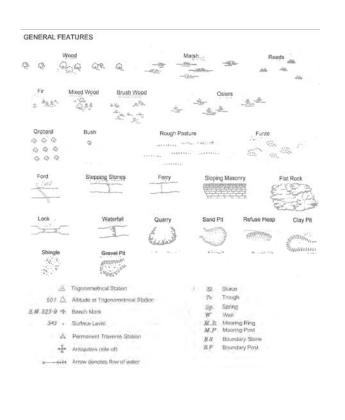
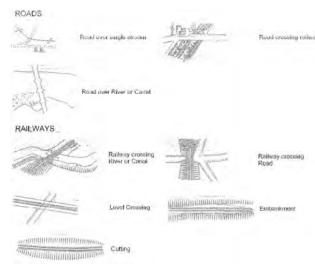
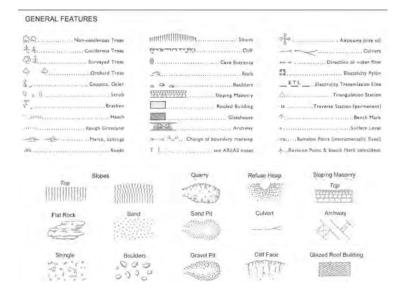
# County Series 1:2,500 scale





1 4	0	Trigonometrical Station			5	34	Stuice
607 /	A	Altitude at Trigonometrical St	atio	17		Te	Trough
B.M.325-0		Bench Mark	4	1		3p.	Spring Well
342	+	Surface Level	١.	F		M.E.	Mooring Ring Mooring Post
	Δ	Permanent Traverse Station				38	Boundary Stone
	Ž.	Antiquities (file of)				BP	Boundary Post
	una.	Arrow denotes flow of water					

# National Grid 1:2,500 / 1:1,250 scale



### BOUNDARIES

### England & Wales .... County Boundary (geographical) \_\_\_ .... County & Civil Parish Boundary coterminous - Admin County or County Borough Boundary M B Bdy UD Bdy R D Bdy County District Boundaries England, Wales & Scotland ... Civil Parish Boundar Boro (or Burgh) Const & Ward Bdy Co Const Bdy Parly & Ward Boundaries based on civil parish Parly & Ward Boundaries not based on civil parish County Boundary (geographical) Co Cni Bdy County Council Boundary County of the City Boundary Co of City Bdy Burgh Bdy Burgh Boundary Burgh Bdy . . +. District Council Boundary

ABBREVIATIONS

O.L. CHARLEST STREET, CONT.	
G V C Gas Valve Compound	
H Hydrans or Hydraulic	
ha Hactares	
L B Letter Box	
L & Sta Lifeboge Station	
LCLevel Crossing	
L G Loading Gauge	
L. Ha Lighthouse	
L Two Lighting Towar	
m	
M H W Mean High Water	
M H W S Mean High Waser Springs	
M L W	
M L W 5 Moun Low Water Serings	
M.P Mille or Mooring Post	

P	15 Mile Szone	
P	T National Trust	
1	T L	
	TS Mational Trust for Scotland	
P	Piller, Pole or Post	
P	C Public Convenience	
þ	C 8 Palice Call Box	
	H Public House	
	D Post Office	
	Pump	
P	T.P	
	osr Asservair	
R	H Road House	
r	Parantage Point	
5		
5	5Signal Box	

# p S L Signal Light e SI Silvice st SP Signal Pear tt SP Signal Pear tt SP Signal Pear tt SP Signal Pear tt SP Signal Station tt C B Telephone Cail Pear T C P Telephone Cail Pear T K Tank or Track tt Tr Trough tt Traverse Station tw W Will tw B Weighbridge Wis Works tw Pp Wind Pump Wis Works tw Pc Water Point tw Wt T Water Tap



# Historical Map Pack Legend

**County Series** 

1:1,250 scale

~

County Series & National Grid

1:2,500 scale

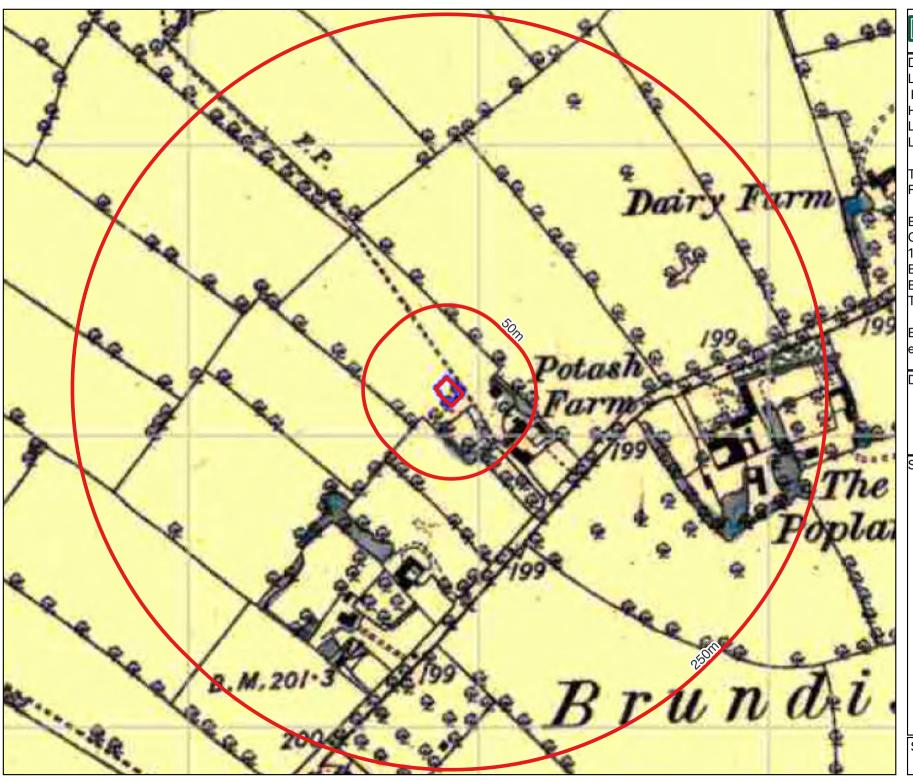
Information present on these legends is sourced from the same Ordnance Survey mapping as the maps used in this product.

If you have a query regarding any of the maps provided within this map pack, please contact GroundSure's technical helpline. We will endeavour to answer any queries you may have.

## Technical Helpline:

Tel 08444159000

groundsureinsight@groundsure.com www.groundsure.com





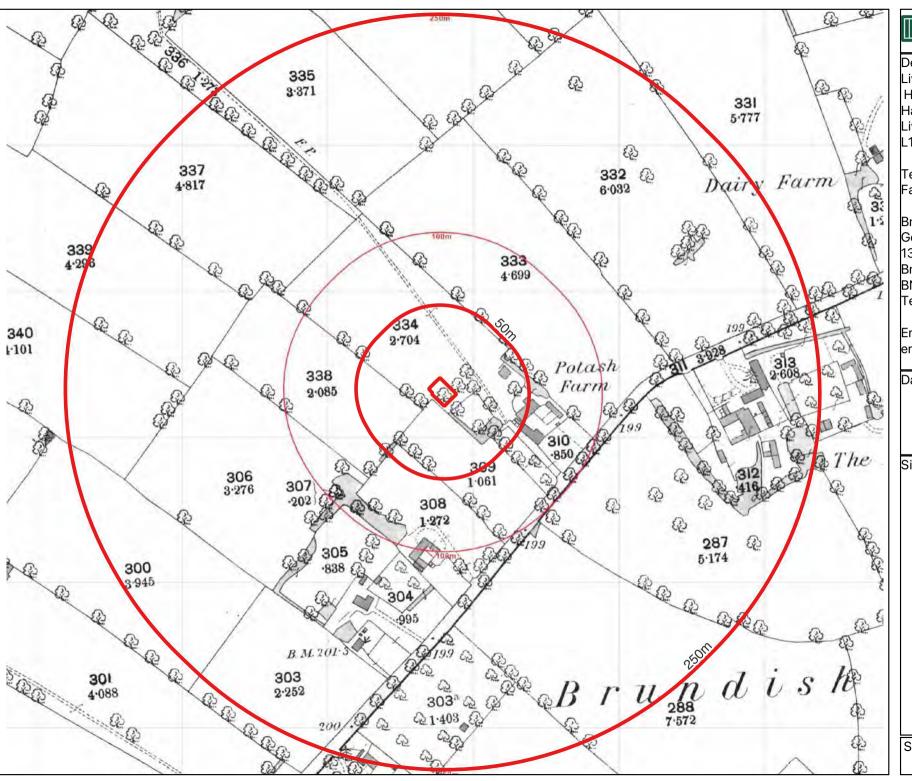
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Brighton Office:
Gemini House
136-140 Old Shoreham Road
Brighton,East Sussex
BN3 7BD
Tel: 01273 741 727

Email: enquiries@demeterenvironmental.co.uk

Date of Map: 1884-1888

Site Name: Potash Farm





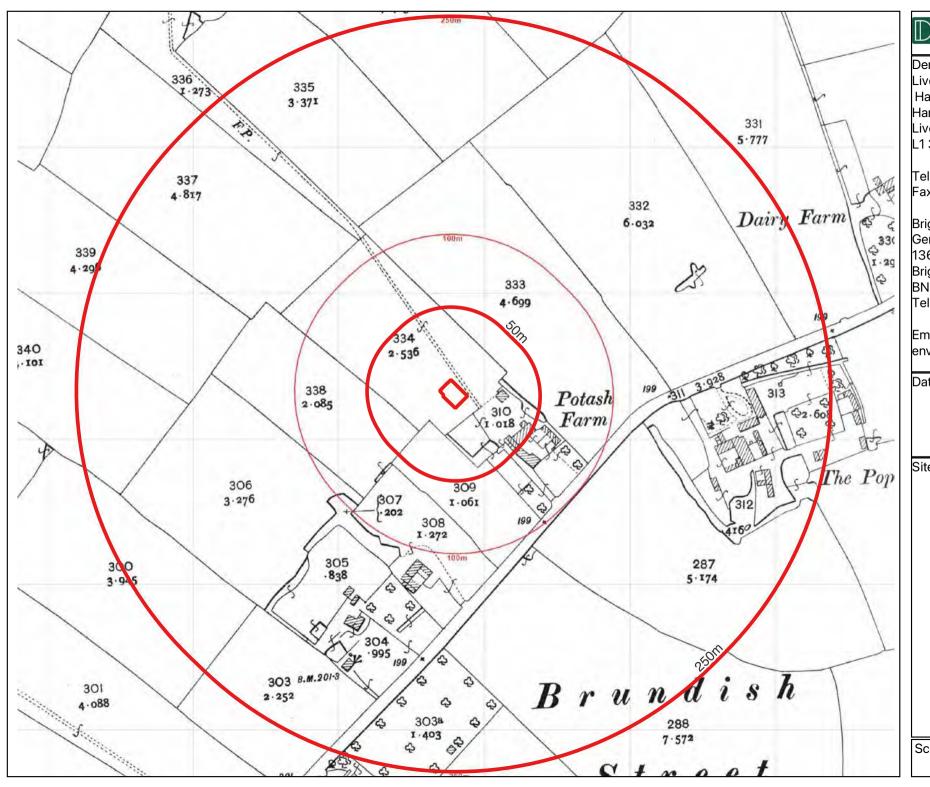
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Brighton,East Sussex
BN3 7BD
Tel: 01273 741 727

Email: enquiries@demeterenvironmental.co.uk

Date of Map: 1884

Site Name: Potash Farm





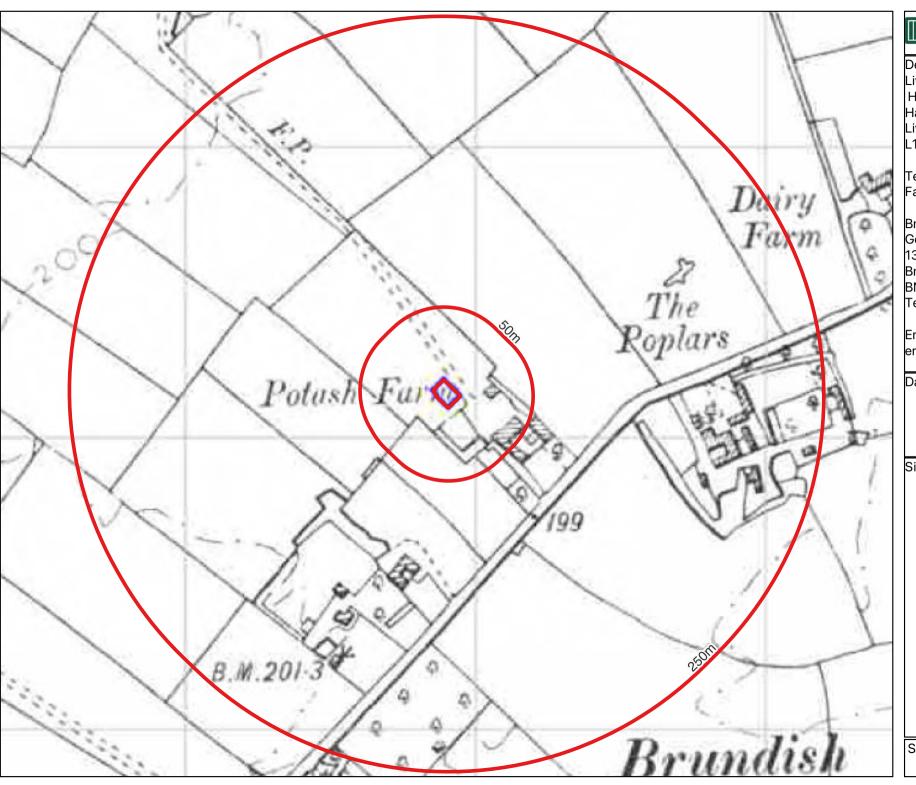
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BN3 7BD
Tel: 01273 741 727

Email: enquiries@demeterenvironmental.co.uk

Date of Map: 1903

Site Name: Potash Farm





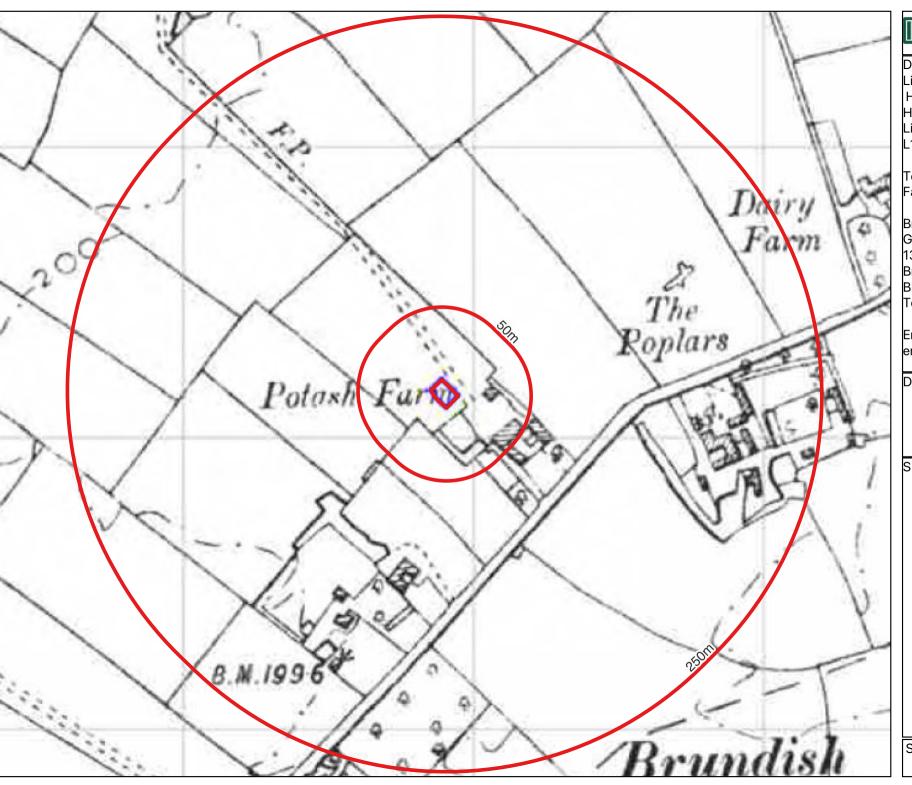
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Email: enquiries@demeterenvironmental.co.uk

Date of Map: 1903

Site Name: Potash Farm





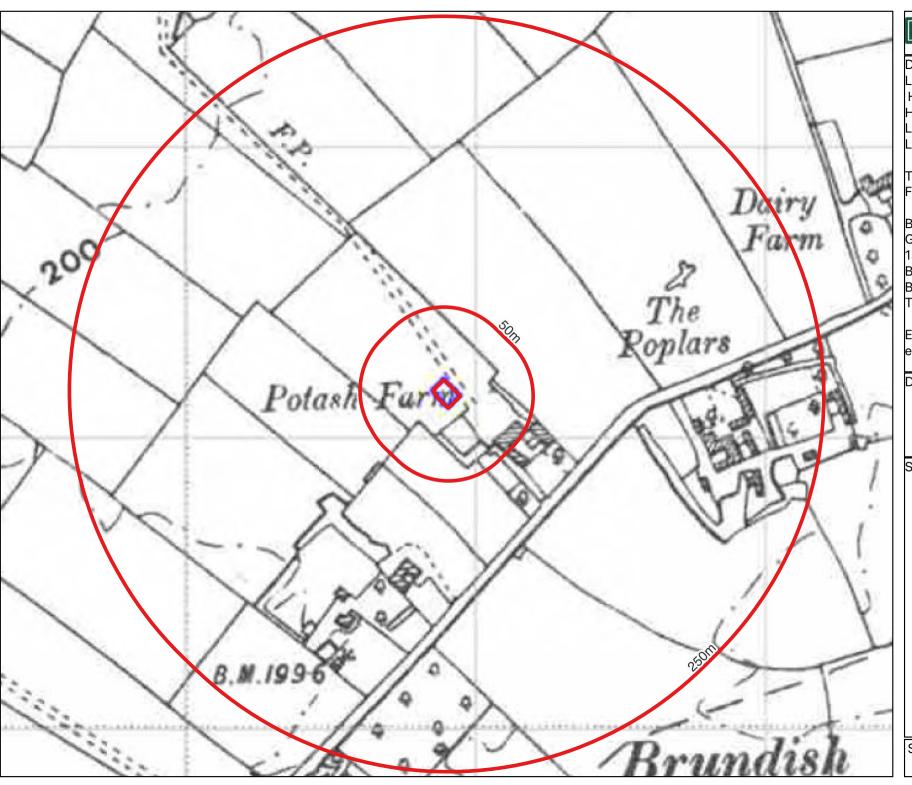
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Email: enquiries@demeterenvironmental.co.uk

Date of Map: 1905

Site Name: Potash Farm





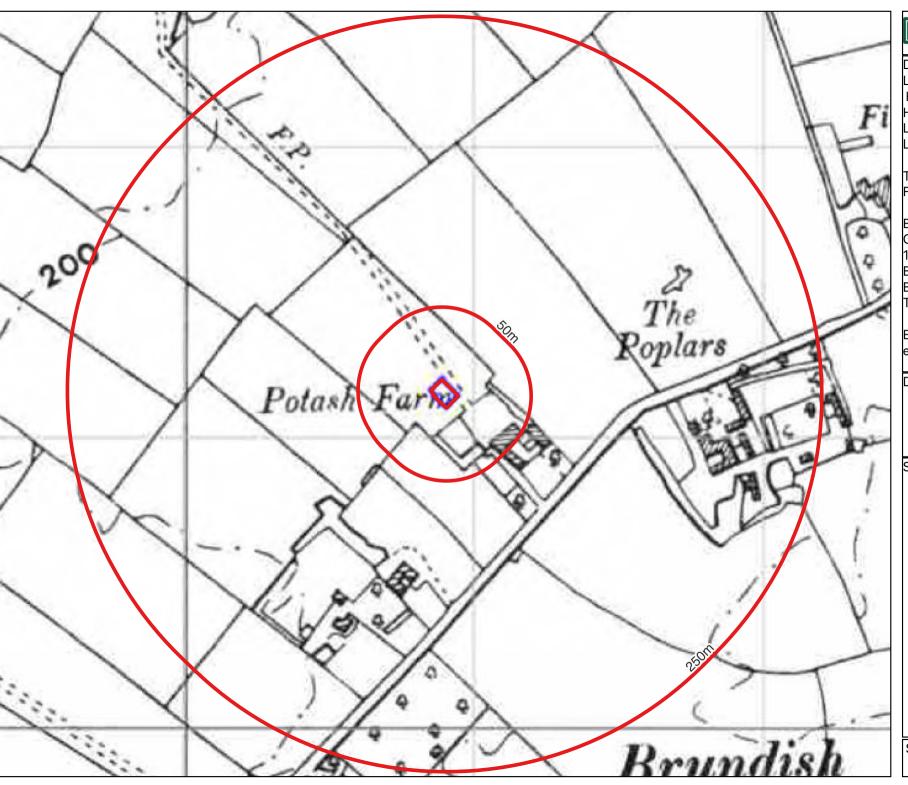
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BN3 7BD
Tel: 01273 741 727

Email: enquiries@demeterenvironmental.co.uk

Date of Map: 1947-1949

Site Name: Potash Farm





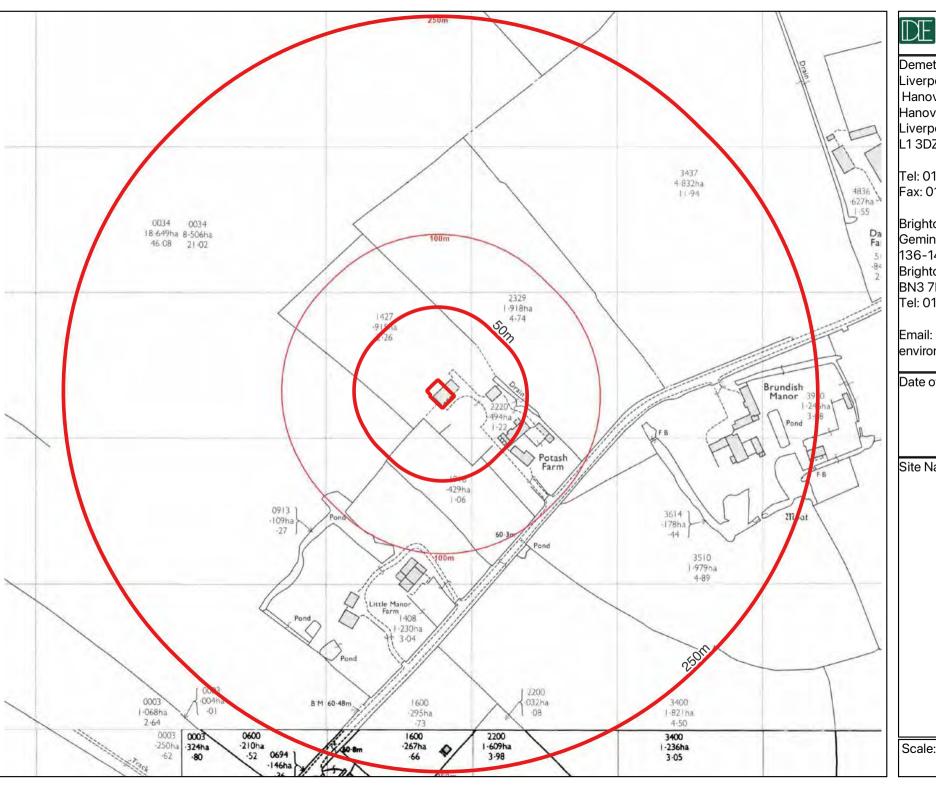
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Brighton Office:
Gemini House
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BN3 7BD
Tel: 01273 741 727

Email: enquiries@demeterenvironmental.co.uk

Date of Map: 1952

Site Name: Potash Farm





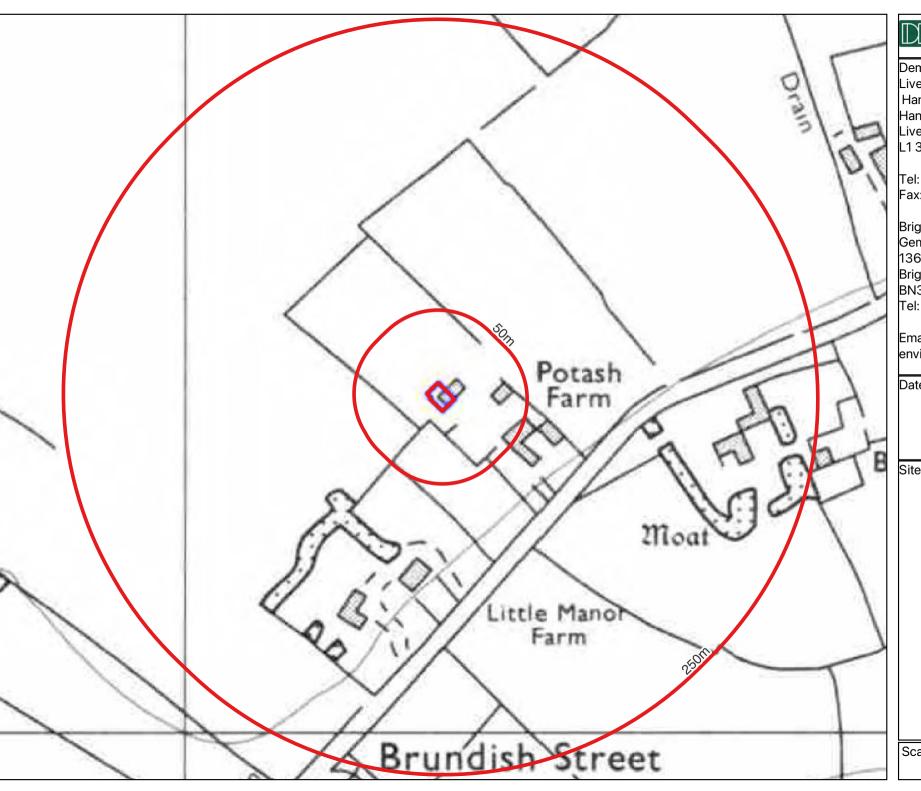
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Tel: 01273 741 727

Email: enquiries@demeterenvironmental.co.uk

Date of Map: 1979-1980

Site Name: Potash Farm





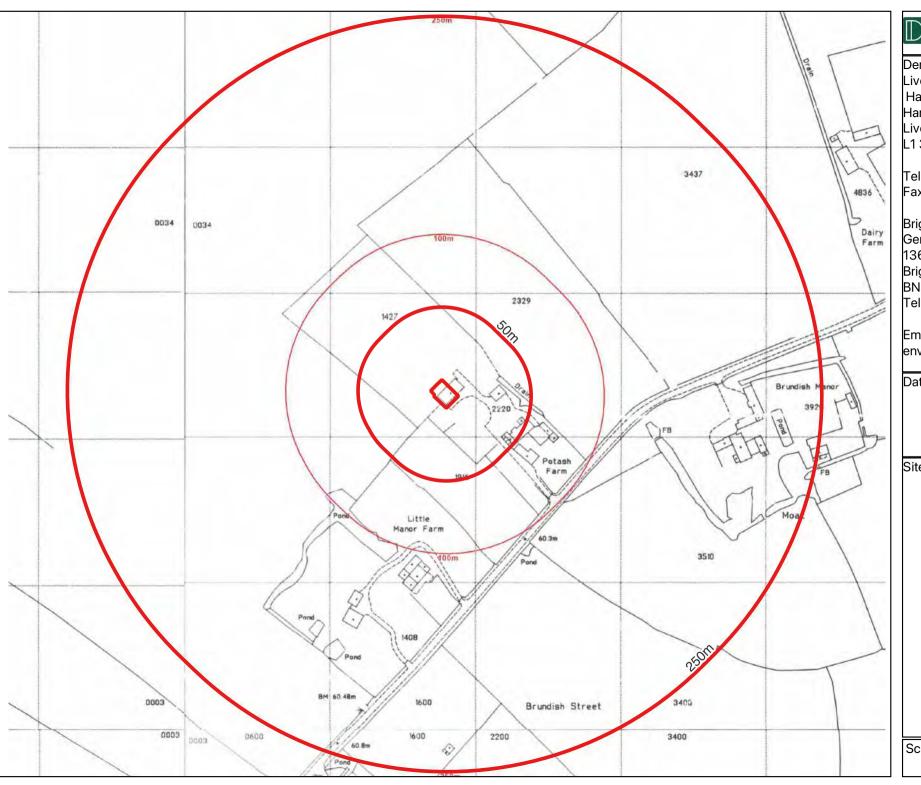
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Brighton Office:
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Brighton,East Sussex
BN3 7BD
Tel: 01273 741 727

Email: enquiries@demeterenvironmental.co.uk

Date of Map: 1983

Site Name: Potash Farm





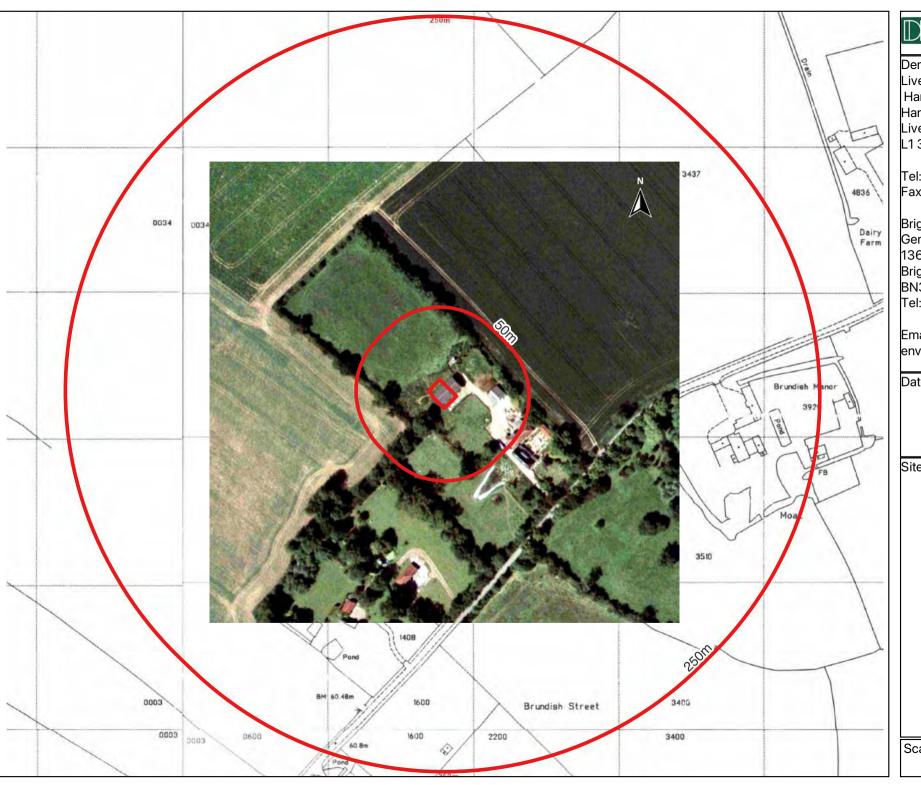
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Brighton Office:
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Brighton,East Sussex
BN3 7BD
Tel: 01273 741 727

Email: enquiries@demeterenvironmental.co.uk

Date of Map: 1994

Site Name: Potash Farm





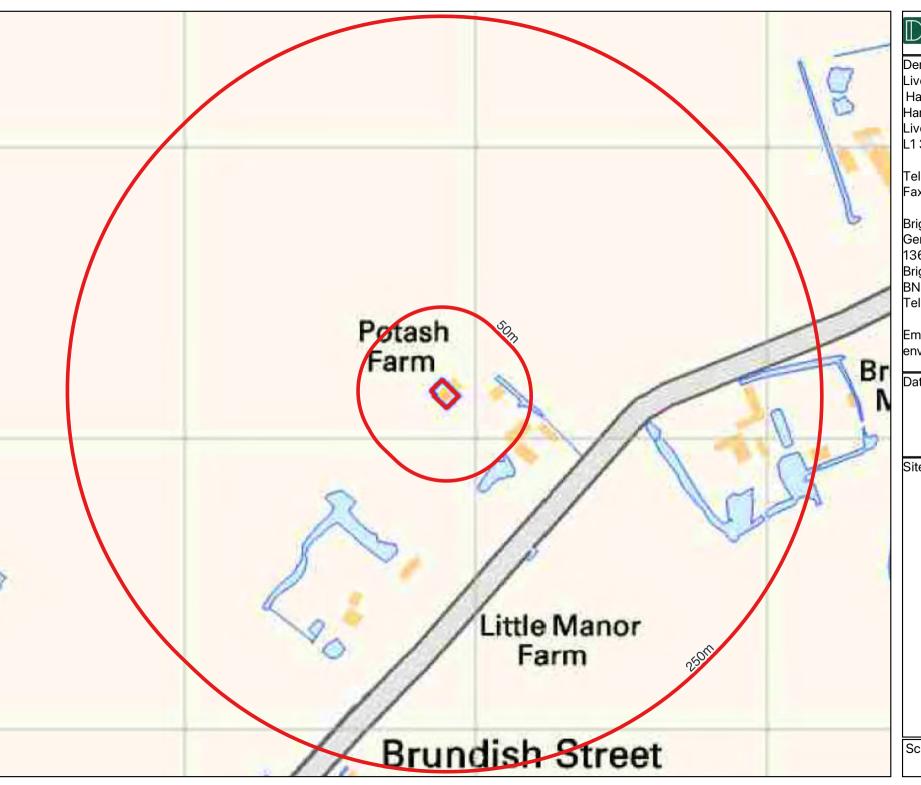
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Tel: 01273 741 727

Email: enquiries@demeterenvironmental.co.uk

Date of Map: 1999

Site Name: Potash Farm





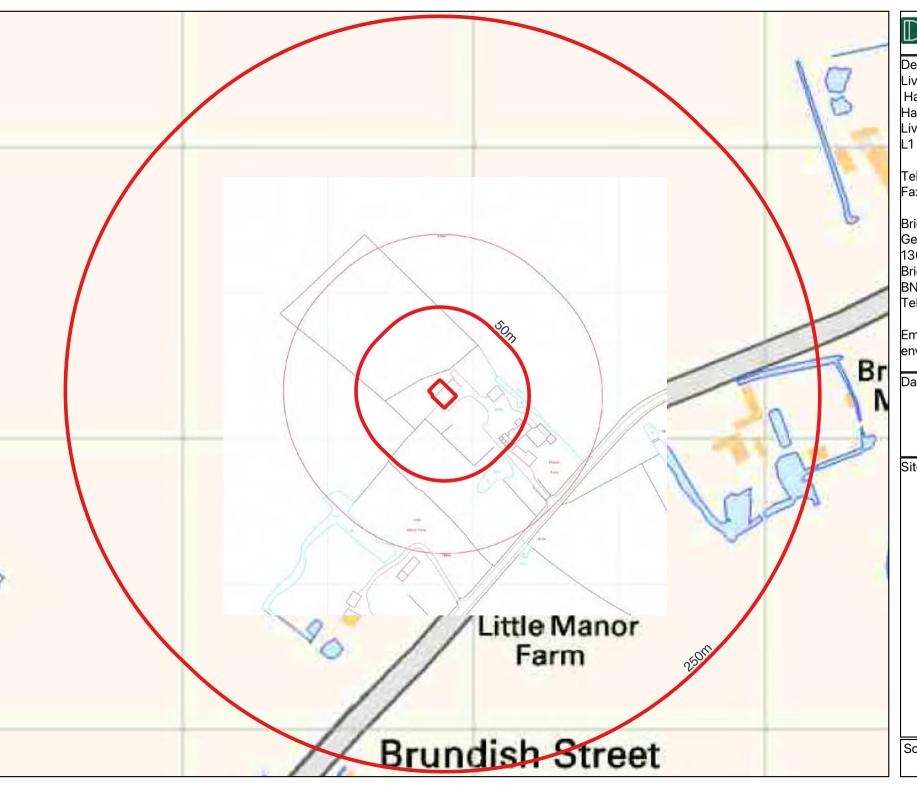
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Brighton Office:
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Brighton,East Sussex
BN3 7BD
Tel: 01273 741 727

Email: enquiries@demeterenvironmental.co.uk

Date of Map: 2001

Site Name: Potash Farm





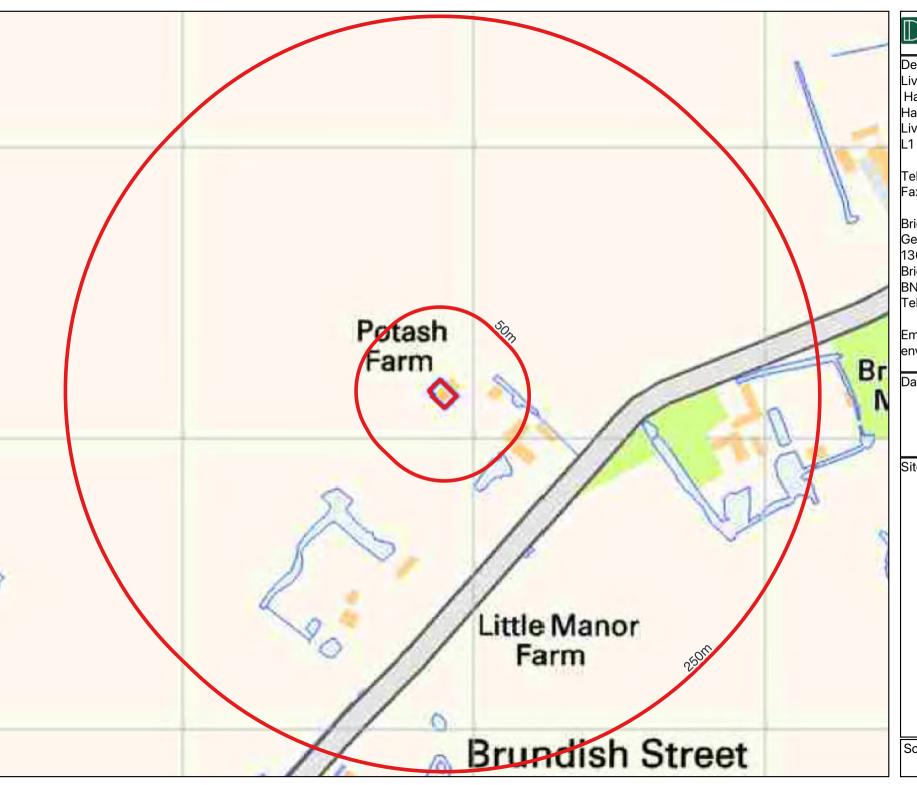
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Brighton Office:
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Brighton,East Sussex
BN3 7BD
Tel: 01273 741 727

Email: enquiries@demeterenvironmental.co.uk

Date of Map: 2003

Site Name: Potash Farm





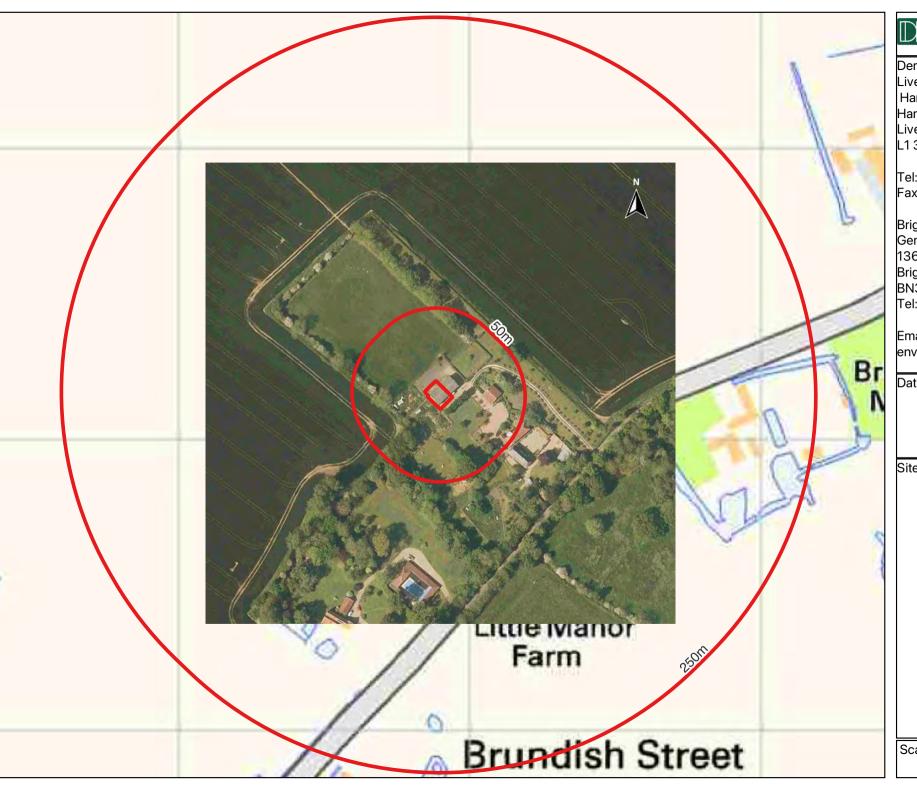
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Brighton Office:
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Brighton,East Sussex
BN3 7BD
Tel: 01273 741 727

Email: enquiries@demeterenvironmental.co.uk

Date of Map: 2010

Site Name: Potash Farm





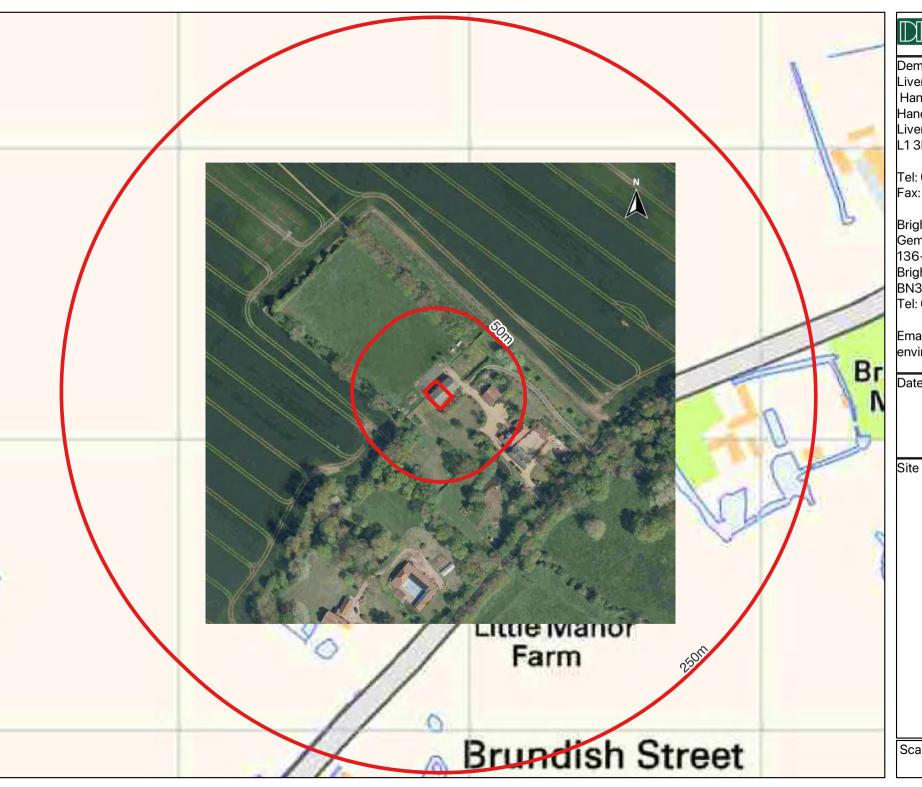
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Brighton Office:
Gemini House
136-140 Old Shoreham Road
Brighton,East Sussex
BN3 7BD
Tel: 01273 741 727

Email: enquiries@demeterenvironmental.co.uk

Date of Map: 2014

Site Name: Potash Farm





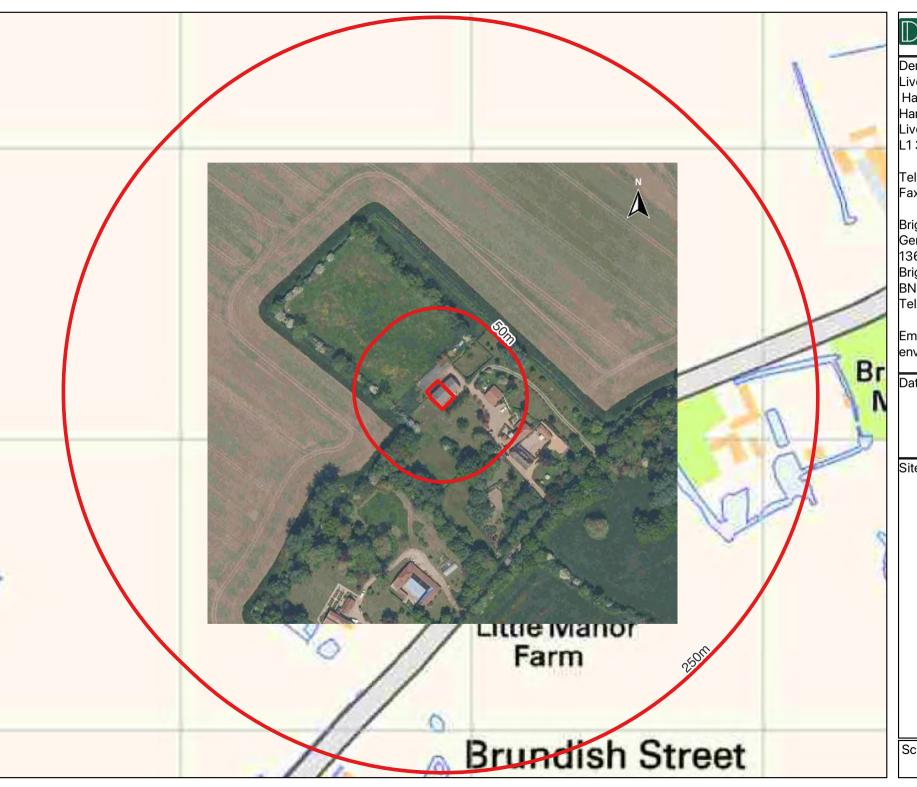
Tel: 0151 521 2539 Fax: 0151 909 3661

Brighton Office:
Gemini House
136-140 Old Shoreham Road
Brighton,East Sussex
BN3 7BD
Tel: 01273 741 727

Email: enquiries@demeterenvironmental.co.uk

Date of Map: 2018

Site Name: Potash Farm





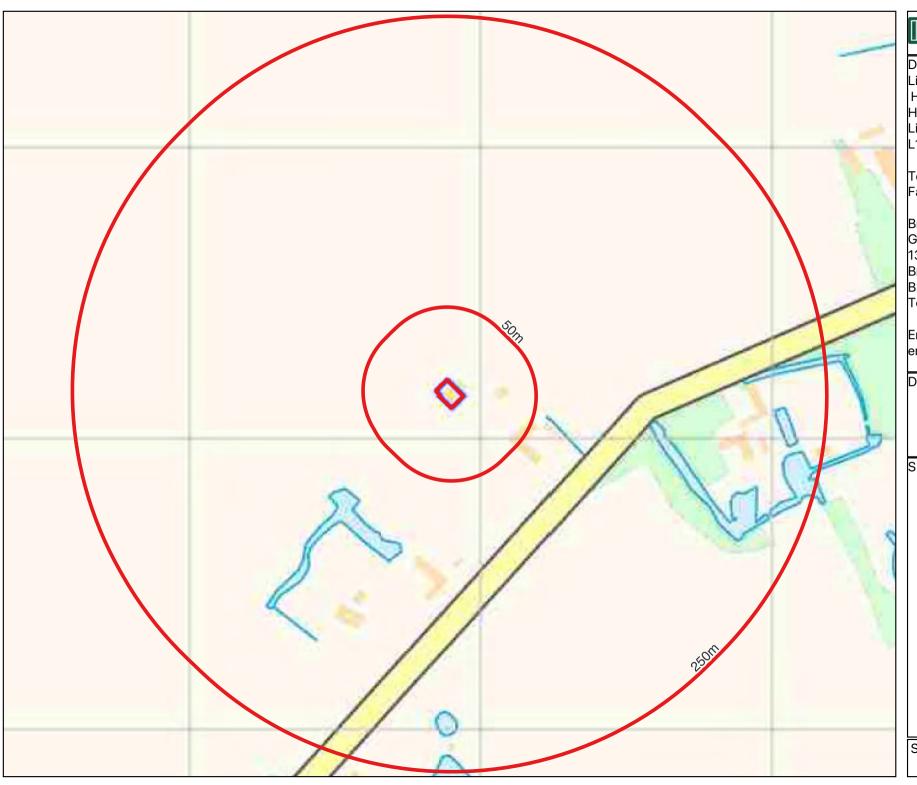
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Brighton,East Sussex
BN3 7BD
Tel: 01273 741 727

Email: enquiries@demeterenvironmental.co.uk

Date of Map: 2021

Site Name: Potash Farm





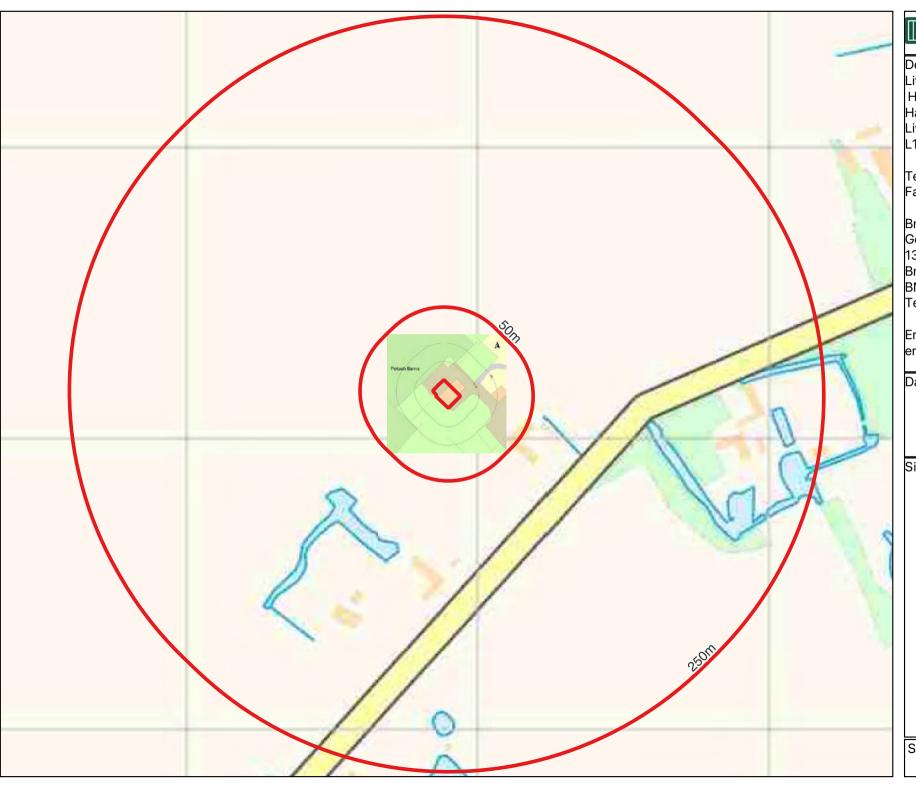
Tel: 0151 521 2539 Fax: 0151 909 3661

Brighton Office:
Gemini House
136-140 Old Shoreham Road
Brighton,East Sussex
BN3 7BD
Tel: 01273 741 727

Email: enquiries@demeterenvironmental.co.uk

Date of Map: 2022

Site Name: Potash Farm





Tel: 0151 521 2539 Fax: 0151 909 3661

Brighton Office:
Gemini House
136-140 Old Shoreham Road
Brighton,East Sussex
BN3 7BD
Tel: 01273 741 727

Email: enquiries@demeterenvironmental.co.uk

Date of Map: 2022

Site Name: Potash Farm



22-09-02 - October 2022

**APPENDIX G: GROUNDSURE REPORTS** 





Potash Farm, The Street, Brundish, WOODBRIDGE, IP13 8BL

# **Order Details**

**Date:** 22/09/2022

**Your ref:** EMS-DE\_812247\_1005220

Our Ref: EMS-DE-812247\_1044994

# **Site Details**

**Location:** 626178 271230

**Area:** 0.02 ha

**Authority:** Mid Suffolk District Council



**Summary of findings** 

p. 2 Aerial image

p. 8

OS MasterMap site plan

p.12 groundsure.com/insightuserguide



**Grid ref**: 626178 271230

# **Summary of findings**

Page	Section	Past land use	On site	0-50m	50-250m	250-500m	500-2000m
13	1.1	Historical industrial land uses	0	0	0	0	-
13	1.2	Historical tanks	0	0	0	0	-
13	1.3	Historical energy features	0	0	0	0	-
14	1.4	Historical petrol stations	0	0	0	0	-
14	1.5	Historical garages	0	0	0	0	-
14	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped	On site	0-50m	50-250m	250-500m	500-2000m
15	2.1	Historical industrial land uses	0	0	0	0	-
15	2.2	Historical tanks	0	0	0	0	-
15	2.3	Historical energy features	0	0	0	0	-
15	2.4	Historical petrol stations	0	0	0	0	-
16	2.5	Historical garages	0	0	0	0	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
. 0.00							
17	3.1	Active or recent landfill	0	0	0	0	-
		Active or recent landfill Historical landfill (BGS records)	0	0	0	0	- -
17	3.1						-
17 17	3.1	Historical landfill (BGS records)	0	0	0	0	- - -
17 17 17	3.1 3.2 3.3	Historical landfill (BGS records) Historical landfill (LA/mapping records)	0	0	0	0	- - - -
17 17 17 17	3.1 3.2 3.3 3.4	Historical landfill (BGS records)  Historical landfill (LA/mapping records)  Historical landfill (EA/NRW records)	0 0	0 0	0 0	0 0	- - - -
17 17 17 17	3.1 3.2 3.3 3.4 3.5	Historical landfill (BGS records)  Historical landfill (LA/mapping records)  Historical landfill (EA/NRW records)  Historical waste sites	0 0 0	0 0 0	0 0 0	0 0 0	- - - -
17 17 17 17 17 17	3.1 3.2 3.3 3.4 3.5 3.6	Historical landfill (BGS records)  Historical landfill (LA/mapping records)  Historical landfill (EA/NRW records)  Historical waste sites  Licensed waste sites	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	- - - - - - 500-2000m
17 17 17 17 17 17 18	3.1 3.2 3.3 3.4 3.5 3.6 3.7	Historical landfill (BGS records) Historical landfill (LA/mapping records) Historical landfill (EA/NRW records) Historical waste sites Licensed waste sites Waste exemptions	0 0 0 0 0	0 0 0 0	0 0 0 0 0	0 0 0 0	- - - - - 500-2000m
17 17 17 17 17 18 18 Page	3.1 3.2 3.3 3.4 3.5 3.6 3.7 Section	Historical landfill (BGS records)  Historical landfill (LA/mapping records)  Historical landfill (EA/NRW records)  Historical waste sites  Licensed waste sites  Waste exemptions  Current industrial land use	0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0 50-250m	0 0 0 0	- - - - - 500-2000m
17 17 17 17 17 18 18 18 Page	3.1 3.2 3.3 3.4 3.5 3.6 3.7 Section 4.1	Historical landfill (BGS records) Historical landfill (LA/mapping records) Historical landfill (EA/NRW records) Historical waste sites Licensed waste sites Waste exemptions Current industrial land use Recent industrial land uses	0 0 0 0 0 On site	0 0 0 0 0 0 0-50m	0 0 0 0 0 50-250m	0 0 0 0 0 0 250-500m	- - - - - 500-2000m
17 17 17 17 17 18 18 18 Page	3.1 3.2 3.3 3.4 3.5 3.6 3.7 Section 4.1 4.2	Historical landfill (BGS records)  Historical landfill (LA/mapping records)  Historical landfill (EA/NRW records)  Historical waste sites  Licensed waste sites  Waste exemptions  Current industrial land use  Recent industrial land uses  Current or recent petrol stations	0 0 0 0 0 On site	0 0 0 0 0 0-50m	0 0 0 0 0 50-250m	0 0 0 0 0 250-500m	- - - - - 500-2000m





**Grid ref**: 626178 271230

<u>34</u>	<u>6.1</u>	Water Network (OS MasterMap)	0	0	9	-	-
Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
33	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
33	5.9	Source Protection Zones	0	0	0	0	-
33	5.8	Potable abstractions	0	0	0	0	0
<u>30</u>	<u>5.7</u>	Surface water abstractions	0	0	0	0	12
<u>29</u>	<u>5.6</u>	Groundwater abstractions	0	0	0	0	2
28	5.5	Groundwater vulnerability- local information	None (with	in 0m)			
28	5.4	Groundwater vulnerability- soluble rock risk	None (with	in 0m)			
<u>27</u>	<u>5.3</u>	Groundwater vulnerability	Identified (	within 50m)			
<u>26</u>	<u>5.2</u>	Bedrock aquifer	Identified (	within 500m	)		
25	<u>5.1</u>	Superficial aquifer	Identified (	within 500m	)		
Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
24	4.21	Pollution inventory radioactive waste	0	0	0	0	-
24	4.20	Pollution inventory waste transfers	0	0	0	0	-
23	4.19	Pollution inventory substances	0	0	0	0	-
23	4.18	Pollution Incidents (EA/NRW)	0	0	0	0	-
23	4.17	List 2 Dangerous Substances	0	0	0	0	-
23	4.16	List 1 Dangerous Substances	0	0	0	0	_
23	4.15	Pollutant release to public sewer	0	0	0	0	_
22	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	_
<u>22</u>	4.13	Licensed Discharges to controlled waters	0	0	2	0	_
21	4.11 4.12	Licensed pollutant release (Part A(2)/B)  Radioactive Substance Authorisations	0	0	0	0	-
21	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
21	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
21	4.8	Hazardous substance storage/usage	0	0	0	0	-
21	4.7	Regulated explosive sites	0	0	0	0	-
20	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-



Date: 22 September 2022



**Grid ref**: 626178 271230

<u>35</u>	<u>6.2</u>	Surface water features	0	0	9	-	-
<u>36</u>	<u>6.3</u>	WFD Surface water body catchments	1	-	-	-	-
<u>36</u>	<u>6.4</u>	WFD Surface water bodies	0	0	0	-	-
<u>36</u>	<u>6.5</u>	WFD Groundwater bodies	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
38	7.1	Risk of flooding from rivers and the sea	None (with	in 50m)			
38	7.2	Historical Flood Events	0	0	0	-	-
38	7.3	Flood Defences	0	0	0	-	-
39	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
39	7.5	Flood Storage Areas	0	0	0	-	-
40	7.6	Flood Zone 2	None (with	in 50m)			
40	7.7	Flood Zone 3	None (with	in 50m)			
Page	Section	Surface water flooding					
<u>41</u>	<u>8.1</u>	Surface water flooding	1 in 30 year, 0.1m - 0.3m (within 50m)				
Page	Section	Groundwater flooding					
<u>43</u>	<u>9.1</u>	Groundwater flooding	Low (withir	n 50m)			
Page	Section	Environmental designations	On site	0-50m	50-250m	250 500	
44	10.1					250-500m	500-2000m
	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	500-2000m 0
44	10.1	Sites of Special Scientific Interest (SSSI)  Conserved wetland sites (Ramsar sites)	0	0	0		
44						0	0
	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
44	10.2	Conserved wetland sites (Ramsar sites)  Special Areas of Conservation (SAC)	0	0	0	0 0	0 0
44 44	10.2 10.3 10.4	Conserved wetland sites (Ramsar sites)  Special Areas of Conservation (SAC)  Special Protection Areas (SPA)	0 0	0 0	0 0	0 0 0	0 0 0
44 44 45	10.2 10.3 10.4 10.5	Conserved wetland sites (Ramsar sites)  Special Areas of Conservation (SAC)  Special Protection Areas (SPA)  National Nature Reserves (NNR)	0 0 0	0 0 0	0 0 0	0 0 0 0	0 0 0 0 0
44 44 45 45	10.2 10.3 10.4 10.5 10.6	Conserved wetland sites (Ramsar sites)  Special Areas of Conservation (SAC)  Special Protection Areas (SPA)  National Nature Reserves (NNR)  Local Nature Reserves (LNR)	0 0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0 0	0 0 0 0 0
44 44 45 45 45	10.2 10.3 10.4 10.5 10.6	Conserved wetland sites (Ramsar sites)  Special Areas of Conservation (SAC)  Special Protection Areas (SPA)  National Nature Reserves (NNR)  Local Nature Reserves (LNR)  Designated Ancient Woodland	0 0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0 0	0 0 0 0 0
44 44 45 45 45 45	10.2 10.3 10.4 10.5 10.6 10.7	Conserved wetland sites (Ramsar sites)  Special Areas of Conservation (SAC)  Special Protection Areas (SPA)  National Nature Reserves (NNR)  Local Nature Reserves (LNR)  Designated Ancient Woodland  Biosphere Reserves	0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0
44 44 45 45 45 45 46	10.2 10.3 10.4 10.5 10.6 10.7 10.8 10.9	Conserved wetland sites (Ramsar sites)  Special Areas of Conservation (SAC)  Special Protection Areas (SPA)  National Nature Reserves (NNR)  Local Nature Reserves (LNR)  Designated Ancient Woodland  Biosphere Reserves  Forest Parks		0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0





**Grid ref**: 626178 271230

46	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
47	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
47	10.15	Nitrate Sensitive Areas	0	0	0	0	0
<u>47</u>	<u>10.16</u>	Nitrate Vulnerable Zones	1	0	2	1	1
<u>48</u>	<u>10.17</u>	SSSI Impact Risk Zones	1	-	-	-	-
49	10.18	SSSI Units	0	0	0	0	0
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
50	11.1	World Heritage Sites	0	0	0	-	-
51	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
51	11.3	National Parks	0	0	0	-	-
<u>51</u>	<u>11.4</u>	Listed Buildings	0	0	2	-	-
52	11.5	Conservation Areas	0	0	0	-	-
52	11.6	Scheduled Ancient Monuments	0	0	0	-	-
	44 7	Registered Parks and Gardens	0	0	0	-	-
52	11.7	negistered ranks and cardens					
52 Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
			On site	0-50m ithin 250m)	50-250m	250-500m	500-2000m
Page	Section	Agricultural designations	On site		50-250m	250-500m	500-2000m
Page <u>53</u>	Section 12.1	Agricultural designations  Agricultural Land Classification	On site  Grade 3 (w	ithin 250m)		250-500m - -	500-2000m - -
Page 53	Section  12.1  12.2	Agricultural designations  Agricultural Land Classification  Open Access Land	On site  Grade 3 (w	ithin <b>250m)</b>	0	250-500m - -	500-2000m - -
Page 53 54 54	Section  12.1  12.2  12.3	Agricultural designations  Agricultural Land Classification  Open Access Land  Tree Felling Licences	On site  Grade 3 (w  0	ithin <b>250m)</b> 0 0	0	250-500m - - -	500-2000m
Page 53 54 54 54	Section  12.1  12.2  12.3  12.4	Agricultural designations  Agricultural Land Classification  Open Access Land  Tree Felling Licences  Environmental Stewardship Schemes	On site  Grade 3 (w  0  0	0 0 0	0 0 0	250-500m 250-500m	500-2000m 500-2000m
Page  53  54  54  54  54	Section  12.1  12.2  12.3  12.4  12.5	Agricultural designations  Agricultural Land Classification  Open Access Land  Tree Felling Licences  Environmental Stewardship Schemes  Countryside Stewardship Schemes	On site  Grade 3 (w  0  0  0	0 0 0 0	0 0 0 0	- - -	- - -
Page  53  54  54  54  Page	Section  12.1  12.2  12.3  12.4  12.5  Section	Agricultural designations  Agricultural Land Classification  Open Access Land  Tree Felling Licences  Environmental Stewardship Schemes  Countryside Stewardship Schemes  Habitat designations	On site  Grade 3 (w  0  0  0  On site	ithin 250m)  0  0  1  0-50m	0 0 0 1 50-250m	- - -	- - -
Page  53  54  54  54  54  Page	Section  12.1  12.2  12.3  12.4  12.5  Section  13.1	Agricultural designations  Agricultural Land Classification  Open Access Land  Tree Felling Licences  Environmental Stewardship Schemes  Countryside Stewardship Schemes  Habitat designations  Priority Habitat Inventory	On site  Grade 3 (w  0  0  0  On site	ithin 250m)  0  0  1  0-50m	0 0 0 1 50-250m	- - -	- - -
Page  53  54  54  54  54  55  Page  55  56	Section  12.1  12.2  12.3  12.4  12.5  Section  13.1  13.2	Agricultural designations  Agricultural Land Classification  Open Access Land  Tree Felling Licences  Environmental Stewardship Schemes  Countryside Stewardship Schemes  Habitat designations  Priority Habitat Inventory  Habitat Networks	On site  Grade 3 (w  0  0  0  On site  0  0  On site	ithin 250m)  0  0  1  0-50m  0	0 0 0 1 50-250m 4	- - -	- - -
Page  53  54  54  54  54  56  56	Section  12.1  12.2  12.3  12.4  12.5  Section  13.1  13.2  13.3	Agricultural designations  Agricultural Land Classification  Open Access Land  Tree Felling Licences  Environmental Stewardship Schemes  Countryside Stewardship Schemes  Habitat designations  Priority Habitat Inventory  Habitat Networks  Open Mosaic Habitat	On site  Grade 3 (w  0  0  0  On site  0  0  0  0  0	0 0 0 1 0-50m 0	0 0 0 1 50-250m 4 0	- - -	- - -
Page  53  54  54  54  54  Page  55  56  56  56	Section  12.1  12.2  12.3  12.4  12.5  Section  13.1  13.2  13.3  13.4	Agricultural designations  Agricultural Land Classification  Open Access Land  Tree Felling Licences  Environmental Stewardship Schemes  Countryside Stewardship Schemes  Habitat designations  Priority Habitat Inventory  Habitat Networks  Open Mosaic Habitat  Limestone Pavement Orders	On site  Grade 3 (w  0  0  0  On site  0  On site	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 50-250m 4 0 0	- - - 250-500m - - -	- - - 500-2000m - -
Page  53  54  54  54  54  Page  55  56  56  Page	Section  12.1  12.2  12.3  12.4  12.5  Section  13.1  13.2  13.3  13.4  Section	Agricultural designations  Agricultural Land Classification  Open Access Land Tree Felling Licences Environmental Stewardship Schemes  Countryside Stewardship Schemes  Habitat designations  Priority Habitat Inventory  Habitat Networks  Open Mosaic Habitat  Limestone Pavement Orders  Geology 1:10,000 scale	On site  Grade 3 (w  0  0  0  On site  0  On site	ithin 250m)  0  0  1  0-50m  0  0  0  0	0 0 0 1 50-250m 4 0 0	- - - 250-500m - - -	- - - 500-2000m - -



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**Grid ref**: 626178 271230

59	14.4	Landslip (10k)	0	0	0	0	_
60	14.5	Bedrock geology (10k)	0	0	0	0	_
60	14.6	Bedrock faults and other linear features (10k)	0	0	0	0	_
Page	Section	Geology 1:50,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
61	<u>15.1</u>	50k Availability	Identified (	within 500m	)		
62	15.2	Artificial and made ground (50k)	0	0	0	0	-
62	15.3	Artificial ground permeability (50k)	0	0	-	-	-
<u>63</u>	<u>15.4</u>	Superficial geology (50k)	1	0	0	1	-
64	<u>15.5</u>	Superficial permeability (50k)	Identified (	within 50m)			
64	15.6	Landslip (50k)	0	0	0	0	-
64	15.7	Landslip permeability (50k)	None (with	in 50m)			
<u>65</u>	<u>15.8</u>	Bedrock geology (50k)	1	0	0	0	-
<u>66</u>	<u>15.9</u>	Bedrock permeability (50k)	Identified (	within 50m)			
66	15.10	Bedrock faults and other linear features (50k)	0	0	0	0	-
Page	Section	Boreholes	On site	0-50m	50-250m	250-500m	500-2000m
67	<u>16.1</u>	BGS Boreholes	0	0	1	-	-
Page	Section	Natural ground subsidence					
Page <u>68</u>	Section <u>17.1</u>	Natural ground subsidence  Shrink swell clays	Low (within	n 50m)			
				n 50m) vithin 50m)			
<u>68</u>	<u>17.1</u>	Shrink swell clays	Very low (v				
<u>68</u> <u>69</u>	17.1 17.2	Shrink swell clays Running sands	Very low (v	vithin 50m)			
68 69 70	17.1 17.2 17.3	Shrink swell clays Running sands Compressible deposits	Very low (v Negligible ( Very low (v	vithin 50m) (within 50m)			
68 69 70 71	17.1 17.2 17.3 17.4	Shrink swell clays  Running sands  Compressible deposits  Collapsible deposits	Very low (v Negligible ( Very low (v Very low (v	vithin 50m) (within 50m) vithin 50m)			
68 69 70 71	17.1 17.2 17.3 17.4 17.5	Shrink swell clays Running sands Compressible deposits Collapsible deposits Landslides	Very low (v Negligible ( Very low (v Very low (v	vithin 50m) (within 50m) vithin 50m) vithin 50m)	50-250m	250-500m	500-2000m
68 69 70 71 72 73	17.1 17.2 17.3 17.4 17.5	Shrink swell clays Running sands Compressible deposits Collapsible deposits Landslides Ground dissolution of soluble rocks	Very low (v Negligible ( Very low (v Very low (v Negligible (	vithin 50m) (within 50m) vithin 50m) vithin 50m) (within 50m)	50-250m	<b>250-500m</b>	500-2000m
68 69 70 71 72 73 Page	17.1 17.2 17.3 17.4 17.5 17.6	Shrink swell clays Running sands Compressible deposits Collapsible deposits Landslides Ground dissolution of soluble rocks Mining, ground workings and natural cavities	Very low (v Negligible ( Very low (v Very low (v Negligible (	vithin 50m) (within 50m) vithin 50m) vithin 50m) (within 50m)			500-2000m -
68 69 70 71 72 73 Page	17.1 17.2 17.3 17.4 17.5 17.6 Section	Shrink swell clays Running sands Compressible deposits Collapsible deposits Landslides Ground dissolution of soluble rocks Mining, ground workings and natural cavities Natural cavities	Very low (v Negligible ( Very low (v Very low (v Negligible ( On site	vithin 50m) (within 50m) vithin 50m) vithin 50m) (within 50m) 0-50m	0	0	500-2000m - -
68 69 70 71 72 73 Page 74 75	17.1 17.2 17.3 17.4 17.5 17.6 Section 18.1	Shrink swell clays Running sands Compressible deposits Collapsible deposits Landslides Ground dissolution of soluble rocks Mining, ground workings and natural cavities Natural cavities BritPits	Very low (v Negligible (v Very low (v Very low (v Negligible (v On site	vithin 50m) (within 50m) vithin 50m) (within 50m) (within 50m) 0-50m 0	0	0	500-2000m - - -



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76	18.6	Non-coal mining	0	0	0	0	0
76	18.7	Mining cavities	0	0	0	0	0
76	18.8	JPB mining areas	None (with	in 0m)			
77	18.9	Coal mining	None (with	in 0m)			
77	18.10	Brine areas	None (within 0m)				
77	18.11	Gypsum areas	None (within 0m)				
77	18.12	Tin mining	None (with				
77	18.13	Clay mining	None (with				
Page	Section	Radon					
<u>78</u>	<u>19.1</u>	Radon	Less than 1	% (within 0r	n)		
Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m
<u>79</u>	<u>20.1</u>	BGS Estimated Background Soil Chemistry	1	0	-	-	-
79	20.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
79	20.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects	On site	0-50m	50-250m	250-500m	500-2000m
80	21.1	Underground railways (London)	0	0	0	-	-
80	21.2	Underground railways (Non-London)	0	0	0	-	-
80	21.3	Railway tunnels	0	0	0	-	-
80	21.4	Historical railway and tunnel features	0	0	0	-	-
80	21.5	Royal Mail tunnels	0	0	0	-	-
81	24.6						
	21.6	Historical railways	0	0	0	-	-
81	21.6	Historical railways Railways	0	0	0	-	-
81 81		·				- 0	-
	21.7	Railways	0	0	0	0	-





**Grid ref**: 626178 271230

# **Recent aerial photograph**



Capture Date: 02/06/2021





**Grid ref**: 626178 271230

# Recent site history - 2018 aerial photograph



Capture Date: 04/05/2018





**Grid ref**: 626178 271230

# Recent site history - 2014 aerial photograph



Capture Date: 18/05/2014





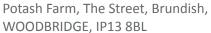
**Grid ref**: 626178 271230

# Recent site history - 1999 aerial photograph



Capture Date: 25/06/1999

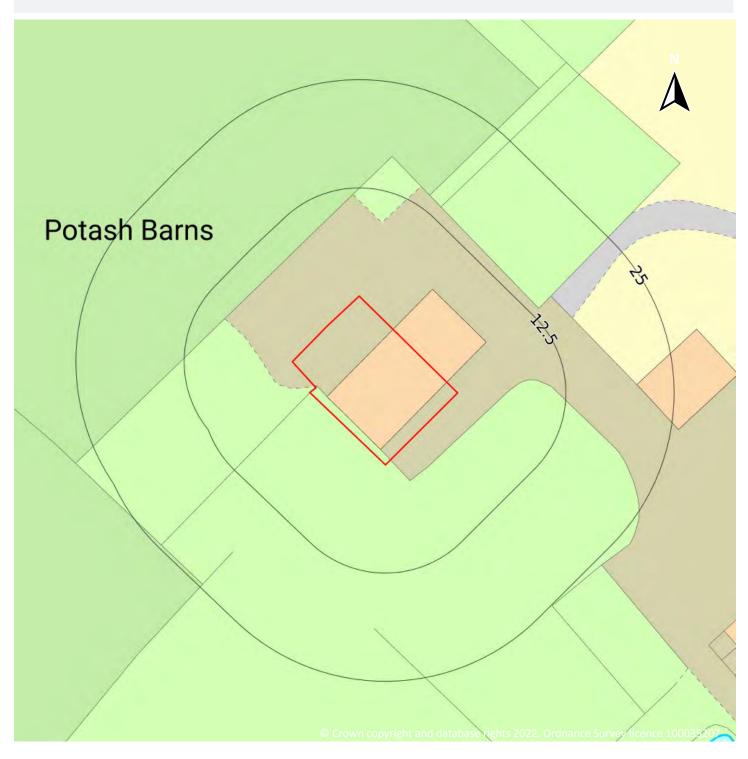




**Grid ref**: 626178 271230

# OS MasterMap site plan

Groundsure







**Grid ref**: 626178 271230

# 1 Past land use

### 1.1 Historical industrial land uses

Records within 500m 0

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 1:10,560 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

### 1.2 Historical tanks

Records within 500m 0

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

# 1.3 Historical energy features

Records within 500m 0

info@groundsure.com 08444 159 000

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.





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# 1.4 Historical petrol stations

Records within 500m

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

# 1.5 Historical garages

Records within 500m 0

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

# 1.6 Historical military land

Records within 500m 0

Areas of military land digitised from multiple sources including the National Archives, local records, MOD records and verified other sources, intelligently grouped into contiguous features.

This data is sourced from Ordnance Survey / Groundsure / other sources.





**Grid ref**: 626178 271230

# 2 Past land use - un-grouped

### 2.1 Historical industrial land uses

Records within 500m 0

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 10,560 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

### 2.2 Historical tanks

Records within 500m 0

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

# 2.3 Historical energy features

Records within 500m 0

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

### 2.4 Historical petrol stations

Records within 500m

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.





**Grid ref**: 626178 271230

# 2.5 Historical garages

Records within 500m 0

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.





Grid ref: 626178 271230

# 3 Waste and landfill

#### 3.1 Active or recent landfill

Records within 500m 0

Active or recently closed landfill sites under Environment Agency/Natural Resources Wales regulation.

This data is sourced from the Environment Agency and Natural Resources Wales.

### 3.2 Historical landfill (BGS records)

Records within 500m 0

Landfill sites identified on a survey carried out on behalf of the DoE in 1973. These sites may have been closed or operational at this time.

This data is sourced from the British Geological Survey.

### 3.3 Historical landfill (LA/mapping records)

Records within 500m 0

Landfill sites identified from Local Authority records and high detail historical mapping.

This data is sourced from the Ordnance Survey/Groundsure and Local Authority records.

### 3.4 Historical landfill (EA/NRW records)

Records within 500m 0

Known historical (closed) landfill sites (e.g. sites where there is no PPC permit or waste management licence currently in force). This includes sites that existed before the waste licensing regime and sites that have been licensed in the past but where a licence has been revoked, ceased to exist or surrendered and a certificate of completion has been issued.

This data is sourced from the Environment Agency and Natural Resources Wales.

#### 3.5 Historical waste sites

Records within 500m 0

Waste site records derived from Local Authority planning records and high detail historical mapping.

This data is sourced from Ordnance Survey/Groundsure and Local Authority records.





Grid ref: 626178 271230

#### 3.6 Licensed waste sites

Records within 500m 0

Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation.

This data is sourced from the Environment Agency and Natural Resources Wales.

### 3.7 Waste exemptions

Records within 500m 0

Activities involving the storage, treatment, use or disposal of waste that are exempt from needing a permit. Exemptions have specific limits and conditions that must be adhered to.

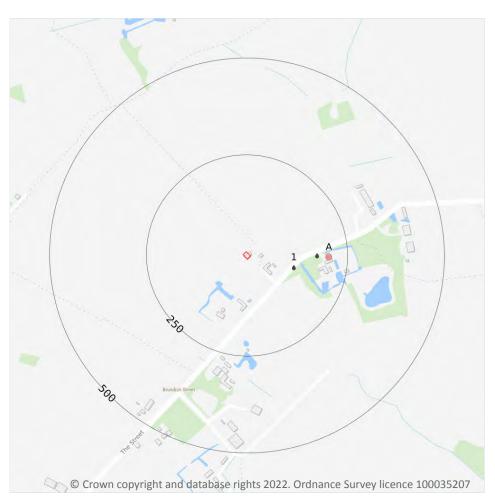
This data is sourced from the Environment Agency and Natural Resources Wales.





Grid ref: 626178 271230

# **4 Current industrial land use**



Site Outline
 Search buffers in metres (m)
 Recent industrial land uses
 Licensed Discharges to controlled waters

### 4.1 Recent industrial land uses

Records within 250m 1

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on page 19

ID	Location	Company	Address	Activity	Category
А	202m E	Brundish Coal	Brundish Manor, The Street, Brundish, Suffolk, IP13 8BL	Fuel Distributors and Suppliers	Household, Office, Leisure and Garden

This data is sourced from Ordnance Survey.





**Grid ref**: 626178 271230

## 4.2 Current or recent petrol stations

Records within 500m 0

Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.

# 4.3 Electricity cables

Records within 500m 0

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

### 4.4 Gas pipelines

Records within 500m 0

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

#### 4.5 Sites determined as Contaminated Land

Records within 500m 0

Contaminated Land Register of sites designated under Part 2a of the Environmental Protection Act 1990.

This data is sourced from Local Authority records.

# 4.6 Control of Major Accident Hazards (COMAH)

Records within 500m 0

Control of Major Accident Hazards (COMAH) sites. This data includes upper and lower tier sites, and includes a historical archive of COMAH sites and Notification of Installations Handling Hazardous Substances (NIHHS) records.

This data is sourced from the Health and Safety Executive.





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### 4.7 Regulated explosive sites

Records within 500m 0

Sites registered and licensed by the Health and Safety Executive under the Manufacture and Storage of Explosives Regulations 2005 (MSER). The last update to this data was in April 2011.

This data is sourced from the Health and Safety Executive.

## 4.8 Hazardous substance storage/usage

Records within 500m

Consents granted for a site to hold certain quantities of hazardous substances at or above defined limits in accordance with the Planning (Hazardous Substances) Regulations 2015.

This data is sourced from Local Authority records.

## 4.9 Historical licensed industrial activities (IPC)

Records within 500m 0

Integrated Pollution Control (IPC) records of substance releases to air, land and water. This data represents a historical archive as the IPC regime has been superseded.

This data is sourced from the Environment Agency and Natural Resources Wales.

### 4.10 Licensed industrial activities (Part A(1))

Records within 500m 0

Records of Part A(1) installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

This data is sourced from the Environment Agency and Natural Resources Wales.

## 4.11 Licensed pollutant release (Part A(2)/B)

Records within 500m 0

Records of Part A(2) and Part B installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

This data is sourced from Local Authority records.





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#### 4.12 Radioactive Substance Authorisations

Records within 500m 0

Records of the storage, use, accumulation and disposal of radioactive substances regulated under the Radioactive Substances Act 1993.

This data is sourced from the Environment Agency and Natural Resources Wales.

### 4.13 Licensed Discharges to controlled waters

Records within 500m

Discharges of treated or untreated effluent to controlled waters under the Water Resources Act 1991.

Features are displayed on the Current industrial land use map on page 19

ID	Location	Address	Details	
1	115m E	BRUNDISH MANOR BARN, BRUNDISH, NR.WOODBRIDGE, SUFFOLK, IP13 8BL	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: PR4NF1706 Permit Version: 1 Receiving Water: Trib River Alde	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 06/06/1988 Effective Date: 06/06/1988 Revocation Date: 31/10/1996
А	171m E	BRUNDISH MANOR, BRUNDISH, WOODBRIDGE, SUFFOLK, IP13 8BL	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: PRENF01749 Permit Version: 1 Receiving Water: Trib River Blyth	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 12/07/1990 Effective Date: 12/07/1990 Revocation Date: 15/01/1992

This data is sourced from the Environment Agency and Natural Resources Wales.

# 4.14 Pollutant release to surface waters (Red List)

Records within 500m 0

Discharges of specified substances under the Environmental Protection (Prescribed Processes and Substances) Regulations 1991.

This data is sourced from the Environment Agency and Natural Resources Wales.



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## 4.15 Pollutant release to public sewer

Records within 500m 0

Discharges of Special Category Effluents to the public sewer.

This data is sourced from the Environment Agency and Natural Resources Wales.

### 4.16 List 1 Dangerous Substances

Records within 500m 0

Discharges of substances identified on List I of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

## **4.17 List 2 Dangerous Substances**

Records within 500m 0

Discharges of substances identified on List II of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

### 4.18 Pollution Incidents (EA/NRW)

Records within 500m 0

Records of substantiated pollution incidents. Since 2006 this data has only included category 1 (major) and 2 (significant) pollution incidents.

This data is sourced from the Environment Agency and Natural Resources Wales.

### 4.19 Pollution inventory substances

Records within 500m 0

The pollution inventory (substances) includes reporting on annual emissions of certain regulated substances to air, controlled waters and land. A reporting threshold for each substance is also included. Where emissions fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.





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### 4.20 Pollution inventory waste transfers

Records within 500m 0

The pollution inventory (waste transfers) includes reporting on annual transfers and recovery/disposal of controlled wastes from a site. A reporting threshold for each waste type is also included. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

### **4.21** Pollution inventory radioactive waste

Records within 500m 0

The pollution inventory (radioactive wastes) includes reporting on annual releases of radioactive substances from a site, including the means of release. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

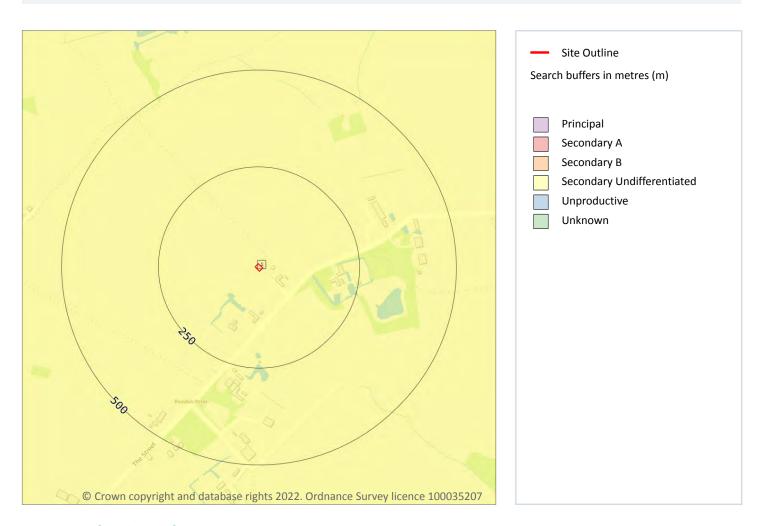
This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.





**Grid ref**: 626178 271230

# 5 Hydrogeology - Superficial aquifer



# **5.1 Superficial aquifer**

Records within 500m 1

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on page 25

ID 1	ID	Location Designation		Description	
	1	On site	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	

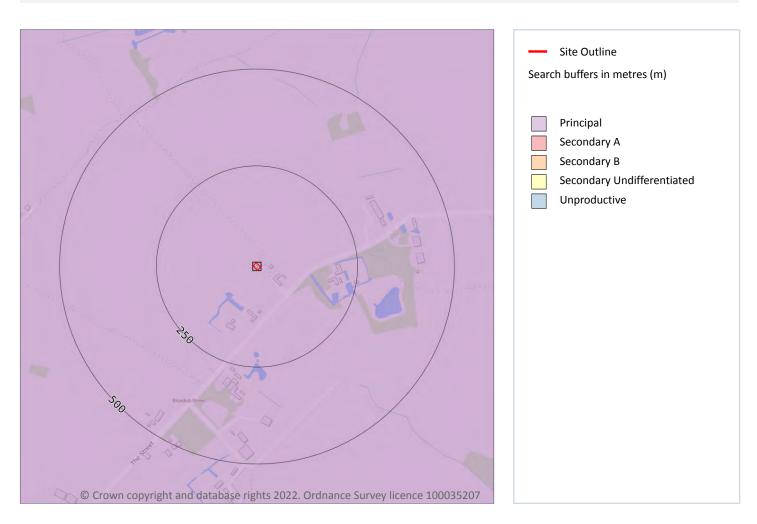
This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.





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# **Bedrock aquifer**



# **5.2** Bedrock aquifer

Records within 500m 1

Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on page 26

ID	Location	Designation	Description
1	On site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers

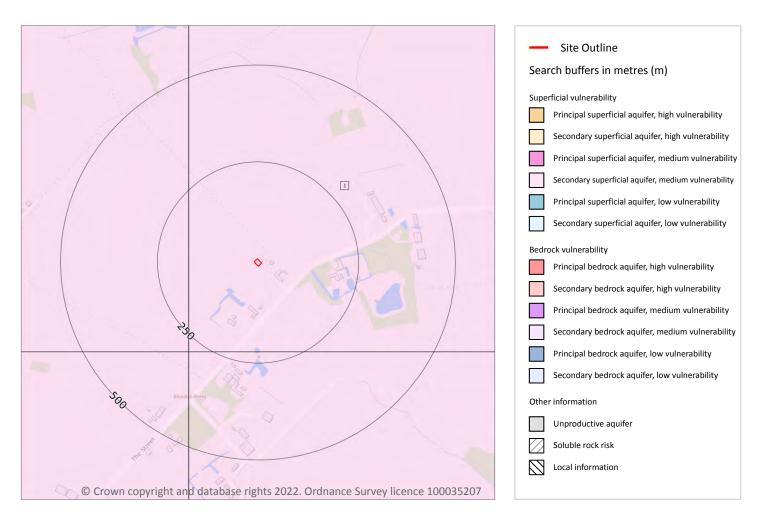
This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.





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# **Groundwater vulnerability**



# 5.3 Groundwater vulnerability

### Records within 50m 1

An assessment of the vulnerability of groundwater to a pollutant discharged at ground level based on the hydrological, geological, hydrogeological and soil properties within a one kilometre square grid. Groundwater vulnerability is described as High, Medium or Low as follows:

- High Areas able to easily transmit pollution to groundwater. They are likely to be characterised by high leaching soils and the absence of low permeability superficial deposits.
- Medium Intermediate between high and low vulnerability.
- Low Areas that provide the greatest protection from pollution. They are likely to be characterised by low leaching soils and/or the presence of superficial deposits characterised by a low permeability.

Features are displayed on the Groundwater vulnerability map on page 27





Grid ref: 626178 271230

1	D	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	L	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Intergranular

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

## 5.4 Groundwater vulnerability- soluble rock risk

Records on site 0

This dataset identifies areas where solution features that enable rapid movement of a pollutant may be present within a 1km grid square.

This data is sourced from the British Geological Survey and the Environment Agency.

### 5.5 Groundwater vulnerability- local information

Records on site 0

This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506 or by email on enquiries@environment-agency.gov.uk.

This data is sourced from the British Geological Survey and the Environment Agency.

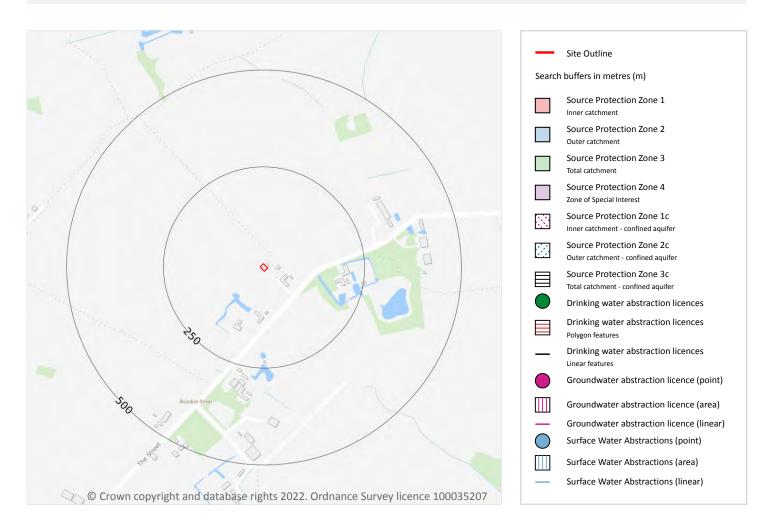


08444 159 000



Grid ref: 626178 271230

# **Abstractions and Source Protection Zones**



### 5.6 Groundwater abstractions

Records within 2000m 2

Licensed groundwater abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, between two points (line data) or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on page 29





**Grid ref**: 626178 271230

ID	Location	Details	
-	803m SE	Status: Historical Licence No: 7/35/04/*G/0074 Details: General Farming & Domestic Direct Source: GROUND WATER SOURCE OF SUPPLY Point: BORE AT VALLEY FM,BRUNDISH Data Type: Point Name: GRINSTED Easting: 626930 Northing: 270920	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 01/02/1967 Expiry Date: - Issue No: 100 Version Start Date: 01/04/1992 Version End Date: -
-	1934m W	Status: Historical Licence No: 7/34/17/*G/0023 Details: General Farming & Domestic Direct Source: GROUND WATER SOURCE OF SUPPLY Point: BORE AT ROKEBY FARM,WILBY Data Type: Point Name: KELLETT Easting: 624310 Northing: 270700	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 01/01/1966 Expiry Date: - Issue No: 101 Version Start Date: 27/09/2001 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

### **5.7 Surface water abstractions**

Records within 2000m 12

Licensed surface water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on page 29

ID	Location	Details	
-	919m E	Status: Historical Licence No: 7/35/04/*S/0074  Details: Spray Irrigation - Anti Frost Storage Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: RIVER ALDE IN BRUNDISH SUFFOLK - PT B Data Type: Point Name: Brundish House Farms Easting: 627048 Northing: 270903	Annual Volume (m³): 30000 Max Daily Volume (m³): 1305 Original Application No: - Original Start Date: 08/02/1967 Expiry Date: - Issue No: 108 Version Start Date: 01/06/2016 Version End Date: -





**Grid ref**: 626178 271230

ID	Location	Details	
-	919m E	Status: Historical Licence No: 7/35/04/*S/0074  Details: Spray Irrigation - Storage Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: RIVER ALDE IN BRUNDISH SUFFOLK - PT B Data Type: Point Name: Brundish House Farms Easting: 627048 Northing: 270903	Annual Volume (m³): 30000 Max Daily Volume (m³): 1305 Original Application No: - Original Start Date: 08/02/1967 Expiry Date: - Issue No: 108 Version Start Date: 01/06/2016 Version End Date: -
-	922m E	Status: Historical Licence No: 7/35/04/*S/0074 Details: Spray Irrigation - Anti Frost Storage Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: RIVER ALDE IN BRUNDISH SUFFOLK Data Type: Point Name: SANDERS Easting: 627050 Northing: 270900	Annual Volume (m³): 30000 Max Daily Volume (m³): 1305 Original Application No: - Original Start Date: 08/02/1967 Expiry Date: - Issue No: 107 Version Start Date: 30/07/2009 Version End Date: -
-	922m E	Status: Historical Licence No: 7/35/04/*S/0074 Details: Spray Irrigation - Storage Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: RIVER ALDE IN BRUNDISH SUFFOLK Data Type: Point Name: SANDERS Easting: 627050 Northing: 270900	Annual Volume (m³): 30000 Max Daily Volume (m³): 1305 Original Application No: - Original Start Date: 08/02/1967 Expiry Date: - Issue No: 107 Version Start Date: 30/07/2009 Version End Date: -
-	922m E	Status: Historical Licence No: 7/35/04/*S/0074 Details: Spray Irrigation - Anti Frost Storage Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: RIVER ALDE IN BRUNDISH SUFFOLK - PT B Data Type: Point Name: SANDERS Easting: 627050 Northing: 270900	Annual Volume (m³): 30000 Max Daily Volume (m³): 1305 Original Application No: - Original Start Date: 08/02/1967 Expiry Date: - Issue No: 107 Version Start Date: 30/07/2009 Version End Date: -
-	922m E	Status: Historical Licence No: 7/35/04/*S/0074 Details: Spray Irrigation - Storage Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: RIVER ALDE IN BRUNDISH SUFFOLK - PT B Data Type: Point Name: SANDERS Easting: 627050 Northing: 270900	Annual Volume (m³): 30000 Max Daily Volume (m³): 1305 Original Application No: - Original Start Date: 08/02/1967 Expiry Date: - Issue No: 107 Version Start Date: 30/07/2009 Version End Date: -





**Grid ref**: 626178 271230

ID	Location	Details	
-	1129m SE	Status: Historical Licence No: 7/35/04/*S/0074 Details: Spray Irrigation - Anti Frost Storage Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: R ALDE S OF VALLEY FM,BRUNDISH- PT A Data Type: Point Name: Brundish House Farms Easting: 627112 Northing: 270579	Annual Volume (m³): 30000 Max Daily Volume (m³): 1305 Original Application No: - Original Start Date: 08/02/1967 Expiry Date: - Issue No: 108 Version Start Date: 01/06/2016 Version End Date: -
-	1129m SE	Status: Historical Licence No: 7/35/04/*S/0074 Details: Spray Irrigation - Storage Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: R ALDE S OF VALLEY FM,BRUNDISH- PT A Data Type: Point Name: Brundish House Farms Easting: 627112 Northing: 270579	Annual Volume (m³): 30000 Max Daily Volume (m³): 1305 Original Application No: - Original Start Date: 08/02/1967 Expiry Date: - Issue No: 108 Version Start Date: 01/06/2016 Version End Date: -
-	1167m SE	Status: Historical Licence No: 7/35/04/*S/0074 Details: Spray Irrigation - Anti Frost Storage Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: R ALDE S OF VALLEY FM,BRUNDISH Data Type: Point Name: SANDERS Easting: 627100 Northing: 270500	Annual Volume (m³): 30000 Max Daily Volume (m³): 1305 Original Application No: - Original Start Date: 08/02/1967 Expiry Date: - Issue No: 107 Version Start Date: 30/07/2009 Version End Date: -
-	1167m SE	Status: Historical Licence No: 7/35/04/*S/0074 Details: Spray Irrigation - Storage Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: R ALDE S OF VALLEY FM,BRUNDISH Data Type: Point Name: SANDERS Easting: 627100 Northing: 270500	Annual Volume (m³): 30000 Max Daily Volume (m³): 1305 Original Application No: - Original Start Date: 08/02/1967 Expiry Date: - Issue No: 107 Version Start Date: 30/07/2009 Version End Date: -
-	1167m SE	Status: Historical Licence No: 7/35/04/*S/0074 Details: Spray Irrigation - Anti Frost Storage Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: R ALDE S OF VALLEY FM,BRUNDISH- PT A Data Type: Point Name: SANDERS Easting: 627100 Northing: 270500	Annual Volume (m³): 30000 Max Daily Volume (m³): 1305 Original Application No: - Original Start Date: 08/02/1967 Expiry Date: - Issue No: 107 Version Start Date: 30/07/2009 Version End Date: -





Grid ref: 626178 271230

ID	Location	Details	
-	1167m SE	Status: Historical Licence No: 7/35/04/*S/0074  Details: Spray Irrigation - Storage Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: R ALDE S OF VALLEY FM,BRUNDISH- PT A Data Type: Point Name: SANDERS Easting: 627100 Northing: 270500	Annual Volume (m³): 30000 Max Daily Volume (m³): 1305 Original Application No: - Original Start Date: 08/02/1967 Expiry Date: - Issue No: 107 Version Start Date: 30/07/2009 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

#### 5.8 Potable abstractions

Records within 2000m 0

Licensed potable water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

This data is sourced from the Environment Agency and Natural Resources Wales.

#### **5.9 Source Protection Zones**

Records within 500m 0

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination.

This data is sourced from the Environment Agency and Natural Resources Wales.

# **5.10 Source Protection Zones (confined aquifer)**

Records within 500m 0

Source Protection Zones in the confined aquifer define the sensitivity around a deep groundwater abstraction to contamination. A confined aquifer would normally be protected from contamination by overlying geology and is only considered a sensitive resource if deep excavation/drilling is taking place.

This data is sourced from the Environment Agency and Natural Resources Wales.





Grid ref: 626178 271230

# **6 Hydrology**



# **6.1 Water Network (OS MasterMap)**

Records within 250m 9

Detailed water network of Great Britain showing the flow and precise central course of every river, stream, lake and canal.

Features are displayed on the Hydrology map on page 34

ID	Location	Type of water feature	Ground level	Permanence	Name
В	103m SW	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-





**Grid ref**: 626178 271230

ID	Location	Type of water feature	Ground level	Permanence	Name
В	171m SW	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
В	181m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
В	183m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
В	185m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
С	192m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
D	203m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
D	210m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
D	214m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.

### **6.2 Surface water features**

Records within 250m 9

Covering rivers, streams and lakes (some overlap with OS MasterMap Water Network data in previous section) but additionally covers smaller features such as ponds. Rivers and streams narrower than 5m are represented as a single line. Lakes, ponds and rivers or streams wider than 5m are represented as polygons.

Features are displayed on the Hydrology map on page 34

This data is sourced from the Ordnance Survey.





**Grid ref**: 626178 271230

### **6.3 WFD Surface water body catchments**

Records on site 1

The Water Framework Directive is an EU-led framework for the protection of inland surface waters, estuaries, coastal waters and groundwater through river basin-level management planning. In terms of surface water, these basins are broken down into smaller units known as management, operational and water body catchments.

Features are displayed on the Hydrology map on page 34

ID	Location	Туре	Water body catchment	Water body ID	Operational catchment	Management catchment
Α	On site	River	Tributary of Waveney	GB105034045741	Waveney	Broadland Rivers

This data is sourced from the Environment Agency and Natural Resources Wales.

#### 6.4 WFD Surface water bodies

Records identified 1

Surface water bodies under the Directive may be rivers, lakes, estuary or coastal. To achieve the purpose of the Directive, environmental objectives have been set and are reported on for each water body. The progress towards delivery of the objectives is then reported on by the relevant competent authorities at the end of each six-year cycle. The river water body directly associated with the catchment listed in the previous section is detailed below, along with any lake, canal, coastal or artificial water body within 250m of the site. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each water body listed.

Features are displayed on the Hydrology map on page 34

ID	Location	Туре	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year	
-	4144m N	River	Tributary of Waveney	GB105034045741	Moderate	Fail	Moderate	2019	

This data is sourced from the Environment Agency and Natural Resources Wales.

#### 6.5 WFD Groundwater bodies

Records on site 1

Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

Features are displayed on the Hydrology map on page 34



Potash Farm, The Street, Brundish, WOODBRIDGE, IP13 8BL

**Ref**: EMS-DE-812247\_1044994 **Your ref**: EMS-DE\_812247\_1005220

**Grid ref**: 626178 271230

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
Α	On site	Broadland Rivers Chalk & Crag	GB40501G400300	Poor	Poor	Poor	2019

This data is sourced from the Environment Agency and Natural Resources Wales.





**Grid ref**: 626178 271230

# 7 River and coastal flooding

## 7.1 Risk of flooding from rivers and the sea

Records within 50m 0

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m within the Risk of Flooding from Rivers and Sea (RoFRaS)/Flood Risk Assessment Wales (FRAW) models. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition. The risk categories for RoFRaS for rivers and the sea and FRAW for rivers are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 100 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 100 chance) or High (greater than or equal to 1 in 30 chance). The risk categories for FRAW for the sea are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 200 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 200 chance) or High (greater than or equal to 1 in 30 chance).

This data is sourced from the Environment Agency and Natural Resources Wales.

#### 7.2 Historical Flood Events

Records within 250m 0

Records of historic flooding from rivers, the sea, groundwater and surface water. Records began in 1946 when predecessor bodies started collecting detailed information about flooding incidents, although limited details may be included on flooding incidents prior to this date. Takes into account the presence of defences, structures, and other infrastructure where they existed at the time of flooding, and includes flood extents that may have been affected by overtopping, breaches or blockages.

This data is sourced from the Environment Agency and Natural Resources Wales.

#### 7.3 Flood Defences

Records within 250m 0

Records of flood defences owned, managed or inspected by the Environment Agency and Natural Resources Wales. Flood defences can be structures, buildings or parts of buildings. Typically these are earth banks, stone and concrete walls, or sheet-piling that is used to prevent or control the extent of flooding.

This data is sourced from the Environment Agency and Natural Resources Wales.





**Grid ref**: 626178 271230

### 7.4 Areas Benefiting from Flood Defences

Records within 250m 0

Areas that would benefit from the presence of flood defences in a 1 in 100 (1%) chance of flooding each year from rivers or 1 in 200 (0.5%) chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.

## 7.5 Flood Storage Areas

Records within 250m 0

Areas that act as a balancing reservoir, storage basin or balancing pond to attenuate an incoming flood peak to a flow level that can be accepted by the downstream channel or to delay the timing of a flood peak so that its volume is discharged over a longer period.

This data is sourced from the Environment Agency and Natural Resources Wales.





**Grid ref**: 626178 271230

# **River and coastal flooding - Flood Zones**

#### 7.6 Flood Zone 2

Records within 50m 0

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land between Flood Zone 3 (see next section) and the extent of the flooding from rivers or the sea with a 1 in 1000 (0.1%) chance of flooding each year.

This data is sourced from the Environment Agency and Natural Resources Wales.

#### 7.7 Flood Zone 3

Records within 50m

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

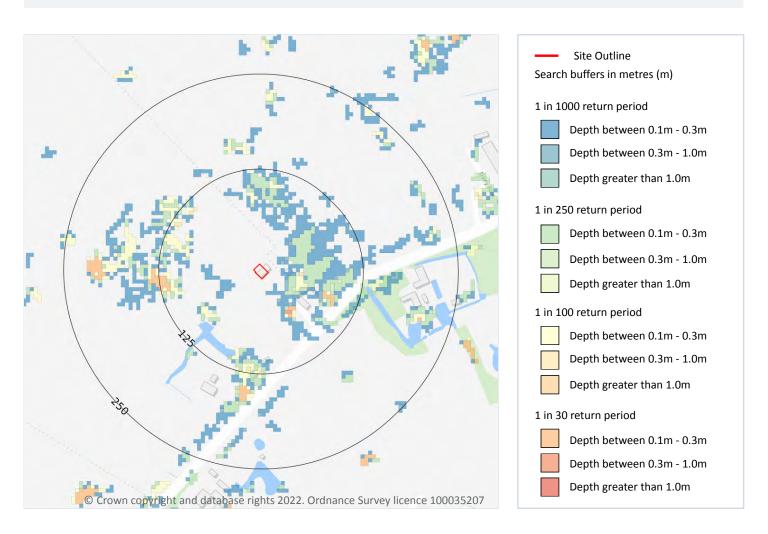
This data is sourced from the Environment Agency and Natural Resources Wales.





**Grid ref**: 626178 271230

# 8 Surface water flooding



# 8.1 Surface water flooding

Highest risk on site Negligible

# Highest risk within 50m

1 in 30 year, 0.1m - 0.3m

Ambiental Risk Analytics surface water (pluvial) FloodMap identifies areas likely to flood as a result of extreme rainfall events, i.e. land naturally vulnerable to surface water ponding or flooding. This data set was produced by simulating 1 in 30 year, 1 in 100 year, 1 in 250 year and 1 in 1,000 year rainfall events. Modern urban drainage systems are typically built to cope with rainfall events between 1 in 20 and 1 in 30 years, though some older ones may flood in a 1 in 5 year rainfall event.

Features are displayed on the Surface water flooding map on page 41

The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.





**Grid ref**: 626178 271230

The table below shows the maximum flood depths for a range of return periods for the site.

Return period	Maximum modelled depth
1 in 1000 year	Negligible
1 in 250 year	Negligible
1 in 100 year	Negligible
1 in 30 year	Negligible

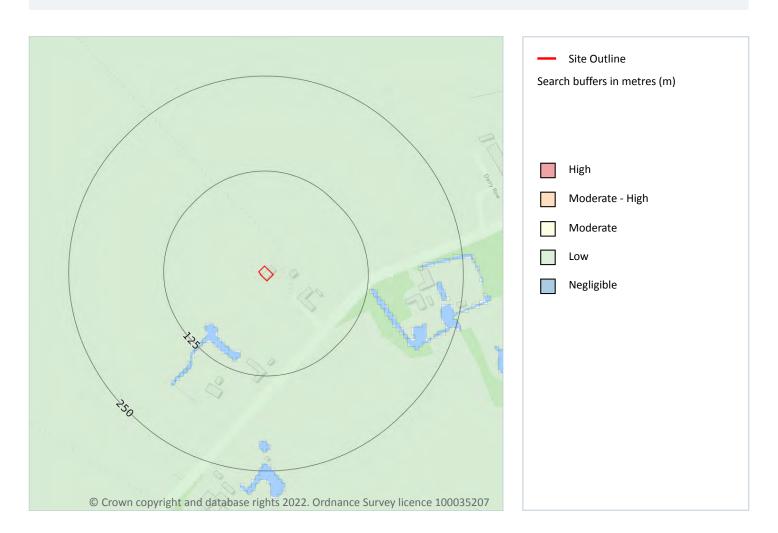
This data is sourced from Ambiental Risk Analytics.





**Grid ref**: 626178 271230

# 9 Groundwater flooding



### 9.1 Groundwater flooding

Highest risk on site	Low
Highest risk within 50m	Low

Groundwater flooding is caused by unusually high groundwater levels. It occurs when the water table rises above the ground surface or within underground structures such as basements or cellars. Groundwater flooding tends to exhibit a longer duration than surface water flooding, possibly lasting for weeks or months, and as a result it can cause significant damage to property. This risk assessment is based on a 1 in 100 year return period and a 5m Digital Terrain Model (DTM).

Features are displayed on the Groundwater flooding map on page 43

This data is sourced from Ambiental Risk Analytics.





**Grid ref**: 626178 271230

# 10 Environmental designations

### 10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m 0

Sites providing statutory protection for the best examples of UK flora, fauna, or geological or physiographical features. Originally notified under the National Parks and Access to the Countryside Act 1949, SSSIs were renotified under the Wildlife and Countryside Act 1981. Improved provisions for the protection and management of SSSIs were introduced by the Countryside and Rights of Way Act 2000 (in England and Wales) and (in Scotland) by the Nature Conservation (Scotland) Act 2004 and the Wildlife and Natural Environment (Scotland) Act 2010.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

## 10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m

Ramsar sites are designated under the Convention on Wetlands of International Importance, agreed in Ramsar, Iran, in 1971. They cover all aspects of wetland conservation and wise use, recognizing wetlands as ecosystems that are extremely important for biodiversity conservation in general and for the well-being of human communities. These sites cover a broad definition of wetland; marsh, fen, peatland or water, whether natural or artificial, permanent or temporary, with water that is static or flowing, fresh, brackish or salt, and even some marine areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

## 10.3 Special Areas of Conservation (SAC)

Records within 2000m

Areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

## 10.4 Special Protection Areas (SPA)

Records within 2000m

Sites classified by the UK Government under the EC Birds Directive, SPAs are areas of the most important habitat for rare (listed on Annex I to the Directive) and migratory birds within the European Union.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.





0

Grid ref: 626178 271230

### 10.5 National Nature Reserves (NNR)

Records within 2000m

Sites containing examples of some of the most important natural and semi-natural terrestrial and coastal ecosystems in Great Britain. They are managed to conserve their habitats, provide special opportunities for scientific study or to provide public recreation compatible with natural heritage interests.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

### 10.6 Local Nature Reserves (LNR)

Records within 2000m 0

Sites managed for nature conservation, and to provide opportunities for research and education, or simply enjoying and having contact with nature. They are declared by local authorities under the National Parks and Access to the Countryside Act 1949 after consultation with the relevant statutory nature conservation agency.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

## 10.7 Designated Ancient Woodland

Records within 2000m 0

Ancient woodlands are classified as areas which have been wooded continuously since at least 1600 AD. This includes semi-natural woodland and plantations on ancient woodland sites. 'Wooded continuously' does not mean there is or has previously been continuous tree cover across the whole site, and not all trees within the woodland have to be old.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

### **10.8 Biosphere Reserves**

Records within 2000m 0

Biosphere Reserves are internationally recognised by UNESCO as sites of excellence to balance conservation and socioeconomic development between nature and people. They are recognised under the Man and the Biosphere (MAB) Programme with the aim of promoting sustainable development founded on the work of the local community.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.





**Grid ref**: 626178 271230

#### 10.9 Forest Parks

Records within 2000m 0

These are areas managed by the Forestry Commission designated on the basis of recreational, conservation or scenic interest.

This data is sourced from the Forestry Commission.

#### 10.10 Marine Conservation Zones

Records within 2000m 0

A type of marine nature reserve in UK waters established under the Marine and Coastal Access Act (2009). They are designated with the aim to protect nationally important, rare or threatened habitats and species.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

#### 10.11 Green Belt

Records within 2000m 0

Areas designated to prevent urban sprawl by keeping land permanently open.

This data is sourced from the Ministry of Housing, Communities and Local Government.

#### **10.12 Proposed Ramsar sites**

Records within 2000m 0

Ramsar sites are areas listed as a Wetland of International Importance under the Convention on Wetlands of International Importance especially as Waterfowl Habitat (the Ramsar Convention) 1971. The sites here supplied have a status of 'Proposed' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

#### 10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m 0

Special Areas of Conservation are areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive. Those sites supplied here are those with a status of 'Possible' having been identified for potential adoption under the framework.

This data is sourced from Natural England and Natural Resources Wales.





**Grid ref**: 626178 271230

### 10.14 Potential Special Protection Areas (pSPA)

Records within 2000m 0

Special Protection Areas (SPAs) are areas designated (or 'classified') under the European Union Wild Birds Directive for the protection of nationally and internationally important populations of wild birds. Those sites supplied here are those with a status of 'Potential' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

#### 10.15 Nitrate Sensitive Areas

Records within 2000m 0

Areas where nitrate concentrations in drinking water sources exceeded or was at risk of exceeding the limit of 50 mg/l set by the 1980 EC Drinking Water Directive. Voluntary agricultural measures as a means of reducing the levels of nitrate were introduced by DEFRA as MAFF, with payments being made to farmers who complied. The scheme was started as a pilot in 1990 in ten areas, later implemented within 32 areas. The scheme was closed to further new entrants in 1998, although existing agreements continued for their full term. All Nitrate Sensitive Areas fell within the areas designated as Nitrate Vulnerable Zones (NVZs) in 1996 under the EC Nitrate Directive (91/676/EEC).

This data is sourced from Natural England.

#### 10.16 Nitrate Vulnerable Zones

Records within 2000m 5

Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

Location	Name	Туре	NVZ ID	Status
On site	River Waveney NVZ	Surface Water	396	Existing
109m SE	Sandlings and Chelmsford	Groundwater	78	Existing
109m SE	Alde NVZ	Surface Water	411	Existing
306m S	River Waveney NVZ	Surface Water	396	Existing
1130m NE	Blyth NVZ	Surface Water	417	Existing

This data is sourced from Natural England and Natural Resources Wales.

