

Appendix C

Desk Study Information



Richard Jackson Ltd
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Groundsure Reference: GS-5752760

Your Reference: 49533

Report Date 16 Jan 2019

Report Delivery Method: Email - pdf

Enviro Insight

Address: BRICK LANE, MEPAL, CB6 2AG

Dear Sir/ Madam,

Thank you for placing your order with Groundsure. Please find enclosed the **Groundsure Enviro Insight** as requested.

If you need any further assistance, please do not hesitate to contact our helpline on 08444 159000 quoting the above Groundsure reference number.

Yours faithfully,

Managing Director
Groundsure Limited

Enc.
Groundsure Enviroinsight

Address: BRICK LANE, MEPAL, CB6 2AG

Date: 16 Jan 2019

Reference: GS-5752760

Client: Richard Jackson Ltd

NW

N

NE

W

E



SW

S

SE

Aerial Photograph Capture date: 07-Jun-2016

Grid Reference: 544154,280504

Site Size: 2.75ha

Report Reference: GS-5752760

Client Reference: 49533

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Overview of Findings

For further details on each dataset, please refer to each individual section in the main report as listed. Where the database has been searched a numerical result will be recorded. Where the database has not been searched '-' will be recorded.

Section 1: Historical Industrial Sites	On-site	0-50	51-250	251-500
1.1 Potentially Contaminative Uses identified from 1:10,000 scale mapping	0	0	4	16
1.2 Additional Information – Historical Tank Database	0	0	0	0
1.3 Additional Information – Historical Energy Features Database	0	0	2	2
1.4 Additional Information – Historical Petrol and Fuel Site Database	0	0	0	0
1.5 Additional Information – Historical Garage and Motor Vehicle Repair Database	0	0	0	1
1.6 Historical military sites	0	0	0	0
1.7 Potentially Infilled Land	0	0	2	23
Section 2: Environmental Permits, Incidents and Registers	On-site	0-50m	51-250	251-500
2.1 Industrial Sites Holding Environmental Permits and/or Authorisations				
2.1.1 Records of historic IPC Authorisations	0	0	0	0
2.1.2 Records of Part A(1) and IPPC Authorised Activities	0	0	0	0
2.1.3 Records of Red List Discharge Consents	0	0	0	0
2.1.4 Records of List 1 Dangerous Substances Inventory sites	0	0	0	0
2.1.5 Records of List 2 Dangerous Substances Inventory sites	0	0	0	0
2.1.6 Records of Part A(2) and Part B Activities and Enforcements	0	0	0	0
2.1.7 Records of Category 3 or 4 Radioactive Substances Authorisations	0	0	0	0
2.1.8 Records of Licensed Discharge Consents	0	0	0	1
2.1.9 Records of Water Industry Referrals	0	0	0	0
2.1.10 Records of Planning Hazardous Substance Consents and Enforcements within 500m of the study site	0	0	0	0
2.2 Records of COMAH and NIHHS sites	0	0	0	0
2.3 Environment Agency/Natural Resources Wales Recorded Pollution Incidents				
2.3.1 National Incidents Recording System, List 2	0	0	0	1
2.3.2 National Incidents Recording System, List 1	0	0	0	0
2.4 Sites Determined as Contaminated Land under Part 2A EPA 1990	0	0	0	0

Section 3: Landfill and Other Waste Sites	On-site	0-50m	51-250	251-500	501-1000	1000-1500
3.1 Landfill Sites						
3.1.1 Environment Agency/Natural Resources Wales Registered Landfill Sites	0	0	0	0	0	Not searched
3.1.2 Environment Agency/Natural Resources Wales Historic Landfill Sites	0	0	0	0	0	0
3.1.3 BGS/DoE Landfill Site Survey	0	0	0	0	0	0
3.1.4 Records of Landfills in Local Authority and Historical Mapping Records	0	0	0	0	0	0
3.2 Landfill and Other Waste Sites Findings						
3.2.1 Operational and Non-Operational Waste Treatment, Transfer and Disposal Sites	0	0	0	0	Not searched	Not searched
3.2.2 Environment Agency/Natural Resources Wales Licensed Waste Sites	0	0	0	0	4	0

Section 4: Current Land Use	On-site	0-50m	51-250	251-500
4.1 Current Industrial Sites Data	0	0	2	Not searched
4.2 Records of Petrol and Fuel Sites	0	0	0	1
4.3 National Grid Underground Electricity Cables	0	0	0	0
4.4 National Grid Gas Transmission Pipelines	0	0	0	0

Section 5: Geology	
5.1 Records of Artificial Ground and Made Ground present beneath the study site	None identified
5.2 Records of Superficial Ground and Drift Geology present beneath the study site	None identified
5.3 For records of Bedrock and Solid Geology beneath the study site see the detailed findings section.	

Section 6: Hydrogeology and Hydrology				0-500m		
6.1 Records of Strata Classification in the Superficial Geology within 500m of the study site				Identified		
6.2 Records of Strata Classification in the Bedrock Geology within 500m of the study site				Identified		
	On-site	0-50m	51-250	251-500	501-1000	1000-2000
6.3 Groundwater Abstraction Licences (within 2000m of the study site)	0	0	0	0	0	0
6.4 Surface Water Abstraction Licences (within 2000m of the study site)	0	0	0	0	8	205
6.5 Potable Water Abstraction Licences (within 2000m of the study site)	0	0	0	0	0	0
6.6 Source Protection Zones (within 500m of the study site)	0	0	0	0	Not searched	Not searched
6.7 Source Protection Zones within Confined Aquifer	0	0	0	0	Not searched	Not searched
6.8 Groundwater Vulnerability and Soil Leaching Potential (within 500m of the study site)	0	0	#250GWV #	#500GWV #	Not searched	Not searched

Section 6: Hydrogeology and Hydrology

0-500m

	On-site	0-50m	51-250	251-500	501-1000	1000-1500
6.9 Environment Agency/Natural Resources Wales information on river quality within 1500m of the study site	No	No	No	No	Yes	Yes
6.10 Ordnance Survey MasterMap Water Network entries within 500m of the site	8	14	16	26	Not searched	Not searched
6.11 Surface water features within 250m of the study site	Yes	Yes	Yes	Not searched	Not searched	Not searched

Section 7: Flooding

7.1 Environment Agency Zone 2 floodplains within 250m of the study site	None identified					
7.2 Environment Agency/Natural Resources Wales Zone 3 floodplains within 250m of the study site	None identified					
7.3 Risk of flooding from Rivers and the Sea (RoFRaS) rating for the study site	Very Low					
7.4 Flood Defences within 250m of the study site	None identified					
7.5 Areas benefiting from Flood Defences within 250m of the study site	None identified					
7.6 Areas used for Flood Storage within 250m of the study site	None identified					
7.7 Maximum BGS Groundwater Flooding susceptibility within 50m of the study site	Not Prone					
7.8 BGS confidence rating for the Groundwater Flooding susceptibility areas	Not Applicable					

Section 8: Designated Environmentally Sensitive Sites

	On-site	0-50m	51-250	251-500	501-1000	1000-2000
8.1 Records of Sites of Special Scientific Interest (SSSI)	0	0	0	1	7	10
8.2 Records of National Nature Reserves (NNR)	0	0	0	0	0	0
8.3 Records of Special Areas of Conservation (SAC)	0	0	0	0	1	1
8.4 Records of Special Protection Areas (SPA)	0	0	0	1	0	1
8.5 Records of Ramsar sites	0	0	0	1	0	1
8.6 Records of Ancient Woodlands	0	0	0	0	0	0
8.7 Records of Local Nature Reserves (LNR)	0	0	0	0	0	0
8.8 Records of World Heritage Sites	0	0	0	0	0	0
8.9 Records of Environmentally Sensitive Areas	0	0	0	0	0	0

Section 8: Designated Environmentally Sensitive Sites	On-site	0-50m	51-250	251-500	501-1000	1000-2000
8.10 Records of Areas of Outstanding Natural Beauty (AONB)	0	0	0	0	0	0
8.11 Records of National Parks	0	0	0	0	0	0
8.12 Records of Nitrate Sensitive Areas	0	0	0	0	0	0
8.13 Records of Nitrate Vulnerable Zones	1	0	0	1	0	1
8.14 Records of Green Belt land	0	0	0	0	0	0

Section 9: Natural Hazards	
9.1 Maximum risk of natural ground subsidence	Moderate
9.1.1 Maximum Shrink-Swell hazard rating identified on the study site	Moderate
9.1.2 Maximum Landslides hazard rating identified on the study site	Very Low
9.1.3 Maximum Soluble Rocks hazard rating identified on the study site	Negligible
9.1.4 Maximum Compressible Ground hazard rating identified on the study site	Negligible
9.1.5 Maximum Collapsible Rocks hazard rating identified on the study site	Very Low
9.1.6 Maximum Running Sand hazard rating identified on the study site	Negligible
9.2 Radon	
9.2.1 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 site is not in a Radon Affected Area, as less than 1% of properties are above the Action Level.
9.2.2 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.

Section 10: Mining	
10.1 Coal mining areas within 75m of the study site	None identified
10.2 Non-Coal Mining areas within 50m of the study site boundary	None identified
10.3 Brine affected areas within 75m of the study site	None identified

Using this report

The following report is designed by Environmental Consultants for Environmental Professionals bringing together the most up-to-date market leading environmental data. This report is provided under and subject to the Terms & Conditions agreed between Groundsure and the Client. The document contains the following sections:

1. Historical Industrial Sites

Provides information on past land uses that may pose a risk to the study site in terms of potential contamination from activities or processes. Potentially Infilled Land features are also included. This search is conducted using radii of up to 500m.

2. Environmental Permits, Incidents and Registers

Provides information on Regulated Industrial Activities and Pollution Incidents as recorded by Regulatory Authorities, and sites determined as Contaminated Land. This search is conducted using radii up to 500m.

3. Landfills and Other Waste Sites

Provides information on landfills and other waste sites that may pose a risk to the study site. This search is conducted using radii up to 1500m.

4. Current Land Uses

Provides information on current land uses that may pose a risk to the study site in terms of potential contamination from activities or processes. These searches are conducted using radii of up to 500m. This includes information on potentially contaminative industrial sites, petrol stations and fuel sites as well as high pressure gas pipelines and underground electricity transmission lines.

5. Geology

Provides information on artificial and superficial deposits and bedrock beneath the study site.

6. Hydrogeology and Hydrology

Provides information on productive strata within the bedrock and superficial geological layers, abstraction licences, Source Protection Zones (SPZs) and river quality. These searches are conducted using radii of up to 2000m.

7. Flooding

Provides information on river and coastal flooding, flood defences, flood storage areas and groundwater flood areas. This search is conducted using radii of up to 250m.

8. Designated Environmentally Sensitive Sites

Provides information on the Sites of Special Scientific Interest (SSSI), National Nature Reserves (NNR), Special Areas of Conservation (SAC), Special Protection Areas (SPA), Ramsar sites, Local Nature Reserves (LNR), Areas of Outstanding Natural Beauty (AONB), National Parks (NP), Environmentally Sensitive Areas, Nitrate Sensitive Areas, Nitrate Vulnerable Zones and World Heritage Sites and Scheduled Ancient Woodland. These searches are conducted using radii of up to 2000m.

9. Natural Hazards

Provides information on a range of natural hazards that may pose a risk to the study site. These factors include natural ground subsidence and radon..

10. Mining

Provides information on areas of coal and non-coal mining and brine affected areas.

11. Contacts

This section of the report provides contact points for statutory bodies and data providers that may be able to provide further information on issues raised within this report. Alternatively, Groundsure provide a free Technical Helpline (08444 159000) for further information and guidance.

Note: Maps

Only certain features are placed on the maps within the report. All features represented on maps found within this search are given an identification number. This number identifies the feature on the mapping and correlates it to the additional information provided below. This identification number precedes all other information and takes the following format -Id: 1, Id: 2, etc. Where numerous features on the same map are in such close proximity that the numbers would obscure each other a letter identifier is used instead to represent the features. (e.g. Three features which overlap may be given the identifier "A" on the map and would be identified separately as features 1A, 3A, 10A on the data tables provided).

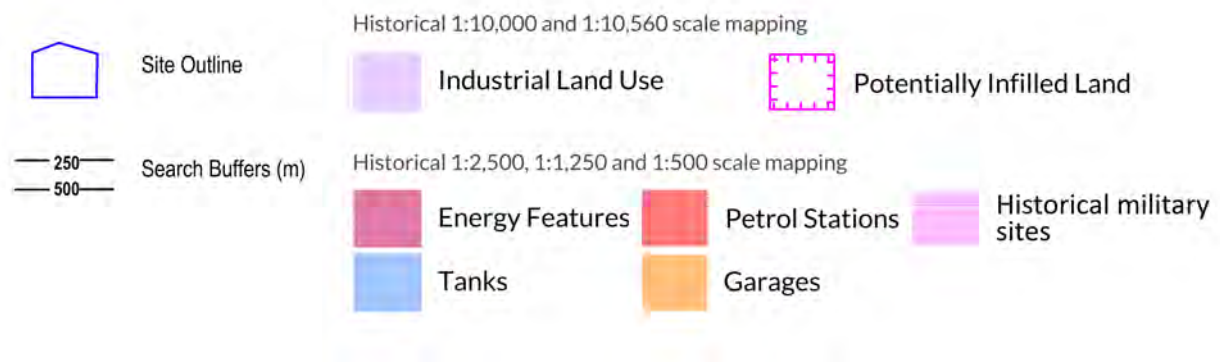
Where a feature is reported in the data tables to a distance greater than the map area, it is noted in the data table as "Not Shown".

All distances given in this report are in Metres (m). Directions are given as compass headings such as N: North, E: East, NE: North East from the nearest point of the study site boundary.

1. Historical Land Use



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1. Historical Industrial Sites

1.1 Potentially Contaminative Uses identified from 1:10,000 scale Mapping

The systematic analysis of data extracted from standard 1:10,560 and 1:10,000 scale historical maps provides the following information:

Records of sites with a potentially contaminative past land use within 500m of the search boundary: 20

ID	Distance [m]	Direction	Use	Date
1E	64	NE	Unspecified Pit	1886
2	144	S	Airfield	1957
3	148	S	Airfield	1950
4F	176	S	Cuttings	1989
5	309	N	Smithy	1900
6A	350	W	Unspecified Hole	1957
7A	351	W	Unspecified Hole	1925
8A	351	W	Unspecified Hole	1900
9A	351	W	Unspecified Hole	1950
10A	351	W	Unspecified Hole	1886
11A	359	W	Unspecified Hole	1989
12A	359	W	Unspecified Hole	1982
13	377	S	Airfield	1957
14B	387	N	Electric Substation	1982
15B	387	N	Electric Substation	1989
16G	396	NW	Cemetery	1982
17C	460	N	Cemetery	1957
18C	466	N	Cemetery	1989
19C	487	N	Cemetery	1950
20C	487	N	Cemetery	1925

1.2 Additional Information – Historical Tank Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical tanks within 500m of the search boundary: 0

Database searched and no data found.

1.3 Additional Information – Historical Energy Features Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps

provides the following information.

Records of historical energy features within 500m of the search boundary:

4

ID	Distance (m)	Direction	Use	Date
21D	190	NE	Electricity Substation	1987
22D	191	NE	Electricity Substation	1980
23B	390	N	Electricity Substation	1987
24B	390	N	Electricity Substation	1980

1.4 Additional Information – Historical Petrol and Fuel Site Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical petrol stations and fuel sites within 500m of the search boundary:

0

Database searched and no data found.

1.5 Additional Information – Historical Garage and Motor Vehicle Repair Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical garage and motor vehicle repair sites within 500m of the search boundary:

1

ID	Distance (m)	Direction	Use	Date
25	353	N	Garage	1987

1.6 Historical military sites

Certain military installations were not noted on historic mapping for security reasons. Whilst not all military land is necessarily of concern, Groundsure has researched and digitised a number of Ordnance Factories and other military industrial features (e.g. Ordnance Depots, Munitions Testing Grounds) which may be of contaminative concern. This research was drawn from a number of different sources, and should not be regarded as a definitive or exhaustive database of potentially contaminative military installations. The boundaries of sites within this database have been estimated from the best evidence available to Groundsure at the time of compilation.

Records of historical military sites within 500m of the search boundary:

0

Database searched and no data found.

1.7 Potentially Infilled Land

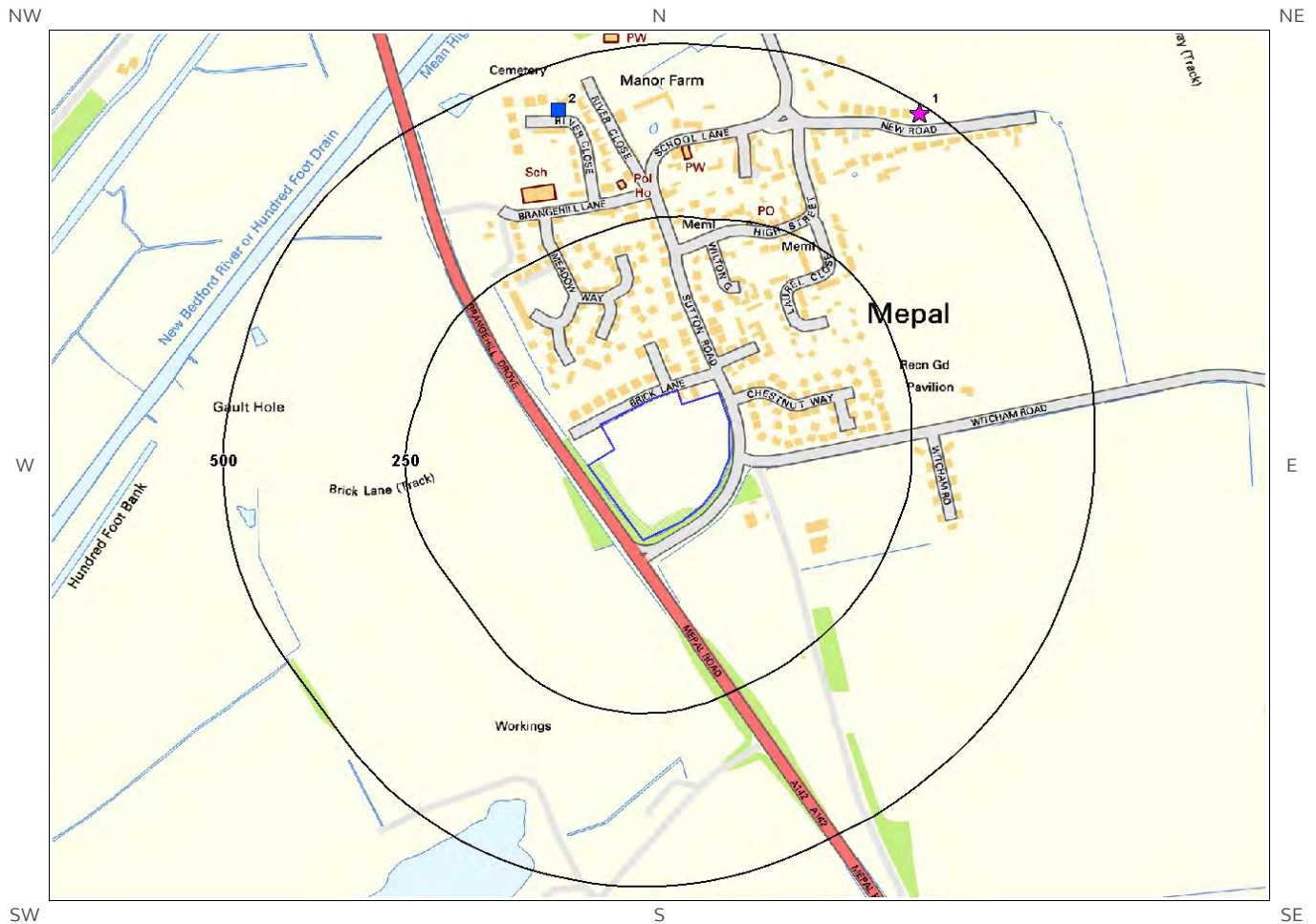
Records of Potentially Infilled Features from 1:10,000 scale mapping within 500m of the study site:

25

The following Historical Potentially Infilled Features derived from the Historical Mapping information is provided by Groundsure:

ID	Distance(m)	Direction	Use	Date
26E	64	NE	Unspecified Pit	1886
27F	176	S	Cuttings	1989
28A	350	W	Unspecified Hole	1957
29A	351	W	Unspecified Hole	1900
30A	351	W	Unspecified Hole	1950
31A	351	W	Unspecified Hole	1886
32A	351	W	Unspecified Hole	1925
33A	352	W	Water Body	1886
34A	359	W	Unspecified Hole	1989
35A	359	W	Unspecified Hole	1982
36G	396	NW	Cemetery	1982
37H	458	W	Ponds	1989
38H	458	W	Ponds	1982
39C	460	N	Cemetery	1957
40H	461	W	Ponds	1957
41I	462	W	Pond	1900
42I	462	W	Pond	1886
43I	462	W	Pond	1886
44H	465	W	Ponds	1950
45H	465	W	Ponds	1925
46C	466	N	Cemetery	1989
47C	487	N	Cemetery	1950
48C	487	N	Cemetery	1925
49J	495	NW	Pond	1989
50J	495	NW	Pond	1982

2. Environmental Permits, Incidents and Registers Map



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2. Environmental Permits, Incidents and Registers

2.1 Industrial Sites Holding Licences and/or Authorisations

Searches of information provided by the Environment Agency/Natural Resources Wales and Local Authorities reveal the following information:

2.1.1 Records of historic IPC Authorisations within 500m of the study site:

0

Database searched and no data found.

2.1.2 Records of Part A(1) and IPPC Authorised Activities within 500m of the study site:

0

Database searched and no data found.

2.1.3 Records of Red List Discharge Consents (potentially harmful discharges to controlled waters) within 500m of the study site:

0

Database searched and no data found.

2.1.4 Records of List 1 Dangerous Substances Inventory Sites within 500m of the study site:

0

Database searched and no data found.

2.1.5 Records of List 2 Dangerous Substance Inventory Sites within 500m of the study site:

0

Database searched and no data found.

2.1.6 Records of Part A(2) and Part B Activities and Enforcements within 500m of the study site:

0

Database searched and no data found.

2.1.7 Records of Category 3 or 4 Radioactive Substances Authorisations:

0

Database searched and no data found.

2.1.8 Records of Licensed Discharge Consents within 500m of the study site:

1

The following Licensed Discharge Consents records are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	NGR	Details	
2	435	N	544000 281000	Address: BRIDGE HOUSE, MEPAL, ELY, CAMBS, CB7 5TH Effluent Type: AGRICULTURE - UNSPECIFIED Permit Number: PR1NFG0051 Permit Version: 1	Receiving Water: - Status: PRE NRA LEGISLATION WHERE ISSUE DATE < 01-SEP-89 (HISTORIC ONLY) Issue date: 05/05/1963 Effective Date: 05-May-1963 Revocation Date: 25/07/1991

2.1.9 Records of Water Industry Referrals (potentially harmful discharges to the public sewer) within 500m of the study site:

0

Database searched and no data found.

2.1.10 Records of Planning Hazardous Substance Consents and Enforcements within 500m of the study site:

0

Database searched and no data found.

2.2 Dangerous or Hazardous Sites

Records of COMAH & NIHHS sites within 500m of the study site:

0

Database searched and no data found.

2.3 Environment Agency/Natural Resources Wales Recorded Pollution Incidents

2.3.1 Records of National Incidents Recording System, List 2 within 500m of the study site:

1

The following NIRS List 2 records are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	NGR	Details
1	488	NE	544494 280996	Incident Date: 21-Jun-2002 Incident Identification: 86447 Pollutant: Oils and Fuel Pollutant Description: Diesel Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)

2.3.2 Records of National Incidents Recording System, List 1 within 500m of the study site:

0

Database searched and no data found.

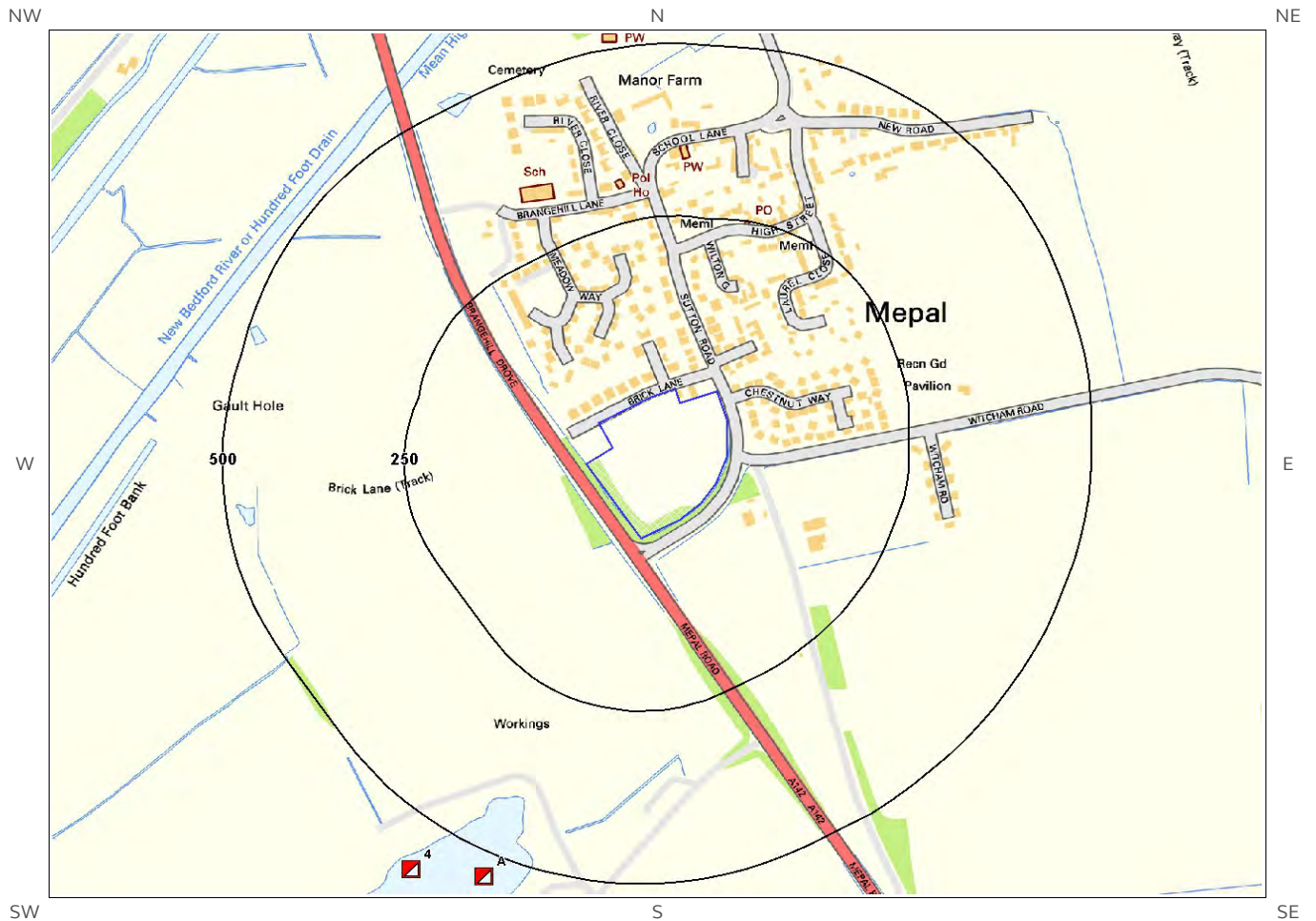
2.4 Sites Determined as Contaminated Land under Part 2A EPA 1990

Records of sites determined as contaminated land under Section 78R of the Environmental Protection Act 1990 are there within 500m of the study site

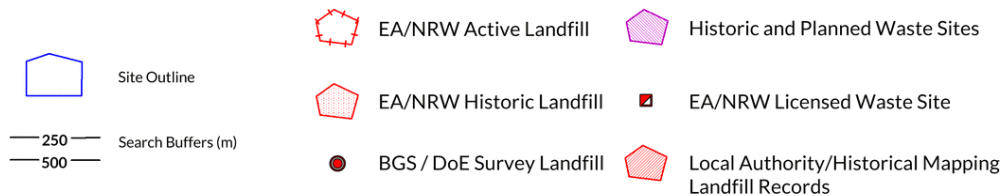
0

Database searched and no data found.

3. Landfill and Other Waste Sites Map



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3. Landfill and Other Waste Sites

3.1 Landfill Sites

3.1.1 Records from Environment Agency/Natural Resources Wales landfill data within 1000m of the study site:

0

Database searched and no data found.

3.1.2 Records of Environment Agency/Natural Resources Wales historic landfill sites within 1500m of the study site:

0

Database searched and no data found.

3.1.3 Records of BGS/DoE non-operational landfill sites within 1500m of the study site:

0

Database searched and no data found.

3.1.4 Records of Landfills from Local Authority and Historical Mapping Records within 1500m of the study site:

0

Database searched and no data found.

3.2 Other Waste Sites

3.2.1 Records of waste treatment, transfer or disposal sites within 500m of the study site:

0

Database searched and no data found.

3.2.2 Records of Environment Agency/Natural Resources Wales licensed waste sites within 1500m of the study site:

4

The following waste treatment, transfer or disposal sites records are represented as points on the Landfill and Other Waste Sites map:

ID	Distance (m)	Direction	NGR	Details
1A	535	SW	543900 279890	<p>Site Address: Mepal Road (A142), Mepal, Sutton, Cambs, CB6 2PZ Type: Landfill taking Non-Biodegradable Wastes Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: MDI003 EPR reference: DP3996LH/A001 Operator: M Dickerson Ltd Waste Management licence No: 100561 Annual Tonnage: 0.0</p> <p>Issue Date: 21/10/2009 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Mepal Airfield Inert Landfill Correspondence Address: -</p>
2A	535	SW	543900 279890	<p>Site Address: Land/premises At, Mepal Road (A142), Mepal, Sutton, Cambridgeshire, CB6 2PZ Type: Inert LF Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: MDI003 EPR reference: EA/EPR/DP3996LH/A001 Operator: M Dickerson Ltd Waste Management licence No: 100561 Annual Tonnage: 75000.0</p> <p>Issue Date: 21/10/2009 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Mepal Airfield Inert Landfill Correspondence Address: -</p>
3A	535	SW	543900 279890	<p>Site Address: Mepal Airfield Inert Landfill, Mepal Road (A142), Mepal, Sutton, Cambridgeshire, CB6 2PZ Type: Inert LF Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: FRI054 EPR reference: EA/EPR/VP3794VX/T001 Operator: Frimstone Ltd Waste Management licence No: 100561 Annual Tonnage: 75000.0</p> <p>Issue Date: 21/10/2009 Effective Date: 31/01/2012 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred Site Name: Mepal Airfield Inert Landfill Correspondence Address: -</p>
4	574	SW	543800 279900	<p>Site Address: Former Mepal Airfield, Mepal Road, Sutton, Cambridgeshire, CB6 2PZ Type: Treatment of waste to produce soil <75,000 tpy Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: FRI068 EPR reference: EA/EPR/FB3039RD/V002 Operator: Frimstone Ltd Waste Management licence No: 104037 Annual Tonnage: 74999.0</p> <p>Issue Date: 04/05/2012 Effective Date: - Modified: 21/06/2012 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: Sutton Recycling Facility Correspondence Address: -</p>

4. Current Land Use Map



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4. Current Land Uses

4.1 Current Industrial Data

Records of potentially contaminative industrial sites within 250m of the study site:

2

The following records are represented as points on the Current Land Uses map.

ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
1	59	N	Pumping House	544114 280641	Cambridgeshire, CB6	Water Pumping Stations	Industrial Features
2	194	NE	Electricity Sub Station	544339 280746	Cambridgeshire, CB6	Electrical Features	Infrastructure and Facilities

4.2 Petrol and Fuel Sites

Records of petrol or fuel sites within 500m of the study site:

1

The following petrol or fuel site records provided by Catalist are represented as points on the Current Land Use map:

ID	Distance (m)	Direction	NGR	Company	Address	LPG	Status
3	406	NE	544491 280895	OBSOLETE	School Lane, Mepal, Ely, Cambridgeshire, CB6 2AW	Not Applicable	Obsolete

4.3 National Grid High Voltage Underground Electricity Transmission Cables

This dataset identifies the high voltage electricity transmission lines running between generating power plants and electricity substations. The dataset does not include the electricity distribution network (smaller, lower voltage cables distributing power from substations to the local user network). This information has been extracted from databases held by National Grid and is provided for information only with no guarantee as to its completeness or accuracy. National Grid do not offer any warranty as to the accuracy of the available data and are excluded from any liability for any such inaccuracies or errors.

Records of National Grid high voltage underground electricity transmission cables within 500m of the study site:

0

Database searched and no data found.

4.4 National Grid High Pressure Gas Transmission Pipelines

This dataset identifies high-pressure, large diameter pipelines which carry gas between gas terminals, power stations, compressors and storage facilities. The dataset does not include the Local Transmission System (LTS) which supplies gas directly into homes and businesses. This information has been extracted from databases held by National Grid and is provided for information only with no guarantee as to its completeness or accuracy. National Grid do not offer any warranty as to the accuracy of the available data and are excluded from any liability for any such inaccuracies or errors.

Records of National Grid high pressure gas transmission pipelines within 500m of the study site: 0

Database searched and no data found.

5. Geology

5.1 Artificial Ground and Made Ground

Database searched and no data found.

The database has been searched on site, including a 50m buffer.

5.2 Superficial Ground and Drift Geology

Database searched and no data found.

The database has been searched on site, including a 50m buffer.

5.3 Bedrock and Solid Geology

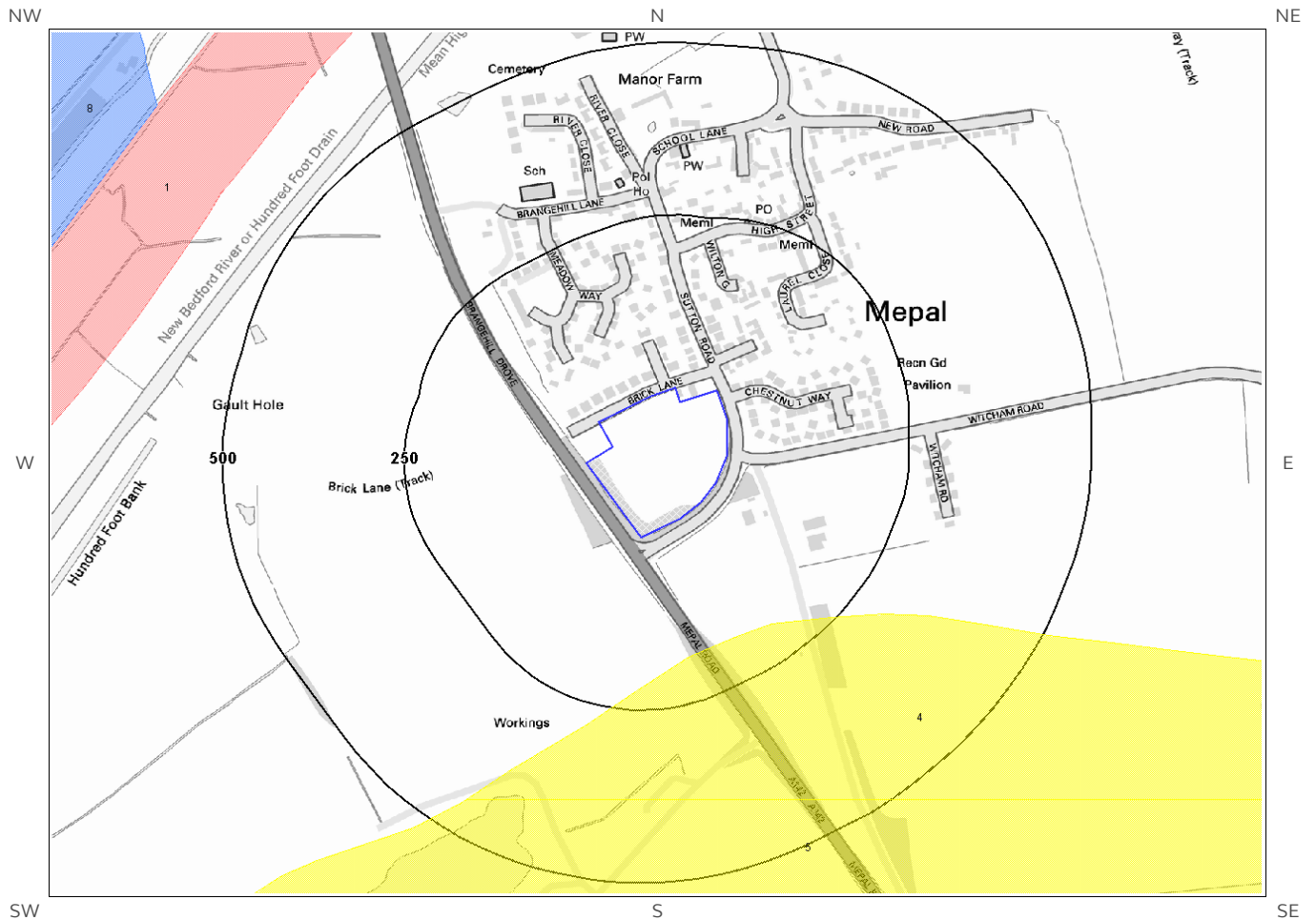
The database has been searched on site, including a 50m buffer.

Lex Code	Description	Rock Type
KC-MDST	KIMMERIDGE CLAY FORMATION	MUDSTONE
AMC-MDST	AMPTHILL CLAY FORMATION	MUDSTONE

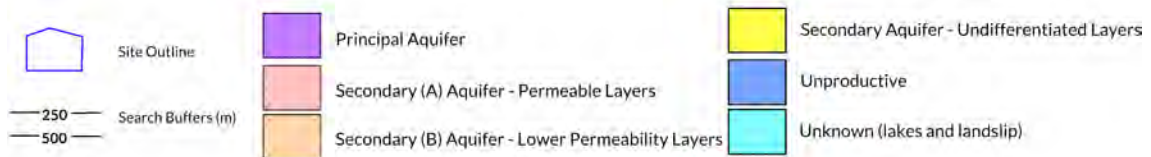
(Derived from the BGS 1:50,000 Digital Geological Map of Great Britain)

6 Hydrogeology and Hydrology

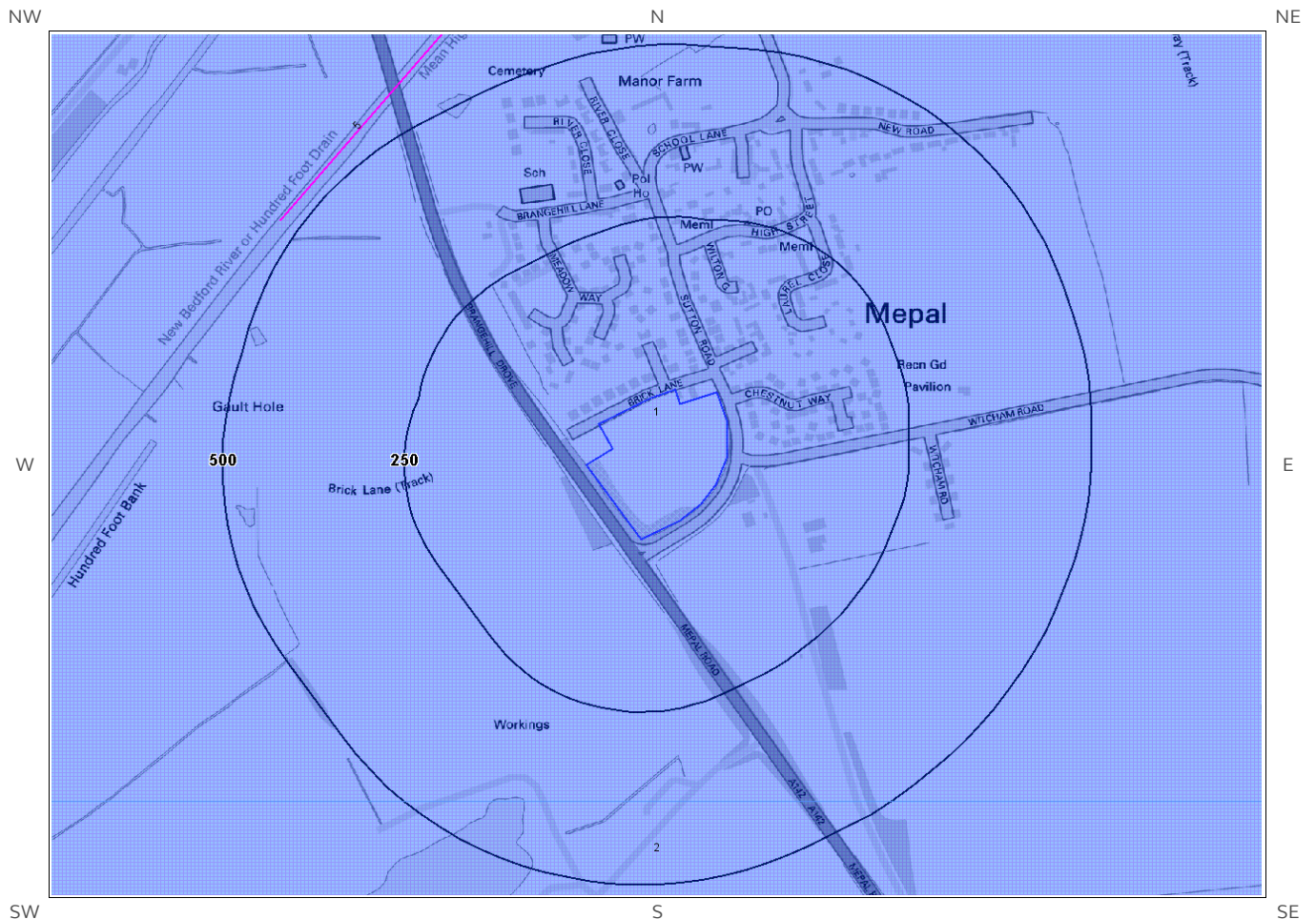
6a. Aquifer Within Superficial Geology



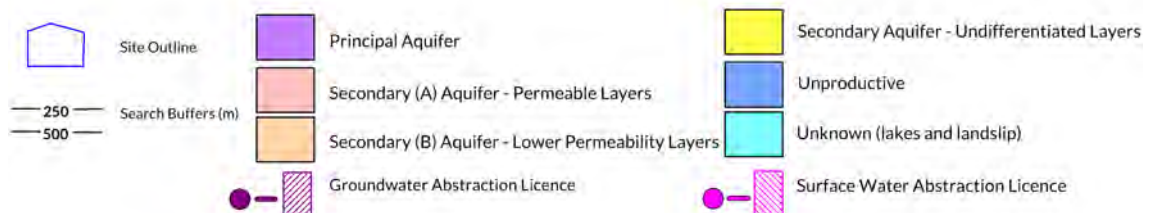
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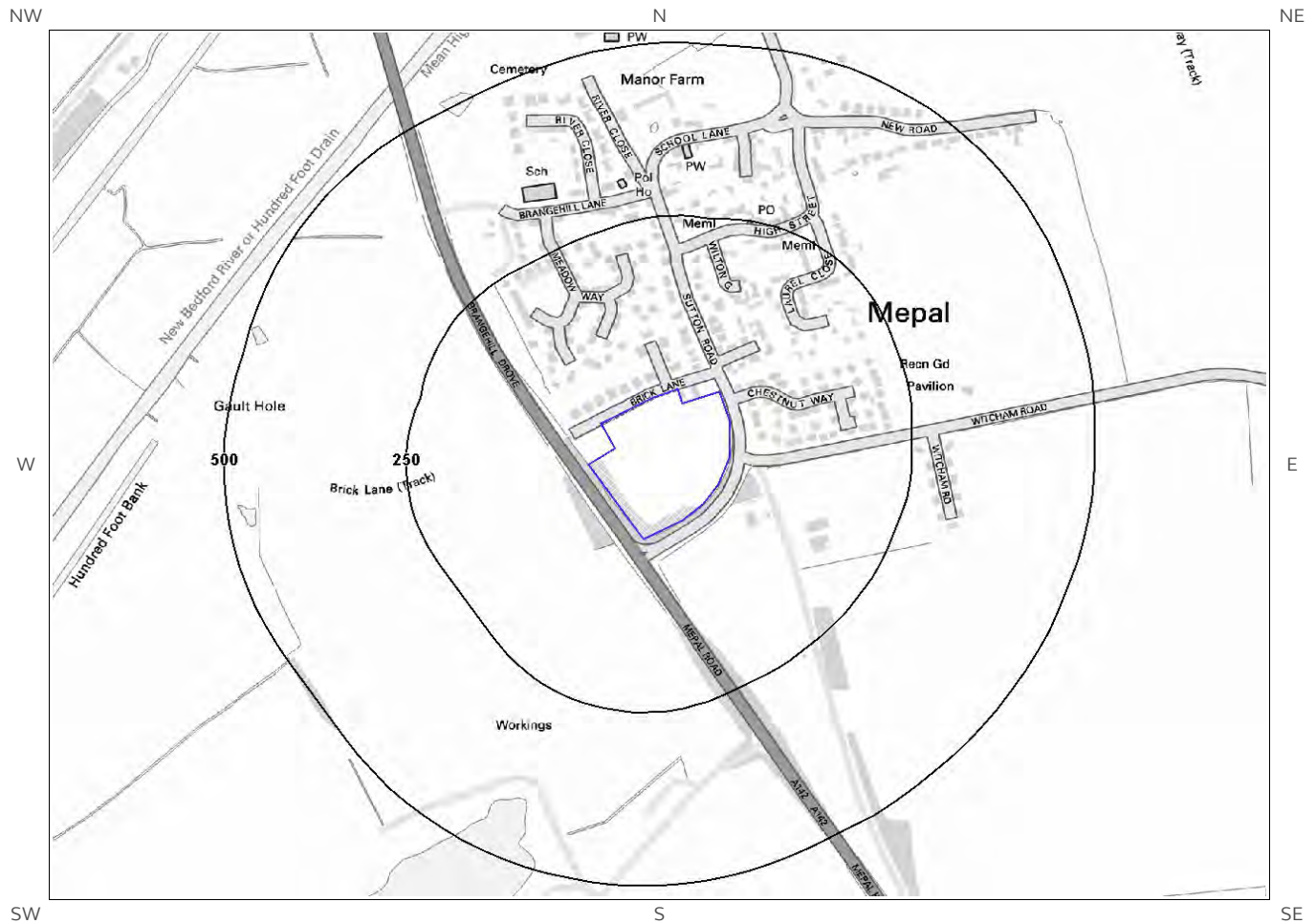
6b. Aquifer Within Bedrock Geology and Abstraction Licences



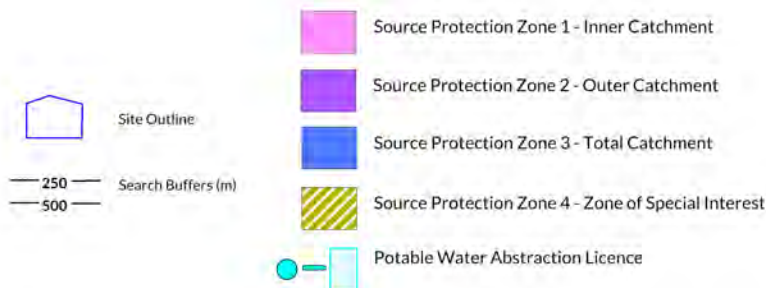
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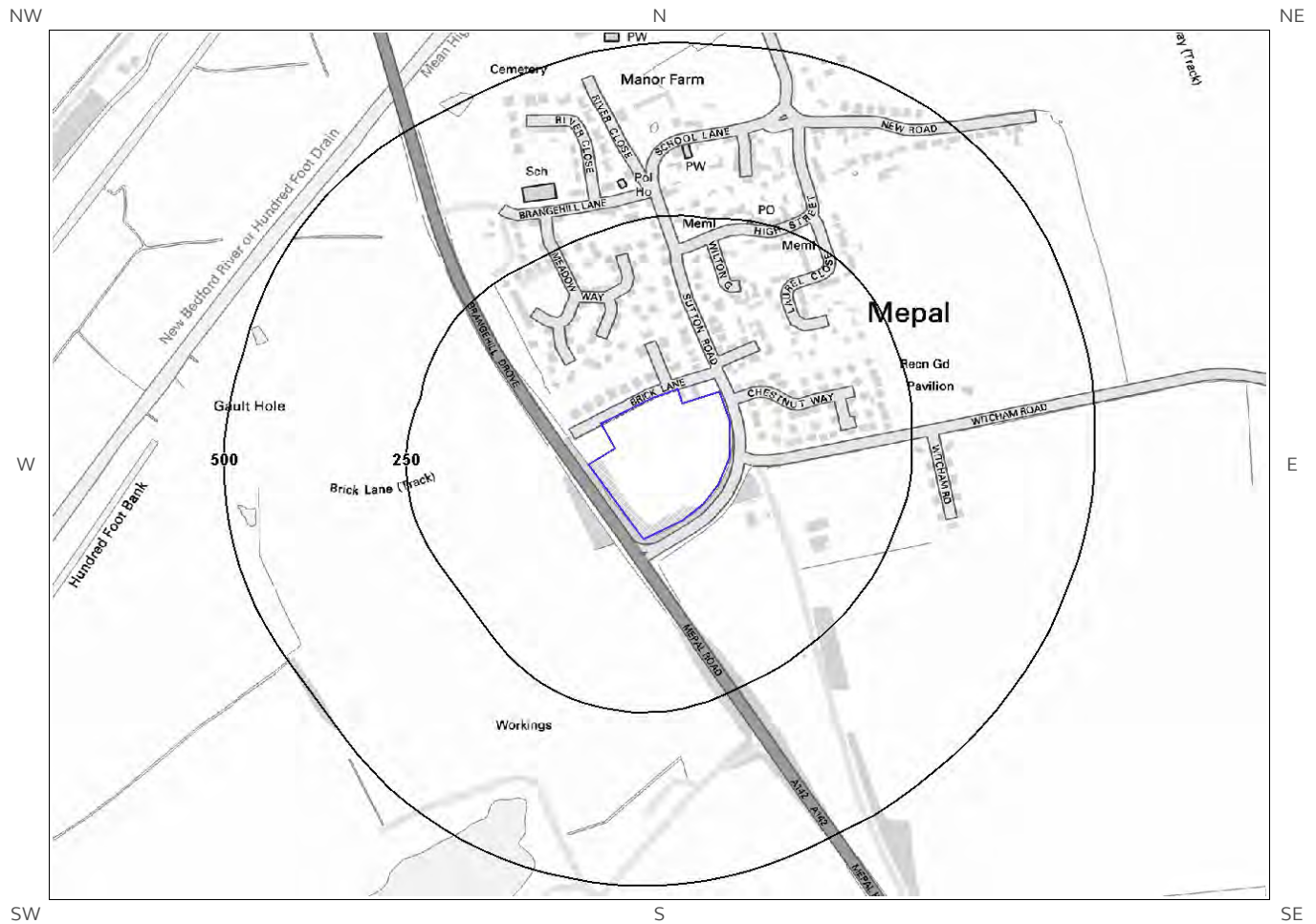
6c. Hydrogeology – Source Protection Zones and Potable Water Abstraction Licences



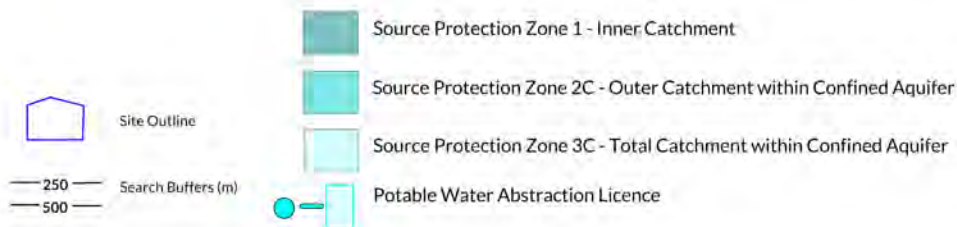
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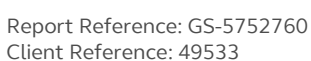
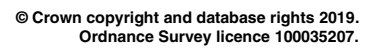


6d. Hydrogeology – Source Protection Zones within confined aquifer



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6. Hydrogeology and Hydrology

6.1 Aquifer within Superficial Deposits

Records of strata classification within the superficial geology at or in proximity to the property Yes

From 1 April 2010, the Environment Agency/Natural Resources Wales'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 Superficial Geology Map (6a):

ID	Distance (m)	Direction	Designation	Description
4	184	SE	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
5	379	S	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

6.2 Aquifer within Bedrock Deposits

Records of strata classification within the bedrock geology at or in proximity to the property Yes

From 1 April 2010, the Environment Agency/Natural Resources Wales'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	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
2	379	S	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

6.3 Groundwater Abstraction Licences

Groundwater Abstraction Licences within 2000m of the study site None identified

Database searched and no data found.

6.4 Surface Water Abstraction Licences

Surface Water Abstraction Licences within 2000m of the study site

Identified

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
5	525	NW	543620 280840	Status: Historical Licence No: 6/33/26/*S/0368 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: HUNDRED FOOT DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES Annual Volume (m³): 115000 Max Daily Volume (m³): 4140 Application No: - Original Start Date: 30/04/1998 Expiry Date: 30/09/2007 Issue No: 101 Version Start Date: 23/09/2003 Version End Date:
Not shown	879	NW	543090 280890	Status: Active Licence No: 6/33/52/*S/0189 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES Annual Volume (m³): 36000 Max Daily Volume (m³): 1600 Application No: - Original Start Date: 21/12/1999 Expiry Date: 29/02/2024 Issue No: 2 Version Start Date: 07/12/2010 Version End Date:
Not shown	879	NW	543300 280990	Status: Active Licence No: 6/33/52/*S/0189 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES Annual Volume (m³): 36000 Max Daily Volume (m³): 1600 Application No: - Original Start Date: 21/12/1999 Expiry Date: 29/02/2024 Issue No: 2 Version Start Date: 07/12/2010 Version End Date:
Not shown	884	NW	542900 281100	Status: Historical Licence No: 6/33/52/*S/0189 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES Annual Volume (m³): 36000 Max Daily Volume (m³): 1600 Application No: - Original Start Date: 21/12/1999 Expiry Date: 29/02/2024 Issue No: 1 Version Start Date: 21/12/1999 Version End Date:
Not shown	887	NW	542940 281140	Status: Historical Licence No: 6/33/26/*S/0368 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES Annual Volume (m³): 115000 Max Daily Volume (m³): 4140 Application No: - Original Start Date: 30/04/1998 Expiry Date: 30/09/2007 Issue No: 101 Version Start Date: 23/09/2003 Version End Date:
Not shown	994	NW	543550 281400	Status: Historical Licence No: 6/33/52/*S/0201 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: PIT -10- MEPAL Data Type: Point Name: VEAL Annual Volume (m³): 4495 Max Daily Volume (m³): 225 Application No: - Original Start Date: 20/05/2002 Expiry Date: 31/10/2007 Issue No: 1 Version Start Date: 20/05/2002 Version End Date:
Not shown	994	NW	543550 281400	Status: Active Licence No: 6/33/52/*S/0220 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: PIT -10- MEPAL Data Type: Point Name: VEAL Annual Volume (m³): 4495 Max Daily Volume (m³): 225 Application No: - Original Start Date: 13/09/2007 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 13/09/2007 Version End Date:

ID	Distance (m)	Direction	NGR	Details
Not shown	994	NW	543550 281400	Status: Historical Licence No: 6/33/52/*S/0188 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: PIT -10- MEPAL Data Type: Point Name: VEAL Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 30/11/1998 Expiry Date: 31/10/2001 Issue No: 100 Version Start Date: 29/03/1999 Version End Date:
Not shown	1020	NW	543680 281500	Status: Historical Licence No: 6/33/52/*S/0188 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: PIT -11- MEPAL Data Type: Point Name: VEAL Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 30/11/1998 Expiry Date: 31/10/2001 Issue No: 100 Version Start Date: 29/03/1999 Version End Date:
Not shown	1020	NW	543680 281500	Status: Active Licence No: 6/33/52/*S/0220 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: PIT -11- MEPAL Data Type: Point Name: VEAL Annual Volume (m³): 4495 Max Daily Volume (m³): 225 Application No: - Original Start Date: 13/09/2007 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 13/09/2007 Version End Date:
Not shown	1020	NW	543680 281500	Status: Historical Licence No: 6/33/52/*S/0201 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: PIT -11- MEPAL Data Type: Point Name: VEAL Annual Volume (m³): 4495 Max Daily Volume (m³): 225 Application No: - Original Start Date: 20/05/2002 Expiry Date: 31/10/2007 Issue No: 1 Version Start Date: 20/05/2002 Version End Date:
Not shown	1041	W	537500 283000	Status: Historical Licence No: 6/33/52/*S/0187 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAINS IN AREA AT OLD HALVES, BLOCKMOOR & SUTTON WEST FENS Data Type: Poly4 Name: P J LEE & SONS Annual Volume (m³): 910000 Max Daily Volume (m³): 21840 Application No: - Original Start Date: 09/10/1998 Expiry Date: 28/02/2023 Issue No: 102 Version Start Date: 13/06/2007 Version End Date:
Not shown	1070	NW	543670 281550	Status: Historical Licence No: 6/33/52/*S/0201 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: PIT -12- MEPAL Data Type: Point Name: VEAL Annual Volume (m³): 4495 Max Daily Volume (m³): 225 Application No: - Original Start Date: 20/05/2002 Expiry Date: 31/10/2007 Issue No: 1 Version Start Date: 20/05/2002 Version End Date:
Not shown	1070	NW	543670 281550	Status: Active Licence No: 6/33/52/*S/0220 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: PIT -12- MEPAL Data Type: Point Name: VEAL Annual Volume (m³): 4495 Max Daily Volume (m³): 225 Application No: - Original Start Date: 13/09/2007 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 13/09/2007 Version End Date:
Not shown	1070	NW	543670 281550	Status: Historical Licence No: 6/33/52/*S/0188 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: PIT -12- MEPAL Data Type: Point Name: VEAL Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 30/11/1998 Expiry Date: 31/10/2001 Issue No: 100 Version Start Date: 29/03/1999 Version End Date:

ID	Distance (m)	Direction	NGR	Details	
Not shown	1085	N	543750 281600	Status: Historical Licence No: 6/33/52/*S/0201 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: PIT -13- MEPAL Data Type: Point Name: VEAL	Annual Volume (m³): 4495 Max Daily Volume (m³): 225 Application No: - Original Start Date: 20/05/2002 Expiry Date: 31/10/2007 Issue No: 1 Version Start Date: 20/05/2002 Version End Date:
Not shown	1085	N	543750 281600	Status: Active Licence No: 6/33/52/*S/0220 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: PIT -13- MEPAL Data Type: Point Name: VEAL	Annual Volume (m³): 4495 Max Daily Volume (m³): 225 Application No: - Original Start Date: 13/09/2007 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 13/09/2007 Version End Date:
Not shown	1085	N	543750 281600	Status: Historical Licence No: 6/33/52/*S/0188 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: PIT -13- MEPAL Data Type: Point Name: VEAL	Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 30/11/1998 Expiry Date: 31/10/2001 Issue No: 100 Version Start Date: 29/03/1999 Version End Date:
Not shown	1103	NW	543600 281700	Status: Active Licence No: 6/33/52/*S/0220 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: VEAL	Annual Volume (m³): 4495 Max Daily Volume (m³): 225 Application No: - Original Start Date: 13/09/2007 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 13/09/2007 Version End Date:
Not shown	1103	NW	543600 281700	Status: Historical Licence No: 6/33/52/*S/0201 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: VEAL	Annual Volume (m³): 4495 Max Daily Volume (m³): 225 Application No: - Original Start Date: 20/05/2002 Expiry Date: 31/10/2007 Issue No: 1 Version Start Date: 20/05/2002 Version End Date:
Not shown	1105	NW	543400 281500	Status: Active Licence No: 6/33/52/*S/0220 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN NR TOLL FARM Data Type: Line Name: VEAL	Annual Volume (m³): 4495 Max Daily Volume (m³): 225 Application No: - Original Start Date: 13/09/2007 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 13/09/2007 Version End Date:
Not shown	1105	NW	543400 281500	Status: Historical Licence No: 6/33/52/*S/0201 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN NR TOLL FARM Data Type: Line Name: VEAL	Annual Volume (m³): 4495 Max Daily Volume (m³): 225 Application No: - Original Start Date: 20/05/2002 Expiry Date: 31/10/2007 Issue No: 1 Version Start Date: 20/05/2002 Version End Date:
Not shown	1142	NW	543200 281500	Status: Active Licence No: 6/33/52/*S/0220 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN NR LOW BANK FARM Data Type: Line Name: VEAL	Annual Volume (m³): 4495 Max Daily Volume (m³): 225 Application No: - Original Start Date: 13/09/2007 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 13/09/2007 Version End Date:
Not	1142	NW	543200	Status: Historical	Annual Volume (m³): 4495

ID	Distance (m)	Direction	NGR	Details
shown			281500	Licence No: 6/33/52/*S/0201 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN NR LOW BANK FARM Data Type: Line Name: VEAL Max Daily Volume (m³): 225 Application No: - Original Start Date: 20/05/2002 Expiry Date: 31/10/2007 Issue No: 1 Version Start Date: 20/05/2002 Version End Date:
Not shown	1156	E	545310 280980	Status: Active Licence No: 6/33/52/*S/0220 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: CATCHWATER DRAIN NEAR MEPAL Data Type: Line Name: VEAL Annual Volume (m³): 4495 Max Daily Volume (m³): 225 Application No: - Original Start Date: 13/09/2007 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 13/09/2007 Version End Date:
Not shown	1181	NW	542700 280910	Status: Historical Licence No: 6/33/52/*S/0199 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN NR MEPAL Data Type: Line Name: P J LEE & SONS Annual Volume (m³): 136364 Max Daily Volume (m³): 2330 Application No: - Original Start Date: 23/04/2002 Expiry Date: 31/03/2013 Issue No: 3 Version Start Date: 13/06/2007 Version End Date:
Not shown	1183	NE	544730 281660	Status: Active Licence No: 6/33/52/*S/0220 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: CATCHWATER DRAIN NEAR MEPAL Data Type: Line Name: VEAL Annual Volume (m³): 4495 Max Daily Volume (m³): 225 Application No: - Original Start Date: 13/09/2007 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 13/09/2007 Version End Date:
Not shown	1199	NW	542840 280990	Status: Historical Licence No: 6/33/26/*S/0368 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES Annual Volume (m³): 115000 Max Daily Volume (m³): 4140 Application No: - Original Start Date: 30/04/1998 Expiry Date: 30/09/2007 Issue No: 101 Version Start Date: 23/09/2003 Version End Date:
Not shown	1200	NW	542590 280982	Status: Active Licence No: 6/33/52/*S/0187 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN IN AREA OF MEPAL FEN Data Type: Line Name: P J LEE & SONS Annual Volume (m³): 910000 Max Daily Volume (m³): 21840 Application No: - Original Start Date: 09/10/1998 Expiry Date: 28/02/2023 Issue No: 103 Version Start Date: 01/11/2011 Version End Date:
Not shown	1201	NW	542972 281057	Status: Active Licence No: AN/033/0052/023 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: UN-NAMED DRAIN WITHIN SUTTON & MEPAL IDB Data Type: Line Name: P J LEE & SONS Annual Volume (m³): 77868.4 Max Daily Volume (m³): 2330 Application No: - Original Start Date: 29/05/2013 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 29/05/2013 Version End Date:
Not shown	1204	NW	542810 280970	Status: Active Licence No: 6/33/52/*S/0189 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES Annual Volume (m³): 36000 Max Daily Volume (m³): 1600 Application No: - Original Start Date: 21/12/1999 Expiry Date: 29/02/2024 Issue No: 2 Version Start Date: 07/12/2010 Version End Date:
Not	1204	NW	542810	Status: Active Annual Volume (m³): 4495

ID	Distance (m)	Direction	NGR	Details
shown			280970	Licence No: 6/33/52/*S/0220 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: VEAL Max Daily Volume (m³): 225 Application No: - Original Start Date: 13/09/2007 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 13/09/2007 Version End Date:
Not shown	1227	N	543580 282230	Status: Historical Licence No: 6/33/26/*S/0368 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES Annual Volume (m³): 115000 Max Daily Volume (m³): 4140 Application No: - Original Start Date: 30/04/1998 Expiry Date: 30/09/2007 Issue No: 101 Version Start Date: 23/09/2003 Version End Date:
Not shown	1244	W	542800 280900	Status: Historical Licence No: 6/33/52/*S/0220 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: VEAL Annual Volume (m³): 4495 Max Daily Volume (m³): 225 Application No: - Original Start Date: 13/09/2007 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 13/09/2007 Version End Date:
Not shown	1244	W	542800 280900	Status: Historical Licence No: 6/33/52/*S/0189 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES Annual Volume (m³): 36000 Max Daily Volume (m³): 1600 Application No: - Original Start Date: 21/12/1999 Expiry Date: 29/02/2024 Issue No: 1 Version Start Date: 21/12/1999 Version End Date:
Not shown	1244	W	542800 280900	Status: Historical Licence No: 6/33/52/*S/0201 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: VEAL Annual Volume (m³): 4495 Max Daily Volume (m³): 225 Application No: - Original Start Date: 20/05/2002 Expiry Date: 31/10/2007 Issue No: 1 Version Start Date: 20/05/2002 Version End Date:
Not shown	1244	W	542800 280400	Status: Historical Licence No: 6/33/52/*S/0167 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: IDB DRAIN-50 ACRE ALLOT. 'I' Data Type: Line Name: F G HARRISON & SONS Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 01/11/1996 Expiry Date: 30/09/2001 Issue No: 100 Version Start Date: 01/11/1996 Version End Date:
Not shown	1244	W	542800 280400	Status: Active Licence No: 6/33/52/*S/0217 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: IDB DRAIN-50 ACRE ALLOT. 'I' Data Type: Line Name: F G HARRISON & SONS Annual Volume (m³): 20000 Max Daily Volume (m³): 409 Application No: - Original Start Date: 17/05/2007 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 17/05/2007 Version End Date:
Not shown	1244	W	542800 280400	Status: Historical Licence No: 6/33/52/*S/0198 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: IDB DRAIN-50 ACRE ALLOT. 'I' Data Type: Line Name: F G HARRISON & SONS Annual Volume (m³): 20000 Max Daily Volume (m³): 409 Application No: - Original Start Date: 08/02/2002 Expiry Date: 31/03/2007 Issue No: 1 Version Start Date: 08/02/2002 Version End Date:
Not shown	1291	NW	542780 281400	Status: Historical Licence No: 6/33/26/*S/0368 Annual Volume (m³): 115000 Max Daily Volume (m³): 4140

ID	Distance (m)	Direction	NGR	Details
				Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES Application No: - Original Start Date: 30/04/1998 Expiry Date: 30/09/2007 Issue No: 101 Version Start Date: 23/09/2003 Version End Date:
Not shown	1297	N	543680 281800	Status: Active Licence No: 6/33/52/*S/0189 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES Annual Volume (m³): 36000 Max Daily Volume (m³): 1600 Application No: - Original Start Date: 21/12/1999 Expiry Date: 29/02/2024 Issue No: 2 Version Start Date: 07/12/2010 Version End Date:
Not shown	1298	NW	543200 281700	Status: Historical Licence No: 6/33/52/*S/0182 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL FEN Data Type: Line Name: BROOK POULTRY LTD Annual Volume (m³): 6818 Max Daily Volume (m³): 340.9 Application No: - Original Start Date: 01/02/1998 Expiry Date: 31/10/2007 Issue No: 101 Version Start Date: 25/08/1999 Version End Date:
Not shown	1298	NW	543200 281700	Status: Active Licence No: 6/33/52/*S/0222 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL FEN Data Type: Line Name: BROOK POULTRY LTD Annual Volume (m³): 6818 Max Daily Volume (m³): 340.9 Application No: - Original Start Date: 21/02/2008 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 19/03/2010 Version End Date:
Not shown	1302	N	543690 281810	Status: Historical Licence No: 6/33/26/*S/0368 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES Annual Volume (m³): 115000 Max Daily Volume (m³): 4140 Application No: - Original Start Date: 30/04/1998 Expiry Date: 30/09/2007 Issue No: 101 Version Start Date: 23/09/2003 Version End Date:
Not shown	1314	N	543900 282100	Status: Active Licence No: 6/33/52/*S/0220 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: VEAL Annual Volume (m³): 4495 Max Daily Volume (m³): 225 Application No: - Original Start Date: 13/09/2007 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 13/09/2007 Version End Date:
Not shown	1314	N	543900 282100	Status: Historical Licence No: 6/33/52/*S/0201 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: VEAL Annual Volume (m³): 4495 Max Daily Volume (m³): 225 Application No: - Original Start Date: 20/05/2002 Expiry Date: 31/10/2007 Issue No: 1 Version Start Date: 20/05/2002 Version End Date:
Not shown	1328	W	542750 281080	Status: Historical Licence No: 6/33/52/*S/0144 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL FEN Data Type: Line Name: VEAL Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 21/08/1992 Expiry Date: 31/10/2001 Issue No: 101 Version Start Date: 01/10/1999 Version End Date:
Not shown	1345	W	542581 280977	Status: Active Licence No: AN/033/0052/023 Details: Spray Irrigation - Direct Annual Volume (m³): 77868.4 Max Daily Volume (m³): 2330 Application No: -

ID	Distance (m)	Direction	NGR	Details
				Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: UN-NAMED DRAIN WITHIN SUTTON & MEPAL IDB Data Type: Line Name: P J LEE & SONS Original Start Date: 29/05/2013 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 29/05/2013 Version End Date:
Not shown	1346	W	542700 280600	Status: Historical Licence No: 6/33/52/*S/0189 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES Annual Volume (m³): 36000 Max Daily Volume (m³): 1600 Application No: - Original Start Date: 21/12/1999 Expiry Date: 29/02/2024 Issue No: 1 Version Start Date: 21/12/1999 Version End Date:
Not shown	1347	NE	544910 281750	Status: Historical Licence No: 6/33/26/*S/0368 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT WITCHAM Data Type: Line Name: KING FARM SERVICES Annual Volume (m³): 115000 Max Daily Volume (m³): 4140 Application No: - Original Start Date: 30/04/1998 Expiry Date: 30/09/2007 Issue No: 101 Version Start Date: 23/09/2003 Version End Date:
Not shown	1348	W	542650 280730	Status: Historical Licence No: 6/33/26/*S/0368 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES Annual Volume (m³): 115000 Max Daily Volume (m³): 4140 Application No: - Original Start Date: 30/04/1998 Expiry Date: 30/09/2007 Issue No: 101 Version Start Date: 23/09/2003 Version End Date:
Not shown	1348	W	542650 280730	Status: Historical Licence No: 6/33/26/*S/0462 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES Annual Volume (m³): 115000 Max Daily Volume (m³): 4140 Application No: - Original Start Date: 12/06/2008 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 12/06/2008 Version End Date:
Not shown	1348	W	542650 280730	Status: Historical Licence No: AN/033/0052/007 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES Annual Volume (m³): 115000 Max Daily Volume (m³): 3960 Application No: - Original Start Date: 11/08/2010 Expiry Date: 31/03/2025 Issue No: 2 Version Start Date: 10/09/2013 Version End Date:
Not shown	1353	N	543600 282200	Status: Historical Licence No: 6/33/52/*S/0189 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES Annual Volume (m³): 36000 Max Daily Volume (m³): 1600 Application No: - Original Start Date: 21/12/1999 Expiry Date: 29/02/2024 Issue No: 1 Version Start Date: 21/12/1999 Version End Date:
Not shown	1353	W	542540 281080	Status: Active Licence No: AN/033/0052/010 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT SUTTON Data Type: Line Name: HARRISON Annual Volume (m³): 20000 Max Daily Volume (m³): 409 Application No: - Original Start Date: 01/11/2010 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 01/11/2010 Version End Date:
Not shown	1353	W	542690 280560	Status: Active Licence No: AN/033/0052/010 Details: Spray Irrigation - Direct Annual Volume (m³): 20000 Max Daily Volume (m³): 409 Application No: -

ID	Distance (m)	Direction	NGR	Details	
				Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT SUTTON Data Type: Line Name: HARRISON	Original Start Date: 01/11/2010 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 01/11/2010 Version End Date:
Not shown	1353	W	542540 281080	Status: Historical Licence No: 6/33/52/*S/0192 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT SUTTON Data Type: Line Name: HARRISON	Annual Volume (m³): 20000 Max Daily Volume (m³): 409 Application No: - Original Start Date: 05/06/2001 Expiry Date: 31/10/2010 Issue No: 1 Version Start Date: 05/06/2001 Version End Date:
Not shown	1353	W	542690 280560	Status: Historical Licence No: 6/33/52/*S/0192 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT SUTTON Data Type: Line Name: HARRISON	Annual Volume (m³): 20000 Max Daily Volume (m³): 409 Application No: - Original Start Date: 05/06/2001 Expiry Date: 31/10/2010 Issue No: 1 Version Start Date: 05/06/2001 Version End Date:
Not shown	1358	W	542550 281080	Status: Historical Licence No: 6/33/52/*S/0199 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN NR MEPAL Data Type: Line Name: P J LEE & SONS	Annual Volume (m³): 136364 Max Daily Volume (m³): 2330 Application No: - Original Start Date: 23/04/2002 Expiry Date: 31/03/2013 Issue No: 3 Version Start Date: 13/06/2007 Version End Date:
Not shown	1358	W	542526 281179	Status: Active Licence No: 6/33/52/*S/0187 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN ALONG BLOCKMOOR DROVE Data Type: Line Name: P J LEE & SONS	Annual Volume (m³): 910000 Max Daily Volume (m³): 21840 Application No: - Original Start Date: 09/10/1998 Expiry Date: 28/02/2023 Issue No: 103 Version Start Date: 01/11/2011 Version End Date:
Not shown	1368	W	542680 280620	Status: Active Licence No: 6/33/52/*S/0189 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES	Annual Volume (m³): 36000 Max Daily Volume (m³): 1600 Application No: - Original Start Date: 21/12/1999 Expiry Date: 29/02/2024 Issue No: 2 Version Start Date: 07/12/2010 Version End Date:
Not shown	1368	W	542680 280620	Status: Historical Licence No: 6/33/52/*S/0189 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: BOURNE BROOK (POINT 1) Data Type: Line Name: KING FARM SERVICES	Annual Volume (m³): 36000 Max Daily Volume (m³): 1600 Application No: - Original Start Date: 21/12/1999 Expiry Date: 29/02/2024 Issue No: 2 Version Start Date: 07/12/2010 Version End Date:
Not shown	1368	W	542680 280620	Status: Historical Licence No: 6/33/32/*S/0021 Details: Spray Irrigation - Storage Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: BOURNE BROOK (POINT 1) Data Type: Line Name: TRUMPINGTON FARM CO	Annual Volume (m³): 159100 Max Daily Volume (m³): 5106 Application No: - Original Start Date: 01/11/1978 Expiry Date: - Issue No: 101 Version Start Date: 10/05/2005 Version End Date:
Not shown	1368	W	542680 280620	Status: Historical Licence No: 6/33/32/*S/0021 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF	Annual Volume (m³): 159100 Max Daily Volume (m³): 5106 Application No: - Original Start Date: 01/11/1978

ID	Distance (m)	Direction	NGR	Details
				<p>SUPPLY Point: BOURNE BROOK (POINT 1) Data Type: Line Name: TRUMPINGTON FARM CO</p> <p>Expiry Date: - Issue No: 101 Version Start Date: 10/05/2005 Version End Date:</p>
Not shown	1381	N	543910 282110	<p>Status: Active Licence No: 6/33/52/*S/0189 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES</p> <p>Annual Volume (m³): 36000 Max Daily Volume (m³): 1600 Application No: - Original Start Date: 21/12/1999 Expiry Date: 29/02/2024 Issue No: 2 Version Start Date: 07/12/2010 Version End Date:</p>
Not shown	1383	N	543700 281900	<p>Status: Historical Licence No: 6/33/52/*S/0201 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: VEAL</p> <p>Annual Volume (m³): 4495 Max Daily Volume (m³): 225 Application No: - Original Start Date: 20/05/2002 Expiry Date: 31/10/2007 Issue No: 1 Version Start Date: 20/05/2002 Version End Date:</p>
Not shown	1383	N	543700 281900	<p>Status: Active Licence No: 6/33/52/*S/0220 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: VEAL</p> <p>Annual Volume (m³): 4495 Max Daily Volume (m³): 225 Application No: - Original Start Date: 13/09/2007 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 13/09/2007 Version End Date:</p>
Not shown	1401	N	543590 282250	<p>Status: Historical Licence No: 6/33/52/*S/0194 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: PEARSON</p> <p>Annual Volume (m³): 36362 Max Daily Volume (m³): 818 Application No: - Original Start Date: 28/06/2001 Expiry Date: 31/10/2010 Issue No: 1 Version Start Date: 28/06/2001 Version End Date:</p>
Not shown	1401	N	543580 282240	<p>Status: Active Licence No: 6/33/52/*S/0223 Details: Spray Irrigation - Storage Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: ALLAN PARTNERS</p> <p>Annual Volume (m³): 81800 Max Daily Volume (m³): 1745.5 Application No: - Original Start Date: 25/02/2008 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 25/02/2008 Version End Date:</p>
Not shown	1401	N	543580 282240	<p>Status: Active Licence No: 6/33/52/*S/0223 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: ALLAN PARTNERS</p> <p>Annual Volume (m³): 81800 Max Daily Volume (m³): 1745.5 Application No: - Original Start Date: 25/02/2008 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 25/02/2008 Version End Date:</p>
Not shown	1404	N	543580 282244	<p>Status: Active Licence No: AN/033/0052/003 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT BLACK BRIDGE Data Type: Line Name: PEARSON</p> <p>Annual Volume (m³): 20000 Max Daily Volume (m³): 600 Application No: - Original Start Date: 01/11/2010 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 01/11/2010 Version End Date:</p>
Not shown	1404	N	543580 281950	<p>Status: Active Licence No: 6/33/52/*S/0189 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY</p> <p>Annual Volume (m³): 36000 Max Daily Volume (m³): 1600 Application No: - Original Start Date: 21/12/1999 Expiry Date: 29/02/2024</p>

ID	Distance (m)	Direction	NGR	Details	
				Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES	Issue No: 2 Version Start Date: 07/12/2010 Version End Date:
Not shown	1406	W	542650 281000	Status: Historical Licence No: 6/33/52/*S/0199 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN NR MEPAL Data Type: Line Name: P J LEE & SONS	Annual Volume (m³): 136364 Max Daily Volume (m³): 2330 Application No: - Original Start Date: 23/04/2002 Expiry Date: 31/03/2013 Issue No: 3 Version Start Date: 13/06/2007 Version End Date:
Not shown	1413	N	543600 282800	Status: Historical Licence No: 6/33/52/*S/0189 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES	Annual Volume (m³): 36000 Max Daily Volume (m³): 1600 Application No: - Original Start Date: 21/12/1999 Expiry Date: 29/02/2024 Issue No: 1 Version Start Date: 21/12/1999 Version End Date:
Not shown	1474	NE	544900 281900	Status: Historical Licence No: 6/33/26/*S/0405 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT COWCROFT DROVE, THE CORKERETS Data Type: Line Name: CAMBRIDGESHIRE TURF NURSERIES	Annual Volume (m³): 4545 Max Daily Volume (m³): 54.5 Application No: - Original Start Date: 20/06/2002 Expiry Date: 31/03/2013 Issue No: 1 Version Start Date: 20/06/2002 Version End Date:
Not shown	1480	W	542580 280990	Status: Historical Licence No: 6/33/52/*S/0199 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN NR MEPAL Data Type: Line Name: P J LEE & SONS	Annual Volume (m³): 136364 Max Daily Volume (m³): 2330 Application No: - Original Start Date: 23/04/2002 Expiry Date: 31/03/2013 Issue No: 3 Version Start Date: 13/06/2007 Version End Date:
Not shown	1491	W	542300 280600	Status: Historical Licence No: 6/33/52/*S/0168 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT BLOCKMOOR Data Type: Line Name: P J LEE & SONS	Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 01/10/1996 Expiry Date: 31/10/2001 Issue No: 100 Version Start Date: 01/10/1996 Version End Date:
Not shown	1501	W	542450 281070	Status: Active Licence No: AN/033/0052/010 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT SUTTON Data Type: Line Name: HARRISON	Annual Volume (m³): 20000 Max Daily Volume (m³): 409 Application No: - Original Start Date: 01/11/2010 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 01/11/2010 Version End Date:
Not shown	1501	W	542550 280660	Status: Active Licence No: AN/033/0052/010 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT SUTTON Data Type: Line Name: HARRISON	Annual Volume (m³): 20000 Max Daily Volume (m³): 409 Application No: - Original Start Date: 01/11/2010 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 01/11/2010 Version End Date:
Not shown	1501	W	542450 281070	Status: Historical Licence No: 6/33/52/*S/0192 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY	Annual Volume (m³): 20000 Max Daily Volume (m³): 409 Application No: - Original Start Date: 05/06/2001 Expiry Date: 31/10/2010

ID	Distance (m)	Direction	NGR	Details	
				Point: DRAIN AT SUTTON Data Type: Line Name: HARRISON	Issue No: 1 Version Start Date: 05/06/2001 Version End Date:
Not shown	1501	W	542550 280660	Status: Historical Licence No: 6/33/52/*S/0192 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT SUTTON Data Type: Line Name: HARRISON	Annual Volume (m³): 20000 Max Daily Volume (m³): 409 Application No: - Original Start Date: 05/06/2001 Expiry Date: 31/10/2010 Issue No: 1 Version Start Date: 05/06/2001 Version End Date:
Not shown	1527	W	542600 281200	Status: Historical Licence No: 6/33/52/*S/0182 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT BLOCKMOOR FEN Data Type: Line Name: BROOK POULTRY LTD	Annual Volume (m³): 6818 Max Daily Volume (m³): 340.9 Application No: - Original Start Date: 01/02/1998 Expiry Date: 31/10/2007 Issue No: 101 Version Start Date: 25/08/1999 Version End Date:
Not shown	1527	W	542600 281200	Status: Active Licence No: 6/33/52/*S/0222 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT BLOCKMOOR FEN Data Type: Line Name: BROOK POULTRY LTD	Annual Volume (m³): 6818 Max Daily Volume (m³): 340.9 Application No: - Original Start Date: 21/02/2008 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 19/03/2010 Version End Date:
Not shown	1541	W	542500 280500	Status: Active Licence No: 6/33/52/*S/0220 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT FIFTY ACRE ALLOTMENT Data Type: Line Name: VEAL	Annual Volume (m³): 4495 Max Daily Volume (m³): 225 Application No: - Original Start Date: 13/09/2007 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 13/09/2007 Version End Date:
Not shown	1541	W	542500 280500	Status: Historical Licence No: 6/33/52/*S/0201 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT FIFTY ACRE ALLOTMENT Data Type: Line Name: VEAL	Annual Volume (m³): 4495 Max Daily Volume (m³): 225 Application No: - Original Start Date: 20/05/2002 Expiry Date: 31/10/2007 Issue No: 1 Version Start Date: 20/05/2002 Version End Date:
Not shown	1541	W	542400 280500	Status: Historical Licence No: 6/33/52/*S/0182 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN NEAR NORTH FEN FARM Data Type: Line Name: BROOK POULTRY LTD	Annual Volume (m³): 6818 Max Daily Volume (m³): 340.9 Application No: - Original Start Date: 01/02/1998 Expiry Date: 31/10/2007 Issue No: 101 Version Start Date: 25/08/1999 Version End Date:
Not shown	1559	NE	544992 281947	Status: Active Licence No: AN/033/0026/024 Details: General Use Relating To Secondary Category (Very Low Loss) Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT COVENEY Data Type: Line Name: RSPB	Annual Volume (m³): 390000 Max Daily Volume (m³): 15670 Application No: - Original Start Date: 14/10/2015 Expiry Date: 31/03/2025 Issue No: 3 Version Start Date: 08/02/2018 Version End Date:
Not shown	1561	NE	545559 282188	Status: Historical Licence No: AN/033/0026/006 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY	Annual Volume (m³): 20000 Max Daily Volume (m³): 818 Application No: - Original Start Date: 01/11/2010 Expiry Date: 31/03/2025

ID	Distance (m)	Direction	NGR	Details	
				Point: DRAIN AT WITCHAM Data Type: Line Name: PEARSON	Issue No: 1 Version Start Date: 01/11/2010 Version End Date:
Not shown	1564	N	543880 282550	Status: Historical Licence No: 6/33/26/*S/0462 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES	Annual Volume (m³): 115000 Max Daily Volume (m³): 4140 Application No: - Original Start Date: 12/06/2008 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 12/06/2008 Version End Date:
Not shown	1564	N	543880 282550	Status: Historical Licence No: AN/033/0052/007 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES	Annual Volume (m³): 115000 Max Daily Volume (m³): 3960 Application No: - Original Start Date: 11/08/2010 Expiry Date: 31/03/2025 Issue No: 2 Version Start Date: 10/09/2013 Version End Date:
Not shown	1564	N	543880 282550	Status: Historical Licence No: 6/33/26/*S/0368 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES	Annual Volume (m³): 115000 Max Daily Volume (m³): 4140 Application No: - Original Start Date: 30/04/1998 Expiry Date: 30/09/2007 Issue No: 101 Version Start Date: 23/09/2003 Version End Date:
Not shown	1566	NW	542900 281600	Status: Historical Licence No: 6/33/52/*S/0181 Details: Spray Irrigation - Storage Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL NR RES. NO.2 Data Type: Point Name: ADAS CONSULTING LTD	Annual Volume (m³): 70000 Max Daily Volume (m³): 1500 Application No: - Original Start Date: 01/01/1998 Expiry Date: 28/02/2022 Issue No: 100 Version Start Date: 24/12/1998 Version End Date:
Not shown	1566	NW	542900 281600	Status: Active Licence No: AN/033/0052/013 Details: Spray Irrigation - Storage Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL NR RES. NO.2 Data Type: Point Name: VEAL	Annual Volume (m³): 35000 Max Daily Volume (m³): 750 Application No: - Original Start Date: 10/08/2011 Expiry Date: 31/03/2022 Issue No: 2 Version Start Date: 10/08/2011 Version End Date:
Not shown	1567	N	544147 282163	Status: Active Licence No: AN/033/0052/023 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: UN-NAMED DRAIN WITHIN SUTTON & MEPAL IDB Data Type: Line Name: P J LEE & SONS	Annual Volume (m³): 77868.4 Max Daily Volume (m³): 2330 Application No: - Original Start Date: 29/05/2013 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 29/05/2013 Version End Date:
Not shown	1573	NW	542570 281280	Status: Historical Licence No: 6/33/26/*S/0368 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES	Annual Volume (m³): 115000 Max Daily Volume (m³): 4140 Application No: - Original Start Date: 30/04/1998 Expiry Date: 30/09/2007 Issue No: 101 Version Start Date: 23/09/2003 Version End Date:
Not shown	1574	NE	545560 282180	Status: Historical Licence No: 6/33/52/*S/0194 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY	Annual Volume (m³): 36362 Max Daily Volume (m³): 818 Application No: - Original Start Date: 28/06/2001 Expiry Date: 31/10/2010

ID	Distance (m)	Direction	NGR	Details	
				Point: DRAIN AT WITCHAM Data Type: Line Name: PEARSON	Issue No: 1 Version Start Date: 28/06/2001 Version End Date:
Not shown	1577	NW	542514 281188	Status: Active Licence No: AN/033/0052/023 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: UN-NAMED DRAIN WITHIN SUTTON & MEPAL IDB Data Type: Line Name: P J LEE & SONS	Annual Volume (m³): 77868.4 Max Daily Volume (m³): 2330 Application No: - Original Start Date: 29/05/2013 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 29/05/2013 Version End Date:
Not shown	1586	NE	545250 282060	Status: Historical Licence No: 6/33/26/*S/0368 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT THE CORKERETS Data Type: Line Name: KING FARM SERVICES	Annual Volume (m³): 115000 Max Daily Volume (m³): 4140 Application No: - Original Start Date: 30/04/1998 Expiry Date: 30/09/2007 Issue No: 101 Version Start Date: 23/09/2003 Version End Date:
Not shown	1586	NE	545250 282060	Status: Historical Licence No: 6/33/26/*S/0462 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT THE CORKERETS Data Type: Line Name: KING FARM SERVICES	Annual Volume (m³): 115000 Max Daily Volume (m³): 4140 Application No: - Original Start Date: 12/06/2008 Expiry Date: 31/03/2025 Issue No: 2 Version Start Date: 11/08/2010 Version End Date:
Not shown	1596	W	542200 280900	Status: Historical Licence No: 6/33/52/*S/0198 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: IDB DRAIN-NR BLOCKMOOR FM 'C' Data Type: Line Name: F G HARRISON & SONS	Annual Volume (m³): 20000 Max Daily Volume (m³): 409 Application No: - Original Start Date: 08/02/2002 Expiry Date: 31/03/2007 Issue No: 1 Version Start Date: 08/02/2002 Version End Date:
Not shown	1596	W	542200 280900	Status: Historical Licence No: 6/33/52/*S/0167 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: IDB DRAIN-NR BLOCKMOOR FM 'C' Data Type: Line Name: F G HARRISON & SONS	Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 01/11/1996 Expiry Date: 30/09/2001 Issue No: 100 Version Start Date: 01/11/1996 Version End Date:
Not shown	1596	W	542200 280900	Status: Active Licence No: 6/33/52/*S/0217 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: IDB DRAIN-NR BLOCKMOOR FM 'C' Data Type: Line Name: F G HARRISON & SONS	Annual Volume (m³): 20000 Max Daily Volume (m³): 409 Application No: - Original Start Date: 17/05/2007 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 17/05/2007 Version End Date:
Not shown	1598	N	542734 282532	Status: Active Licence No: 6/33/52/*S/0187 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN IN AREA OF MEPAL FEN Data Type: Line Name: P J LEE & SONS	Annual Volume (m³): 910000 Max Daily Volume (m³): 21840 Application No: - Original Start Date: 09/10/1998 Expiry Date: 28/02/2023 Issue No: 103 Version Start Date: 01/11/2011 Version End Date:
Not shown	1598	NW	542600 281200	Status: Historical Licence No: 6/33/52/*S/0189 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY	Annual Volume (m³): 36000 Max Daily Volume (m³): 1600 Application No: - Original Start Date: 21/12/1999 Expiry Date: 29/02/2024

ID	Distance (m)	Direction	NGR	Details	
				Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES	Issue No: 1 Version Start Date: 21/12/1999 Version End Date:
Not shown	1601	NW	543270 281940	Status: Historical Licence No: 6/33/52/*S/0188 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: PIT -14- MEPAL Data Type: Line Name: VEAL	Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 30/11/1998 Expiry Date: 31/10/2001 Issue No: 100 Version Start Date: 29/03/1999 Version End Date:
Not shown	1602	NE	545276 281797	Status: Historical Licence No: AN/033/0026/040 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT THE CORKERETS Data Type: Line Name: KING FARM SERVICES	Annual Volume (m³): 92000 Max Daily Volume (m³): 3105 Application No: - Original Start Date: 10/09/2013 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 10/09/2013 Version End Date:
Not shown	1605	N	544100 282200	Status: Historical Licence No: 6/33/52/*S/0189 Details: Spray Irrigation - Storage Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Point Name: KING FARM SERVICES	Annual Volume (m³): 36000 Max Daily Volume (m³): 1600 Application No: - Original Start Date: 21/12/1999 Expiry Date: 29/02/2024 Issue No: 1 Version Start Date: 21/12/1999 Version End Date:
Not shown	1605	N	543600 282500	Status: Historical Licence No: 6/33/52/*S/0189 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES	Annual Volume (m³): 36000 Max Daily Volume (m³): 1600 Application No: - Original Start Date: 21/12/1999 Expiry Date: 29/02/2024 Issue No: 1 Version Start Date: 21/12/1999 Version End Date:
Not shown	1606	NE	545340 282090	Status: Historical Licence No: 6/33/26/*S/0368 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT THE CORKERETS Data Type: Line Name: KING FARM SERVICES	Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 01/04/1998 Expiry Date: 30-Sep-07 Issue No: 100 Version Start Date: 01/04/1998 Version End Date:
Not shown	1644	N	543890 282550	Status: Active Licence No: 6/33/52/*S/0189 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES	Annual Volume (m³): 36000 Max Daily Volume (m³): 1600 Application No: - Original Start Date: 21/12/1999 Expiry Date: 29/02/2024 Issue No: 2 Version Start Date: 07/12/2010 Version End Date:
Not shown	1653	E	545850 280900	Status: Historical Licence No: 6/33/26/*S/0411 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN -1- WITCHAM HYTHE Data Type: Line Name: F G HARRISON & SONS	Annual Volume (m³): 22700 Max Daily Volume (m³): 409.1 Application No: - Original Start Date: 28/11/2002 Expiry Date: 31/03/2013 Issue No: 1 Version Start Date: 28/11/2002 Version End Date:
Not shown	1653	E	545850 280900	Status: Historical Licence No: 6/33/26/*S/0310 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN -1- WITCHAM HYTHE	Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 01/02/1993 Expiry Date: 30/09/2002 Issue No: 100

ID	Distance (m)	Direction	NGR	Details	
Not shown	1660	NW	542400 281400	Data Type: Line Name: F G HARRISON & SONS	Version Start Date: 01/11/1996 Version End Date:
				Status: Historical Licence No: 6/33/52/*S/0189 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES	Annual Volume (m³): 36000 Max Daily Volume (m³): 1600 Application No: - Original Start Date: 21/12/1999 Expiry Date: 29/02/2024 Issue No: 1 Version Start Date: 21/12/1999 Version End Date:
Not shown	1660	E	545852 280926	Status: Active Licence No: AN/033/0026/028 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT WITCHAM HYTHE Data Type: Line Name: F G HARRISON & SONS	Annual Volume (m³): 22700 Max Daily Volume (m³): 409.1 Application No: - Original Start Date: 01/04/2013 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 01/04/2013 Version End Date:
				Status: Active Licence No: 6/33/52/*S/0189 Details: Spray Irrigation - Storage Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Point Name: KING FARM SERVICES	Annual Volume (m³): 36000 Max Daily Volume (m³): 1600 Application No: - Original Start Date: 21/12/1999 Expiry Date: 29/02/2024 Issue No: 2 Version Start Date: 07/12/2010 Version End Date:
Not shown	1679	NW	542700 281760	Status: Historical Licence No: 6/33/52/*S/0142 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL FEN Data Type: Line Name: P J LEE & SONS	Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 01/07/1992 Expiry Date: 31/10/2001 Issue No: 100 Version Start Date: 01/06/1997 Version End Date:
				Status: Historical Licence No: 6/33/52/*S/0199 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL FEN Data Type: Line Name: P J LEE & SONS	Annual Volume (m³): 136364 Max Daily Volume (m³): 2330 Application No: - Original Start Date: 23/04/2002 Expiry Date: 31/03/2013 Issue No: 3 Version Start Date: 13/06/2007 Version End Date:
Not shown	1681	NW	543470 282130	Status: Historical Licence No: 6/33/52/*S/0184 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Point Name: ALLAN PARTNERS	Annual Volume (m³): 81800 Max Daily Volume (m³): 1745.5 Application No: - Original Start Date: 01/04/1998 Expiry Date: 30/09/2007 Issue No: 101 Version Start Date: 19/05/2000 Version End Date:
				Status: Historical Licence No: 6/33/26/*S/0289 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN-THE CORKERETS, WITCHAM 1 Data Type: Line Name: BIBBY	Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 01/03/1992 Expiry Date: 31/10/2001 Issue No: 100 Version Start Date: 01/04/1993 Version End Date:
Not shown	1689	S	544300 278700	Status: Historical Licence No: 6/33/26/*S/0299 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN 17- SOUTH FEN- SUTTON Data Type: Line	Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 01/09/1992 Expiry Date: 31/10/2001 Issue No: 100 Version Start Date: 01/02/1997

ID	Distance (m)	Direction	NGR	Details	
Not shown	1690	N	543250 282490	Name: E W CHAMBERS & SONS	Version End Date:
				Status: Historical Licence No: AN/033/0052/007 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES	Annual Volume (m³): 115000 Max Daily Volume (m³): 3960 Application No: - Original Start Date: 11/08/2010 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 11/08/2010 Version End Date:
Not shown	1690	N	543250 282490	Name: E W CHAMBERS & SONS	Version End Date:
				Status: Historical Licence No: 6/33/26/*S/0462 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES	Annual Volume (m³): 115000 Max Daily Volume (m³): 4140 Application No: - Original Start Date: 12/06/2008 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 12/06/2008 Version End Date:
Not shown	1690	N	543250 282490	Name: E W CHAMBERS & SONS	Version End Date:
				Status: Historical Licence No: 6/33/52/*S/0194 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: PEARSON	Annual Volume (m³): 36362 Max Daily Volume (m³): 818 Application No: - Original Start Date: 28/06/2001 Expiry Date: 31/10/2010 Issue No: 1 Version Start Date: 28/06/2001 Version End Date:
Not shown	1690	N	543250 282490	Name: E W CHAMBERS & SONS	Version End Date:
				Status: Historical Licence No: 6/33/26/*S/0368 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES	Annual Volume (m³): 115000 Max Daily Volume (m³): 4140 Application No: - Original Start Date: 30/04/1998 Expiry Date: 30/09/2007 Issue No: 101 Version Start Date: 23/09/2003 Version End Date:
Not shown	1697	E	545809 281189	Name: E W CHAMBERS & SONS	Version End Date:
				Status: Active Licence No: AN/033/0026/028 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT WITCHAM HYTHE Data Type: Line Name: F G HARRISON & SONS	Annual Volume (m³): 22700 Max Daily Volume (m³): 409.1 Application No: - Original Start Date: 01/04/2013 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 01/04/2013 Version End Date:
Not shown	1699	NW	542410 281520	Name: E W CHAMBERS & SONS	Version End Date:
				Status: Active Licence No: 6/33/52/*S/0189 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES	Annual Volume (m³): 36000 Max Daily Volume (m³): 1600 Application No: - Original Start Date: 21/12/1999 Expiry Date: 29/02/2024 Issue No: 2 Version Start Date: 07/12/2010 Version End Date:
Not shown	1699	NW	542460 281370	Name: E W CHAMBERS & SONS	Version End Date:
				Status: Historical Licence No: 6/33/26/*S/0368 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES	Annual Volume (m³): 115000 Max Daily Volume (m³): 4140 Application No: - Original Start Date: 30/04/1998 Expiry Date: 30/09/2007 Issue No: 101 Version Start Date: 23/09/2003 Version End Date:
Not shown	1699	NW	542460 281370	Name: E W CHAMBERS & SONS	Version End Date:
				Status: Historical Licence No: 6/33/26/*S/0462 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES	Annual Volume (m³): 115000 Max Daily Volume (m³): 4140 Application No: - Original Start Date: 12/06/2008 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 12/06/2008 Version End Date:

ID	Distance (m)	Direction	NGR	Details	
Not shown	1699	NW	542420 281540	Status: Historical Licence No: 6/33/52/*S/0199 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL FEN Data Type: Line Name: P J LEE & SONS	Annual Volume (m³): 136364 Max Daily Volume (m³): 2330 Application No: - Original Start Date: 23/04/2002 Expiry Date: 31/03/2013 Issue No: 3 Version Start Date: 13/06/2007 Version End Date:
Not shown	1699	NW	542420 281540	Status: Historical Licence No: 6/33/52/*S/0142 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL FEN Data Type: Line Name: P J LEE & SONS	Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 01/07/1992 Expiry Date: 31/10/2001 Issue No: 100 Version Start Date: 01/06/1997 Version End Date:
Not shown	1699	NW	542460 281370	Status: Historical Licence No: AN/033/0052/007 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES	Annual Volume (m³): 115000 Max Daily Volume (m³): 3960 Application No: - Original Start Date: 11/08/2010 Expiry Date: 31/03/2025 Issue No: 2 Version Start Date: 10/09/2013 Version End Date:
Not shown	1701	N	543250 282490	Status: Historical Licence No: 6/33/26/*S/0368 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES	Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 01/04/1998 Expiry Date: 30/09/2007 Issue No: 100 Version Start Date: 01/04/1998 Version End Date:
Not shown	1701	N	543490 282160	Status: Active Licence No: 6/33/52/*S/0189 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES	Annual Volume (m³): 36000 Max Daily Volume (m³): 1600 Application No: - Original Start Date: 21/12/1999 Expiry Date: 29/02/2024 Issue No: 2 Version Start Date: 07/12/2010 Version End Date:
Not shown	1702	N	543250 282490	Status: Historical Licence No: AN/033/0052/007 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES	Annual Volume (m³): 115000 Max Daily Volume (m³): 3960 Application No: - Original Start Date: 11/08/2010 Expiry Date: 31/03/2025 Issue No: 2 Version Start Date: 10/09/2013 Version End Date:
Not shown	1702	N	543487 282160	Status: Active Licence No: AN/033/0052/003 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: PEARSON	Annual Volume (m³): 20000 Max Daily Volume (m³): 600 Application No: - Original Start Date: 01/11/2010 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 01/11/2010 Version End Date:
Not shown	1705	NW	542191 281087	Status: Active Licence No: 6/33/52/*S/0187 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN IN AREA OF MEPAL FARM Data Type: Line Name: P J LEE & SONS	Annual Volume (m³): 910000 Max Daily Volume (m³): 21840 Application No: - Original Start Date: 09/10/1998 Expiry Date: 28/02/2023 Issue No: 103 Version Start Date: 01/11/2011 Version End Date:
Not	1734	N	543200	Status: Historical	Annual Volume (m³): 36000

ID	Distance (m)	Direction	NGR	Details	
shown			282500	Licence No: 6/33/52/*S/0189 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES	Max Daily Volume (m³): 1600 Application No: - Original Start Date: 21/12/1999 Expiry Date: 29/02/2024 Issue No: 1 Version Start Date: 21/12/1999 Version End Date:
Not shown	1745	W	542220 280710	Status: Historical Licence No: 6/33/52/*S/0168 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT BLOCKMOOR Data Type: Line Name: P J LEE & SONS	Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 01/10/1996 Expiry Date: 31/10/2001 Issue No: 100 Version Start Date: 01/10/1996 Version End Date:
Not shown	1748	N	543580 282244	Status: Historical Licence No: AN/033/0052/003 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Point Name: PEARSON	Annual Volume (m³): 20000 Max Daily Volume (m³): 600 Application No: - Original Start Date: 01/11/2010 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 01/11/2010 Version End Date:
Not shown	1748	N	543580 282244	Status: Active Licence No: AN/033/0052/003 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: PEARSON	Annual Volume (m³): 20000 Max Daily Volume (m³): 600 Application No: - Original Start Date: 01/11/2010 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 01/11/2010 Version End Date:
Not shown	1750	N	543900 282550	Status: Historical Licence No: 6/33/52/*S/0194 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: PEARSON	Annual Volume (m³): 36362 Max Daily Volume (m³): 818 Application No: - Original Start Date: 28/06/2001 Expiry Date: 31/10/2010 Issue No: 1 Version Start Date: 28/06/2001 Version End Date:
Not shown	1752	NW	543167 282475	Status: Active Licence No: 6/33/52/*S/0187 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN IN AREA OF MEPAL FEN Data Type: Line Name: P J LEE & SONS	Annual Volume (m³): 910000 Max Daily Volume (m³): 21840 Application No: - Original Start Date: 09/10/1998 Expiry Date: 28/02/2023 Issue No: 103 Version Start Date: 01/11/2011 Version End Date:
Not shown	1769	NE	545600 281700	Status: Historical Licence No: 6/33/26/*S/0310 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN -2- WITCHAM HYTHE Data Type: Line Name: F G HARRISON & SONS	Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 01/02/1993 Expiry Date: 30/09/2002 Issue No: 100 Version Start Date: 01/11/1996 Version End Date:
Not shown	1769	NE	545600 281700	Status: Historical Licence No: 6/33/26/*S/0411 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN -2- WITCHAM HYTHE Data Type: Line Name: F G HARRISON & SONS	Annual Volume (m³): 22700 Max Daily Volume (m³): 409.1 Application No: - Original Start Date: 28/11/2002 Expiry Date: 31/03/2013 Issue No: 1 Version Start Date: 28/11/2002 Version End Date:
Not shown	1785	W	542260 280600	Status: Historical Licence No: 6/33/52/*S/0227	Annual Volume (m³): 629300 Max Daily Volume (m³): 15000

ID	Distance (m)	Direction	NGR	Details
				<p>Details: Spray Irrigation - Direct</p> <p>Direct Source: SURFACE WATER SOURCE OF SUPPLY</p> <p>Point: DRAIN AT BROADPLACE FARM</p> <p>Data Type: Line</p> <p>Name: R A LATTA FARMS LTD</p> <p>Application No: -</p> <p>Original Start Date: 01/05/2009</p> <p>Expiry Date: 31/03/2025</p> <p>Issue No: 1</p> <p>Version Start Date: 01/05/2009</p> <p>Version End Date:</p>
Not shown	1788	W	542175 280657	<p>Status: Active</p> <p>Licence No: 6/33/52/*S/0227</p> <p>Details: Spray Irrigation - Direct</p> <p>Direct Source: SURFACE WATER SOURCE OF SUPPLY</p> <p>Point: SUTTON & MEPAL IDB</p> <p>Data Type: Line</p> <p>Name: R A LATTA FARMS LTD</p> <p>Annual Volume (m³): 629300</p> <p>Max Daily Volume (m³): 15000</p> <p>Application No: -</p> <p>Original Start Date: 01/05/2009</p> <p>Expiry Date: 31/03/2025</p> <p>Issue No: 2</p> <p>Version Start Date: 06/02/2013</p> <p>Version End Date:</p>
Not shown	1788	W	542257 280596	<p>Status: Active</p> <p>Licence No: 6/33/52/*S/0227</p> <p>Details: Spray Irrigation - Direct</p> <p>Direct Source: SURFACE WATER SOURCE OF SUPPLY</p> <p>Point: SUTTON & MEPAL IDB</p> <p>Data Type: Line</p> <p>Name: R A LATTA FARMS LTD</p> <p>Annual Volume (m³): 629300</p> <p>Max Daily Volume (m³): 15000</p> <p>Application No: -</p> <p>Original Start Date: 01/05/2009</p> <p>Expiry Date: 31/03/2025</p> <p>Issue No: 2</p> <p>Version Start Date: 06/02/2013</p> <p>Version End Date:</p>
Not shown	1793	NE	545340 282090	<p>Status: Historical</p> <p>Licence No: 6/33/26/*S/0368</p> <p>Details: Spray Irrigation - Direct</p> <p>Direct Source: SURFACE WATER SOURCE OF SUPPLY</p> <p>Point: DRAINS AT THE CORKERETS</p> <p>Data Type: Line</p> <p>Name: KING FARM SERVICES</p> <p>Annual Volume (m³): 115000</p> <p>Max Daily Volume (m³): 4140</p> <p>Application No: -</p> <p>Original Start Date: 30/04/1998</p> <p>Expiry Date: 30/09/2007</p> <p>Issue No: 101</p> <p>Version Start Date: 23/09/2003</p> <p>Version End Date:</p>
Not shown	1793	NE	545340 282090	<p>Status: Historical</p> <p>Licence No: 6/33/26/*S/0462</p> <p>Details: Spray Irrigation - Direct</p> <p>Direct Source: SURFACE WATER SOURCE OF SUPPLY</p> <p>Point: DRAINS AT THE CORKERETS</p> <p>Data Type: Line</p> <p>Name: KING FARM SERVICES</p> <p>Annual Volume (m³): 115000</p> <p>Max Daily Volume (m³): 4140</p> <p>Application No: -</p> <p>Original Start Date: 12/06/2008</p> <p>Expiry Date: 31/03/2025</p> <p>Issue No: 2</p> <p>Version Start Date: 11/08/2010</p> <p>Version End Date:</p>
Not shown	1795	SW	542900 279000	<p>Status: Historical</p> <p>Licence No: 6/33/52/*S/0182</p> <p>Details: Spray Irrigation - Direct</p> <p>Direct Source: SURFACE WATER SOURCE OF SUPPLY</p> <p>Point: DRAIN AT SUTTON</p> <p>Data Type: Line</p> <p>Name: BROOK POULTRY LTD</p> <p>Annual Volume (m³): 6818</p> <p>Max Daily Volume (m³): 340.9</p> <p>Application No: -</p> <p>Original Start Date: 01/02/1998</p> <p>Expiry Date: 31/10/2007</p> <p>Issue No: 101</p> <p>Version Start Date: 25/08/1999</p> <p>Version End Date:</p>
Not shown	1795	SW	542900 279000	<p>Status: Active</p> <p>Licence No: 6/33/52/*S/0222</p> <p>Details: Spray Irrigation - Direct</p> <p>Direct Source: SURFACE WATER SOURCE OF SUPPLY</p> <p>Point: DRAIN AT SUTTON</p> <p>Data Type: Line</p> <p>Name: BROOK POULTRY LTD</p> <p>Annual Volume (m³): 6818</p> <p>Max Daily Volume (m³): 340.9</p> <p>Application No: -</p> <p>Original Start Date: 21/02/2008</p> <p>Expiry Date: 31/03/2025</p> <p>Issue No: 1</p> <p>Version Start Date: 19/03/2010</p> <p>Version End Date:</p>
Not shown	1795	W	542160 280660	<p>Status: Historical</p> <p>Licence No: 6/33/52/*S/0227</p> <p>Details: Spray Irrigation - Direct</p> <p>Direct Source: SURFACE WATER SOURCE OF SUPPLY</p> <p>Point: DRAIN AT LONG NORTH FEN DROVE</p> <p>Data Type: Line</p> <p>Name: R A LATTA FARMS LTD</p> <p>Annual Volume (m³): 629300</p> <p>Max Daily Volume (m³): 15000</p> <p>Application No: -</p> <p>Original Start Date: 01/05/2009</p> <p>Expiry Date: 31/03/2025</p> <p>Issue No: 1</p> <p>Version Start Date: 01/05/2009</p> <p>Version End Date:</p>
Not shown	1803	NE	545266 282061	<p>Status: Historical</p> <p>Licence No: AN/033/0026/040</p> <p>Details: Spray Irrigation - Direct</p> <p>Annual Volume (m³): 92000</p> <p>Max Daily Volume (m³): 3105</p> <p>Application No: -</p>

ID	Distance (m)	Direction	NGR	Details	
				Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT THE CORKERETS Data Type: Line Name: KING FARM SERVICES	Original Start Date: 10/09/2013 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 10/09/2013 Version End Date:
Not shown	1807	NW	542450 281370	Status: Active Licence No: 6/33/52/*S/0189 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES	Annual Volume (m³): 36000 Max Daily Volume (m³): 1600 Application No: - Original Start Date: 21/12/1999 Expiry Date: 29/02/2024 Issue No: 2 Version Start Date: 07/12/2010 Version End Date:
Not shown	1810	SW	542980 278970	Status: Historical Licence No: 6/33/26/*S/0309 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN NR PUMPING STN - SUTTON Data Type: Line Name: VEAL	Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 01/01/1993 Expiry Date: 31/10/2002 Issue No: 101 Version Start Date: 26/10/1999 Version End Date:
Not shown	1810	SW	542980 278970	Status: Historical Licence No: 6/33/26/*S/0418 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN NR PUMPING STN - SUTTON Data Type: Line Name: VEAL	Annual Volume (m³): 3637 Max Daily Volume (m³): 409 Application No: - Original Start Date: 28/07/2003 Expiry Date: 31/03/2013 Issue No: 1 Version Start Date: 28/07/2003 Version End Date:
Not shown	1823	NW	542720 282050	Status: Historical Licence No: 6/33/26/*S/0462 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES	Annual Volume (m³): 115000 Max Daily Volume (m³): 4140 Application No: - Original Start Date: 12/06/2008 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 12/06/2008 Version End Date:
Not shown	1823	NW	542720 282050	Status: Historical Licence No: AN/033/0052/007 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES	Annual Volume (m³): 115000 Max Daily Volume (m³): 3960 Application No: - Original Start Date: 11/08/2010 Expiry Date: 31/03/2025 Issue No: 2 Version Start Date: 10/09/2013 Version End Date:
Not shown	1823	NW	542720 282050	Status: Historical Licence No: 6/33/26/*S/0368 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES	Annual Volume (m³): 115000 Max Daily Volume (m³): 4140 Application No: - Original Start Date: 30/04/1998 Expiry Date: 30/09/2007 Issue No: 101 Version Start Date: 23/09/2003 Version End Date:
Not shown	1827	SW	542965 278960	Status: Active Licence No: AN/033/0026/029 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT HADDENHAM IDB Data Type: Line Name: VEAL	Annual Volume (m³): 3637 Max Daily Volume (m³): 409 Application No: - Original Start Date: 01/04/2013 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 01/04/2013 Version End Date:
Not shown	1829	N	544500 282400	Status: Historical Licence No: 6/33/52/*S/0014 Details: Vegetable Washing Direct Source: SURFACE WATER SOURCE OF	Annual Volume (m³): 36368 Max Daily Volume (m³): 1045.6 Application No: - Original Start Date: 01/04/1967

ID	Distance (m)	Direction	NGR	Details	
				SUPPLY Point: DRAIN NR FORTREY'S HALL Data Type: Point Name: A SOLE & SON	Expiry Date: - Issue No: 100 Version Start Date: 02/11/1997 Version End Date:
Not shown	1830	NW	542710 282050	Status: Active Licence No: 6/33/52/*S/0189 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES	Annual Volume (m³): 36000 Max Daily Volume (m³): 1600 Application No: - Original Start Date: 21/12/1999 Expiry Date: 29/02/2024 Issue No: 2 Version Start Date: 07/12/2010 Version End Date:
Not shown	1843	NW	543100 282120	Status: Historical Licence No: 6/33/52/*S/0184 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: ALLAN PARTNERS	Annual Volume (m³): 81800 Max Daily Volume (m³): 1745.5 Application No: - Original Start Date: 01/04/1998 Expiry Date: 30/09/2007 Issue No: 101 Version Start Date: 19/05/2000 Version End Date:
Not shown	1843	NW	543100 282120	Status: Active Licence No: 6/33/52/*S/0223 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: ALLAN PARTNERS	Annual Volume (m³): 81800 Max Daily Volume (m³): 1745.5 Application No: - Original Start Date: 25/02/2008 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 25/02/2008 Version End Date:
Not shown	1843	NW	543100 282120	Status: Active Licence No: 6/33/52/*S/0223 Details: Spray Irrigation - Storage Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: ALLAN PARTNERS	Annual Volume (m³): 81800 Max Daily Volume (m³): 1745.5 Application No: - Original Start Date: 25/02/2008 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 25/02/2008 Version End Date:
Not shown	1845	SW	542500 278910	Status: Historical Licence No: 6/33/26/*S/0418 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN NR PUMPING STN SUTTON Data Type: Line Name: VEAL	Annual Volume (m³): 3637 Max Daily Volume (m³): 409 Application No: - Original Start Date: 28/07/2003 Expiry Date: 31/03/2013 Issue No: 1 Version Start Date: 28/07/2003 Version End Date:
Not shown	1845	SW	542500 278910	Status: Historical Licence No: 6/33/26/*S/0309 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN NR PUMPING STN SUTTON Data Type: Line Name: VEAL	Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 01/01/1993 Expiry Date: 31/10/2002 Issue No: 101 Version Start Date: 26/10/1999 Version End Date:
Not shown	1845	NW	541357 282479	Status: Active Licence No: AN/033/0052/023 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: UN-NAMED DRAIN WITHIN SUTTON & MEPAL IDB Data Type: Line Name: P J LEE & SONS	Annual Volume (m³): 77868.4 Max Daily Volume (m³): 2330 Application No: - Original Start Date: 29/05/2013 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 29/05/2013 Version End Date:
Not shown	1846	NW	543101 282124	Status: Active Licence No: AN/033/0052/003 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF	Annual Volume (m³): 20000 Max Daily Volume (m³): 600 Application No: - Original Start Date: 01/11/2010

ID	Distance (m)	Direction	NGR	Details	
				SUPPLY Point: DRAIN AT HIAMS BRIDGE Data Type: Line Name: PEARSON	Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 01/11/2010 Version End Date:
Not shown	1848	NW	543140 282500	Status: Historical Licence No: 6/33/52/*S/0194 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT BLACK BRIDGE Data Type: Line Name: PEARSON	Annual Volume (m³): 36362 Max Daily Volume (m³): 818 Application No: - Original Start Date: 28/06/2001 Expiry Date: 31/10/2010 Issue No: 1 Version Start Date: 28/06/2001 Version End Date:
Not shown	1849	NW	542700 282000	Status: Historical Licence No: 6/33/52/*S/0189 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES	Annual Volume (m³): 36000 Max Daily Volume (m³): 1600 Application No: - Original Start Date: 21/12/1999 Expiry Date: 29/02/2024 Issue No: 1 Version Start Date: 21/12/1999 Version End Date:
Not shown	1849	NW	542700 281800	Status: Historical Licence No: 6/33/52/*S/0189 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES	Annual Volume (m³): 36000 Max Daily Volume (m³): 1600 Application No: - Original Start Date: 21/12/1999 Expiry Date: 29/02/2024 Issue No: 1 Version Start Date: 21/12/1999 Version End Date:
Not shown	1857	SW	542978 278912	Status: Active Licence No: AN/033/0026/029 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN IN HADDENHAM IDB Data Type: Line Name: VEAL	Annual Volume (m³): 3637 Max Daily Volume (m³): 409 Application No: - Original Start Date: 01/04/2013 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 01/04/2013 Version End Date:
Not shown	1872	NE	545330 282100	Status: Historical Licence No: 6/33/26/*S/0289 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN-THE CORKERETS WITCHAM 2 Data Type: Line Name: BIBBY	Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 01/03/1992 Expiry Date: 31/10/2001 Issue No: 100 Version Start Date: 01/04/1993 Version End Date:
Not shown	1874	W	541994 280452	Status: Active Licence No: 6/33/52/*S/0227 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: SUTTON & MEPAL IDB Data Type: Line Name: R A LATTA FARMS LTD	Annual Volume (m³): 629300 Max Daily Volume (m³): 15000 Application No: - Original Start Date: 01/05/2009 Expiry Date: 31/03/2025 Issue No: 2 Version Start Date: 06/02/2013 Version End Date:
Not shown	1882	W	542205 280897	Status: Active Licence No: 6/33/52/*S/0187 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT BLOCKMOOR FARM Data Type: Line Name: P J LEE & SONS	Annual Volume (m³): 910000 Max Daily Volume (m³): 21840 Application No: - Original Start Date: 09/10/1998 Expiry Date: 28/02/2023 Issue No: 103 Version Start Date: 01/11/2011 Version End Date:
Not shown	1888	W	541990 280460	Status: Historical Licence No: 6/33/52/*S/0227 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY	Annual Volume (m³): 629300 Max Daily Volume (m³): 15000 Application No: - Original Start Date: 01/05/2009 Expiry Date: 31/03/2025

ID	Distance (m)	Direction	NGR	Details	
				Point: DRAIN NR BROADPLACE FARM Data Type: Line Name: R A LATTA FARMS LTD	Issue No: 1 Version Start Date: 01/05/2009 Version End Date:
Not shown	1891	NW	542710 282270	Status: Historical Licence No: 6/33/26/*S/0368 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES	Annual Volume (m³): 115000 Max Daily Volume (m³): 4140 Application No: - Original Start Date: 30/04/1998 Expiry Date: 30/09/2007 Issue No: 101 Version Start Date: 23/09/2003 Version End Date:
Not shown	1891	NW	542670 281830	Status: Active Licence No: 6/33/52/*S/0189 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES	Annual Volume (m³): 36000 Max Daily Volume (m³): 1600 Application No: - Original Start Date: 21/12/1999 Expiry Date: 29/02/2024 Issue No: 2 Version Start Date: 07/12/2010 Version End Date:
Not shown	1891	NW	542710 282270	Status: Historical Licence No: 6/33/26/*S/0462 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES	Annual Volume (m³): 115000 Max Daily Volume (m³): 4140 Application No: - Original Start Date: 12/06/2008 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 12/06/2008 Version End Date:
Not shown	1891	NW	542710 282270	Status: Historical Licence No: AN/033/0052/007 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MEPAL Data Type: Line Name: KING FARM SERVICES	Annual Volume (m³): 115000 Max Daily Volume (m³): 3960 Application No: - Original Start Date: 11/08/2010 Expiry Date: 31/03/2025 Issue No: 2 Version Start Date: 10/09/2013 Version End Date:
Not shown	1891	S	543900 278500	Status: Historical Licence No: 6/33/26/*S/0299 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN 15- SOUTH FEN- SUTTON Data Type: Line Name: E W CHAMBERS & SONS	Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 01/09/1992 Expiry Date: 31/10/2001 Issue No: 100 Version Start Date: 01/02/1997 Version End Date:
Not shown	1897	NW	542330 281550	Status: Active Licence No: AN/033/0052/010 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT SUTTON Data Type: Line Name: HARRISON	Annual Volume (m³): 20000 Max Daily Volume (m³): 409 Application No: - Original Start Date: 01/11/2010 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 01/11/2010 Version End Date:
Not shown	1897	NW	542330 281550	Status: Historical Licence No: 6/33/52/*S/0192 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT SUTTON Data Type: Line Name: HARRISON	Annual Volume (m³): 20000 Max Daily Volume (m³): 409 Application No: - Original Start Date: 05/06/2001 Expiry Date: 31/10/2010 Issue No: 1 Version Start Date: 05/06/2001 Version End Date:
Not shown	1898	W	542260 279830	Status: Historical Licence No: 6/33/52/*S/0192 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT SUTTON	Annual Volume (m³): 20000 Max Daily Volume (m³): 409 Application No: - Original Start Date: 05/06/2001 Expiry Date: 31/10/2010 Issue No: 1

ID	Distance (m)	Direction	NGR	Details	
Not shown	1898	W	542260 279830	Data Type: Line Name: HARRISON	Version Start Date: 05/06/2001 Version End Date:
				Status: Active Licence No: AN/033/0052/010 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT SUTTON Data Type: Line Name: HARRISON	Annual Volume (m³): 20000 Max Daily Volume (m³): 409 Application No: - Original Start Date: 01/11/2010 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 01/11/2010 Version End Date:
Not shown	1900	S	544600 277600	Status: Historical Licence No: 6/33/26/*S/0299 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN 18- SOUTH FEN- SUTTON Data Type: Line Name: E W CHAMBERS & SONS	Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 01/09/1992 Expiry Date: 31/10/2001 Issue No: 100 Version Start Date: 01/02/1997 Version End Date:
				Status: Historical Licence No: 6/33/52/*S/0014 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAINS AT WITCHAM MEADLANDS Data Type: Poly4 Name: A SOLE & SON	Annual Volume (m³): 36368 Max Daily Volume (m³): 1045.6 Application No: - Original Start Date: 01/04/1967 Expiry Date: - Issue No: 100 Version Start Date: 02/11/1997 Version End Date:
Not shown	1921	N	544900 284880	Status: Historical Licence No: 6/33/52/*S/0227 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT BROADPLACE FARM Data Type: Line Name: R A LATTA FARMS LTD	Annual Volume (m³): 629300 Max Daily Volume (m³): 15000 Application No: - Original Start Date: 01/05/2009 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 01/05/2009 Version End Date:
				Status: Historical Licence No: 6/33/52/*S/0227 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT BROADPLACE FARM Data Type: Line Name: R A LATTA FARMS LTD	Annual Volume (m³): 629300 Max Daily Volume (m³): 15000 Application No: - Original Start Date: 01/05/2009 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 01/05/2009 Version End Date:
Not shown	1929	W	542060 280220	Status: Historical Licence No: 6/33/52/*S/0199 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN NR BROADPIECE FARM Data Type: Line Name: P J LEE & SONS	Annual Volume (m³): 136364 Max Daily Volume (m³): 2330 Application No: - Original Start Date: 23/04/2002 Expiry Date: 31/03/2013 Issue No: 3 Version Start Date: 13/06/2007 Version End Date:
				Status: Historical Licence No: 6/33/26/*S/0289 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN THE CORKERETS WITCHAM 3 Data Type: Line Name: BIBBY	Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 01/03/1992 Expiry Date: 31/10/2001 Issue No: 100 Version Start Date: 01/04/1993 Version End Date:
Not shown	1932	W	542090 280240	Status: Historical Licence No: 6/33/52/*S/0199 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN -15- CHATTERIS Data Type: Line	Annual Volume (m³): 136364 Max Daily Volume (m³): 2330 Application No: - Original Start Date: 23/04/2002 Expiry Date: 31/03/2013 Issue No: 3 Version Start Date: 13/06/2007 Version End Date:
				Status: Historical Licence No: 6/33/52/*S/0199 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN -15- CHATTERIS Data Type: Line	Annual Volume (m³): 136364 Max Daily Volume (m³): 2330 Application No: - Original Start Date: 23/04/2002 Expiry Date: 31/03/2013 Issue No: 3 Version Start Date: 13/06/2007 Version End Date:

ID	Distance (m)	Direction	NGR	Details	
Not shown	1943	W	542100 280400	Name: P J LEE & SONS	Version End Date:
				Status: Historical Licence No: 6/33/52/*S/0142 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN -15- CHATTERIS Data Type: Line Name: P J LEE & SONS	Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 01/07/1992 Expiry Date: 31/10/2001 Issue No: 100 Version Start Date: 01/06/1997 Version End Date:
Not shown	1945	W	542000 280700	Name: BROOK POULTRY LTD	Version End Date:
				Status: Historical Licence No: 6/33/52/*S/0182 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN NEAR NORTH FEN FARM Data Type: Line Name: BROOK POULTRY LTD	Annual Volume (m³): 6818 Max Daily Volume (m³): 340.9 Application No: - Original Start Date: 01/02/1998 Expiry Date: 31/10/2007 Issue No: 101 Version Start Date: 25/08/1999 Version End Date:
Not shown	1945	E	546039 281288	Name: F G HARRISON & SONS	Version End Date:
				Status: Active Licence No: AN/033/0026/028 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT WITCHAM HYTHE Data Type: Line Name: F G HARRISON & SONS	Annual Volume (m³): 22700 Max Daily Volume (m³): 409.1 Application No: - Original Start Date: 01/04/2013 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 01/04/2013 Version End Date:
Not shown	1948	N	544300 282540	Name: VEAL	Version End Date:
				Status: Historical Licence No: 6/33/52/*S/0144 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: PIT -15- MEPAL Data Type: Point Name: VEAL	Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 21/08/1992 Expiry Date: 31/10/2001 Issue No: 101 Version Start Date: 01/10/1999 Version End Date:
Not shown	1950	W	541715 280593	Name: P J LEE & SONS	Version End Date:
				Status: Active Licence No: 6/33/52/*S/0187 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT BLOCKMOOR FARM Data Type: Line Name: P J LEE & SONS	Annual Volume (m³): 910000 Max Daily Volume (m³): 21840 Application No: - Original Start Date: 09/10/1998 Expiry Date: 28/02/2023 Issue No: 103 Version Start Date: 01/11/2011 Version End Date:
Not shown	1950	W	542100 280300	Name: P J LEE & SONS	Version End Date:
				Status: Historical Licence No: 6/33/52/*S/0142 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN -16- CHATTERIS Data Type: Line Name: P J LEE & SONS	Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 01/07/1992 Expiry Date: 31/10/2001 Issue No: 100 Version Start Date: 01/06/1997 Version End Date:
Not shown	1950	W	542100 280300	Name: P J LEE & SONS	Version End Date:
				Status: Historical Licence No: 6/33/52/*S/0199 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN -16- CHATTERIS Data Type: Line Name: P J LEE & SONS	Annual Volume (m³): 164232 Max Daily Volume (m³): 2330 Application No: - Original Start Date: 23/04/2002 Expiry Date: 31/10/2007 Issue No: 1 Version Start Date: 23/04/2002 Version End Date:
Not shown	1959	NE	545800 282200	Name: F G HARRISON & SONS	Version End Date:
				Status: Historical Licence No: 6/33/26/*S/0411 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN -3- WITCHAM HYTHE Data Type: Line Name: F G HARRISON & SONS	Annual Volume (m³): 22700 Max Daily Volume (m³): 409.1 Application No: - Original Start Date: 28/11/2002 Expiry Date: 31/03/2013 Issue No: 1 Version Start Date: 28/11/2002 Version End Date:

ID	Distance (m)	Direction	NGR	Details	
Not shown	1959	NE	545800 282200	Status: Historical Licence No: 6/33/26/*S/0310 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN -3- WITCHAM HYTHE Data Type: Line Name: F G HARRISON & SONS	Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 01/02/1993 Expiry Date: 30/09/2002 Issue No: 100 Version Start Date: 01/11/1996 Version End Date:
Not shown	1971	W	542140 281080	Status: Historical Licence No: 6/33/52/*S/0168 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT BLOCKMOOR FEN Data Type: Line Name: P J LEE & SONS	Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 01/10/1996 Expiry Date: 31/10/2001 Issue No: 100 Version Start Date: 01/10/1996 Version End Date:
Not shown	1971	S	544208 278410	Status: Active Licence No: AN/033/0026/029 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN IN HADDENHAM IDB Data Type: Line Name: VEAL	Annual Volume (m³): 3637 Max Daily Volume (m³): 409 Application No: - Original Start Date: 01/04/2013 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 01/04/2013 Version End Date:
Not shown	1972	S	544230 278410	Status: Historical Licence No: 6/33/26/*S/0309 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN NR DIVISION DRAIN SUTTON Data Type: Line Name: VEAL	Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 01/01/1993 Expiry Date: 31/10/2002 Issue No: 101 Version Start Date: 26/10/1999 Version End Date:
Not shown	1972	S	544230 278410	Status: Historical Licence No: 6/33/26/*S/0418 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN NR DIVISION DRAIN SUTTON Data Type: Line Name: VEAL	Annual Volume (m³): 3637 Max Daily Volume (m³): 409 Application No: - Original Start Date: 28/07/2003 Expiry Date: 31/03/2013 Issue No: 1 Version Start Date: 28/07/2003 Version End Date:
Not shown	1979	N	544310 282570	Status: Historical Licence No: 6/33/52/*S/0201 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: PIT NR FORTREYS HALL Data Type: Point Name: VEAL	Annual Volume (m³): 4495 Max Daily Volume (m³): 225 Application No: - Original Start Date: 20/05/2002 Expiry Date: 31/10/2007 Issue No: 1 Version Start Date: 20/05/2002 Version End Date:
Not shown	1979	N	544310 282570	Status: Active Licence No: 6/33/52/*S/0220 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: PIT NR FORTREYS HALL Data Type: Point Name: VEAL	Annual Volume (m³): 4495 Max Daily Volume (m³): 225 Application No: - Original Start Date: 13/09/2007 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 13/09/2007 Version End Date:
Not shown	1986	N	544490 282560	Status: Active Licence No: 6/33/52/*S/0014 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT OLD BEDFORD LOW BANK Data Type: Line Name: A SOLE & SON	Annual Volume (m³): 27276 Max Daily Volume (m³): 909.2 Application No: - Original Start Date: 01/04/1967 Expiry Date: - Issue No: 101 Version Start Date: 19/07/2007 Version End Date:
Not	1993	W	542069	Status: Active	Annual Volume (m³): 77868.4

ID	Distance (m)	Direction	NGR	Details
shown			280203	Licence No: AN/033/0052/023 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: UN-NAMED DRAIN WITHIN SUTTON & MEPAL IDB Data Type: Line Name: P J LEE & SONS Max Daily Volume (m³): 2330 Application No: - Original Start Date: 29/05/2013 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 29/05/2013 Version End Date:
Not shown	1993	W	542068 280209	Status: Active Licence No: 6/33/52/*S/0187 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT WEST FEN FARM Data Type: Line Name: P J LEE & SONS Annual Volume (m³): 910000 Max Daily Volume (m³): 21840 Application No: - Original Start Date: 09/10/1998 Expiry Date: 28/02/2023 Issue No: 103 Version Start Date: 01/11/2011 Version End Date:
Not shown	1999	W	542062 280208	Status: Active Licence No: 6/33/52/*S/0187 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN IN AREA OF SUTTON WEST FEN Data Type: Line Name: P J LEE & SONS Annual Volume (m³): 910000 Max Daily Volume (m³): 21840 Application No: - Original Start Date: 09/10/1998 Expiry Date: 28/02/2023 Issue No: 103 Version Start Date: 01/11/2011 Version End Date:
Not shown	1999	W	541770 280520	Status: Historical Licence No: 6/33/52/*S/0227 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN NR HAMMOND'S EAU FARM Data Type: Line Name: R A LATTA FARMS LTD Annual Volume (m³): 629300 Max Daily Volume (m³): 15000 Application No: - Original Start Date: 01/05/2009 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 01/05/2009 Version End Date:

6.5 Potable Water Abstraction Licences

Potable Water Abstraction Licences within 2000m of the study site

None identified

Database searched and no data found.

6.6 Source Protection Zones

Source Protection Zones within 500m of the study site

None identified

Database searched and no data found.

6.7 Source Protection Zones within Confined Aquifer

Source Protection Zones within the Confined Aquifer within 500m of the study site None identified

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

Environment Agency/Natural Resources Wales information on groundwater vulnerability and soil leaching potential within 500m of the study site None identified

Database searched and no data found.

6.9 River Quality

Environment Agency/Natural Resources Wales information on river quality within 1500m of the study site Identified

6.9.1 Biological Quality:

Biological Quality data describes water quality in terms of 83 groups of macroinvertebrates, some of which are pollution sensitive. The results are graded from A ('Very Good') to F ('Bad').

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

ID	Distance (m)	Direction	NGR	River Quality Grade	Biological Quality Grade				
					2005	2006	2007	2008	2009
Not shown	1443	SW	542900 279600	River Name: New Bedford/hundred Foot River Reach: Earith...sutton Gault End/Start of Stretch: End of Stretch NGR	B	B	C	C	C
Not shown	1443	SW	542900 279600	River Name: New Bedford/hundred Foot River Reach: Sutton Gault Railway Bridge Manea End/Start of Stretch: Start of Stretch NGR	B	B	C	C	C

6.9.2 Chemical Quality:

Chemical quality data is based on the General Quality Assessment Headline Indicators scheme (GQAH). 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):

ID	Distance (m)	Direction	NGR	River Quality Grade	Chemical Quality Grade				
					2005	2006	2007	2008	2009
Not shown	735	N	543997 281312	River Name: New Bedford/hundred Foot Reach: Sutton Gault .. Railway Bridge Manea End/Start of Stretch: Sample Point NGR	C	C	C	C	B
Not shown	1443	SW	542900 279600	River Name: New Bedford/hundred Foot Reach: Sutton Gault .. Railway Bridge Manea End/Start of Stretch: Start of Stretch NGR	C	C	C	C	B
Not shown	1443	SW	542900 279600	River Name: New Bedford/hundred Foot Reach: Earith Sutton Gault End/Start of Stretch: End of Stretch NGR	B	B	B	B	B

6.10 Ordnance Survey MasterMap Water Network

Ordnance Survey MasterMap Water Network entries within 500m of the study site

This watercourse information is provided by Ordnance Survey MasterMap Water Network. The data provides a detailed centre line following the curve of the waterway precisely, so all distances provided in the report should be understood as measurements to the centreline rather than a measurement to the nearest point of the watercourse. Underground watercourses are inferred from entry and exit points so caution is advised in using these to indicate precise locations of underground watercourses when planning site investigation and development.

The following Ordnance Survey MasterMap Water Network records are represented on the Hydrology Map (6e):

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
1	0 On Site	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
2	0 On Site	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
3	0 On Site	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
4	0 SW	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
14	0 On Site	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
15	0 On Site	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
16	0 On Site	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
17	0 SW	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
5	28 SE	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
6	28 SE	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
18	28 SE	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
19	28 SE	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
7	33 SW	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
8	33 SW	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
20	33 SW	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
21	33	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	SW			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
9	36 SW	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
10	36 SW	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
22	36 SW	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
23	36 SW	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
11	40 SE	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
24	40 SE	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
12	51 W	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
25	51 W	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
13	53 E	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
26	53 E	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
14	62 W	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
27	62 W	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): Not Provided
15	63 NW	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
28	63 NW	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
16	76 SE	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
29	76 SE	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
17	84 NW	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
30	84 NW	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
18	162 SE	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
31	162 SE	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
19	208 SE	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
32	208 SE	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
20	310 E	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
33	310 E	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
21	319 S	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.1
Not shown	319 S	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.1
22	328 NW	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
35	328 NW	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
23	342 NW	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
36	342 NW	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
24	355 E	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
37	355 E	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
25	362 E	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
38	362 E	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
26	386 NW	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
Not shown	386 NW	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
27	405	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	NW			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.5
40	405 NW	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.5
28	410 NW	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
Not shown	410 NW	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
29	435 N	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
Not shown	435 N	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
30	466 SW	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
Not shown	466 SW	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
31	498 NE	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
Not shown	498 NE	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
32	499 SW	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.6
Not shown	499 SW	Not Specified	Inland river not influenced by normal tidal action.	Catchment Area: Cam Ely Ouse and South Level Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.6

6.11 Surface Water Features

Surface water features within 250m of the study site

Identified

The following surface water records are not represented on mapping:

Distance (m)	Direction
0	On Site
0	On Site
27	SE
32	SW
36	SW
36	SW
40	SE
51	W
53	E
63	NW
84	NW
162	SE
169	NW

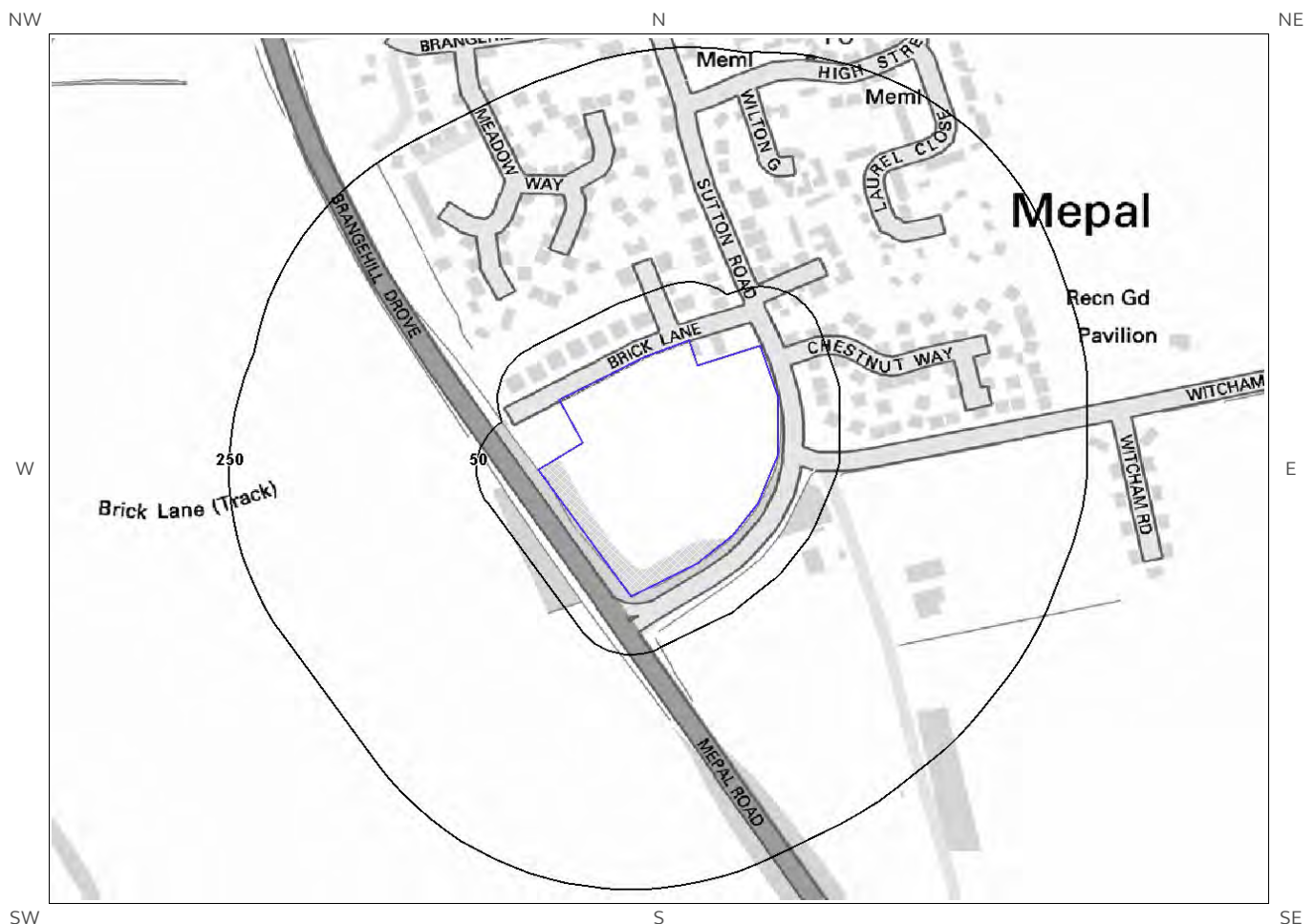
7a. Environment Agency/Natural Resources Wales Flood Map for Planning (from rivers and the sea)



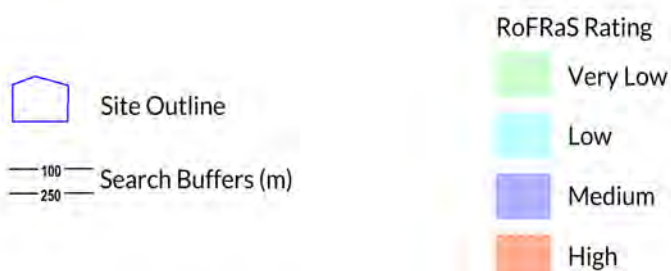
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7b. Environment Agency/Natural Resources Wales Risk of Flooding from Rivers and the Sea (RoFRaS) Map



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7 Flooding

7.1 River and Coastal Zone 2 Flooding

Environment Agency/Natural Resources Wales Zone 2 floodplain within 250m None identified

Environment Agency/Natural Resources Wales 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

Environment Agency/Natural Resources Wales Zone 3 floodplain within 250m None identified

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

Highest risk of flooding onsite Very Low

The Environment Agency/Natural Resources Wales 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

Flood Defences within 250m of the study site None identified
Database searched and no data found.

7.5 Areas benefiting from Flood Defences

Areas benefiting from Flood Defences within 250m of the study site None identified

7.6 Areas benefiting from Flood Storage

Areas used for Flood Storage within 250m of the study site

None identified

7.7 Groundwater Flooding Susceptibility Areas

7.7.1 British Geological Survey groundwater flooding susceptibility areas within 50m of the boundary of the study site

None identified

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 Highest susceptibility to groundwater flooding in the search area based on the underlying geological conditions

Not Prone

The area is not considered to be prone to groundwater flooding based on rock type.

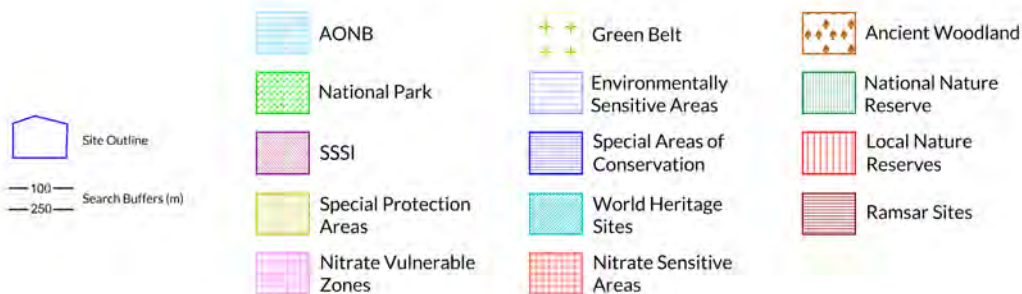
7.8 Groundwater Flooding Confidence Areas

British Geological Survey confidence rating in this result

Not Applicable

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

Designated Environmentally Sensitive Sites within 2000m of the study site

Identified

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

18

The following Site of Special Scientific Interest (SSSI) records provided by Natural England/Natural Resources Wales are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	SSSI Name	Data Source
5	494	NW	Ouse Washes	Natural England
6	515	NW	Ouse Washes	Natural England
7	535	NW	Ouse Washes	Natural England
8	747	N	Ouse Washes	Natural England
9	759	NW	Ouse Washes	Natural England
10	770	NW	Ouse Washes	Natural England
11	809	NW	Ouse Washes	Natural England
12	816	NW	Ouse Washes	Natural England
13	1076	SW	Ouse Washes	Natural England
14	1107	SW	Ouse Washes	Natural England
15	1129	SW	Ouse Washes	Natural England
16	1419	W	Ouse Washes	Natural England
17A	1435	W	Ouse Washes	Natural England
18	1467	SW	Ouse Washes	Natural England
Not shown	1485	N	Ouse Washes	Natural England
20A	1486	W	Ouse Washes	Natural England
21	1495	W	Ouse Washes	Natural England
Not shown	1549	N	Ouse Washes	Natural England

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:

2

The following Special Area of Conservation (SAC) records provided by Natural England/Natural Resources Wales are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	SAC Name	Data Source
1	751	NW	Ouse Washes	Natural England
2A	1402	W	Ouse Washes	Natural England

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

2

The following Special Protection Area (SPA) records provided by Natural England/Natural Resources Wales are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	SPA Name	Data Source
3B	494	NW	Ouse Washes	Natural England
4C	1076	SW	Ouse Washes	Natural England

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

2

The following Ramsar records provided by Natural England/Natural Resources Wales are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	Ramsar Site Name	Ramsar Site Status	Data Source
23B	494	NW	Ouse Washes	Listed	Natural England
24C	1076	SW	Ouse Washes	Listed	Natural England

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:

0

Database searched and no data found.

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:

3

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
25	0	On Site	Existing	DEFRA
26	379	S	Existing	DEFRA
Not shown	1386	SE	Existing	DEFRA

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

0

Database searched and no data found.

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

Maximum Shrink-Swell** 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
Ground conditions predominantly high plasticity. Do not plant or remove trees or shrubs near to buildings without expert advice about their effect and management. For new build, consideration should be given to advice published by the National House Building Council (NHBC) and the Building Research Establishment (BRE). There is a probable increase in construction cost to reduce potential shrink-swell problems. For existing property, there is a probable increase in insurance risk during droughts or where vegetation with high moisture demands is present.

9.1.2 Landslides

Maximum Landslide* 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
Slope instability problems are unlikely to be present. No special actions required to avoid problems due to landslides. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with landslides.

9.1.3 Soluble Rocks

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

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

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

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.

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

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 site is not in a Radon Affected Area, as less than 1% of properties are above the Action Level.

The radon data in this report is supplied by the BGS/Public Health England and is the definitive map of Radon Affected Areas in Great Britain and Northern Ireland. The dataset was created using long-term radon measurements in over 479,000 homes across Great Britain and 23,000 homes across Northern Ireland, combined with geological data. The dataset is considered accurate to 50m to allow for the margin of error in geological lines, and the findings of this report supercede any answer given in the less accurate Indicative Atlas of Radon in Great Britain, which simplifies the data to give the highest risk within any given 1km grid square. As such, the radon atlas is considered indicative, whereas the data given in this report is considered definitive.

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

Coal mining areas within 75m of the study site

None identified

Database searched and no data found.

10.2 Non-Coal Mining

Non-Coal Mining areas within 50m of the study site boundary

None identified

Database searched and no data found.

10.3 Brine Affected Areas

Brine affected areas within 75m of the study site

None identified

Guidance: No Guidance Required.

Contact Details

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info@groundsure.com

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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
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www.gov.uk/phe
Email: enquiries@phe.gov.uk
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DX 716176 Mansfield 5
www.coal.gov.uk

Ordnance Survey
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SO16 0AS
Tel: 08456 050505

Local Authority
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Phone: 01353 665555
Web: <http://www.eastcambs.gov.uk/>
Address: The Grange, Nutholt Lane, Ely, Cambridgeshire, CB7 4EE

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



Acknowledgements: Site of Special Scientific Interest, National Nature Reserve, Ramsar Site, Special Protection Area, Special Area of Conservation data is provided by, and used with the permission of, Natural England/Natural Resources Wales who retain the Copyright and Intellectual Property Rights for the data.

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Groundsure's Terms and Conditions can be viewed online at this link:

<https://www.groundsure.com/terms-and-conditions-may25-2018>

Richard Jackson Ltd

847 The Crescent, Colchester Business Park,
Essex, CO4 9YQ

Groundsure
Reference:

GS-5752761

Your Reference: 49533

Report Date

16 Jan 2019

Report Delivery
Method:

Email - pdf

Geo Insight


Address: BRICK LANE, MEPAL, CB6 2AG

Dear Sir/ Madam,

Thank you for placing your order with Groundsure. Please find enclosed the **Groundsure Geo Insight** as requested.

If you need any further assistance, please do not hesitate to contact our helpline on 08444 159000 quoting the above Groundsure reference number.

Yours faithfully,



Managing Director
Groundsure Limited

Enc.
Groundsure Geo Insight

Address: BRICK LANE, MEPAL, CB6 2AG

Date: 16 Jan 2019

Reference: GS-5752761

Client: Richard Jackson Ltd

NW N NE



SW S SE

Aerial Photograph Capture date: 07-Jun-2016

Grid Reference: 544154,280504

Site Size: 2.75ha

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Overview of Findings

The Groundsure Geo Insight provides high quality geo-environmental information that allows geo-environmental professionals and their clients to make informed decisions and be forewarned of potential ground instability problems that may affect the ground investigation, foundation design and possibly remediation options that could lead to possible additional costs.

The report is based on the BGS 1:50,000 and 1:10,000 Digital Geological Map of Great Britain, BGS Geosure data; BRITPITS database; Non-coal mining data and Borehole Records, Coal Authority data including brine extraction areas, PBA non-coal mining and natural cavities database, Johnson Poole and Bloomer mining data and Groundsure's unique database including historical surface ground and underground workings.

For further details on each dataset, please refer to each individual section in the report as listed. Where the database has been searched a numerical result will be recorded. Where the database has not been searched '-' will be recorded.

Section 1: Geology 1:10,000 Scale

1.1 Artificial Ground	1.1 Is there any Artificial Ground/ Made Ground present beneath the study site at 1:10,000 scale?	No
1.2 Superficial Geology and Landslips	1.2.1 Is there any Superficial Ground/Drift Geology present beneath the study site at 1:10,000 scale?*	No
	1.2.2 Are there any records of landslide within 500m of the study site boundary at 1:10,000 scale?	No
1.3 Bedrock, Solid Geology and linear features	1.3.1 For records of Bedrock and Solid Geology beneath the study site* see the detailed findings section.	
	1.3.2 Are there any records of linear features within 500m of the study site boundary at 1:10,000 scale?	No

Section 2: Geology 1:50,000 Scale

2.1 Artificial Ground	2.1.1 Is there any Artificial Ground/ Made Ground present beneath the study site?	No
	2.1.2 Are there any records relating to permeability of artificial ground within the study site*boundary?	No
2.2 Superficial Geology and Landslips	2.2.1 Is there any Superficial Ground/Drift Geology present beneath the study site?*	No
	2.2.2 Are there any records of permeability of superficial ground within 500m of the study site?	No
	2.2.3 Are there any records of landslide within 500m of the study site boundary?	No
	2.2.4 Are there any records relating to permeability of landslips within the study site* boundary?	No

Section 2: Geology 1:50,000 Scale

2.3 Bedrock, Solid Geology and linear features

2.3.1 For records of Bedrock and Solid Geology beneath the study site* see the detailed findings section.

2.3.2 Are there any records relating to permeability of bedrock ground within the study site boundary?

Yes

2.3.3 Are there any records of linear features within 500m of the study site boundary?

No

Section 3: Radon

3. Radon

3.1 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 not in a Radon Affected Area, as less than 1% of properties are above the Action Level.

3.2 Radon Protection

No radon protective measures are necessary.

Section 4: Ground Workings

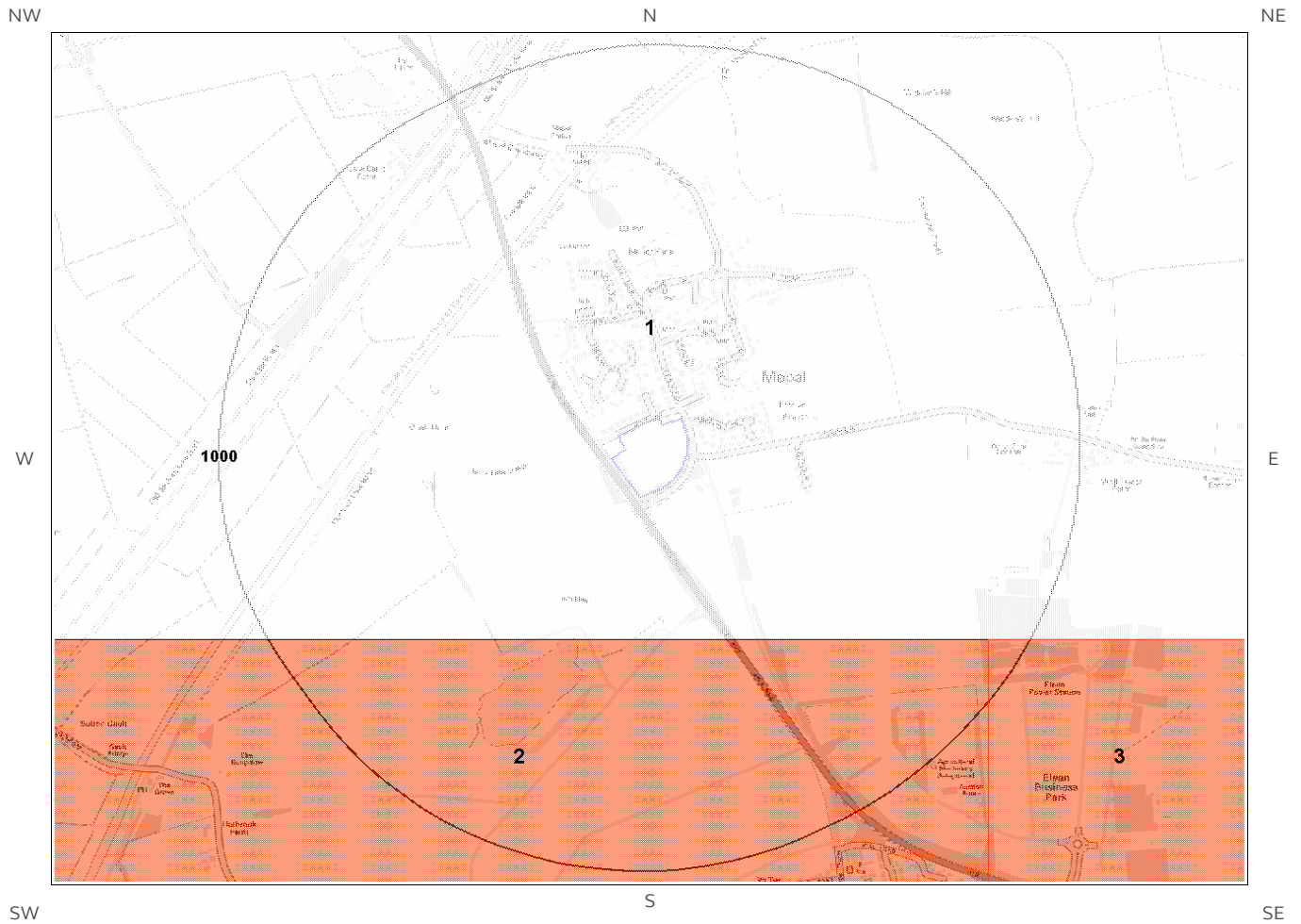
	On-site	0-50m	51-250	251-500	501-1000
4.1 Historical Surface Ground Working Features from Small Scale Mapping	0	0	2	Not Searched	Not Searched
4.2 Historical Underground Workings from Small Scale Mapping	0	0	0	0	0
4.3 Current Ground Workings	0	0	0	1	2

Section 5: Mining, Extraction & Natural Cavities

	On-site	0-50m	51-250	251-500	501-1000
5.1 Historical Mining	0	0	0	0	0
5.2 Coal Mining	0	0	0	0	0
5.3 Johnson Poole and Bloomer Mining Area	0	0	0	0	0
5.4 Non-Coal Mining*	0	0	0	0	0
5.5 Non-Coal Mining Cavities	0	0	0	0	0
5.5 Natural Cavities	0	0	0	0	0

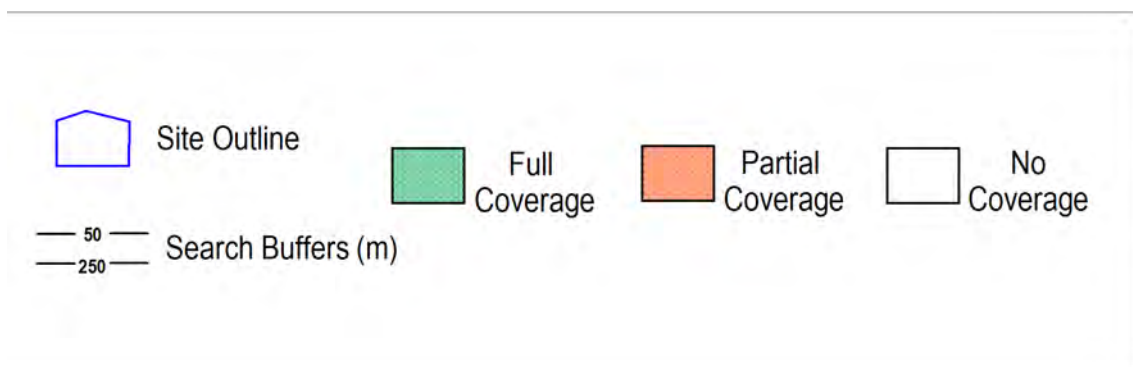
Section 5: Mining, Extraction & Natural Cavities	On-site	0-50m	51-250	251-500	501-1000
5.6 Brine Extraction	0	0	0	0	0
5.7 Gypsum Extraction	0	0	0	0	0
5.8 Tin Mining	0	0	0	0	0
5.9 Clay Mining	0	0	0	0	0
Section 6: Natural Ground Subsidence	On-site				
6.1 Shrink-Swell Clay	Moderate				
6.2 Landslides	Very Low				
6.3 Ground Dissolution of Soluble Rocks	Negligible				
6.4 Compressible Deposits	Negligible				
6.5 Collapsible Deposits	Very Low				
6.5 Running Sand	Negligible				
Section 7: Borehole Records	On-site	0-50m	51-250		
7 BGS Recorded Boreholes	0	0	0		
Section 8: Estimated Background Soil Chemistry	On-site	0-50m	51-250		
8 Records of Background Soil Chemistry	4	2	0		
Section 9: Railways and Tunnels	On-site	0-50m	51-250	250-500	
9.1 Tunnels	0	0	0	Not Searched	
9.2 Historical Railway and Tunnel Features	0	0	0	Not Searched	
9.3 Historical Railways	0	0	0	Not Searched	
9.4 Active Railways	0	0	0	Not Searched	
9.5 Railway Projects	0	0	0	0	

1:10,000 Scale Availability



1_10,000 Availability Legend

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Availability of 1:10,000 Scale Geology Mapping

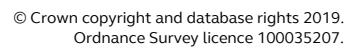
The following information represents the availability of the key components of the 1:10,000 scale geological data.

ID	Distance	Artificial Coverage	Superficial Coverage	Bedrock Coverage	Mass Movement Coverage
1	0.0	No deposits are mapped	No coverage	No coverage	No coverage
2	379.0	No deposits are mapped	Partial	Partial	No coverage
3	905.0	No deposits are mapped	Partial	Partial	No coverage

Guidance: The 1:10,000 scale geological interpretation is the most detailed generally available from BGS and is the scale at which most geological surveying is carried out in the field. The database is presented as four types of geology (artificial, mass movement, superficial and bedrock), although not all themes are mapped or available on every map sheet. Therefore a coverage layer showing the availability of the four themes is presented above.

The definitions of coverage are as follows:

Geology	Full Coverage	Partial Coverage	No Coverage
Bedrock	The whole tile has been mapped	Some but not all the tile has been mapped	No coverage
Superficial	The whole tile has been mapped	Some but not all of the tile has been mapped	No coverage
Artificial	Some deposits are mapped on this tile	-	No deposits are mapped
Mass Movement	Some deposits are mapped on this tile	-	No coverage



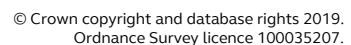
1. Geology 1:10,000 scale

1.1 Artificial Ground

The following geological information represented on the mapping is derived from 1:10,000 scale BGS Geological mapping.

Are there any records of Artificial/ Made Ground within 500m of the study site boundary at 1:10,000 scale? No

Database searched and no data found.



12

1.2 Superficial Deposits and Landslips

The following geological information represented on the mapping is derived from 1:10,000 scale BGS Geological mapping

1.2.1 Superficial Deposits/ Drift Geology

Are there any records of Superficial Deposits/ Drift Geology within 500m of the study site boundary at 1:10,000 scale? No

Database searched and no data found.

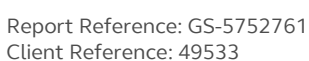
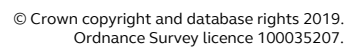
1.2.2 Landslip

Are there any records of Landslip within 500m of the study site boundary at 1:10,000 scale? No

Database searched and no data found.

The geology map for the site and surrounding area are extracted from the BGS Digital Geological Map of Great Britain at 1:10,000 scale

This Geology shows the main components as discrete layers, these are: Artificial / Made Ground, Superficial / Drift Geology and Landslips. These are all displayed with the BGS Lexicon code for the rock unit and BGS sheet number. Not all of the main geological components have nationwide coverage.



1.3 Bedrock and linear features

The following geological information represented on the mapping is derived from 1:10,000 scale BGS Geological mapping.

1.3.1 Bedrock/ Solid Geology

Records of Bedrock/Solid Geology within 500m of the study site boundary at 1:10,000 scale.

Database searched and no data found at this scale.

1.3.2 Linear features

Are there any records of linear features within 500m of the study site boundary at 1:10,000 scale? No

Database searched and no data found at this scale.

The geology map for the site and surrounding area are extracted from the BGS Digital Geological Map of great Britain at 1:10,000 scale.

This Geology shows the main components as discrete layers, these are: Bedrock/ Solid Geology and linear features such as faults. These are all displayed with the BGS Lexicon code for the rock unit and BGS sheet number. Not all of the main geological components have nationwide coverage.

2 Geology 1:50,000 Scale

2.1 Artificial Ground map



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2. Geology 1:50,000 scale

2.1 Artificial Ground

The following geological information represented on the mapping is derived from 1:50,000 scale BGS Geological mapping, Sheet No: 173

2.1.1 Artificial/ Made Ground

Are there any records of Artificial/ Made Ground within 500m of the study site boundary? No

Database searched and no data found.

2.1.2 Permeability of Artificial Ground

Are there any records relating to permeability of artificial ground within the study site boundary? No

Database searched and no data found.

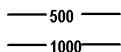
2.2 Superficial Deposits and Landslips map (1:50,000 scale)



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Site Outline



Search Buffers (m)

2.2 Superficial Deposits and Landslips

2.2.1 Superficial Deposits/ Drift Geology

Are there any records of Superficial Deposits/ Drift Geology within 500m of the study site boundary? Yes

ID	Distance	Direction	LEX Code	Description	Rock Description
1	184.0	SE	ODT-DMTN	OADBY MEMBER	DIAMICTON

2.2.2 Permeability of Superficial Ground

Are there any records relating to permeability of superficial ground within the study site boundary? No

Database searched and no data found.

2.2.3 Landslip

Are there any records of Landslip within 500m of the study site boundary? No

Database searched and no data found.

The geology map for the site and surrounding area are extracted from the BGS Digital Geological Map of Great Britain at 1:50,000 scale.

This Geology shows the main components as discrete layers, there are: Artificial/ Made Ground, Superficial/ Drift Geology and Landslips. These are all displayed with the BGS Lexicon code for the rock unit and BGS sheet number. Not all of the main geological components have nationwide coverage.

2.2.4 Landslip Permeability

Are there any records relating to permeability of landslips within the study site boundary? No

Database searched and no data found.

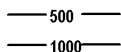
2.3 Bedrock and linear features map (1:50,000 scale)



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Site Outline



Search Buffers (m)

2.3 Bedrock, Solid Geology & linear features

The following geological information represented on the mapping is derived from 1:50,000 scale BGS Geological mapping, Sheet No: 173

2.3.1 Bedrock/Solid Geology

Records of Bedrock/Solid Geology within 500m of the study site boundary:

ID	Distance	Direction	LEX Code	Rock Description	Rock Age
1	0.0	On Site	KC-MDST	KIMMERIDGE CLAY FORMATION - MUDSTONE	KIMMERIDGIAN
2	0.0	On Site	AMC-MDST	AMPTHILL CLAY FORMATION - MUDSTONE	OXFORDIAN

2.3.2 Permeability of Bedrock Ground

Are there any records relating to permeability of bedrock ground within the study site boundary? Yes

Distance	Direction	Flow Type	Maximum Permeability	Minimum Permeability
0.0	On Site	Fracture	Low	Very Low
0.0	On Site	Fracture	Low	Very Low

2.3.3 Linear features

Are there any records of linear features within 500m of the study site boundary? No

Database searched and no data found.

The geology map for the site and surrounding area are extracted from the BGS Digital Geological Map of Great Britain at 1:50,000 scale.

This Geology shows the main components as discrete layers, these are: Bedrock/Solid Geology and linear features such as faults. These are all displayed with the BGS Lexicon code for the rock unit and BGS sheet number. Not all of the main geological components have nation wide coverage.

3 Radon Data

3.1 Radon Affected Areas

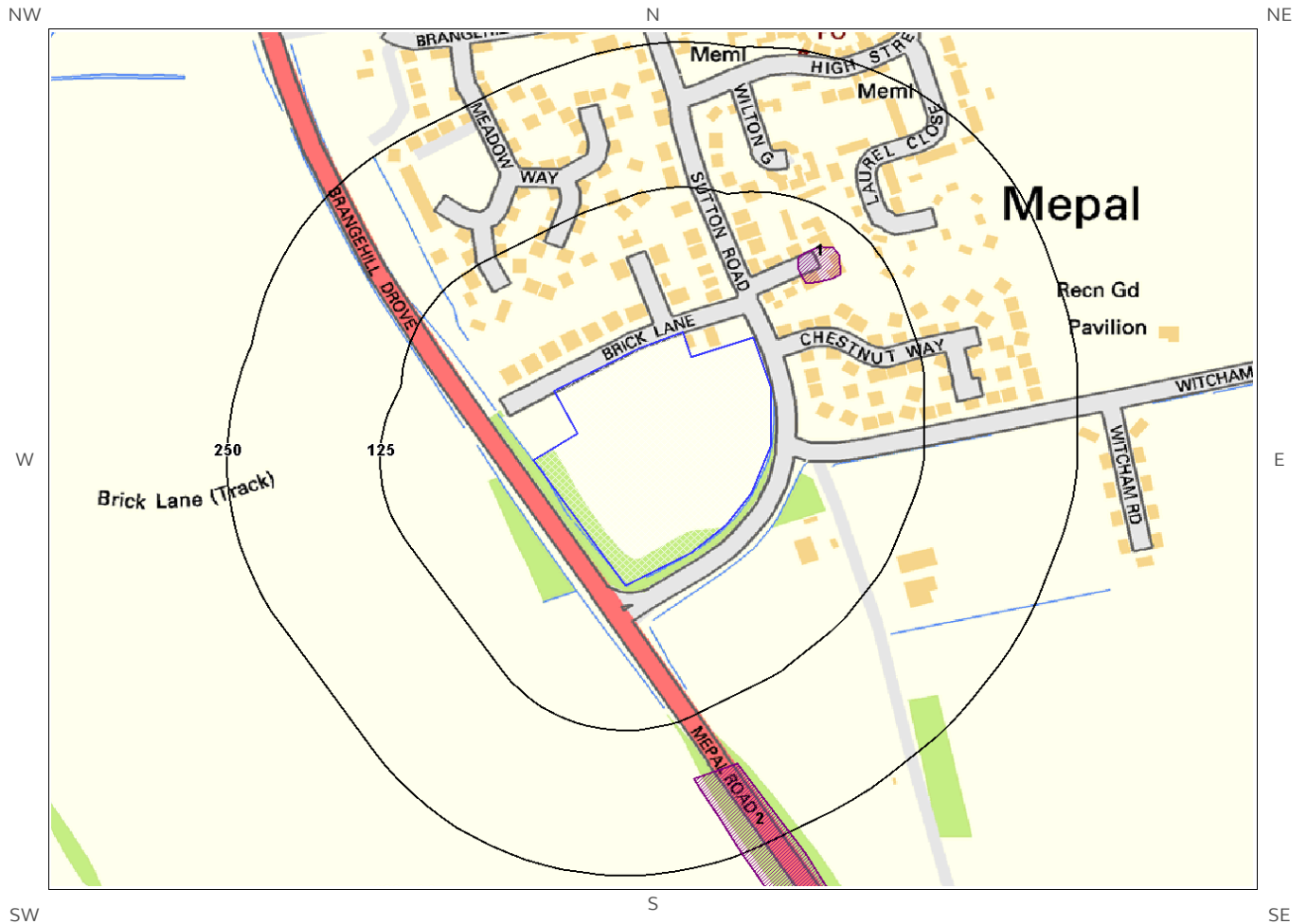
Is the property in a Radon Affected Area as defined by the Health Protection Agency (HPA) and if so what percentage of homes are above the Action Level? The property is not in a Radon Affected Area, as less than 1% of properties are above the Action Level.

The radon data in this report is supplied by the BGS/Public Health England and is the definitive map of Radon Affected Areas in Great Britain and Northern Ireland. The dataset was created using long-term radon measurements in over 479,000 homes across Great Britain and 23,000 homes across Northern Ireland, combined with geological data. The dataset is considered accurate to 50m to allow for the margin of error in geological lines, and the findings of this report supercede any answer given in the less accurate Indicative Atlas of Radon in Great Britain, which simplifies the data to give the highest risk within any given 1km grid square. As such, the radon atlas is considered indicative, whereas the data given in this report is considered definitive.

3.2 Radon Protection



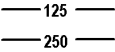


Is the property in an area where Radon Protection are required for new properties or extensions to existing ones as described in publication BR211 by the Building Research Establishment? No radon protective measures are necessary.

4 Ground Workings map



Ground Workings Legend

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- | | | | |
|---|--------------------|---|----------------------------------|
|  | Site Outline |  | Historic Surface Ground Workings |
|  | Search Buffers (m) |  | Historic Underground Workings |
| | |  | Current Ground Workings |

4 Ground Workings

4.1 Historical Surface Ground Working Features derived from Historical Mapping

This dataset is based on Groundsure's unique Historical Land Use Database derived from 1:10,560 and 1:10,000 scale historical mapping

Are there any Historical Surface Ground Working Features within 250m of the study site boundary? Yes

ID	Distance (m)	Direction	NGR	Use	Date
1	64.0	NE	544274 280655	Unspecified Pit	1886
2	176.0	S	544247 280131	Cuttings	1989

4.2 Historical Underground Working Features derived from Historical Mapping

This data is derived from the Groundsure unique Historical Land Use Database. It contains data derived from 1:10,000 and 1:10,560 historical Ordnance Survey Mapping and includes some natural topographical features (Shake Holes for example) as well as manmade features that may have implications for ground stability. Underground and mining features have been identified from surface features such as shafts. The distance that these extend underground is not shown.

Are there any Historical Underground Working Features within 1000m of the study site boundary? No

Database searched and no data found.

4.3 Current Ground Workings

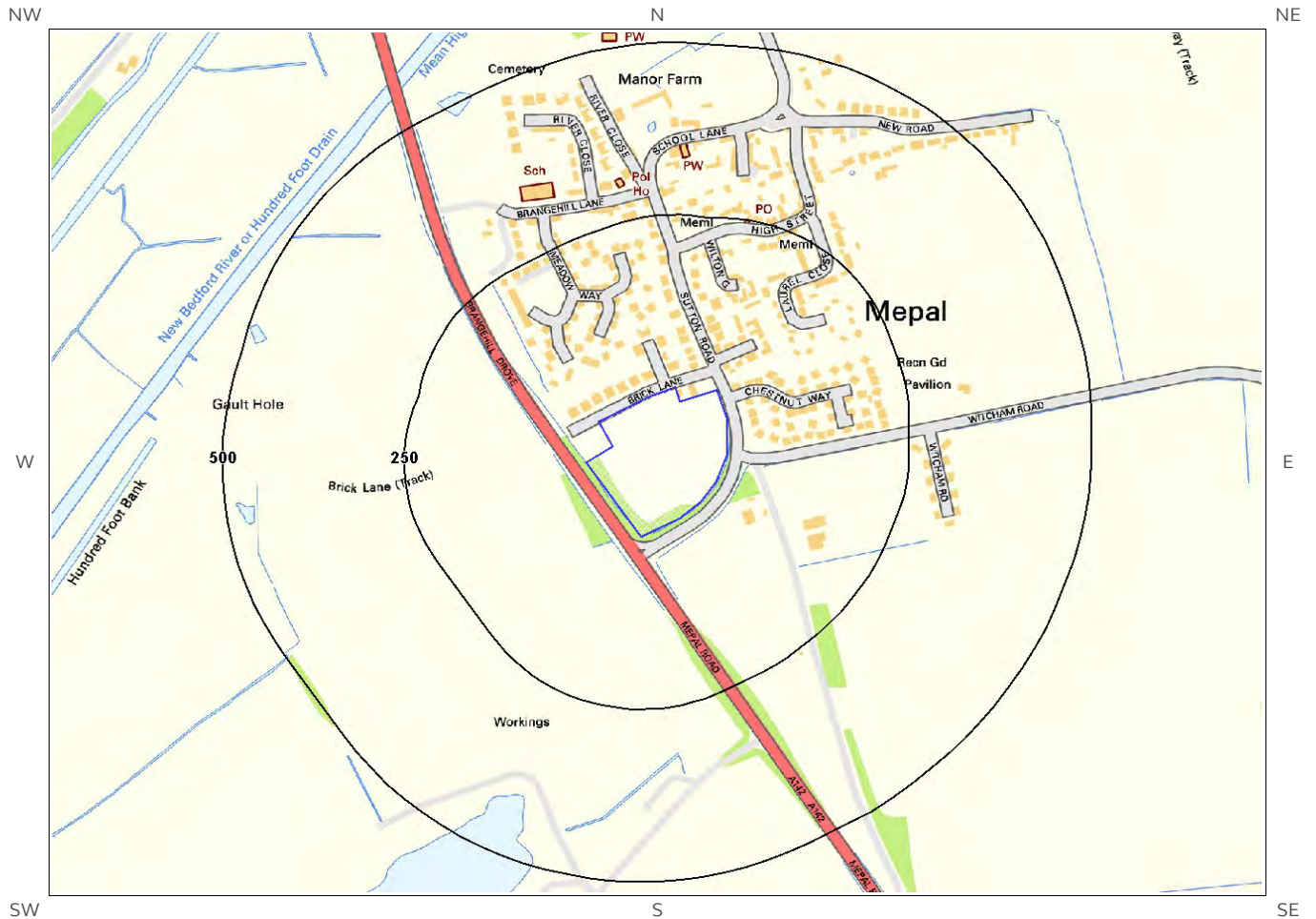
This dataset is derived from the BGS BRITPITS database covering active; inactive mines; quarries; oil wells; gas wells and mineral wharves; and rail deposits throughout the British Isles.

Are there any BGS Current Ground Workings within 1000m of the study site boundary? Yes

The following Current Ground Workings information is provided by British Geological Survey:

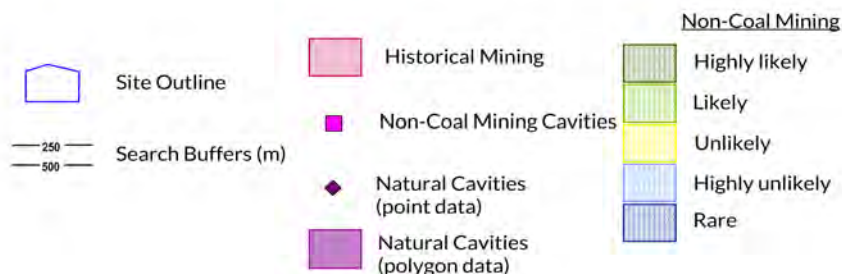
ID	Distance (m)	Direction	NGR	Commodity Produced	Pit Name	Type of working	Status
Not shown	319.0	SW	543970 280095	Sand & Gravel	Mepal Airfield Quarry	A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site	Ceased
Not shown	531.0	NW	543828 281025	Clay & Shale	Mepal	A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site	Ceased
Not shown	660.0	SW	543800 279800	Clay & Shale	Mepal Airfield	A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site	Ceased

5 Mining, Extraction & Natural Cavities map



Mining, Extraction and Natural Cavities Legend

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5 Mining, Extraction & Natural Cavities

5.1 Historical Mining

This dataset is derived from Groundsure unique Historical Land-use Database that are indicative of mining or extraction activities.

Are there any Historical Mining areas within 1000m of the study site boundary? No

Database searched and no data found.

5.2 Coal Mining

This dataset provides information as to whether the study site lies within a known coal mining affected area as defined by the coal authority.

Are there any Coal Mining areas within 1000m of the study site boundary? No

Database searched and no data found.

5.3 Johnson Poole and Bloomer

This dataset provides information as to whether the study site lies within an area where JPB hold information relating to mining.

Are there any JPB Mining areas within 1000m of the study site boundary? No

The following information provided by JPB is not represented on mapping: Database searched and no data found.

5.4 Non-Coal Mining

This dataset provides information as to whether the study site lies within an area which may have been subject to non-coal historic mining.

Are there any Non-Coal Mining areas within 1000m of the study site boundary? No

Database searched and no data found.

5.5 Non-Coal Mining Cavities

This dataset provides information from the Peter Brett Associates (PBA) mining cavities database (compiled for the national study entitled “Review of mining instability in Great Britain, 1990” PBA has also continued adding to this database) on mineral extraction by mining.

Are there any Non-Coal Mining cavities within 1000m of the study site boundary? No

Database searched and no data found.

5.6 Natural Cavities

This dataset provides information based on the Peter Brett Associates natural cavities database. The dataset is made up of points and polygons. Where polygons are used these represent an area in which it is expected the cavities could be found. It does not indicate that cavities are present everywhere within the polygon, and caution should be used in the interpretation of this data.

Are there any Natural Cavities within 1000m of the study site boundary? No

Database searched and no data found.

5.7 Brine Extraction

This data provides information from the Cheshire Brine Subsidence Compensation Board.

Are there any Brine Extraction areas within 1000m of the study site boundary? No

Database searched and no data found.

5.8 Gypsum Extraction

This dataset provides information on Gypsum extraction from British Gypsum records.

Are there any Gypsum Extraction areas within 1000m of the study site boundary? No

Database searched and no data found.

5.9 Tin Mining

This dataset provides information on tin mining areas and is derived from tin mining records. This search is based upon postcode information to a sector level..

Are there any Tin Mining areas within 1000m of the study site boundary? No

Database searched and no data found.

5.10 Clay Mining

This dataset provides information on Kaolin and Ball Clay mining from relevant mining records.

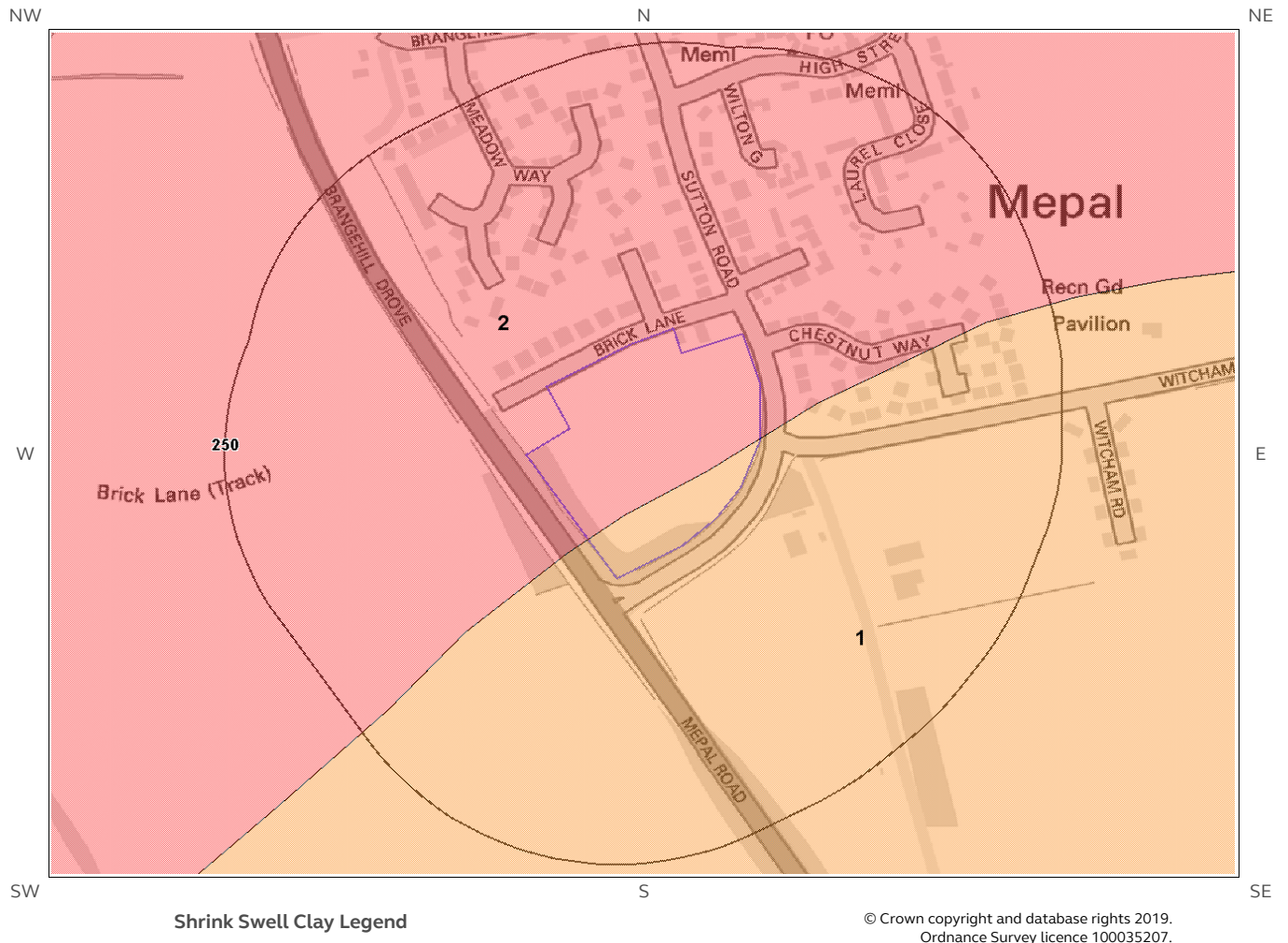
Are there any Clay Mining areas within 1000m of the study site boundary?

No

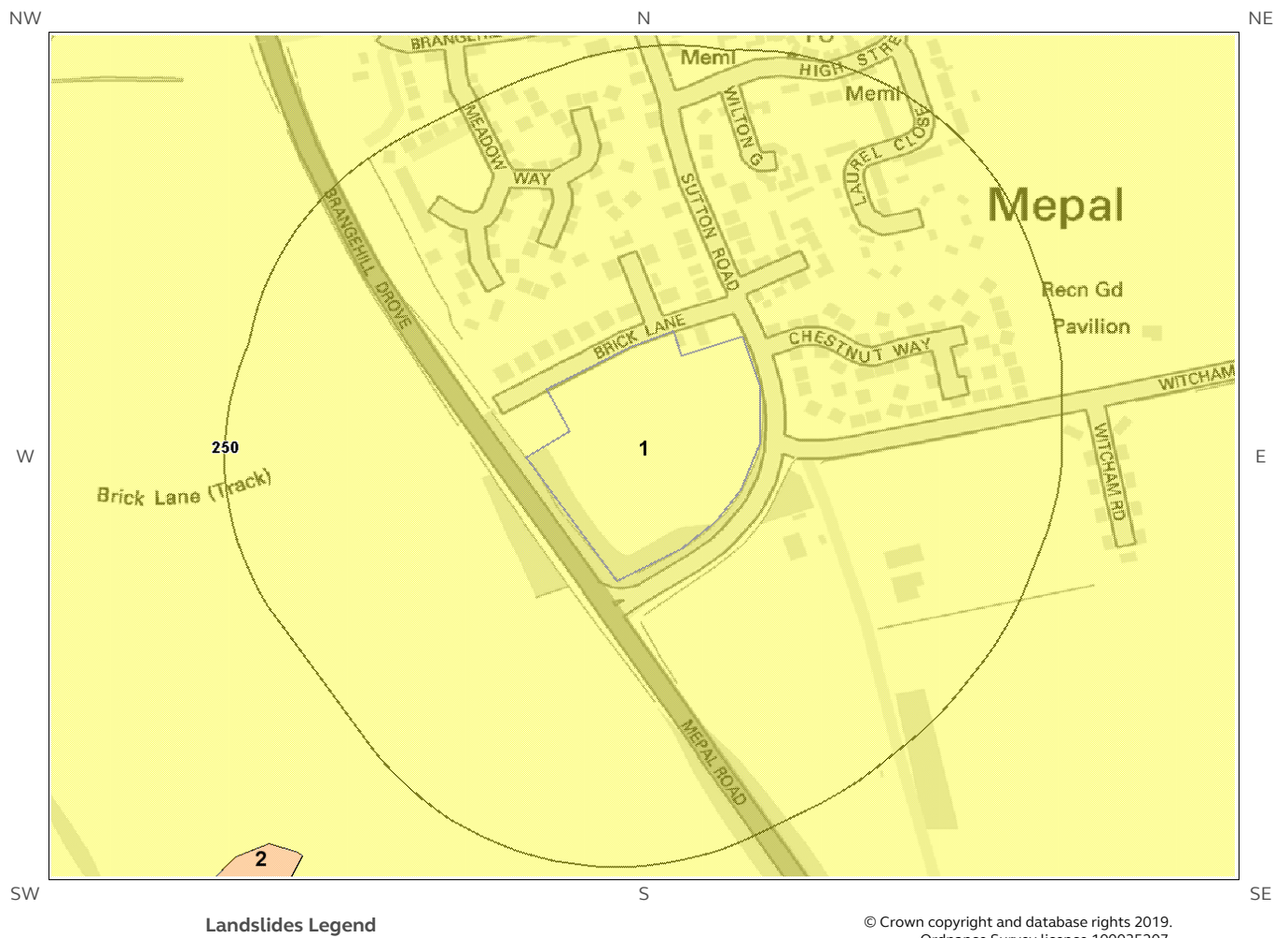
Database searched and no data found.

6 Natural Ground Subsidence

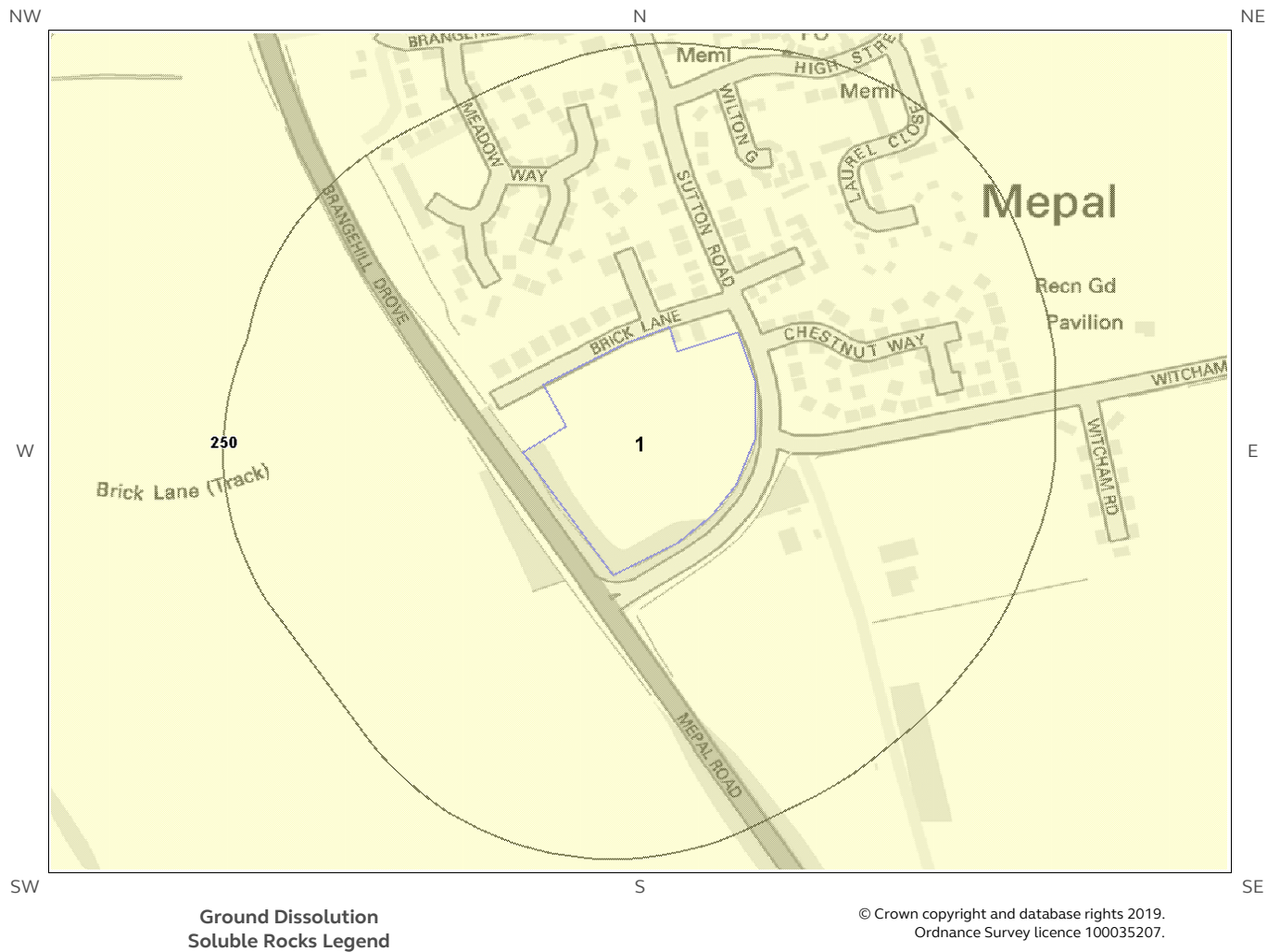
6.1 Shrink-Swell Clay map



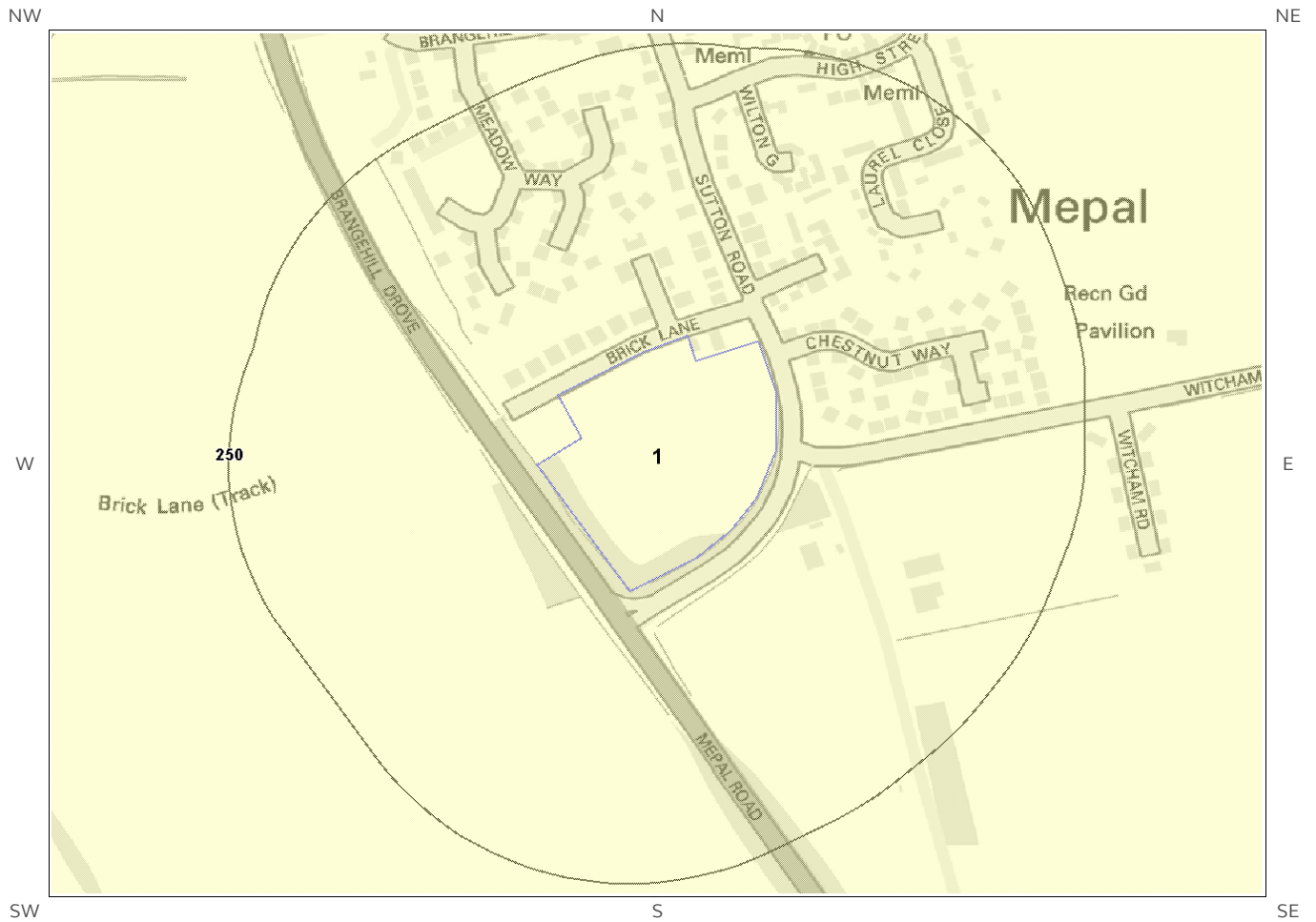
6.2 Landslides map



6.3 Ground Dissolution of Soluble Rocks map



6.4 Compressible Deposits map

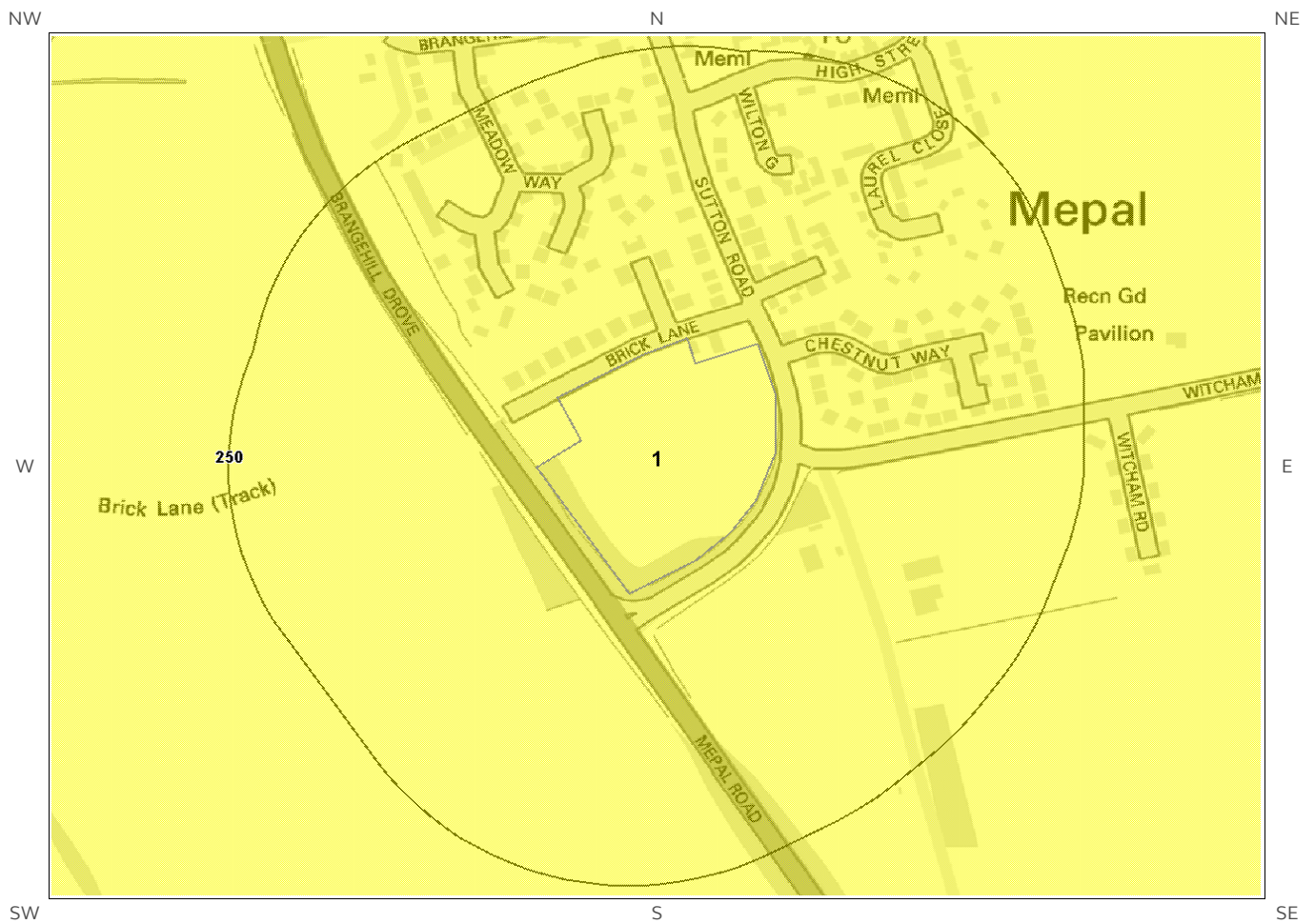


Compressible Deposits Legend

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6.5 Collapsible Deposits map

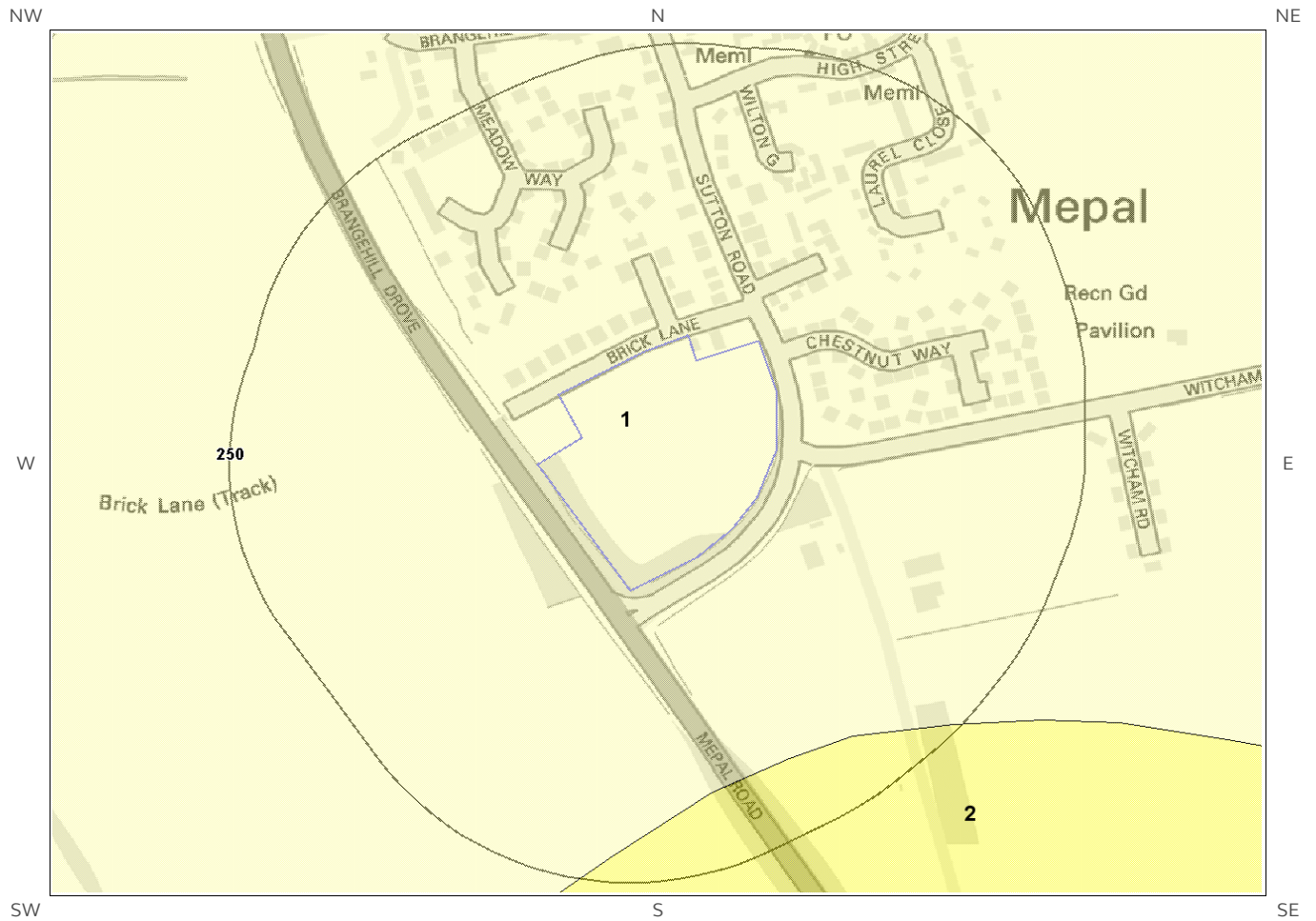


Collapsible Deposits Legend

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6.6 Running Sand map



Running Sand Legend

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6 Natural Ground Subsidence

The National Ground Subsidence rating is obtained through the 6 natural ground stability hazard datasets, which are supplied by the British Geological Survey (BGS).

The following GeoSure data represented on the mapping is derived from the BGS Digital Geological map of Great Britain at 1:50,000 scale.

What is the maximum hazard rating of natural subsidence within the study site* boundary? Moderate

6.1 Shrink-Swell Clays

The following Shrink Swell information provided by the British Geological Survey:

ID	Distance (m)	Direction	Hazard Rating	Details
1	0.0	On Site	Low	Ground conditions predominantly medium plasticity. Do not plant trees with high soil moisture demands near to buildings. For new build, consideration should be given to advice published by the National House Building Council (NHBC) and the Building Research Establishment (BRE). There is a possible increase in construction cost to reduce potential shrink-swell problems. For existing property, there is a possible increase in insurance risk, especially during droughts or where vegetation with high moisture demands is present.
2	0.0	On Site	Moderate	Ground conditions predominantly high plasticity. Do not plant or remove trees or shrubs near to buildings without expert advice about their effect and management. For new build, consideration should be given to advice published by the National House Building Council (NHBC) and the Building Research Establishment (BRE). There is a probable increase in construction cost to reduce potential shrink-swell problems. For existing property, there is a probable increase in insurance risk during droughts or where vegetation with high moisture demands is present.

* This includes an automatically generated 50m buffer zone around the site

6.2 Landslides

The following Landslides information provided by the British Geological Survey:

ID	Distance (m)	Direction	Hazard Rating	Details
1	0.0	On Site	Very Low	Slope instability problems are unlikely to be present. No special actions required to avoid problems due to landslides. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with landslides.

6.3 Ground Dissolution of Soluble Rocks

The following Ground Dissolution information provided by the British Geological Survey:

ID	Distance (m)	Direction	Hazard Rating	Details
1	0.0	On Site	Negligible	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.

6.4 Compressible Deposits

The following Compressible Deposits information provided by the British Geological Survey:

ID	Distance (m)	Direction	Hazard Rating	Details
1	0.0	On Site	Negligible	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.

6.5 Collapsible Deposits

The following Collapsible Rocks information provided by the British Geological Survey:

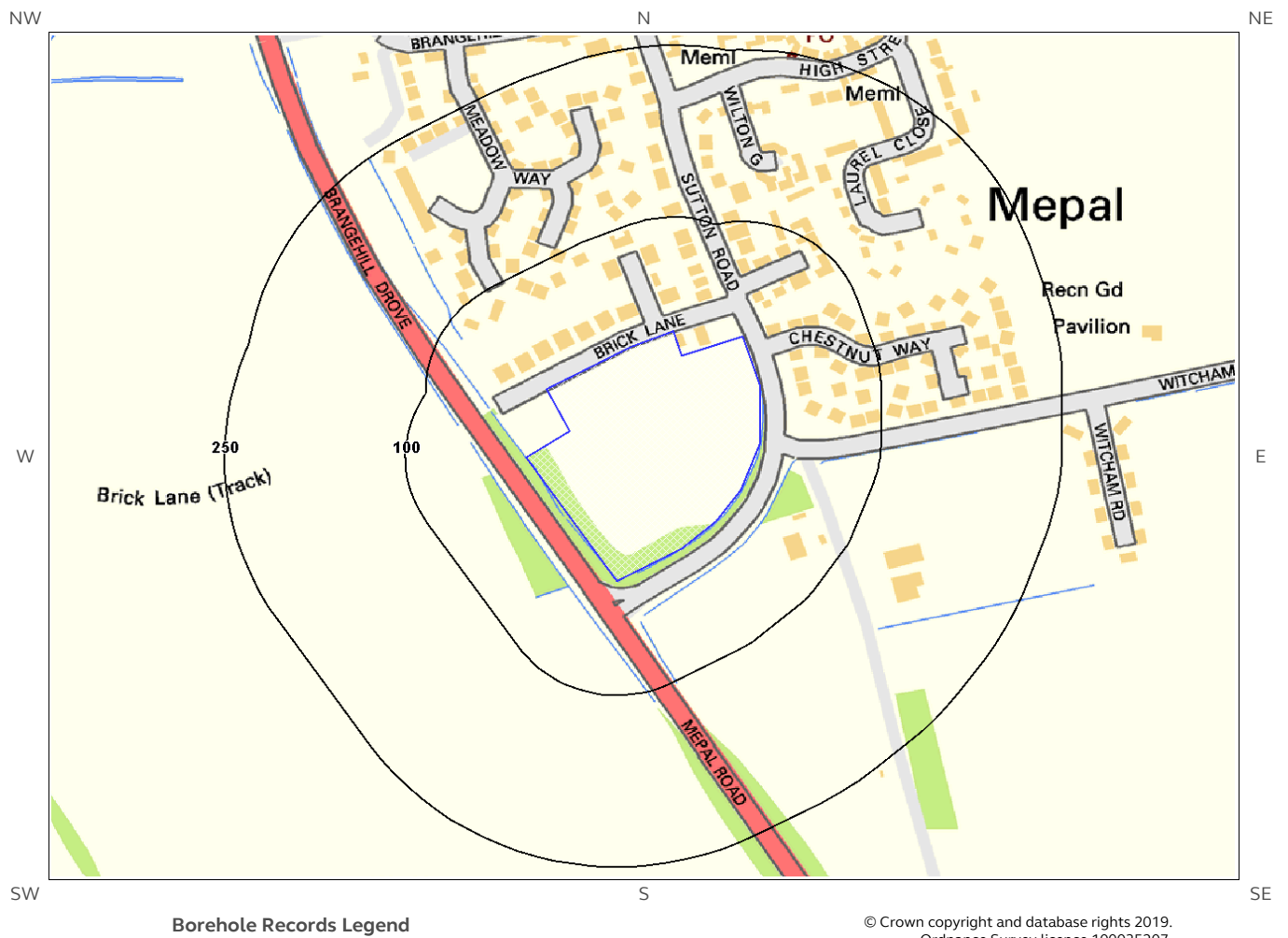
ID	Distance (m)	Direction	Hazard Rating	Details
1	0.0	On Site	Very Low	Deposits with potential to collapse when loaded and saturated are unlikely to be present. No special ground investigation required or increased construction costs or increased financial risk due to potential problems with collapsible deposits.

6.6 Running Sands

The following Running Sands information provided by the British Geological Survey:

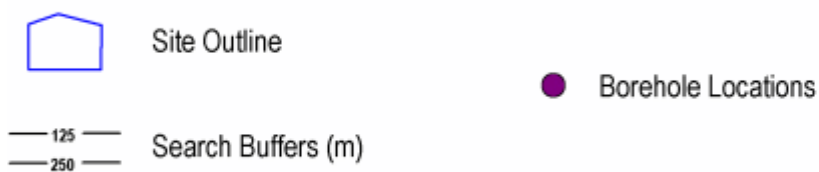
ID	Distance (m)	Direction	Hazard Rating	Details
1	0.0	On Site	Negligible	No indicators for running sand identified. No special actions required to avoid problems due to running sand. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with running sand.

7 Borehole Records map



Borehole Records Legend

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7 Borehole Records

The systematic analysis of data extracted from the BGS Borehole Records database provides the following information.

Records of boreholes within 250m of the study site boundary:

0

Database searched and no data found.

8 Estimated Background Soil Chemistry

Records of background estimated soil chemistry within 250m of the study site boundary:

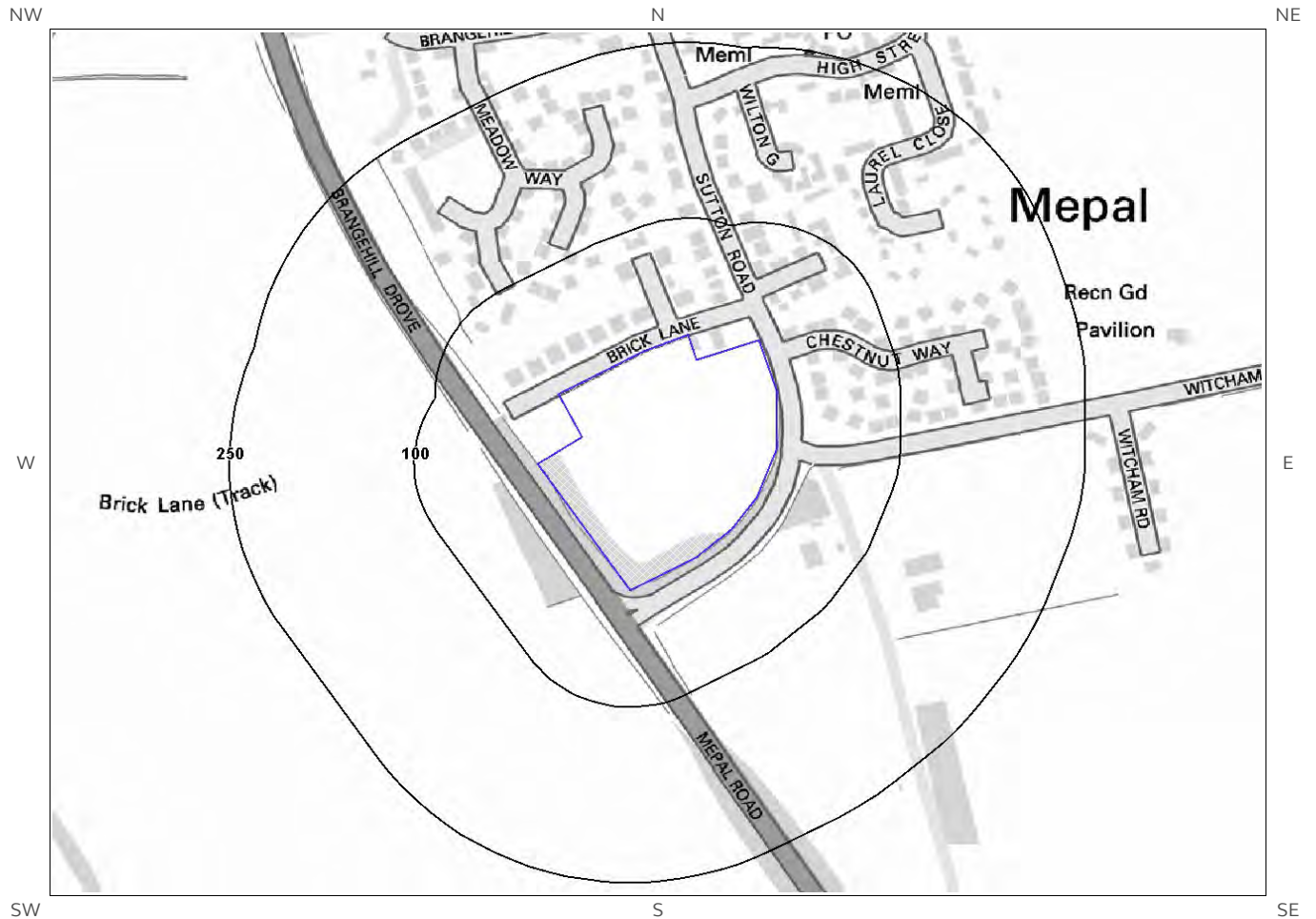
6

For further information on how this data is calculated and limitations upon its use, please see the Groundsure Geo Insight User Guide, available on request.

Distance (m)	Direction	Sample Type	Arsenic (As)	Cadmium (Cd)	Chromium (Cr)	Nickel (Ni)	Lead (Pb)
0.0	On Site	RuralSoil	15 - 25 mg/kg	<1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg	<100 mg/kg
0.0	On Site	RuralSoil	15 - 25 mg/kg	<1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg	<100 mg/kg
0.0	On Site	RuralSoil	15 - 25 mg/kg	<1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg	<100 mg/kg
0.0	On Site	RuralSoil	15 - 25 mg/kg	<1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg	<100 mg/kg
41.0	W	RuralSoil	15 - 25 mg/kg	<1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg	<100 mg/kg
43.0	W	RuralSoil	15 - 25 mg/kg	<1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg	<100 mg/kg

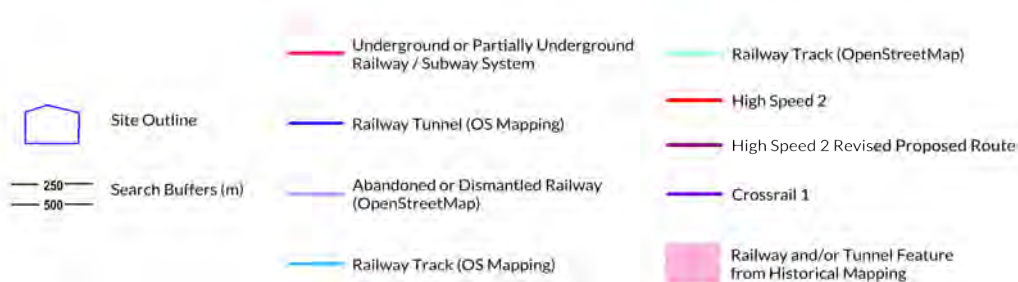
*As this data is based upon underlying 1:50,000 scale geological information, a 50m buffer has been added to the search radius.

9 Railways and Tunnels map



Railways and Tunnels Legend

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9 Railways and Tunnels

9.1 Tunnels

This data is derived from OpenStreetMap and provides information on the possible locations of underground railway systems in the UK - the London Underground, the Tyne & Wear Metro and the Glasgow Subway.

Have any underground railway lines been identified within the study site boundary? No

Have any underground railway lines been identified within 250m of the study site boundary? No

Database searched and no data found.

Any records that have been identified are represented on the Railways and Tunnels map.

This data is derived from Ordnance Survey mapping and provides information on the possible locations of railway tunnels forming part of the UK overground railway network.

Have any other railway tunnels been identified within the site boundary? No

Have any other railway tunnels been identified within 250m of the site boundary? No

Database searched and no data found.

Any records that have been identified are represented on the Railways and Tunnels map.

9.2 Historical Railway and Tunnel Features

This data is derived from Groundsure's unique Historical Land-use Database and contains features relating to tunnels, railway tracks or associated works that have been identified from historical Ordnance Survey mapping.

Have any historical railway or tunnel features been identified within the study site boundary? No

Have any historical railway or tunnel features been identified within 250m of the study site boundary? No

Database searched and no data found.

Any records that have been identified are represented on the Railways and Tunnels map.

9.3 Historical Railways

This data is derived from OpenStreetMap and provides information on the possible alignments of abandoned or dismantled railway lines in proximity to the study site.

Have any historical railway lines been identified within the study site boundary? No

Have any historical railway lines been identified within 250m of the study site boundary? No

Database searched and no data found.

Multiple sections of the same track may be listed in the detail above
Any records that have been identified are represented on the Railways and Tunnels map.

9.4 Active Railways

These datasets are derived from Ordnance Survey mapping and OpenStreetMap and provide information on the possible locations of active railway lines in proximity to the study site.

Have any active railway lines been identified within the study site boundary? No

Have any active railway lines been identified within 250m of the study site boundary? No

Database searched and no data found.

Multiple sections of the same track may be listed in the detail above
Any records that have been identified are represented on the Railways and Tunnels map.

9.5 Railway Projects

These datasets provide information on the location of large scale railway projects High Speed 2 and Crossrail 1 .

Is the study site within 5km of the route of the High Speed 2 rail project? No

Is the study site within 500m of the route of the Crossrail 1 rail project? No

Further information on proximity to these routes, the project construction status and associated works can be obtained through the purchase of a Groundsure HS2 and Crossrail 1 Report.

The route data has been digitised from publicly available maps by Groundsure. The route as provided relates to the Crossrail 1 project only, and does not include any details of the Crossrail 2 project, as final details of the route for Crossrail 2 are still under consultation.

Please note that this assessment takes account of both the original Phase 2b proposed route and the amended route proposed in 2016. As the Phase 2b route is still under consultation, Groundsure are providing information on both options until the final route is formally confirmed. Practitioners should take account of this uncertainty when advising clients.

Contact Details

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Telephone: 08444 159 000
info@groundsure.com



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Tel: 0115 936 3143.
Fax: 0115 936 3276.
Email: enquiries@bgs.ac.uk
Web: www.bgs.ac.uk



BGS Geological Hazards Reports and general geological enquiries

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LE12 6HX



The Coal Authority

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133-155 Waterloo Road, London, SE1 8UG
<https://www.gov.uk/government/organisations/public-health-england>
Email: enquiries@phe.gov.uk
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<https://www.groundsure.com/terms-and-conditions-may25-2018>

Site Details:

BRICK LANE, MEPAL, CB6 2AG

Client Ref: 49533
Report Ref: GS-5752762
Grid Ref: 544138, 280488

Map Name: County Series

Map date: 1887

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1887
Revised 1887
Edition N/A
Copyright N/A
Levelled N/A

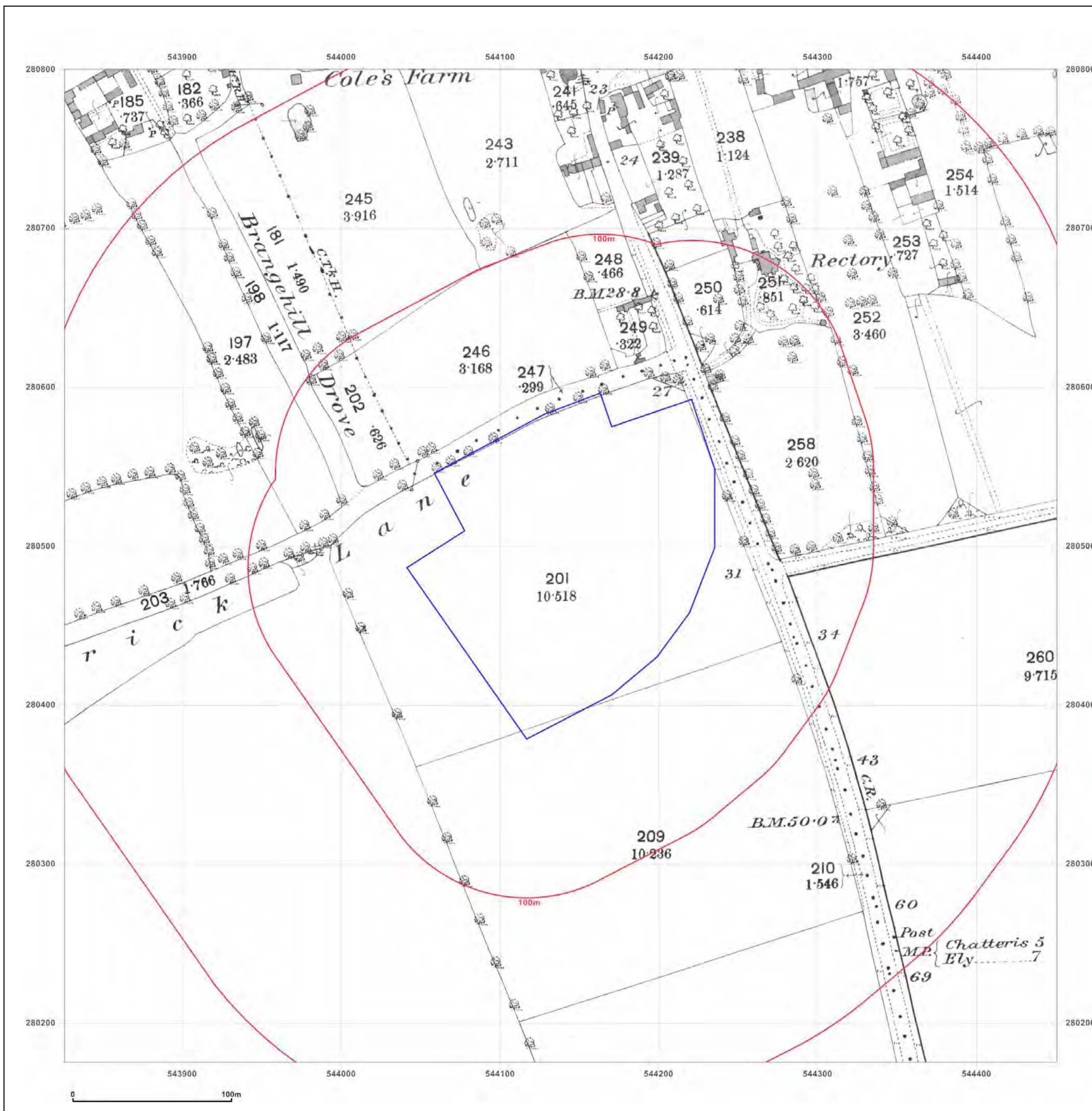


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W: www.groundsure.com

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Production date: 16 January 2019

Map legend available at:
www.groundsure.com/sites/default/files/groundsure_legend.pdf



Site Details:

BRICK LANE, MEPAL, CB6 2AG

Client Ref: 49533
Report Ref: GS-5752762
Grid Ref: 544138, 280488

Map Name: County Series

Map date: 1902

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1902
Revised 1902
Edition N/A
Copyright N/A
Levelled N/A

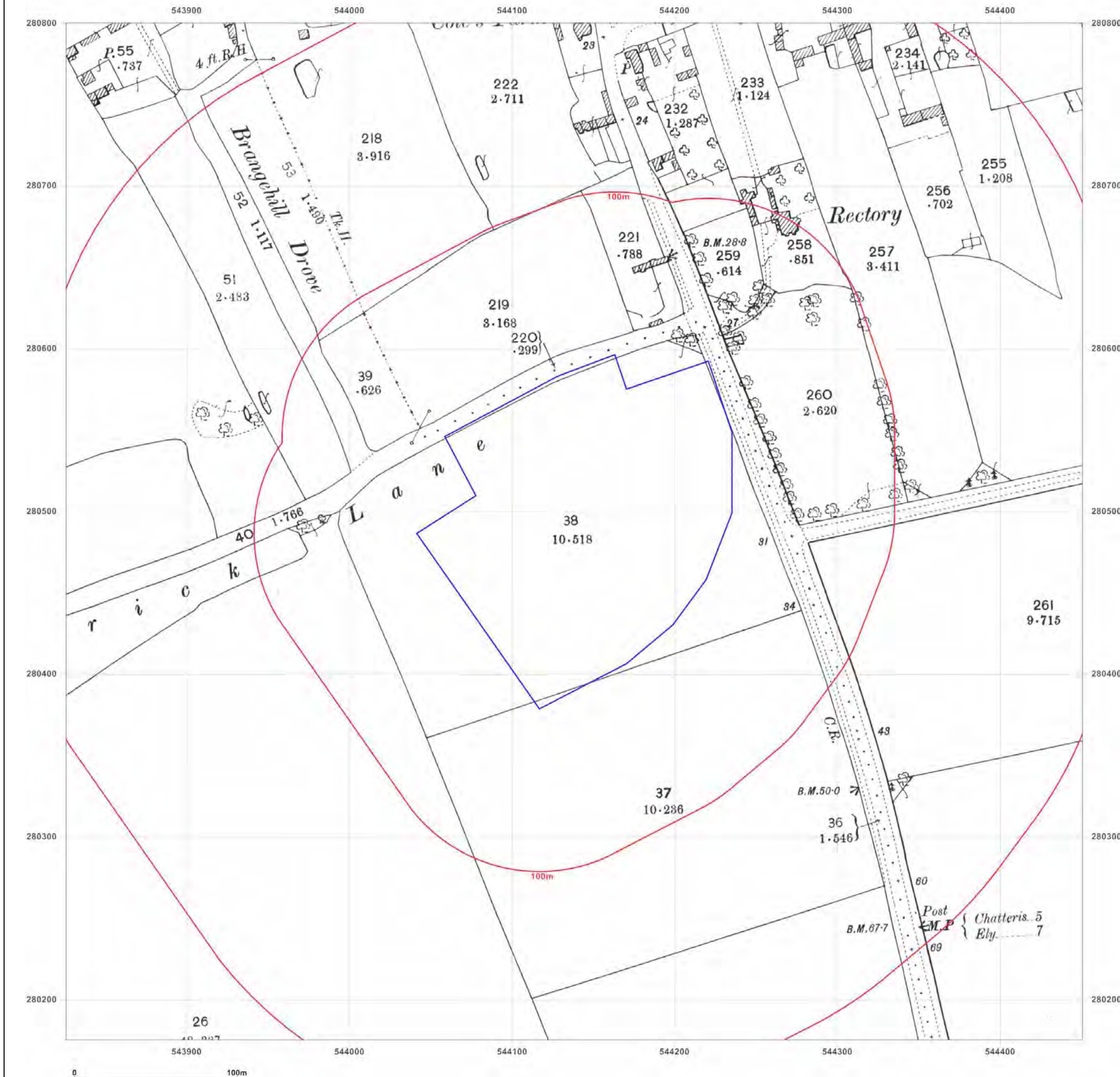


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Site Details:

BRICK LANE, MEPAL, CB6 2AG

Client Ref: 49533
Report Ref: GS-5752762
Grid Ref: 544138, 280488

Map Name: County Series

Map date: 1927

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1927
Revised 1927
Edition N/A
Copyright N/A
Levelled N/A

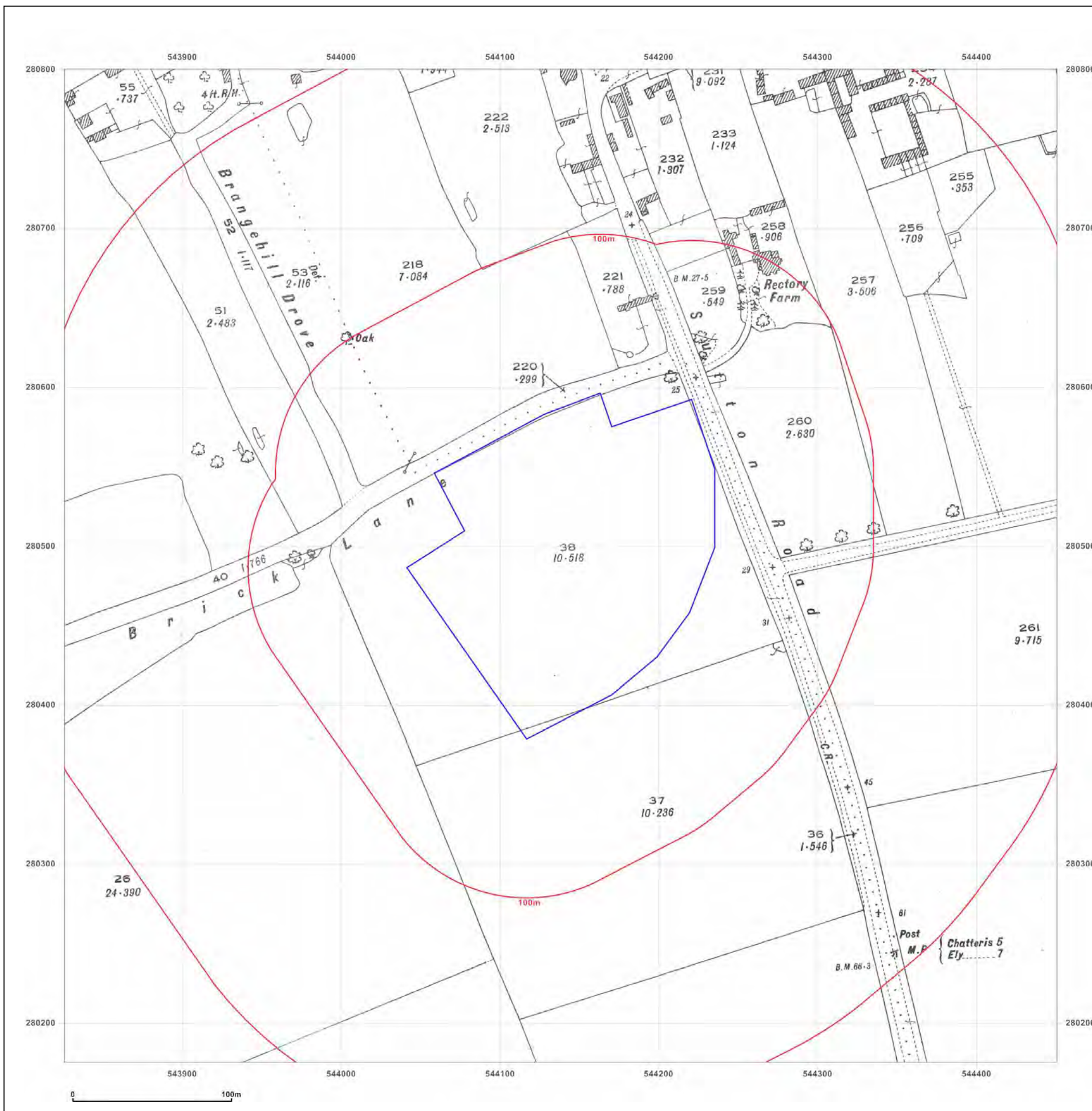


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Site Details:

BRICK LANE, MEPAL, CB6 2AG

Client Ref: 49533
Report Ref: GS-5752762
Grid Ref: 544138, 280488

Map Name: National Grid

Map date: 1980

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1980
 Revised 1980
 Edition N/A
 Copyright 1982
 Levelled 1963

Surveyed 1980
 Revised 1980
 Edition N/A
 Copyright 1981
 Levelled 1962

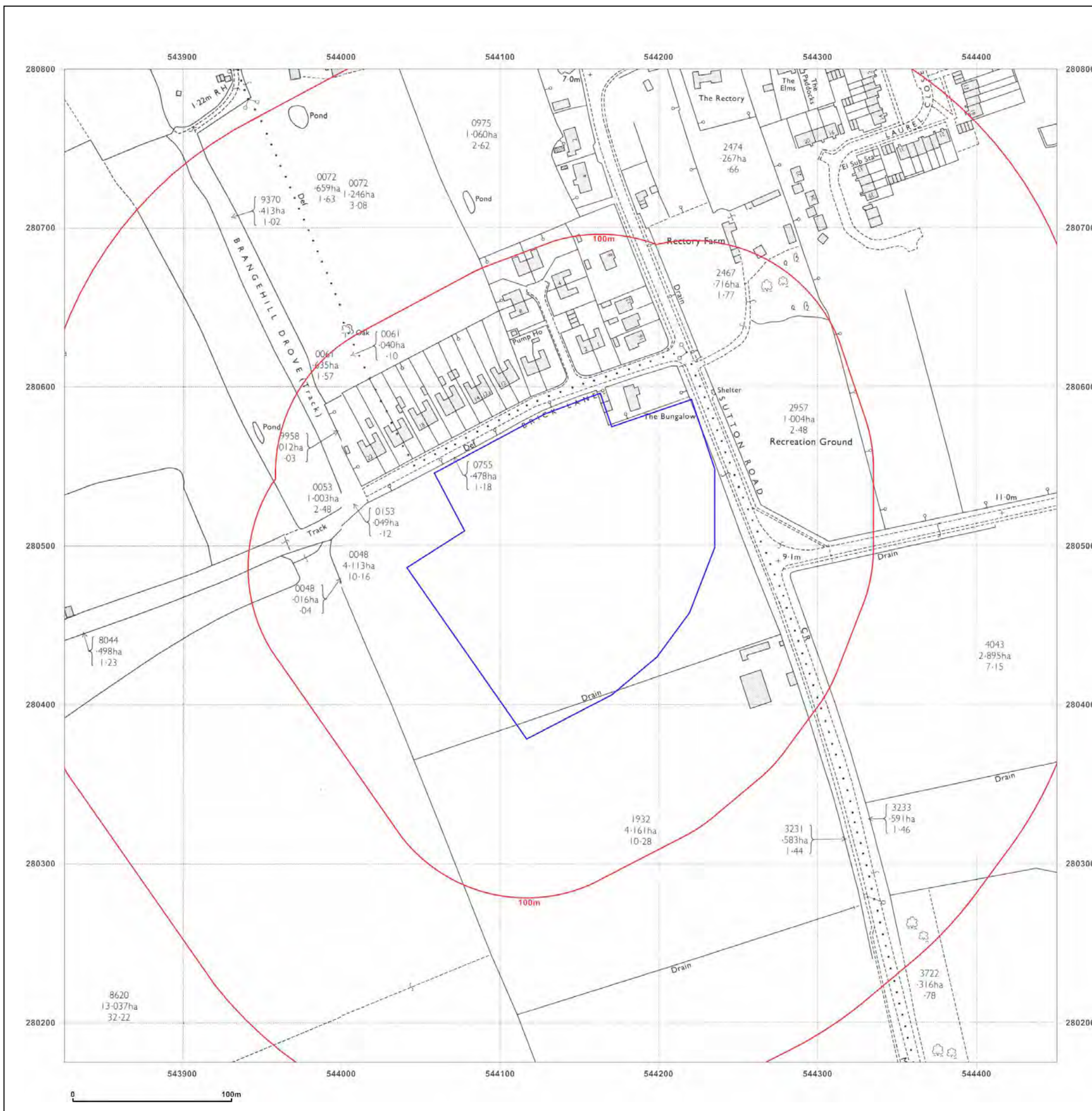


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Site Details:

BRICK LANE, MEPAL, CB6 2AG

Client Ref: 49533
Report Ref: GS-5752762
Grid Ref: 544138, 280488

Map Name: National Grid

Map date: 1987

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1963
 Revised 1987
 Edition N/A
 Copyright 1987
 Levelled 1963

Surveyed 1962
 Revised 1987
 Edition N/A
 Copyright 1987
 Levelled 1962

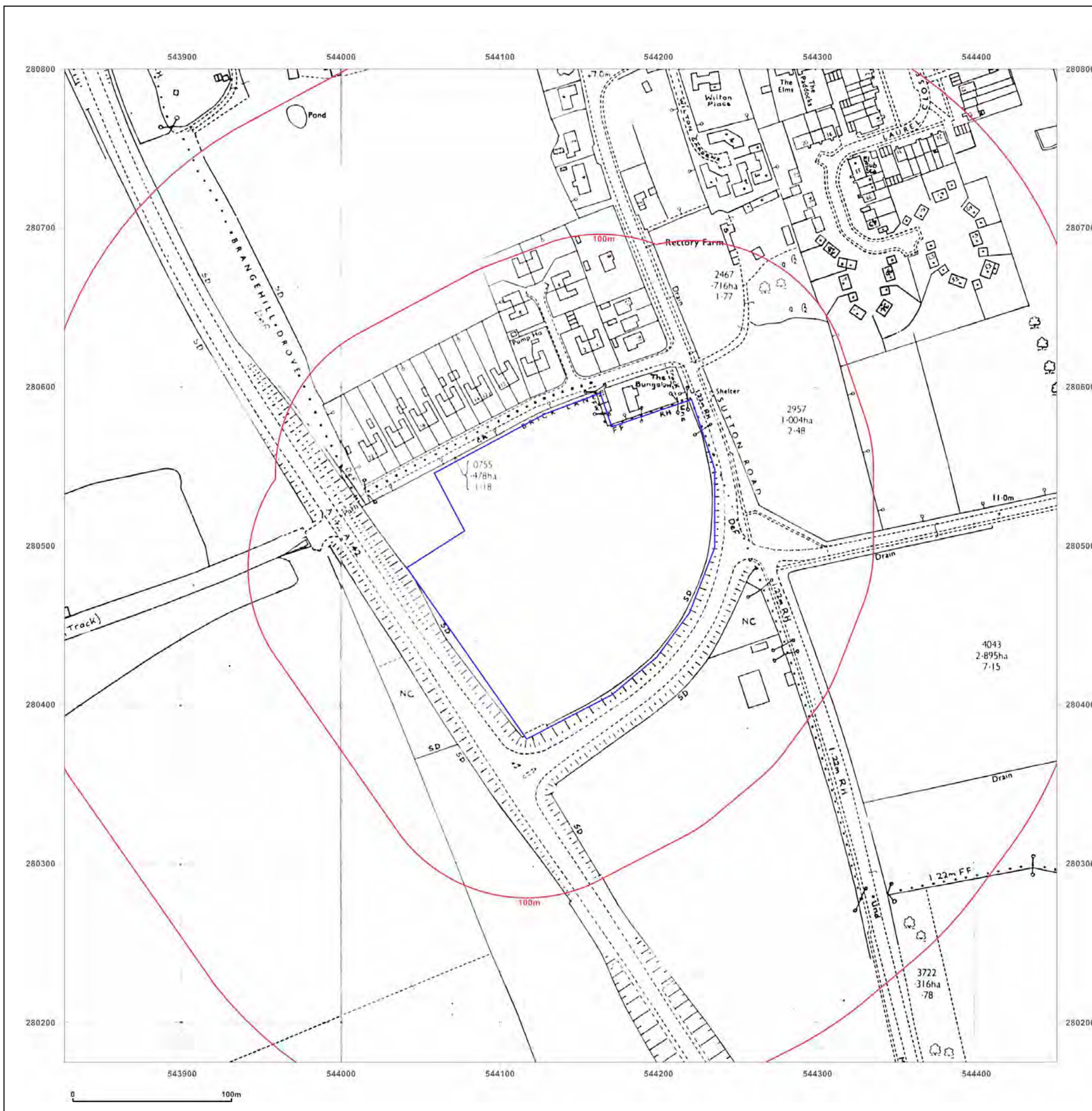


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Site Details:

BRICK LANE, MEPAL, CB6 2AG

Client Ref: 49533
Report Ref: GS-5752762
Grid Ref: 544138, 280488

Map Name: National Grid

Map date: 1994

Scale: 1:2,500

Printed at: 1:2,500



Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1994
 Levelled N/A

Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1994
 Levelled N/A

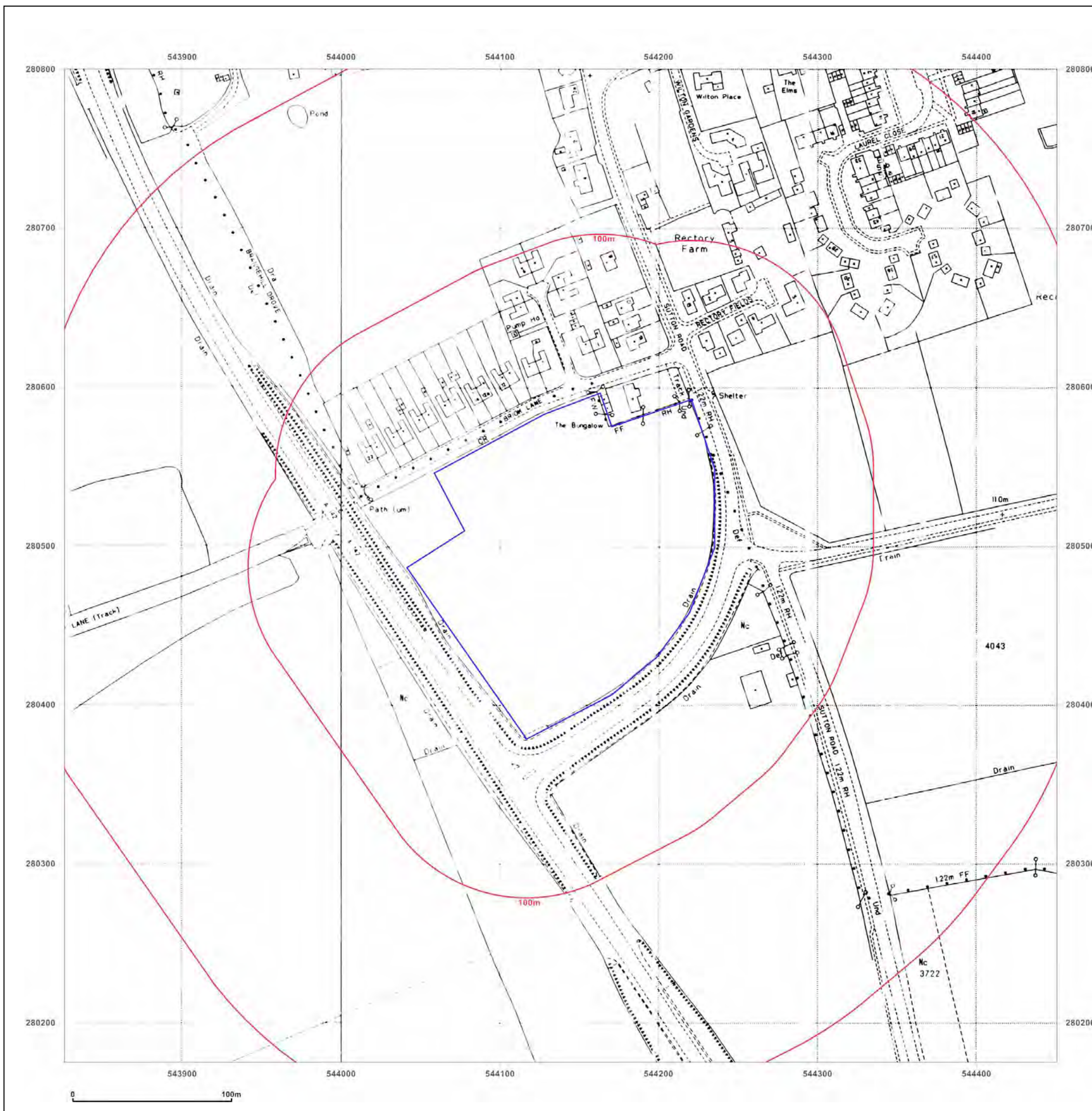


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Site Details:

BRICK LANE, MEPAL, CB6 2AG

Client Ref: 49533
Report Ref: GS-5752762
Grid Ref: 544138, 280488

Map Name: County Series

Map date: 1886

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1886
Revised 1886
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1886
Revised 1886
Edition N/A
Copyright N/A
Levelled N/A

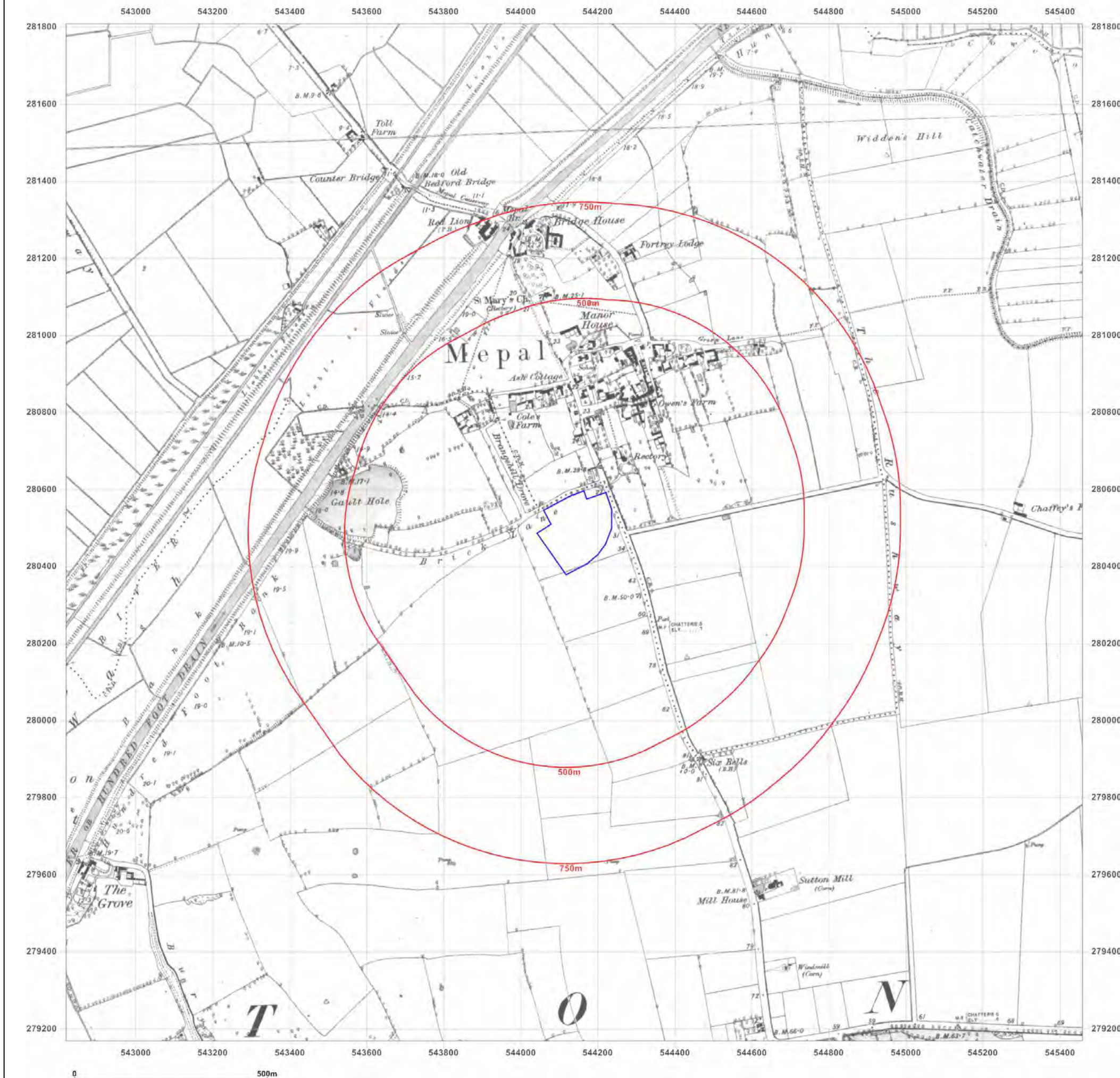


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Site Details:

BRICK LANE, MEPAL, CB6 2AG

Client Ref: 49533
Report Ref: GS-5752762
Grid Ref: 544138, 280488

Map Name: County Series

Map date: 1900

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1886
 Revised 1900
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1886
 Revised 1900
 Edition N/A
 Copyright N/A
 Levelled N/A

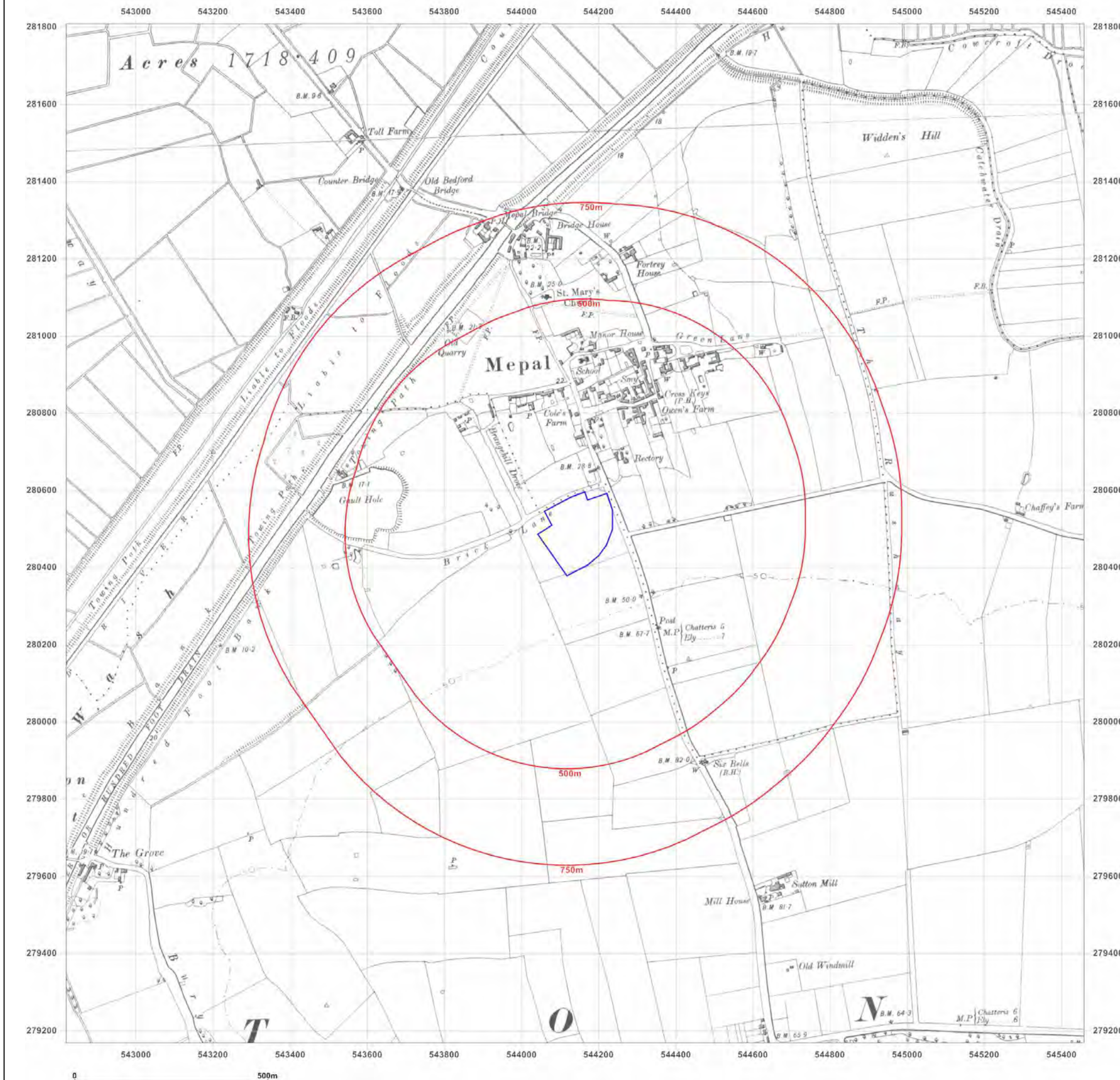


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Site Details:

BRICK LANE, MEPAL, CB6 2AG

Client Ref: 49533
Report Ref: GS-5752762
Grid Ref: 544138, 280488

Map Name: County Series

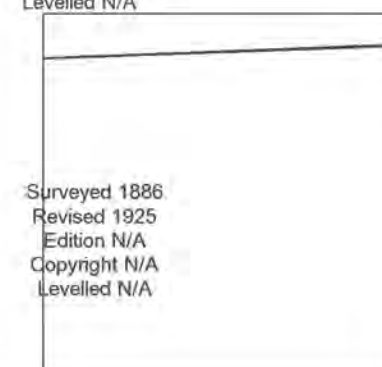
Map date: 1925

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1886
Revised 1925
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1886
Revised 1925
Edition N/A
Copyright N/A
Levelled N/A

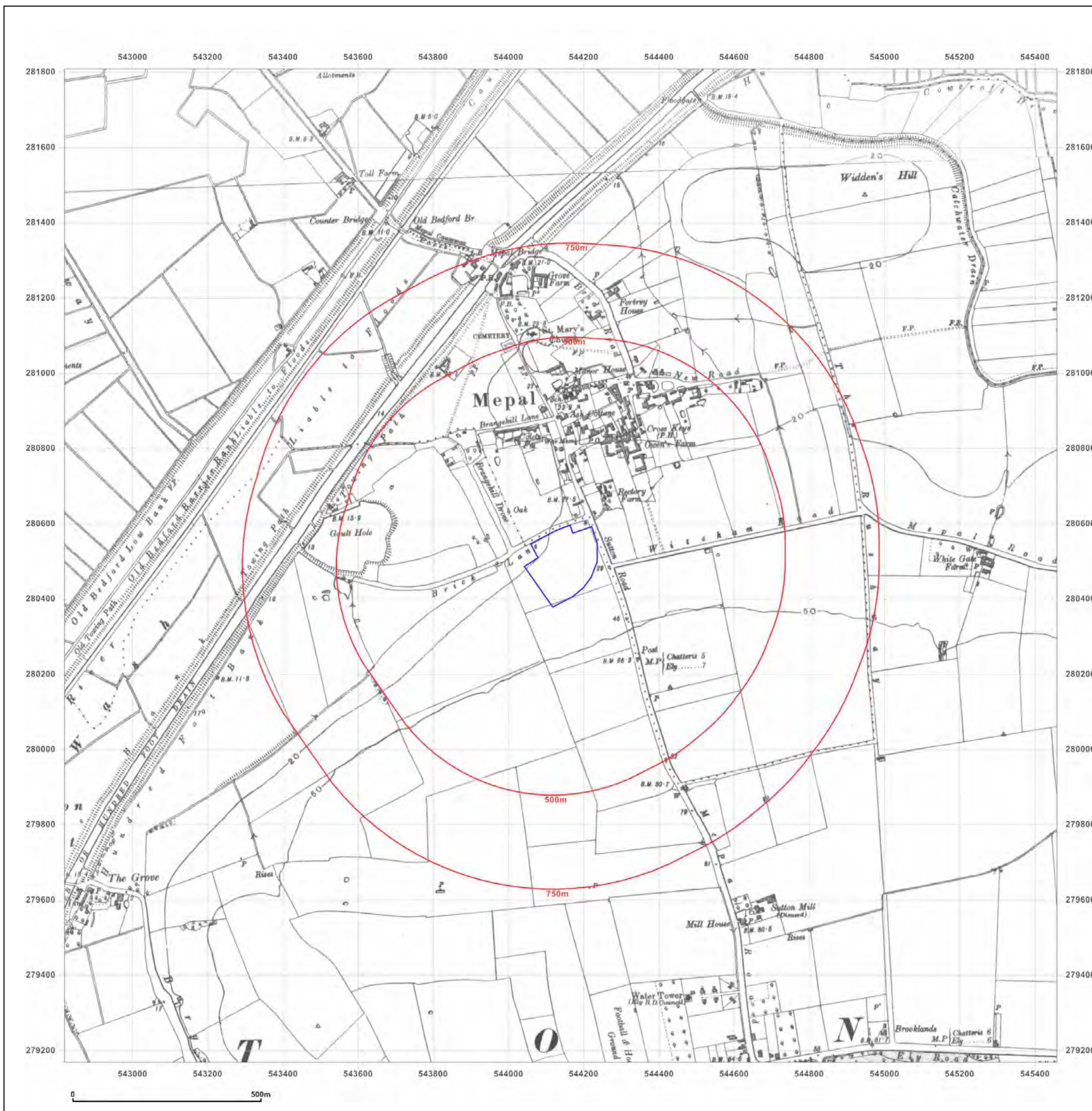


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Site Details:

BRICK LANE, MEPAL, CB6 2AG

Client Ref: 49533
Report Ref: GS-5752762
Grid Ref: 544138, 280488

Map Name: County Series

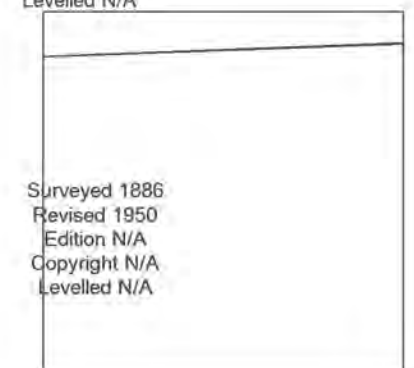
Map date: 1950

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1886
Revised 1950
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1886
Revised 1950
Edition N/A
Copyright N/A
Levelled N/A

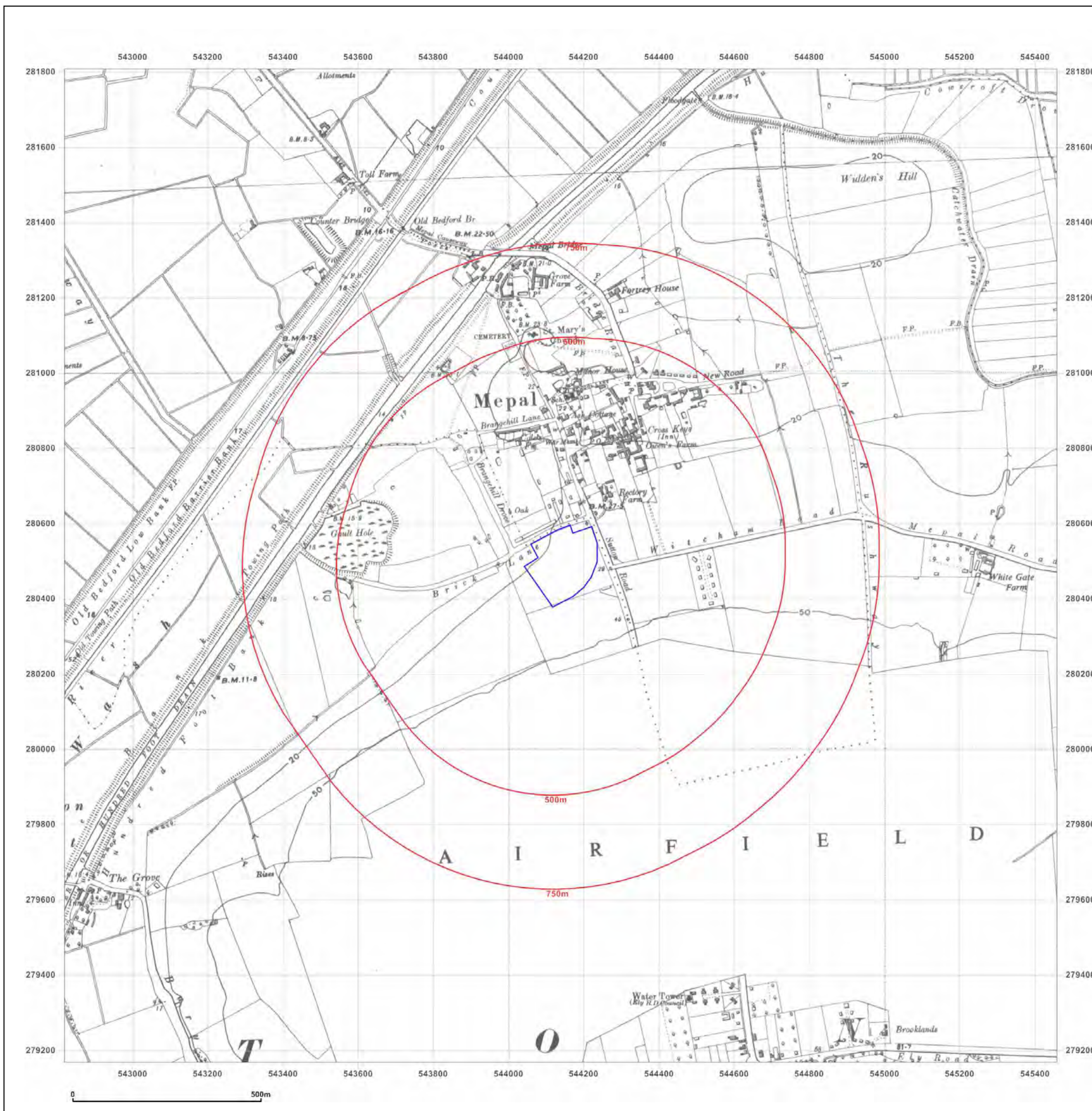


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Site Details:

BRICK LANE, MEPAL, CB6 2AG

Client Ref: 49533
Report Ref: GS-5752762
Grid Ref: 544138, 280488

Map Name: Provisional

Map date: 1957-1958

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1950
Revised 1957
Edition N/A
Copyright N/A
Levelled N/A

Surveyed N/A
Revised 1957
Edition N/A
Copyright N/A
Levelled N/A

Surveyed N/A
Revised 1957
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1950
Revised 1958
Edition N/A
Copyright N/A
Levelled N/A

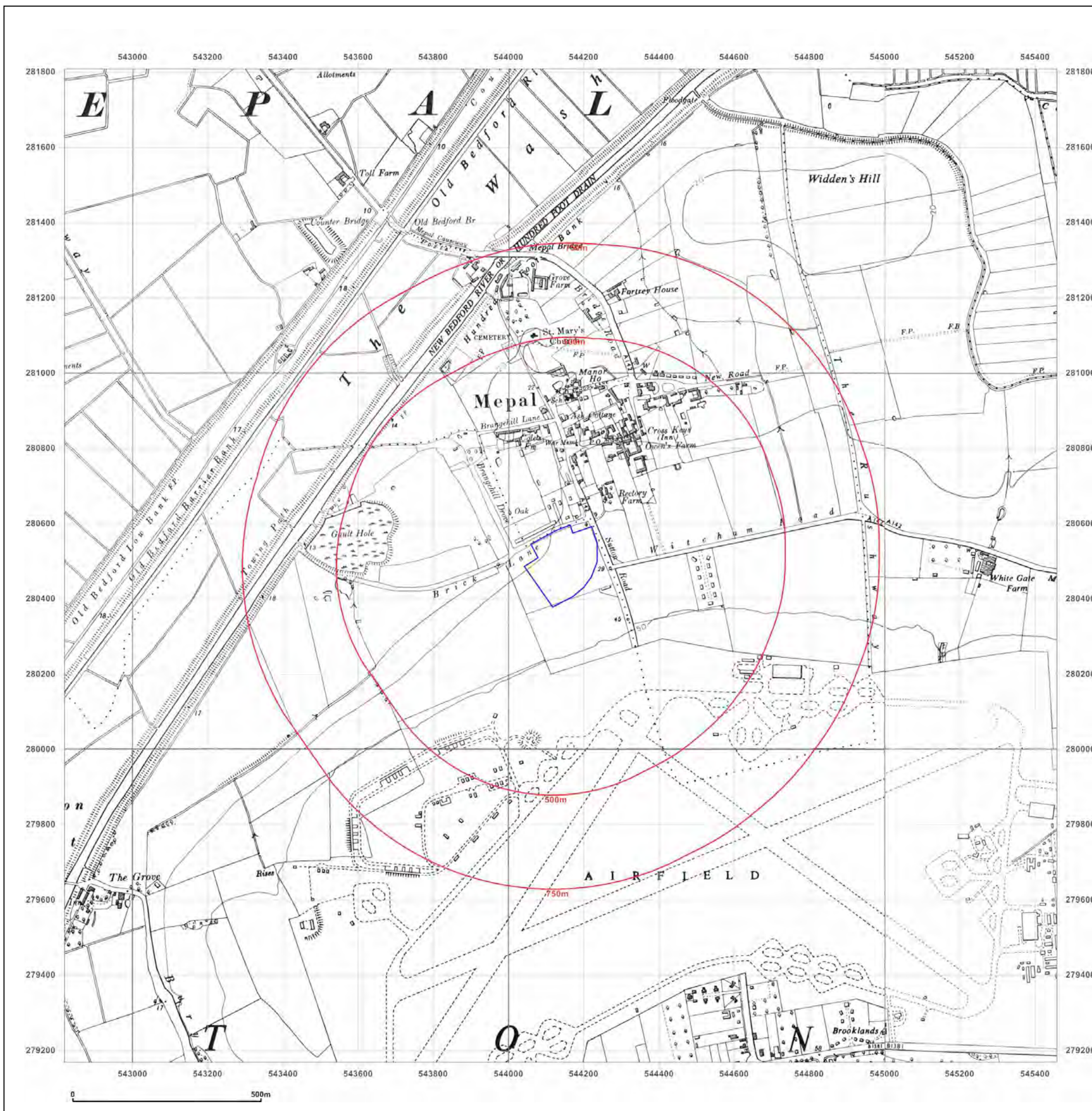


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Site Details:

BRICK LANE, MEPAL, CB6 2AG

Client Ref: 49533
Report Ref: GS-5752762
Grid Ref: 544138, 280488

Map Name: National Grid

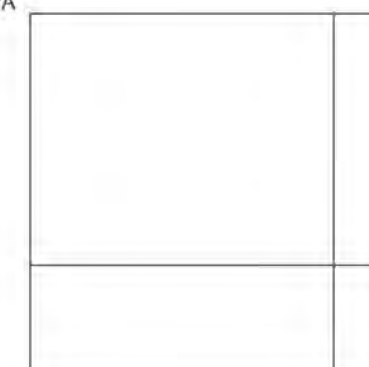
Map date: 1989-1992

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1980
 Revised 1989
 Edition N/A
 Copyright N/A
 Levelled N/A



Surveyed 1975
 Revised 1992
 Edition N/A
 Copyright N/A
 Levelled N/A

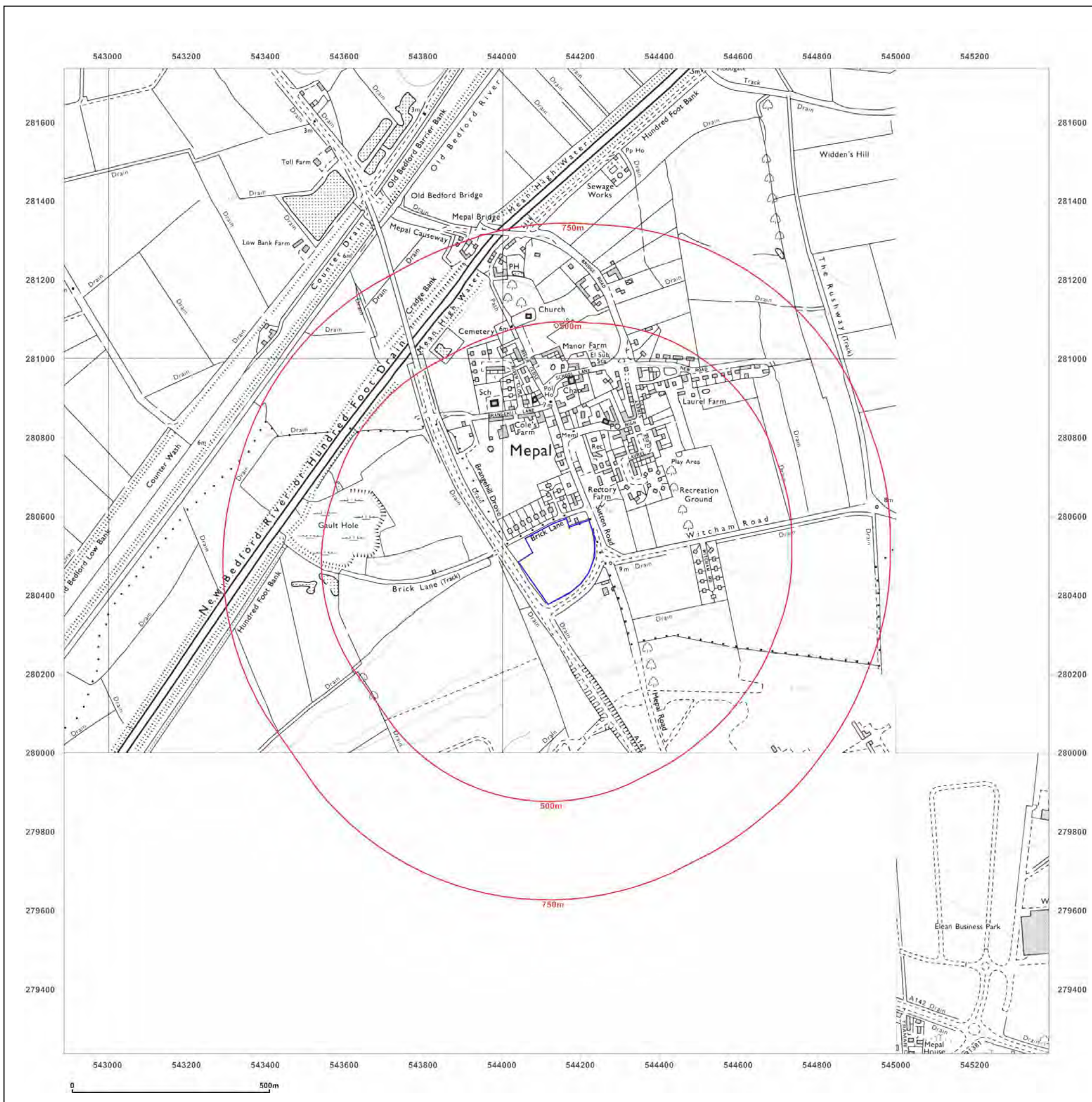


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Site Details:

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Client Ref: 49533
Report Ref: GS-5752762
Grid Ref: 544138, 280488

Map Name: 1:10,000 Raster

Map date: 2002

Scale: 1:10,000

Printed at: 1:10,000

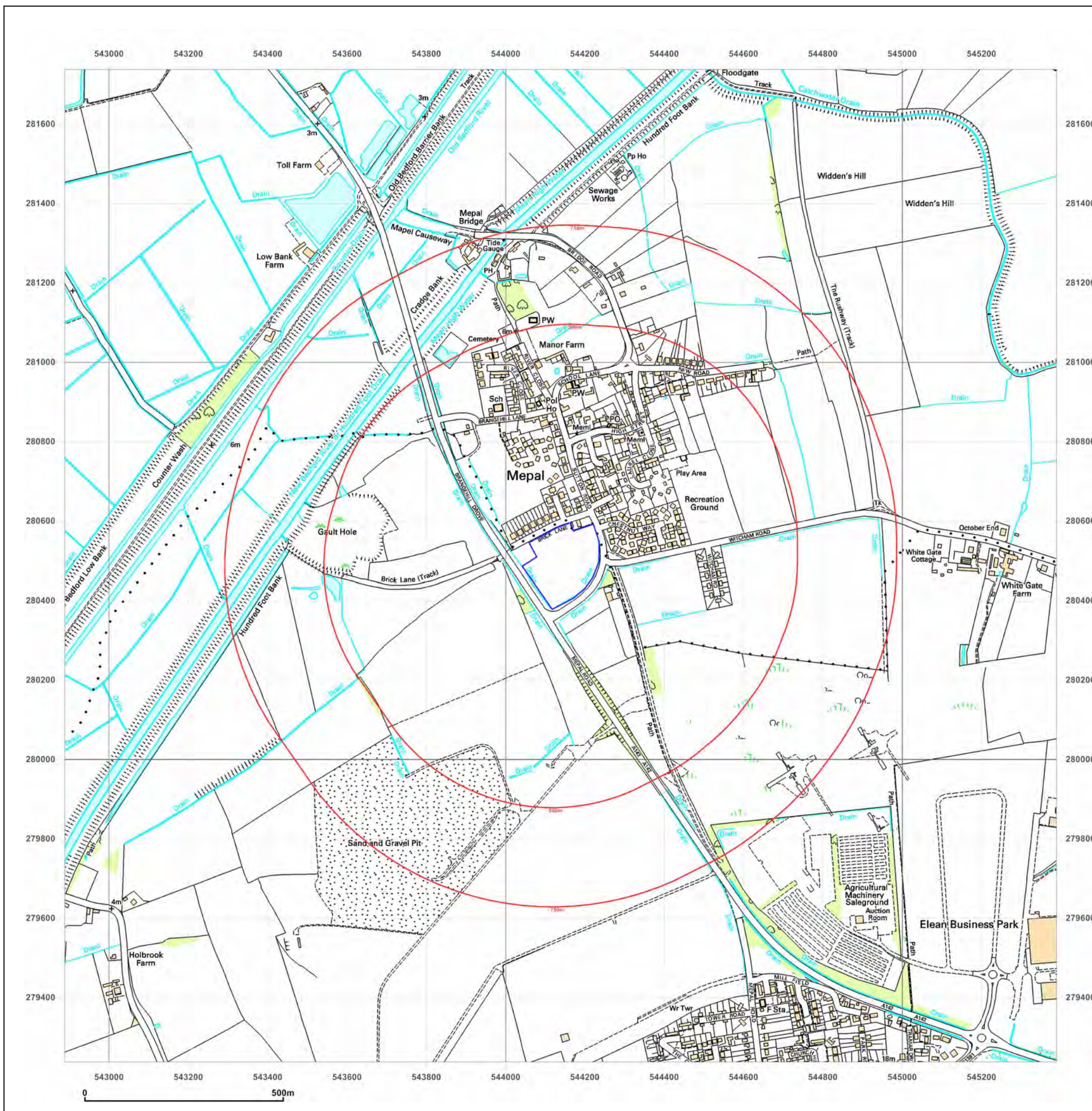


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Client Ref: 49533
Report Ref: GS-5752762
Grid Ref: 544138, 280488

Map Name: National Grid

Map date: 2010

Scale: 1:10,000

Printed at: 1:10,000

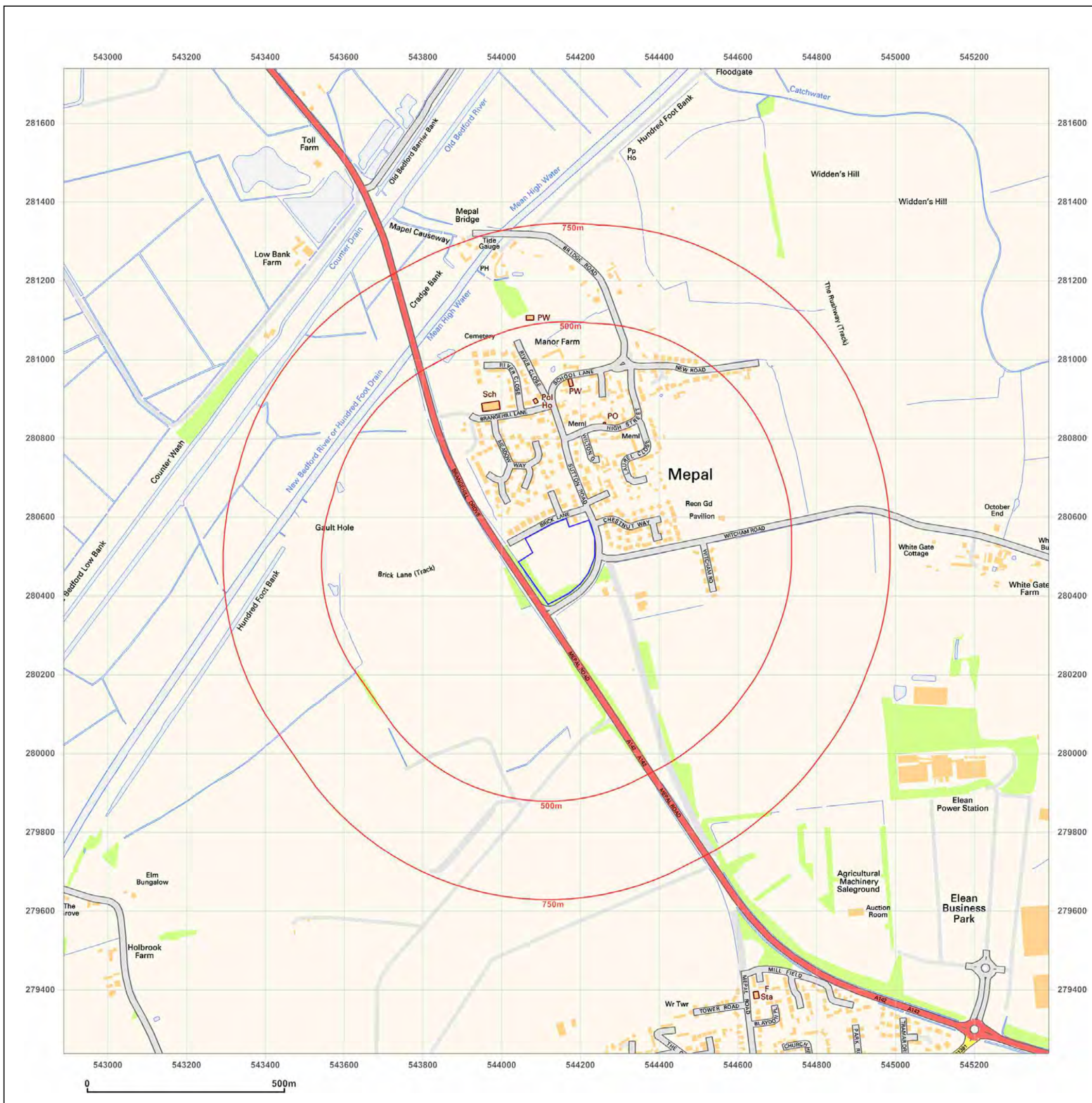


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Site Details:

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Client Ref: 49533
Report Ref: GS-5752762
Grid Ref: 544138, 280488

Map Name: National Grid

Map date: 2014

Scale: 1:10,000

Printed at: 1:10,000

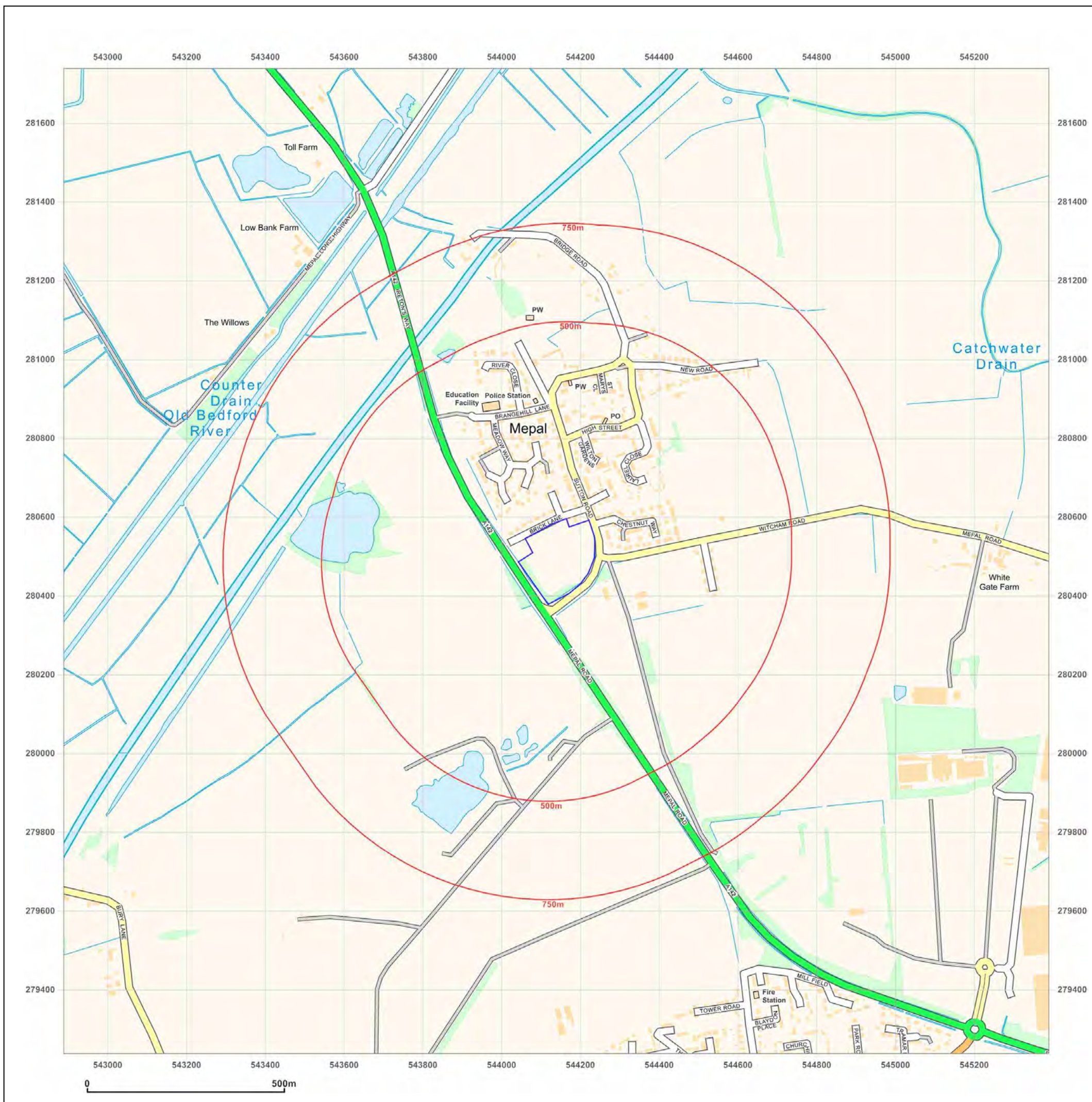


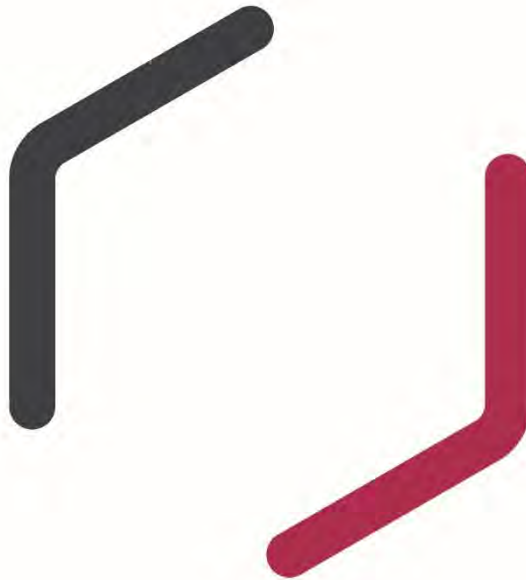
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