6.10 Detailed River Network

Are there any Detailed River Network entries within 500m of the study site? No

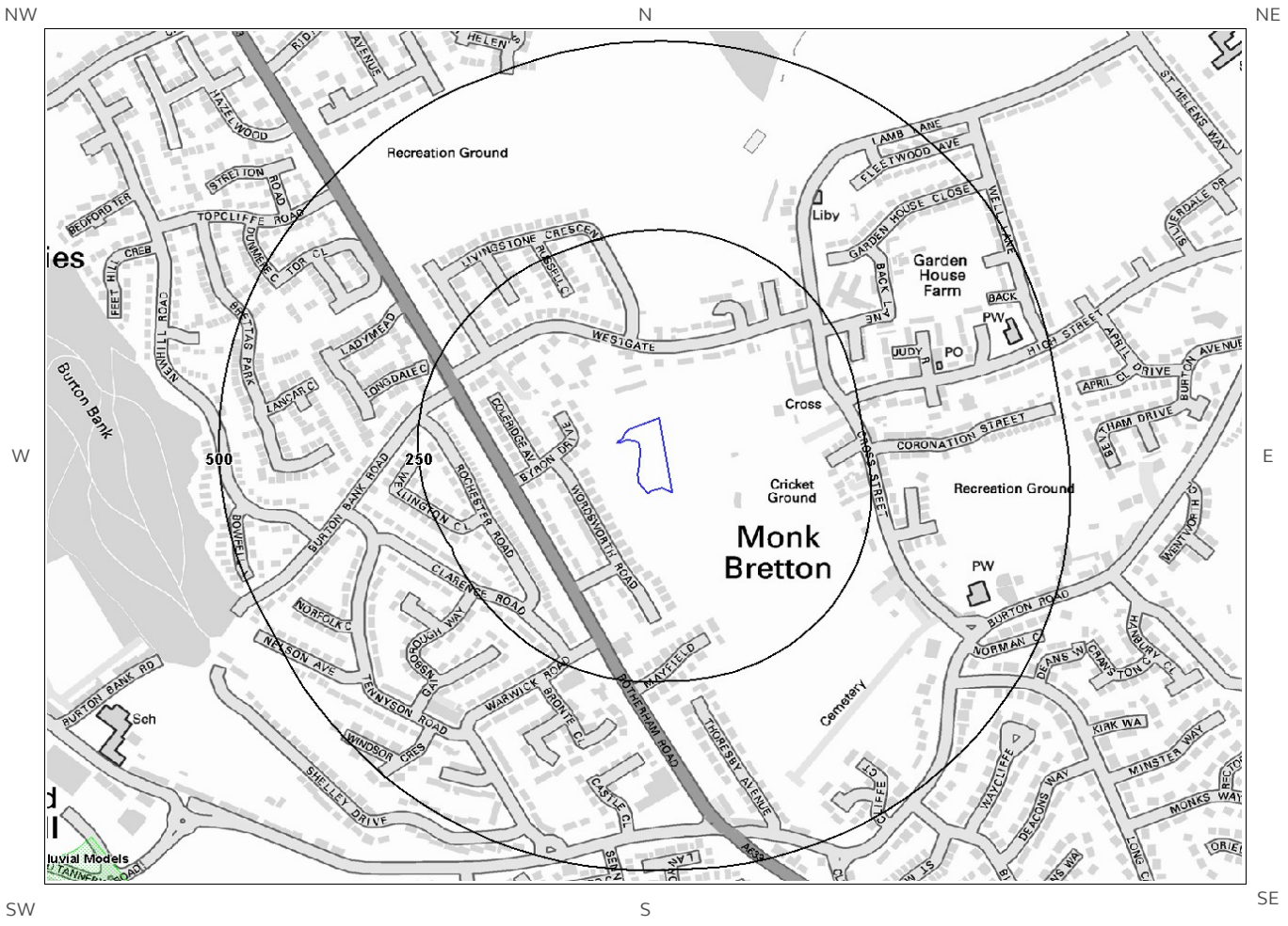
Database searched and no data found.

6.11 Surface Water Features

Are there any surface water features within 250m of the study site? No

Database searched and no data found.

7a. Environment Agency Flood Map for Planning (from rivers and the sea)



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Site Outline

100
250
Search Buffers (m)

Zone 2 Floodplain

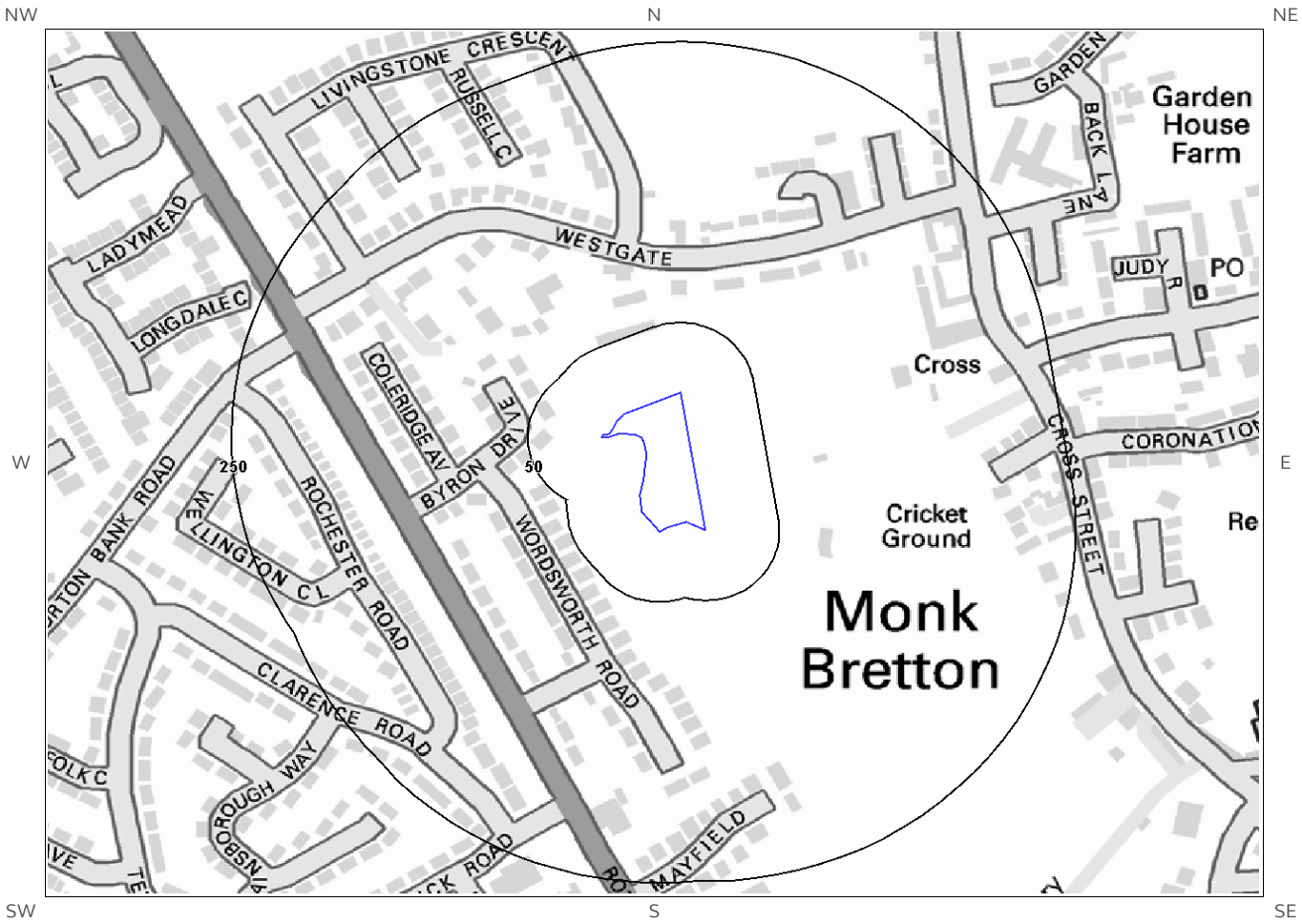
Zone 3 Floodplain

Flood Defences

Area used for Flood Storage

Area Benefiting from Flood Defences

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



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Site Outline

100
250
Search Buffers (m)

RoFRaS Rating

- Very Low
- Low
- Medium
- High

7 Flooding

7.1 River and Coastal Zone 2 Flooding

Is the site within 250m of an Environment Agency Zone 2 floodplain? No

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

Database searched and no data found.

7.2 River and Coastal Zone 3 Flooding

Is the site within 250m of an Environment Agency Zone 3 floodplain? No

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

Database searched and no data found.

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

What is the highest risk of flooding onsite? Very Low

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

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

7.4 Flood Defences

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

Database searched and no data found.

7.5 Areas benefiting from Flood Defences

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

7.6 Areas benefiting from Flood Storage

Are there any areas used for Flood Storage within 250m of the study site? No

7.7 Groundwater Flooding Susceptibility Areas

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

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

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

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

Limited potential

Where limited potential for groundwater flooding to occur is indicated, this means that although given the geological conditions there may be a groundwater flooding hazard, unless other relevant information, e.g. records of previous flooding, suggests groundwater flooding has occurred before in this area, you need take no further action in relation to groundwater flooding hazard.

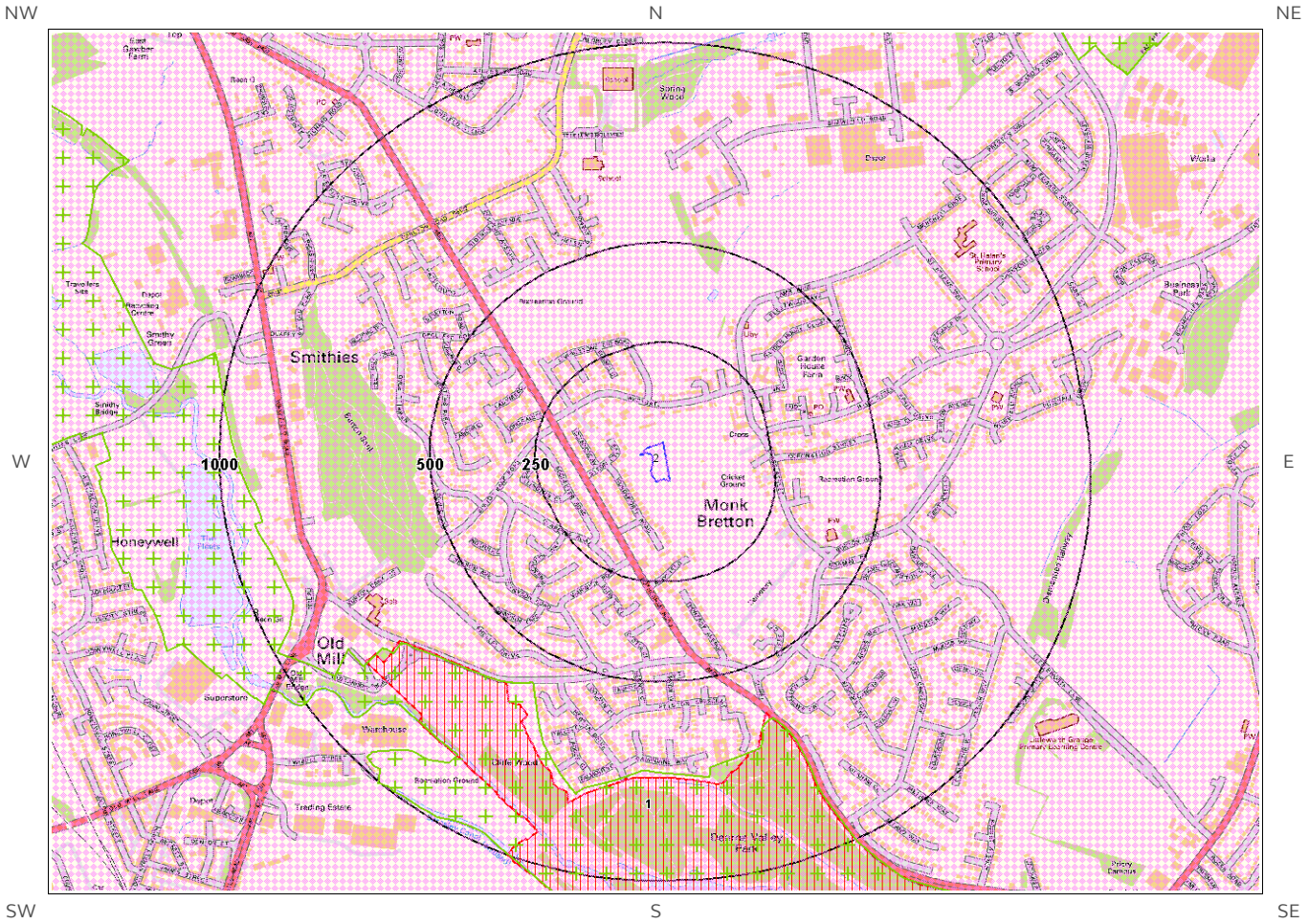
7.8 Groundwater Flooding Confidence Areas

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

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

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

8. Designated Environmentally Sensitive Sites Map



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Site Outline

100
250
Search Buffers (m)

AONB
National Park
SSSI
Special Protection Areas
Nitrate Vulnerable Zones
Green Belt
Environmentally Sensitive Areas
Special Areas of Conservation
World Heritage Sites
Nitrate Sensitive Areas
Ancient Woodland
National Nature Reserve
Local Nature Reserves
Ramsar Sites

8. Designated Environmentally Sensitive Sites

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

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

0

Database searched and no data found.

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

0

Database searched and no data found.

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

0

Database searched and no data found.

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

0

Database searched and no data found.

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

0

Database searched and no data found.

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

0

Database searched and no data found.

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

1

The following Local Nature Reserve (LNR) records provided by Natural England/Natural Resources Wales are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	LNR Name	Data Source
1	617	SW	Dearne Valley Park	Natural England

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

0

Database searched and no data found.

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

0

Database searched and no data found.

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

0

Database searched and no data found.

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

0

Database searched and no data found.

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

0

Database searched and no data found.

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

1

The following Nitrate Vulnerable Zone records produced by DEFRA are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	NVZ Name	Data Source
2	0	On Site	Existing	DEFRA

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

2

Green Belt data contains Ordnance Survey data © Crown copyright and database right [2015].

ID	Distance	Direction	Green Belt Name	Local Authority Name
3	583	SW	Liverpool, Manchester and West Yorks Greenbelt	Barnsley District (B)
Not shown	1611	N	Liverpool, Manchester and West Yorks Greenbelt	Barnsley District (B)

9. Natural Hazards Findings

9.1 Detailed BGS GeoSure Data

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

9.1.1 Shrink Swell

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

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

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

9.1.2 Landslides

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

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

Hazard
Significant potential for slope instability with relatively small changes in ground conditions. Avoid large amounts of water entering the ground through pipe leakage or soak-aways. Do not undercut or place large amounts of material on slopes without technical advice. For new build consider the potential and consequences of ground movement during excavations, or consequence of changes to loading or drainage. For existing property probable increase in insurance risk is likely due to potential natural slope instability after changes to ground conditions such as a very long, excessively wet winter.

9.1.3 Soluble Rocks

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

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

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

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

9.1.4 Compressible Ground

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

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

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

9.1.5 Collapsible Rocks

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

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

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

9.1.6 Running Sand

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

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

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

9.2 Radon

9.2.1 Radon Affected Areas

Is the property in a Radon Affected Area as defined by the Health Protection Agency (HPA) and if so what percentage of homes are above the Action Level? The property is in a Radon Affected Area, as between 1 and 3% of properties are above the Action Level.

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

9.2.2 Radon Protection

Is the property in an area where Radon Protection are required for new properties or extensions to existing
ones as described in publication BR211 by the Building Research Establishment? No radon protective measures are necessary.

10. Mining

10.1 Coal Mining

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

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

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

10.2 Non-Coal Mining

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

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

Distance (m)	Direction	Name	Commodity	Assessment of likelihood
0.0	On Site	Sheffield Area	Vein Mineral/Iron ore	Localised small scale underground mining may have occurred. Potential for difficult ground conditions are unlikely or localised and are at a level where they need not be considered
48.0	SW	Not available	Iron Ore (Bedded)	Localised small scale underground mining may have occurred. Potential for difficult ground conditions are unlikely or localised and are at a level where they need not be considered

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

10.3 Brine Affected Areas

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

Contact Details

Groundsure Helpline
Telephone: 08444 159 000
info@groundsure.com

British Geological Survey Enquiries
Kingsley Dunham Centre
Keyworth, Nottingham NG12 5GG
Tel: 0115 936 3143.
Fax: 0115 936 3276.
Email:
Web:**www.bgs.ac.uk**
BGS Geological Hazards Reports and general geological enquiries:
enquiries@bgs.ac.uk

Environment Agency
National Customer Contact Centre, PO Box 544
Rotherham, S60 1BY
Tel: 08708 506 506
Web:**www.environment-agency.gov.uk**
Email:**enquiries@environment-agency.gov.uk**

Public Health England
Public information access office
Public Health England, Wellington House
133-155 Waterloo Road, London, SE1 8UG
www.gov.uk/phe
Email:**enquiries@phe.gov.uk**
Main switchboard**: 020 7654 8000**

The Coal Authority
200 Lichfield Lane
Mansfield
Notts NG18 4RG
Tel: 0345 7626 848
DX 716176 Mansfield 5
www.coal.gov.uk

Ordnance Survey
Adanac Drive, Southampton
SO16 0AS
Tel: 08456 050505

Local Authority
Authority: Barnsley Metropolitan Borough Council
Phone: 01226 770770
Web: http://www.barnsley.gov.uk/
Address: PO Box 634, Barnsley, South Yorkshir, S70 9GG

Gemapping PLC
Virginia Villas, High Street, Hartley Witney,
Hampshire RG27 8NW
Tel: 01252 845444

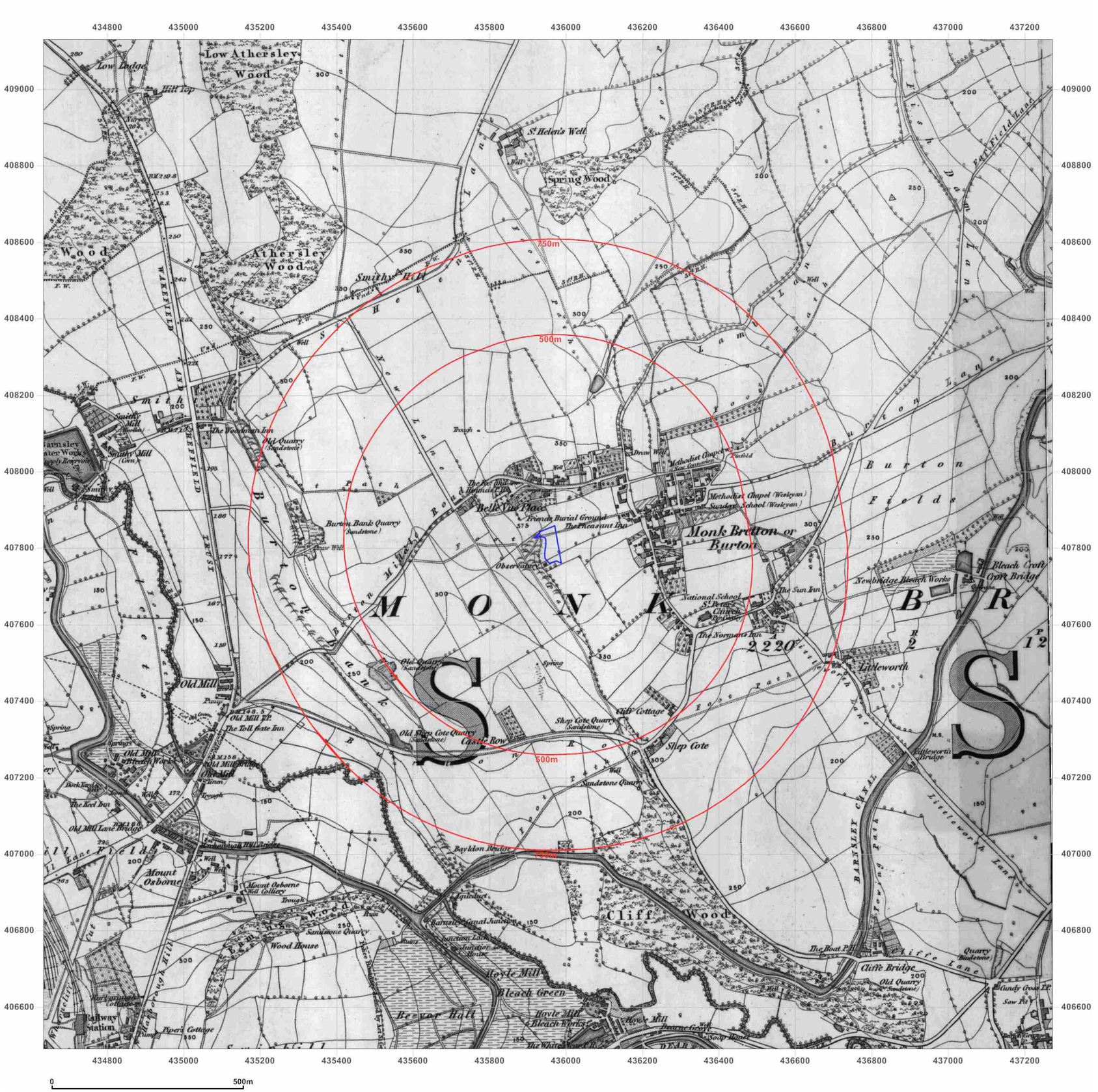
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Standard Terms and Conditions

Groundsure's Terms and Conditions can be viewed online at this link:
https://www.groundsure.com/terms-and-conditions-sept-2016

APPENDIX 2

HISTORICAL MAPS



Groundsure INSIGHTS

Site Details:

LAND AT MONK BRETTON,
CROSS STREET, MONK
BRETTON, BARNSLEY, S71 2DJ

Client Ref: J3707_16_EDS
Report Ref: GS-3450171
Grid Ref: 435952, 407810

Map Name: County Series

Map date: **1850-1854**

Scale: 1:10,560

Printed at: 1:10,560

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Surveyed 1851
Revised N/A
Edition 1855
Copyright N/A
Levelled N/A

Surveyed 1850
Revised N/A
Edition 1854
Copyright N/A
Levelled N/A

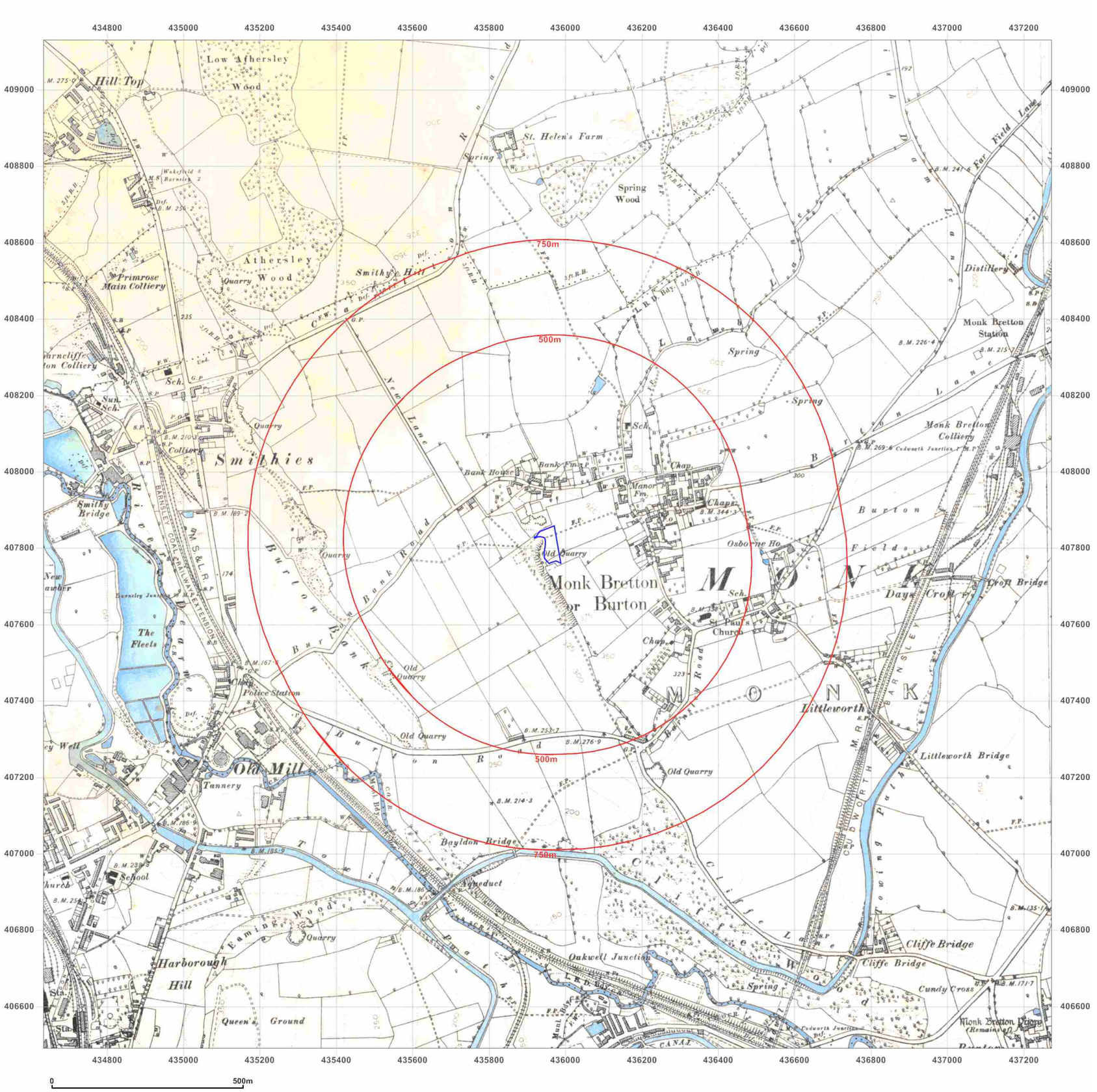
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Groundsure Insights
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Production date: 15 November 2016

To view map legend click here *Legend*



Groundsure INSIGHTS

Site Details:

LAND AT MONK BRETTON,
CROSS STREET, MONK
BRETTON, BARNSLEY, S71 2DJ

Client Ref: J3707_16_EDS
Report Ref: GS-3450171
Grid Ref: 435952, 407810

Map Name: County Series

Map date: **1890-1894**

Scale: 1:10,560

Printed at: 1:10,560

N
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Surveyed 1890
Revised 1890
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1890
Revised N/A
Edition 1894
Copyright N/A
Levelled N/A

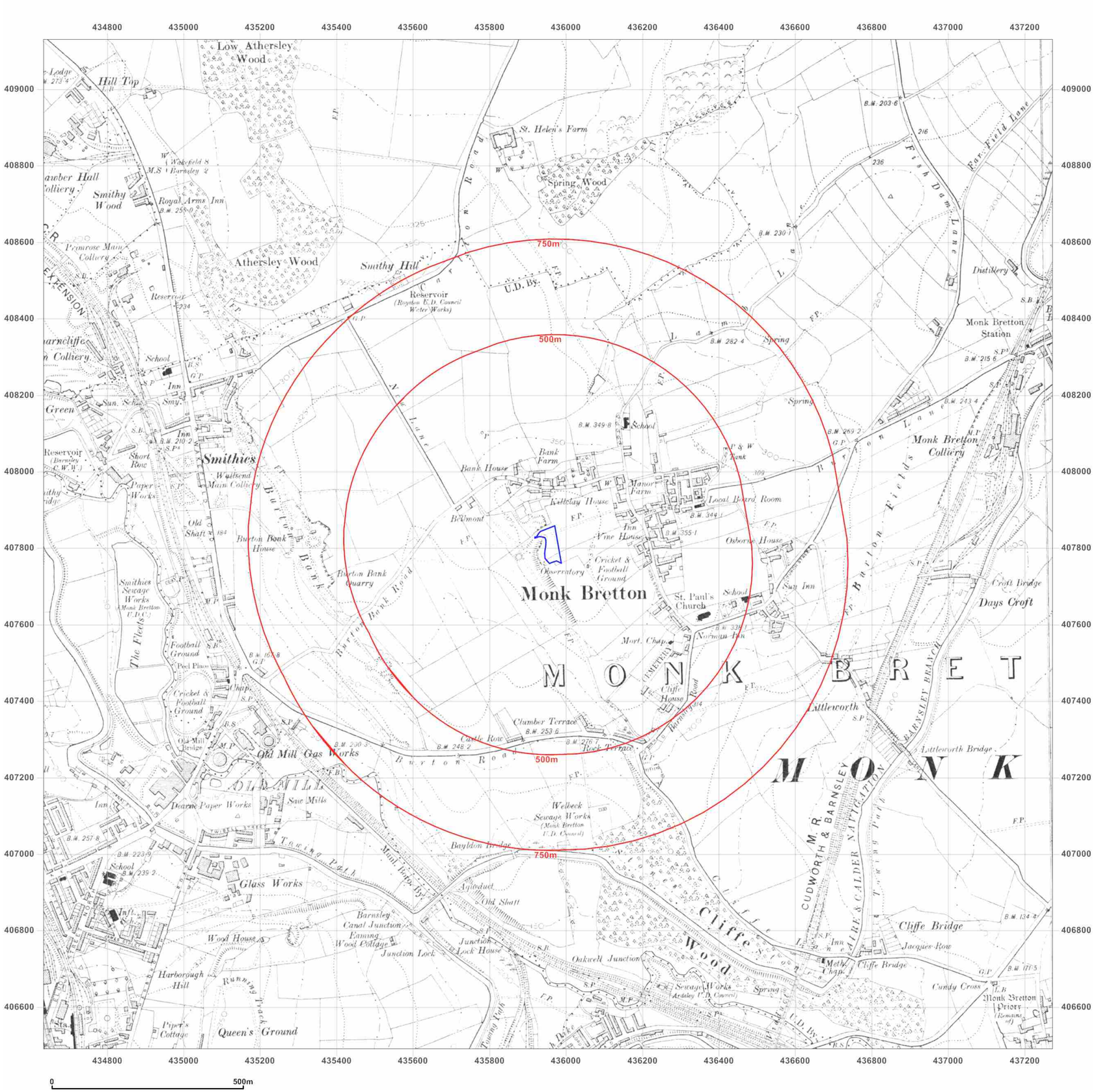
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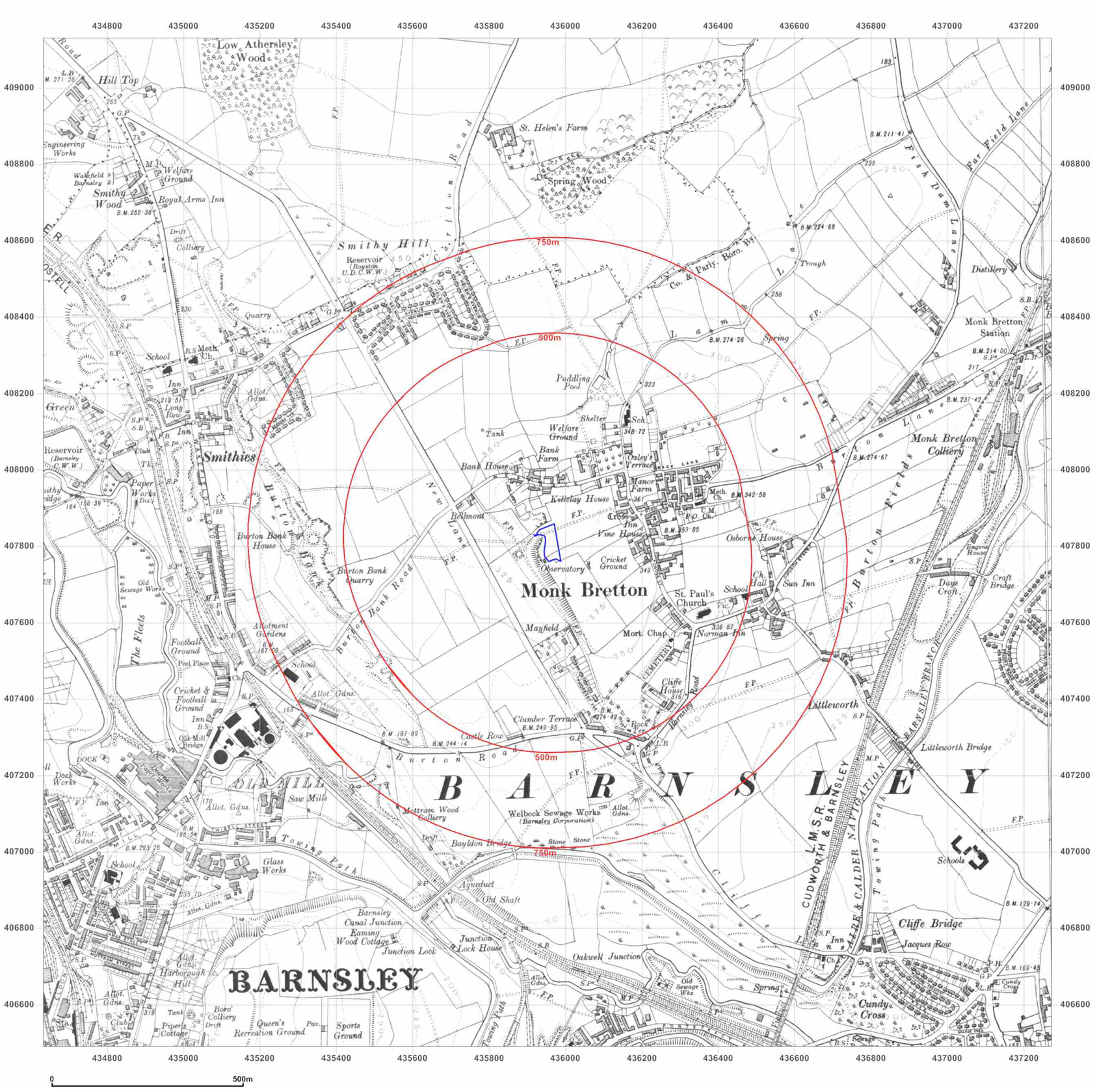
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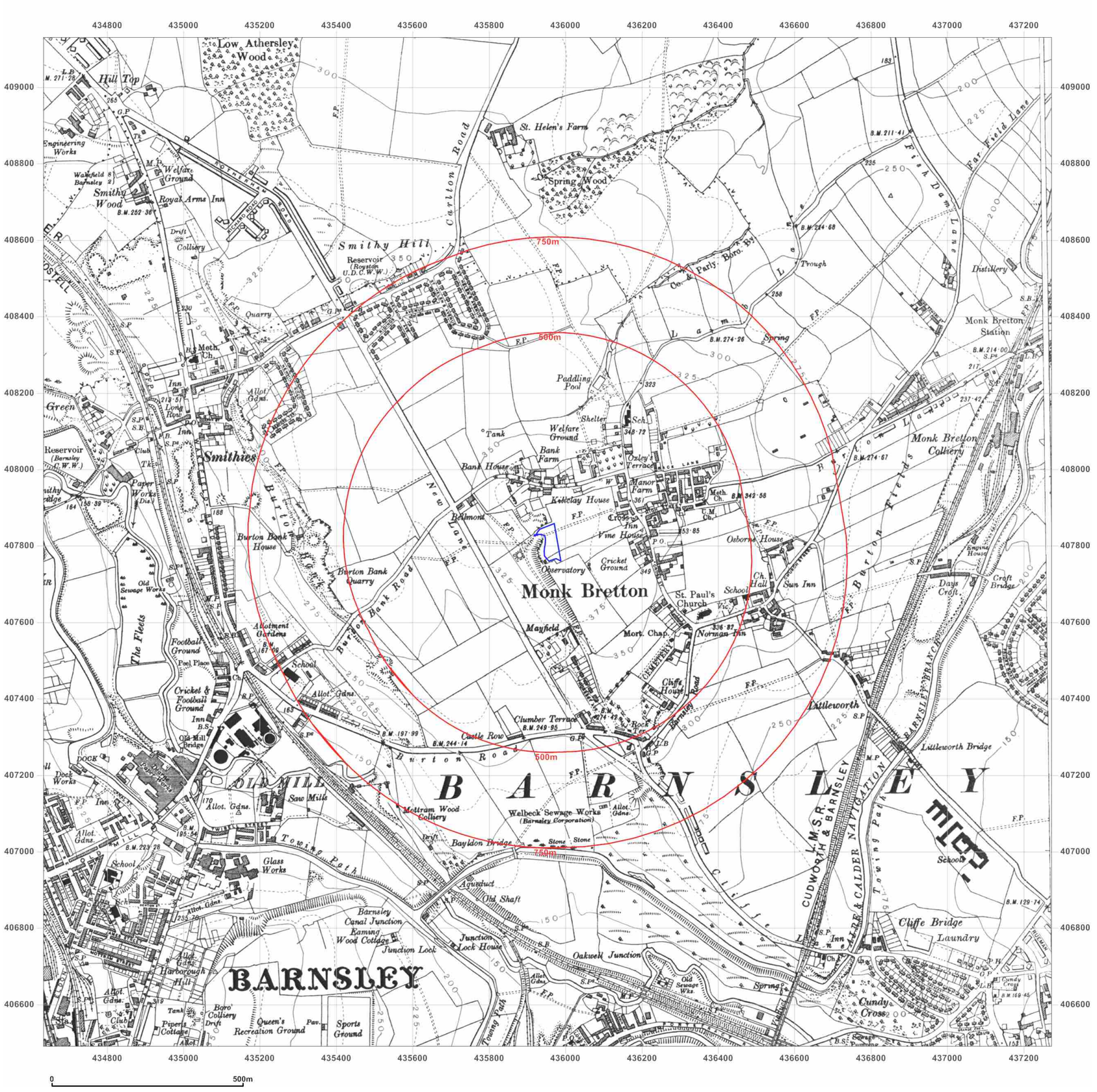
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Production date: 15 November 2016

To view map legend click here *Legend*


750m
500m
750m
500m
Monk Bretton
M O N K B R E T
M O N K
Low Athersley Wood
Athersley Wood
Smithy Wood
Spring Wood
Smithy Hill
Reservoir
Smithies
Monk Bretton Colliery
Monk Bretton Station
Bank Farm
Bank House
Manor Farm
Kittelay House
Vine House
Osborne House
Local Board Room
St. Helen's Farm
St. Paul's Church
Cricket & Football Ground
Observatory
Burton Bank Quarry
Old Mill Gas Works
Wellbeck Sewage Works
Glass Works
Barnsley Canal Junction
Junction Lock
Oakwell Junction
Cliffe Wood
Cliffe Bridge
Cundy Cross
Monk Bretton Priory
Days Croft
Croft Bridge
Littleworth
Littleworth Bridge
Clumber Terrace
Rock Terrace
Castle Row
Baylidon Bridge
Aqueduct
Old Shaft
Wood House
Harborough Hill
Queen's Ground
Smithies Sewage Works
Football Ground
Cricket & Football Ground
Old Mill Bridge
Dearne Paper Works
Saw Mills
Paper Works
Short Row
Wellsend Main Colliery
Primrose Main Colliery
Royal Arms Inn
Sun Inn
Norman Inn
Meth. Chap.
Chapel
School
Inn
Reservoir
Spring
Distillery
Fish Dam Lane
Far Field Lane
Bank Top Fields
Burton Road
Barnsley Road
Bank Lane
Tanning Path
Mount Bridge Dyke
Cliffe Lane
Jacques Row
Cliffe House
Pipers Cottage
Running Track
Eaming Wood Cottage
Lock House
Sewage Works
Wellbeck Sewage Works
Old Mill
Smithies
Monk Bretton
Monk
Cliffe Wood
Monk Bretton Priory
Reservoir
Reservoir
Reservoir


750m
500m
500m
750m
Monk Bretton
B A R N S L E Y
BARNSLEY
Smithies
Smithy Hill
Reservoir (Royston U.D.C.W.W.)
Low Athersley Wood
Hill Top
Smithy Wood
Royal Arms Inn
Welfare Ground
St. Helen's Farm
Spring Wood
Monk Bretton Station
Monk Bretton Colliery
Distillery
Paddling Pool
Welfare Ground
Bank Farm
Bank House
Kelketlay House
Manor Farm
Vine House
Cross Inn
Osborne House
Observatory
Cricket Ground
Sun Inn
St. Paul's Church
Mayfield
Mort. Chap.
Norman Inn
Littleworth
Littleworth Bridge
Cliffe Bridge
Jacques Rose
Cundy Cross
Days Croft
Croft Bridge
Schools
Burton Bank House
Burton Bank Quarry
Burton Bank Road
Cricket & Football Ground
Old Mill Bridge
Old Mill Saw Mills
Dock Works
Glass Works
Mottram Wood Colliery
Welbeck Sewage Works (Barnsley Corporation)
Bayldon Bridge
Aqueduct
Old Shaft
Barnsley Canal Junction
Eamsing Wood Cottage
Junction Lock
Junction Lock House
Oakwell Junction
Harborough Hill
Queen's Recreation Ground
Sports Ground
Boro' Colliery
Peel Place
Football Ground
Cliffe House
Clumber Terrace
Castle Row
Barnsley Road
Burton Road
New Lane
Towing Path
Cliffe Lane
Fish Dam Lane
Far Field Lane
Burton Fields Lane
Cross Street
Trough
Spring
Quarry
Drift Colliery
Allot. Gdns.
Meth. Ch.
School
Inn
Club
Paper Works
Old Sewage Works
The Fleets
Engineering Works
Wakefield Barnsley
Reservoir (Barnsley C.W.W.)
Dock
Stone
Tank
Shelter
Sch.
Ch.
Ch. Hall
Vic.
Rock
Engine House
Croft Bridge
Littleworth Bridge
Cundy Cross
Cliffe Bridge
Jacques Rose
Schools
Sun Inn
Norman Inn
Mort. Chap.
Mayfield
Oakwell Junction
Junction Lock House
Junction Lock
Barnsley Canal Junction
Eamsing Wood Cottage
Aqueduct
Old Shaft
Bayldon Bridge
Mottram Wood Colliery
Welbeck Sewage Works
Glass Works
Saw Mills
Old Mill
Dock Works
Old Mill Bridge
Cricket & Football Ground
Peel Place
Football Ground
Boro' Colliery
Queen's Recreation Ground
Sports Ground
Harborough Hill
Barnsley Canal Junction
Eamsing Wood Cottage
Junction Lock
Junction Lock House
Oakwell Junction



Groundsure INSIGHTS

Site Details:

LAND AT MONK BRETTON,
CROSS STREET, MONK
BRETTON, BARNSLEY, S71 2DJ

Client Ref: J3707_16_EDS
Report Ref: GS-3450171
Grid Ref: 435952, 407810

Map Name: County Series

Map date: **1938**

Scale: 1:10,560

Printed at: 1:10,560

N
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Surveyed 1851
Revised 1938
Edition 1938
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Surveyed 1850
Revised 1938
Edition N/A
Copyright N/A
Levelled N/A

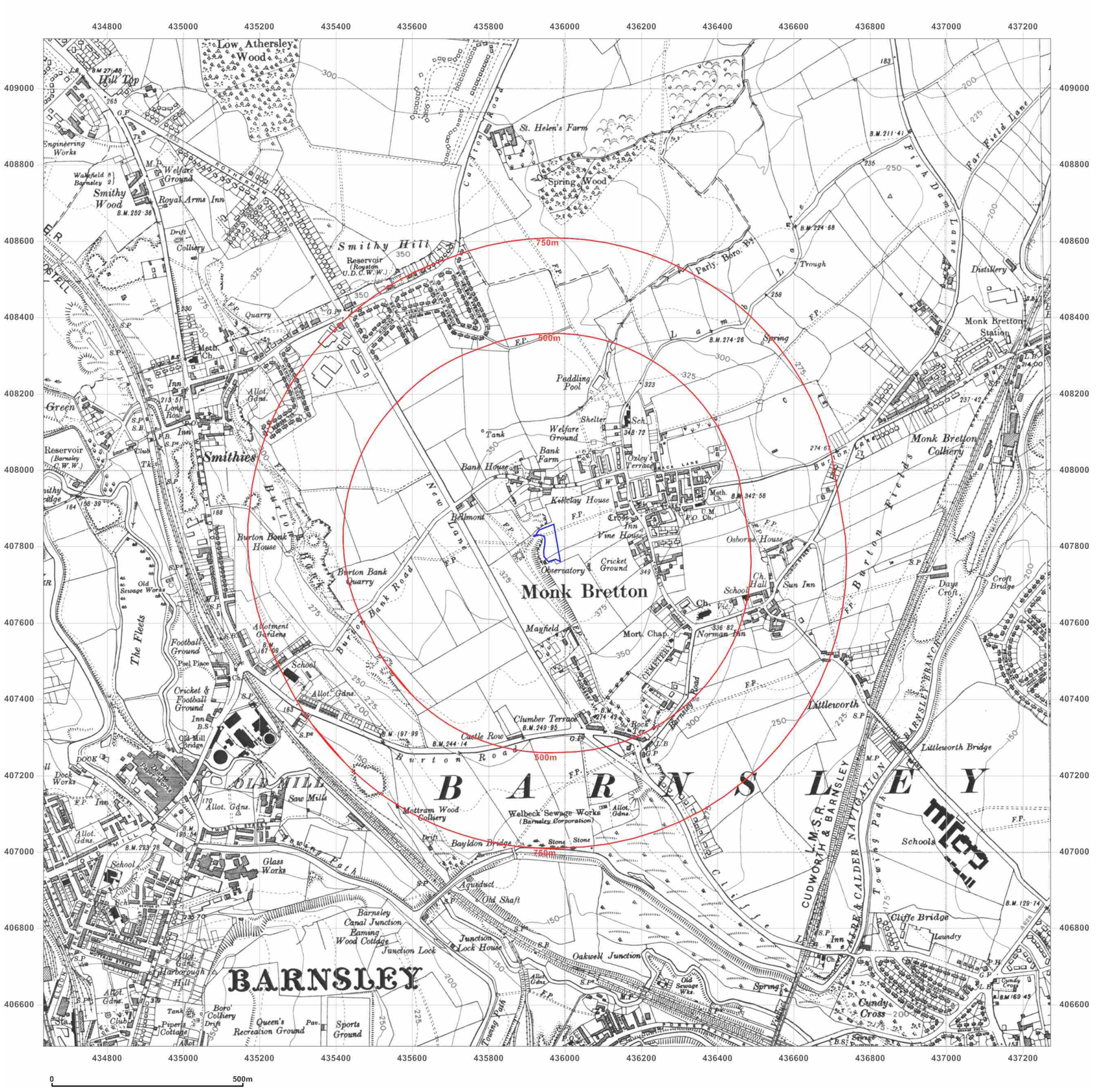
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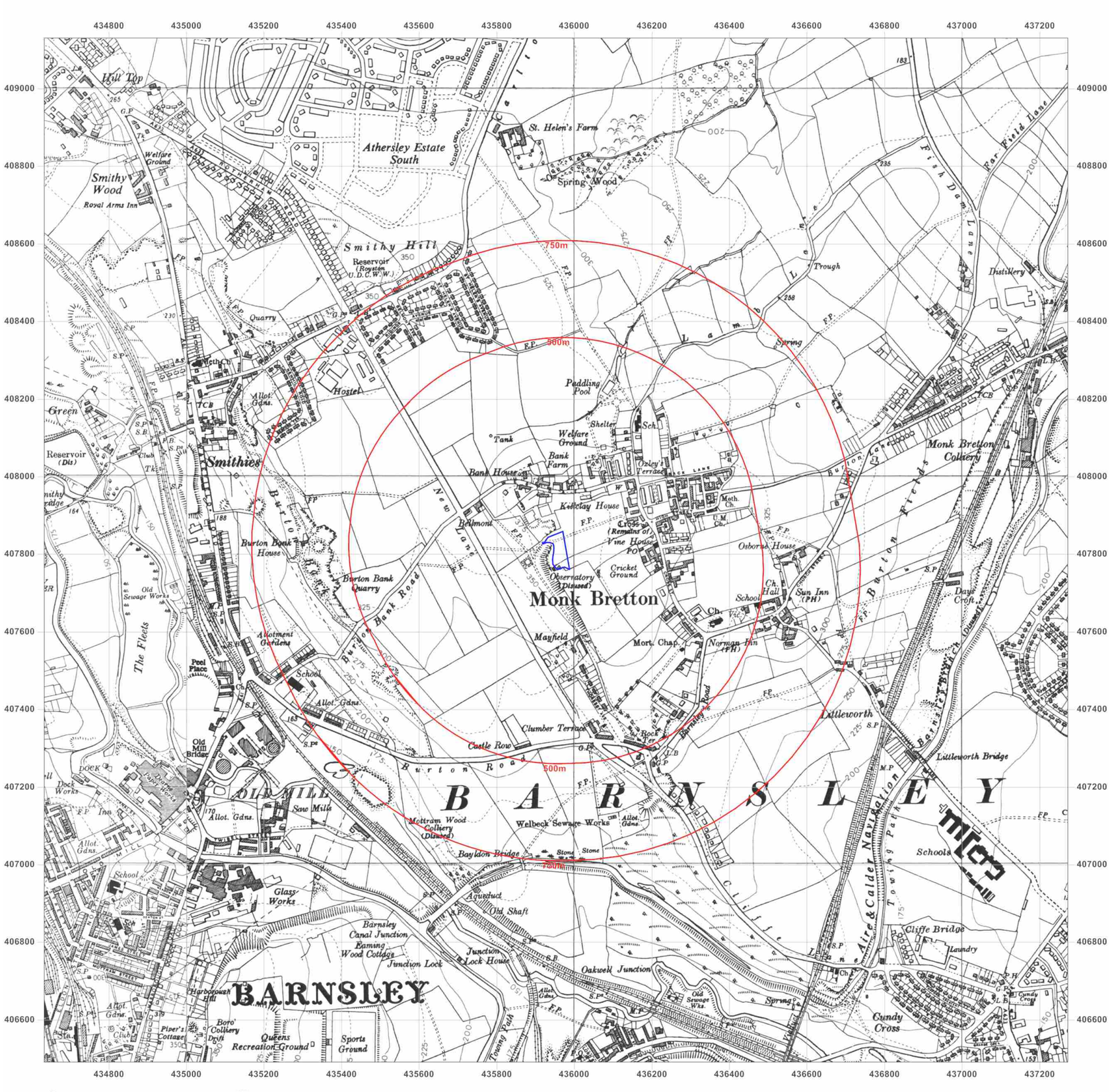
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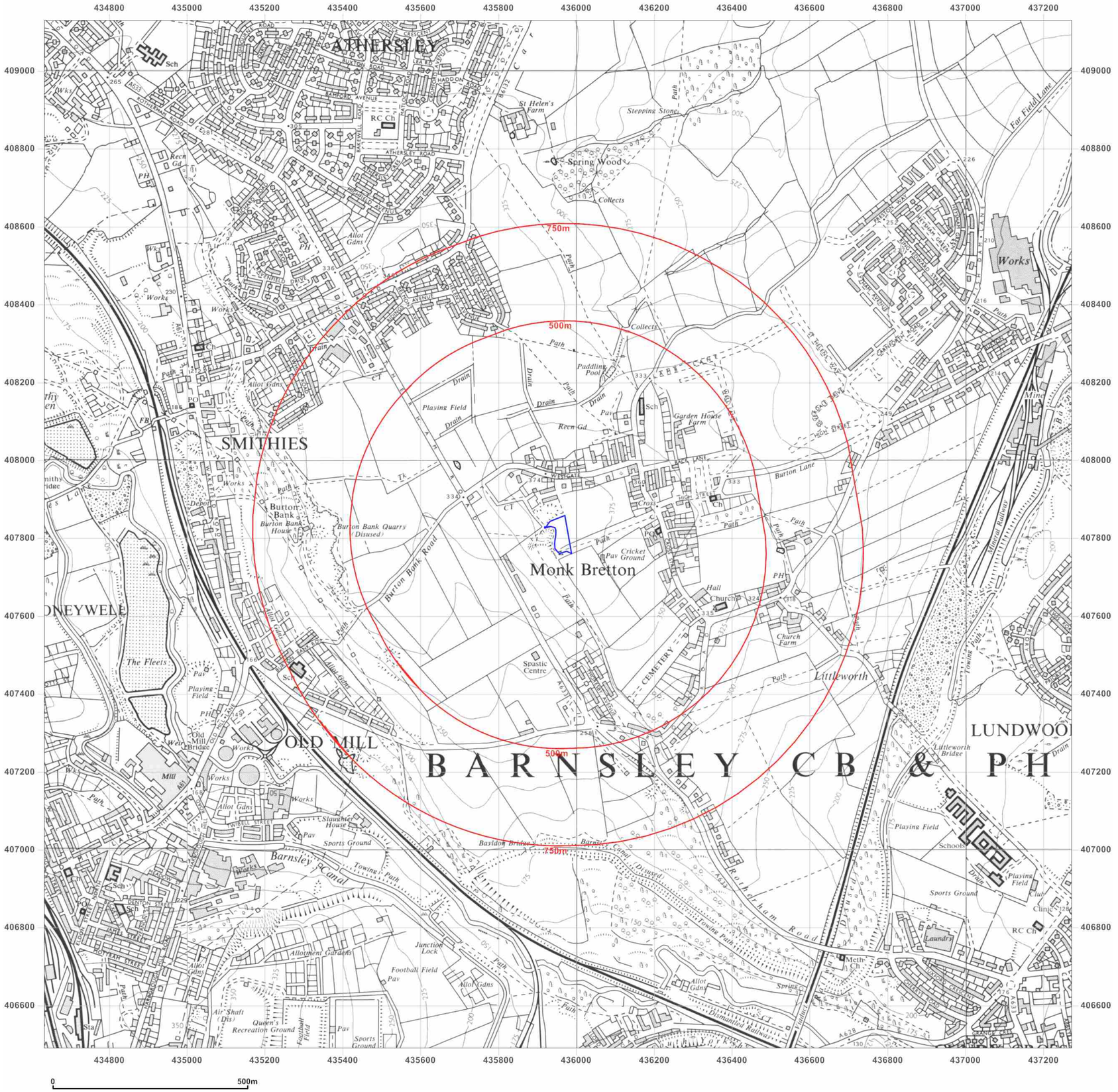
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Production date: 15 November 2016

To view map legend click here *Legend*


750m
500m
250m
Monk Bretton
BARNSLEY
Smithies
Smithy Hill
Reservoir (Royston U.D.C.W.W.)
Low Athersley Wood
Hill Top
Smithy Wood
Royal Arms Inn
Drift Colliery
St. Helen's Farm
Spring Wood
Fish Dam Lane
Far Field Lane
Distillery
Monk Bretton Station
Monk Bretton Colliery
Paddling Pool
Welfare Ground
Bank Farm
Bank House
Kellaby House
Bellmont
Cross Inn
Vine House
Osborne House
Observatory
Cricket Ground
Burton Bank House
Burton Bank Quarry
Burton Bank Road
New Lane
Mayfield
Mort. Chap.
Norman Inn
Sun Inn
School
Ch. Hall
Days Croft
Croft Bridge
Littleworth
Littleworth Bridge
Clumber Terrace
Castle Row
Barnsley Road
Burton Road
Old Mill
Saw Mills
Mottram Wood Colliery
Welbeck Sewage Works (Barnsley Corporation)
Bayldon Bridge
Glass Works
Aqueduct
Old Shaft
Barnsley Canal Junction
Eamsing Wood Cottage
Junction Lock
Junction Lock House
Oakwell Junction
Cliffe Bridge
Laundry
Cundy Cross
Schools
Cudworth, M.S.R. & Barnsley, Barnsley & Calder Navigation
Barsley Branch
Towing Path
Cliffe
Harborough Hill
Boro' Colliery Drift
Queen's Recreation Ground
Sports Ground
Cricket & Football Ground
Football Ground
The Fleets
Allotment Gardens
Old Sewage Works
Sewage Works
Spring
Trough
Parly. Boro. Bdy.
Quarry
Meth. Ch.
Ch.
Sch.
Inn
Club
Tank
Pumping Station
Pinfold
Pipers Cottage
Pavilion
Allot. Gdns.
Long Row
Green
Reservoir (Barnsley C.W.W.)
Wakefield 8 Barnsley 2
Engineering Works
Welfare Ground
Colliery
Distillery
Trough
Spring
Quarry
Inn
Tank
Shelter
Sch.
Meth. Ch.
Ch.
Ch. Vic.
Ch. Hall
Mort. Chap.
Cemetery
Pinfold
Pumping Station
Old Mill Bridge
Littleworth Bridge
Cliffe Bridge
Cundy Cross
Croft Bridge
Days Croft
Monk Bretton Station
Monk Bretton Colliery
Burton Road
Barnsley Road
Castle Row
Clumber Terrace
Bayldon Bridge
Mottram Wood Colliery
Welbeck Sewage Works (Barnsley Corporation)


750m
500m
500m
Monk Bretton
B A R N S L E Y
BARNSLEY
Hull Top
Smithy Wood
Royal Arms Inn
Athersley Estate South
St. Helen's Farm
Spring Wood
Smithy Hill
Reservoir (Royston U.D.C.W.W.)
Quarry
Hostel
Green
Reservoir (Dis)
Smithies
Paddling Pool
Welfare Ground
Bank Farm
Bank House
Kelketlay House
Bellmont
Cross (Remains of)
Vine House
Observatory (Disused)
Cricket Ground
Burton Bank House
Burton Bank Quarry
Burton Bank Road
Allotment Gardens
Peel Place
School
Old Mill Bridge
OLD MILL
Saw Mills
Mottram Wood Colliery (Disused)
Welbeck Sewage Works
Baylden Bridge
Glass Works
Barnsley Canal Junction
Eaming Wood Cottage
Junction Lock
Junction Lock House
Aqueduct
Old Shaft
Oakwell Junction
Harborough Hill
Boro' Colliery Drift
Piper's Cottage
Queens Recreation Ground
Sports Ground
Old Sewage Works
The Fleets
Clumber Terrace
Castle Row
Mayfield
Mort. Chap.
Norman Inn (PH)
Sun Inn (PH)
Ch. Hall
Osborne House
Monk Bretton Colliery
Littleworth
Littleworth Bridge
Schools
Cliff Bridge
Laundry
Cundy Cross
Fish Dam Lane
Far Field Lane
Distillery
Trough
Spring
Fields
Towing Path
Aire & Calder Navigation
Barnsley Canal
Barnsley Road
Burton Road
Burton Fields
Cliffe
Lane
Welfare Ground
Allot. Gdns.
Moth. Ch.
Sch.
Shelter
Tank
Ozley's Terrace
Meth. Ch.
Club
TCB
Stone
Stone
Bridge
Day's Croft
Ch.
Mort. Chap.
Rock Ter.
Sta.
Inn
Works
Yard
Dock
Tunnel
Aqueduct
Spring
Cundy Cross
Old Sewage Wks.
Allot. Gdns.
Sports Ground
Recreation Ground
Colliery Drift
Piper's Cottage
Club
Harborough Hill
Glass Works
Old Mill Bridge
Peel Place
Burton Bank House
Burton Bank Quarry
Old Sewage Works
Allotment Gardens
Mayfield



Groundsure INSIGHTS

Site Details:

LAND AT MONK BRETTON,
CROSS STREET, MONK
BRETTON, BARNSLEY, S71 2DJ

Client Ref: J3707_16_EDS
Report Ref: GS-3450171
Grid Ref: 435952, 407810

Map Name: Provisional

Map date: **1966**

Scale: 1:10,560

Printed at: 1:10,560

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Surveyed 1966
Revised 1966
Edition N/A
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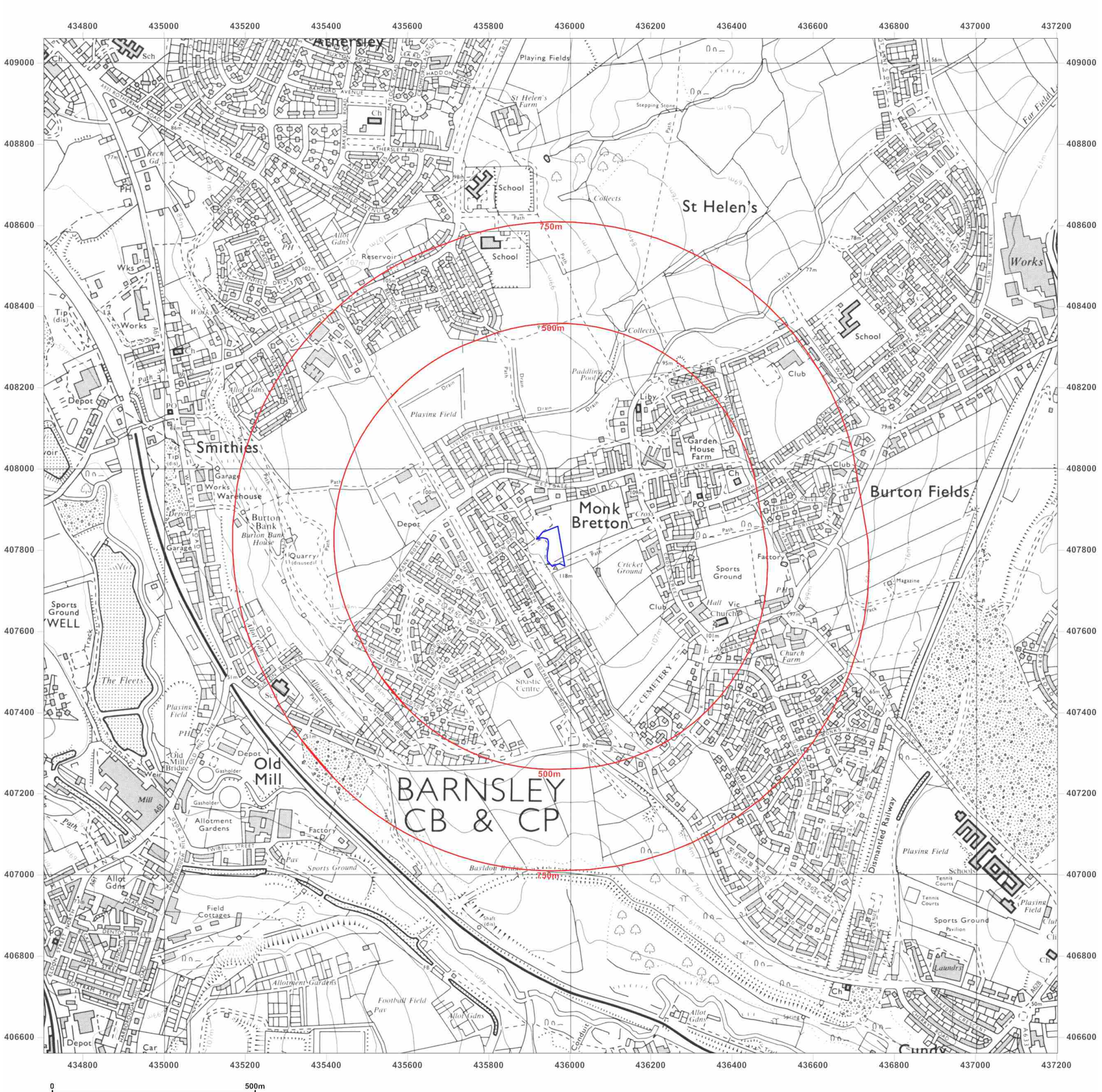
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Site Details:

LAND AT MONK BRETTON,
CROSS STREET, MONK
BRETTON, BARNSLEY, S71 2DJ

Client Ref: J3707_16_EDS
Report Ref: GS-3450171
Grid Ref: 435952, 407810

Map Name: National Grid

Map date: **1973-1974**

Scale: 1:10,000

Printed at: 1:10,000

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Edition N/A
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Surveyed 1974
Revised 1974
Edition N/A
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Levelled N/A

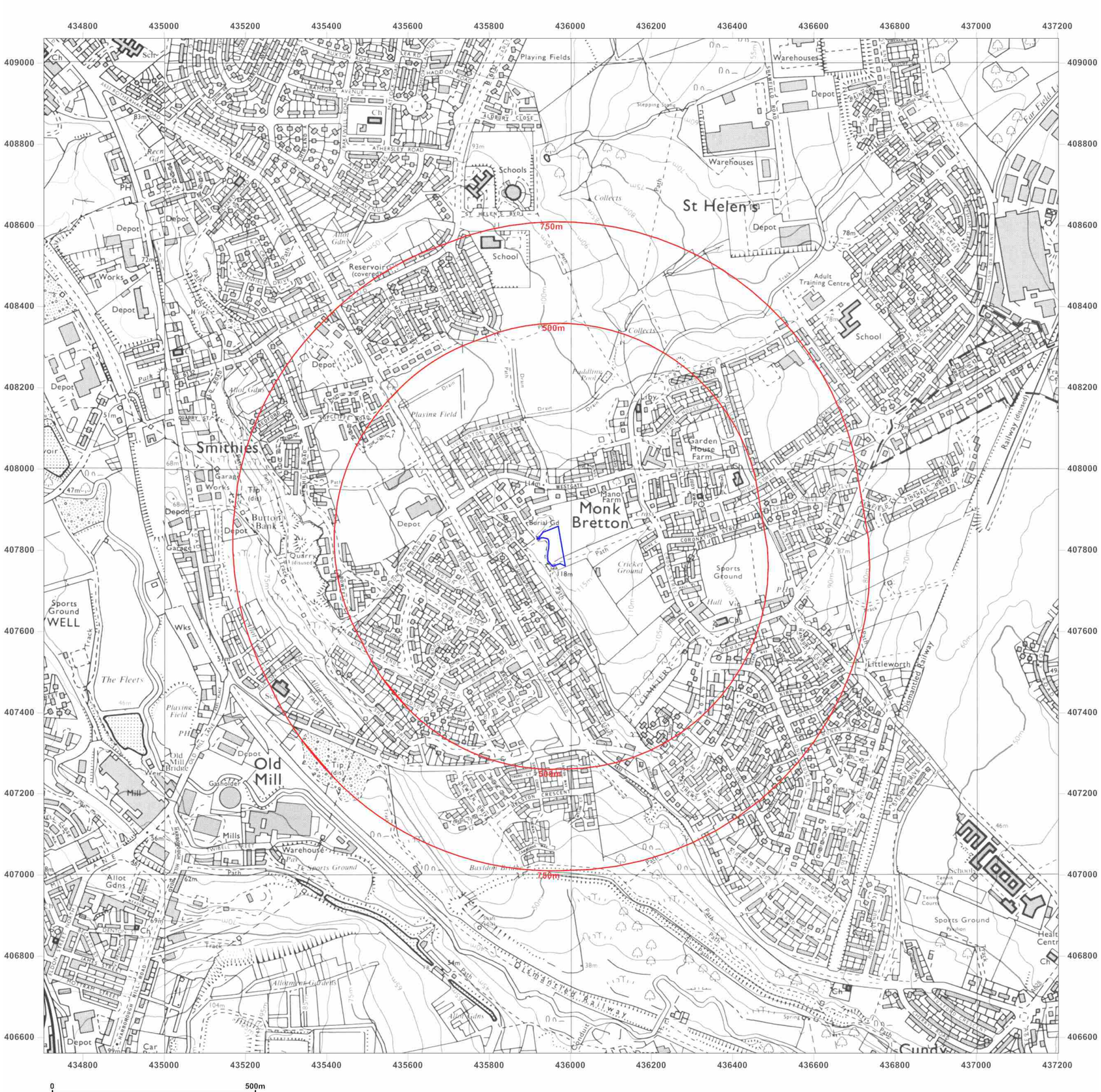
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Client Ref: J3707_16_EDS
Report Ref: GS-3450171
Grid Ref: 435952, 407810

Map Name: National Grid

Map date: **1982**

Scale: 1:10,000

Printed at: 1:10,000

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Surveyed 1982	Surveyed 1981
Revised 1982	Revised 1982
Edition N/A	Edition N/A
Copyright N/A	Copyright N/A
Levelled N/A	Levelled N/A

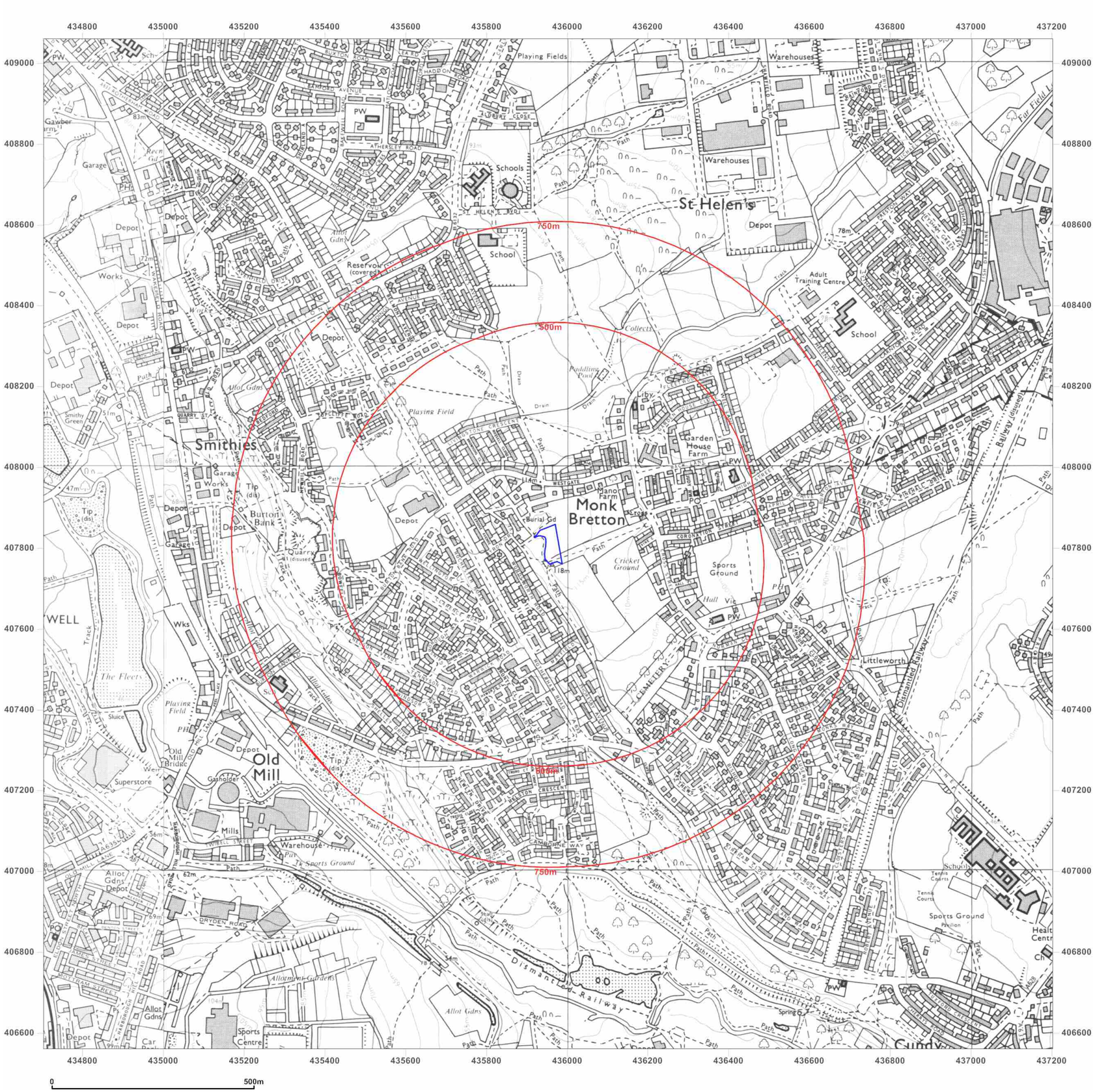
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Client Ref: J3707_16_EDS
Report Ref: GS-3450171
Grid Ref: 435952, 407810

Map Name: National Grid

Map date: **1992-1993**

Scale: 1:10,000

Printed at: 1:10,000

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Revised 1992
Edition N/A
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Site Details:

LAND AT MONK BRETTON,
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Client Ref: J3707_16_EDS
Report Ref: GS-3450171
Grid Ref: 435952, 407810

Map Name: 1:10,000 Raster

Map date: **2002**

Scale: 1:10,000

Printed at: 1:10,000

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2002

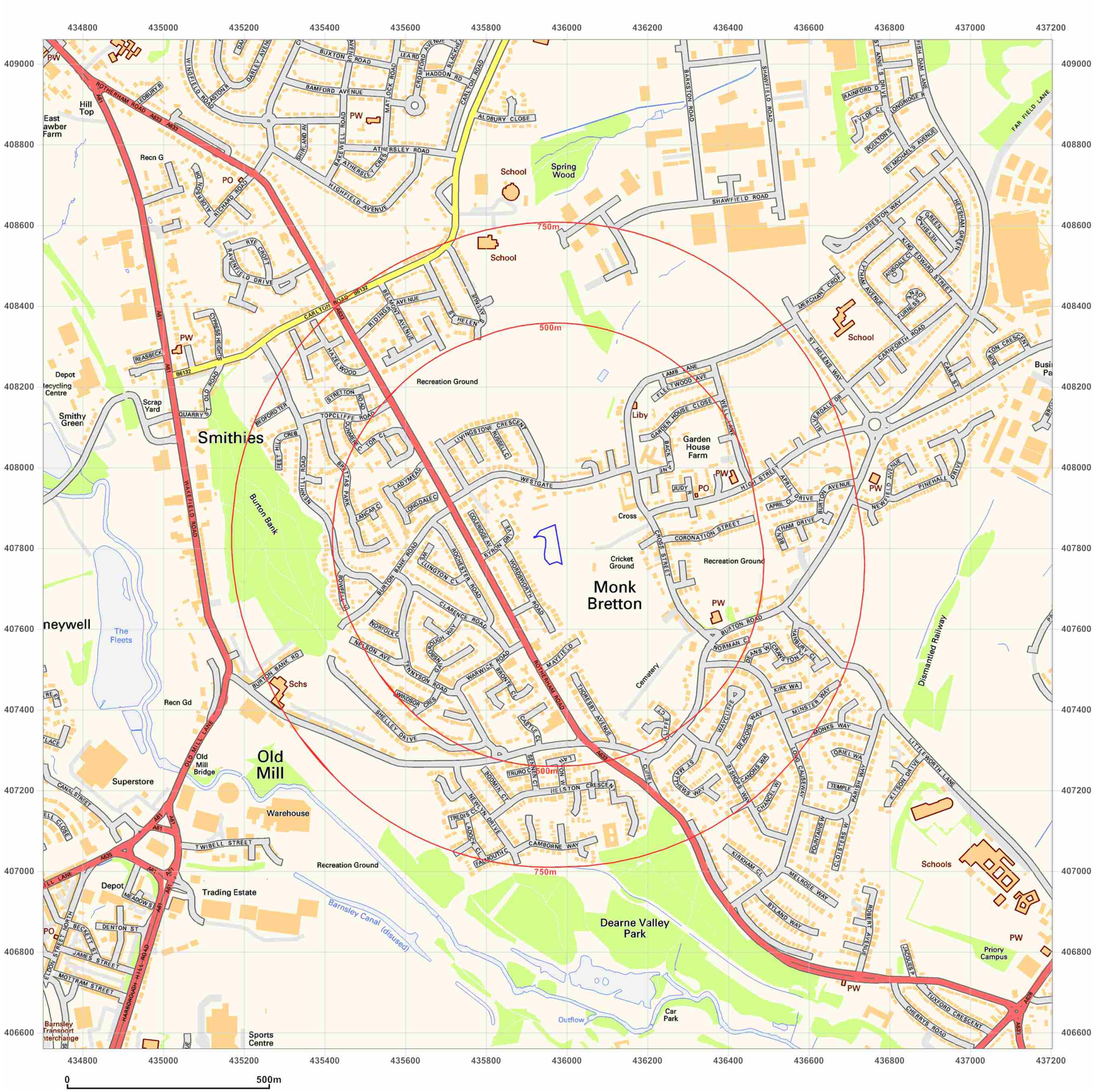
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Site Details:

LAND AT MONK BRETTON,
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BRETTON, BARNSLEY, S71 2DJ

Client Ref: J3707_16_EDS
Report Ref: GS-3450171
Grid Ref: 435952, 407810

Map Name: National Grid

Map date: **2010**

Scale: 1:10,000

Printed at: 1:10,000

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2010

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