APPENDIX 02

Groundsure Enviro+Geo Insight Report





The Triangle, Great Barton, Bury St Edmunds, IP31 2NP,

Order Details

Date: 12/10/2020

Your ref: EMS 639924 850173

Our Ref: EMS-639924 850173

Client: emapsite

Site Details

Location: 589360 267399

Area: 12.73 ha

Authority: West Suffolk



Summary of findings

p. 2 Aerial image

p. 8

OS MasterMap site plan

N/A: >10ha

groundsure.com/insightuserguide



Summary of findings

Page	Section	Past land use	On site	0-50m	50-250m	250-500m	500-2000m
<u>13</u>	<u>1.1</u>	Historical industrial land uses	0	0	11	8	_
<u>14</u>	<u>1.2</u>	<u>Historical tanks</u>	0	0	0	1	-
<u>15</u>	<u>1.3</u>	Historical energy features	0	1	0	3	-
15	1.4	Historical petrol stations	0	0	0	0	-
<u>16</u>	<u>1.5</u>	Historical garages	0	0	2	0	-
16	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
<u>17</u>	<u>2.1</u>	Historical industrial land uses	0	0	13	9	-
<u>18</u>	<u>2.2</u>	<u>Historical tanks</u>	0	0	0	2	-
<u>19</u>	<u>2.3</u>	Historical energy features	0	2	0	7	-
19	2.4	Historical petrol stations	0	0	0	0	-
<u>20</u>	<u>2.5</u>	Historical garages	0	0	3	0	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
rage	Section	waste and fanami	5.1.5.105			230 300111	300 2000111
21	3.1	Active or recent landfill	0	0	0	0	-
							-
21	3.1	Active or recent landfill	0	0	0	0	-
21	3.1	Active or recent landfill Historical landfill (BGS records)	0	0	0	0	
21 21 22	3.1 3.2 3.3	Active or recent landfill Historical landfill (BGS records) Historical landfill (LA/mapping records)	0 0	0 0	0 0	0 0	
21 21 22 22	3.1 3.2 3.3 3.4	Active or recent landfill Historical landfill (BGS records) Historical landfill (LA/mapping records) Historical landfill (EA/NRW records)	0 0 0	0 0 0	0 0 0	0 0 0	
21 21 22 22 22	3.1 3.2 3.3 3.4 3.5	Active or recent landfill 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 0	0 0 0 0	
21 21 22 22 22 22	3.1 3.2 3.3 3.4 3.5 3.6	Active or recent landfill 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 0 0 0 0	500-2000m
21 21 22 22 22 22 22 22	3.1 3.2 3.3 3.4 3.5 3.6	Active or recent landfill 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 0 0	- - - -
21 21 22 22 22 22 22 Page	3.1 3.2 3.3 3.4 3.5 3.6 3.7 Section	Active or recent landfill 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 0	0 0 0 0 0	- - - -
21 21 22 22 22 22 Page	3.1 3.2 3.3 3.4 3.5 3.6 3.7 Section 4.1	Active or recent landfill 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 0 On site	0 0 0 0 0 0 0 0-50m	0 0 0 0 0 0 50-250m	0 0 0 0 0 3 250-500m	- - - -
21 21 22 22 22 22 22 Page 24 25	3.1 3.2 3.3 3.4 3.5 3.6 3.7 Section 4.1 4.2	Active or recent landfill 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 0 On site	0 0 0 0 0 0 0 0-50m	0 0 0 0 0 0 50-250m	0 0 0 0 0 0 3 250-500m	- - - -





26	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
26	4.7	Regulated explosive sites	0	0	0	0	-
26	4.8	Hazardous substance storage/usage	0	0	0	0	-
26	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
26	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
<u>27</u>	<u>4.11</u>	Licensed pollutant release (Part A(2)/B)	0	0	1	0	-
27	4.12	Radioactive Substance Authorisations	0	0	0	0	-
<u>27</u>	<u>4.13</u>	Licensed Discharges to controlled waters	0	0	3	0	-
28	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
28	4.15	Pollutant release to public sewer	0	0	0	0	-
28	4.16	List 1 Dangerous Substances	0	0	0	0	-
<u>28</u>	<u>4.17</u>	List 2 Dangerous Substances	0	0	1	1	-
29	4.18	Pollution Incidents (EA/NRW)	0	0	0	0	-
29	4.19	Pollution inventory substances	0	0	0	0	-
29	4.20	Pollution inventory waste transfers	0	0	0	0	-
29	4.21	Pollution inventory radioactive waste	0	0	0	0	_
29 Page	4.21 Section	Pollution inventory radioactive waste Hydrogeology	On site	0 0-50m	0 50-250m	0 250-500m	- 500-2000m
			On site		50-250m		- 500-2000m
Page	Section	Hydrogeology	On site	0-50m	50-250m		- 500-2000m
Page <u>30</u>	Section 5.1	Hydrogeology Superficial aquifer	On site Identified (0-50m within 500m	50-250m		500-2000m
Page 30 32	Section <u>5.1</u> <u>5.2</u>	Hydrogeology Superficial aquifer Bedrock aquifer	On site Identified (0-50m within 500m within 500m within 50m)	50-250m		500-2000m
Page 30 32 34	Section <u>5.1</u> <u>5.2</u> <u>5.3</u>	Hydrogeology Superficial aquifer Bedrock aquifer Groundwater vulnerability	On site Identified (Identified (0-50m within 500m within 500m within 50m) within 0m)	50-250m		500-2000m
Page 30 32 34 35	Section <u>5.1</u> <u>5.2</u> <u>5.3</u> <u>5.4</u>	Hydrogeology Superficial aquifer Bedrock aquifer Groundwater vulnerability Groundwater vulnerability- soluble rock risk	On site Identified (Identified (Identified (0-50m within 500m within 500m within 50m) within 0m)	50-250m		500-2000m
Page 30 32 34 35	 Section 5.1 5.2 5.3 5.4 5.5 	Hydrogeology Superficial aquifer Bedrock aquifer Groundwater vulnerability Groundwater vulnerability- soluble rock risk Groundwater vulnerability- local information	On site Identified (Identified (Identified (Identified (None (with	0-50m within 500m within 500m within 50m) within 0m)	50-250m)	250-500m	
Page 30 32 34 35 35 36	 Section 5.1 5.2 5.3 5.4 5.5 5.6 	Hydrogeology Superficial aquifer Bedrock aquifer Groundwater vulnerability Groundwater vulnerability- soluble rock risk Groundwater vulnerability- local information Groundwater abstractions	On site Identified (Identified (Identified (Identified (None (with	0-50m within 500m within 500m within 50m) within 0m) in 0m)	50-250m))	250-500m	11
Page 30 32 34 35 36 39	 Section 5.1 5.2 5.3 5.4 5.5 5.6 5.7 	Hydrogeology Superficial aquifer Bedrock aquifer Groundwater vulnerability Groundwater vulnerability- soluble rock risk Groundwater vulnerability- local information Groundwater abstractions Surface water abstractions	On site Identified (Identified (Identified (Identified (None (with	0-50m within 500m within 50m) within 50m) in 0m) 0	50-250m)) 0	250-500m 0	11 5
Page 30 32 34 35 36 39 40	 Section 5.1 5.2 5.3 5.4 5.5 5.6 5.7 5.8 	Superficial aquifer Bedrock aquifer Groundwater vulnerability Groundwater vulnerability- soluble rock risk Groundwater vulnerability- local information Groundwater abstractions Surface water abstractions Potable abstractions	On site Identified (Identified (Identified (Identified (None (with 0 0 0	o-50m within 500m within 50m) within 50m) in 0m) 0 0	50-250m)) 0 0	250-500m 0 0	11 5
Page 30 32 34 35 36 39 40 41	 Section 5.1 5.2 5.3 5.4 5.5 5.6 5.7 5.8 5.9 	Superficial aquifer Bedrock aquifer Groundwater vulnerability Groundwater vulnerability- soluble rock risk Groundwater vulnerability- local information Groundwater abstractions Surface water abstractions Potable abstractions Source Protection Zones	On site Identified (Identified (Identified (Identified (None (with 0 0 0 2	0-50m within 500m within 500m within 50m) within 0m) 0 0 0 0	50-250m) 0 0 0 0	250-500m 0 0 0	11 5





Ref: EMS-639924_850173 **Your ref**: EMS_639924_850173

Grid ref: 589360 267399

<u>43</u>	<u>6.2</u>	<u>Surface water features</u>	0	0	1	-	-
<u>43</u>	<u>6.3</u>	WFD Surface water body catchments	1	-	-	-	-
<u>43</u>	<u>6.4</u>	WFD Surface water bodies	0	0	0	-	-
<u>44</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
45	7.1	Risk of Flooding from Rivers and Sea (RoFRaS)	None (with	in 50m)			
45	7.2	Historical Flood Events	0	0	0	-	-
45	7.3	Flood Defences	0	0	0	-	-
45	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
46	7.5	Flood Storage Areas	0	0	0	-	-
47	7.6	Flood Zone 2	None (with	in 50m)			
47	7.7	Flood Zone 3	None (with	in 50m)			
Page	Section	Surface water flooding					
48	<u>8.1</u>	Surface water flooding	1 in 30 yea	r, 0.3m - 1.0r	า (within 50เ	m)	
Page	Section	Groundwater flooding					
O		O Company of the comp					
<u>50</u>	<u>9.1</u>	Groundwater flooding	Moderate (within 50m)			
	9.1 Section		Moderate (within 50m) 0-50m	50-250m	250-500m	500-2000m
<u>50</u>		Groundwater flooding			50-250m	250-500m	500-2000m
50 Page	Section	Groundwater flooding Environmental designations	On site	0-50m			
50 Page	Section 10.1	Groundwater flooding Environmental designations Sites of Special Scientific Interest (SSSI)	On site	0-50m	0	0	0
50 Page 51 52	Section 10.1 10.2	Groundwater flooding Environmental designations Sites of Special Scientific Interest (SSSI) Conserved wetland sites (Ramsar sites)	On site 0	0-50m 0	0	0	0
50 Page 51 52	Section 10.1 10.2 10.3	Groundwater flooding Environmental designations Sites of Special Scientific Interest (SSSI) Conserved wetland sites (Ramsar sites) Special Areas of Conservation (SAC)	On site 0 0	0-50m 0 0	0 0	0 0	0 0
50 Page 51 52 52	Section 10.1 10.2 10.3 10.4	Groundwater flooding Environmental designations Sites of Special Scientific Interest (SSSI) Conserved wetland sites (Ramsar sites) Special Areas of Conservation (SAC) Special Protection Areas (SPA)	On site 0 0 0 0	0-50m 0 0 0	0 0 0	0 0 0	0 0 0
50 Page 51 52 52 52 52	Section 10.1 10.2 10.3 10.4 10.5	Groundwater flooding Environmental designations Sites of Special Scientific Interest (SSSI) Conserved wetland sites (Ramsar sites) Special Areas of Conservation (SAC) Special Protection Areas (SPA) National Nature Reserves (NNR)	On site 0 0 0 0 0	0-50m 0 0 0	0 0 0 0	0 0 0 0 0	0 0 0 0
50 Page 51 52 52 52 52 53	Section 10.1 10.2 10.3 10.4 10.5 10.6	Groundwater flooding Environmental designations Sites of Special Scientific Interest (SSSI) Conserved wetland sites (Ramsar sites) Special Areas of Conservation (SAC) Special Protection Areas (SPA) National Nature Reserves (NNR) Local Nature Reserves (LNR)	On site 0 0 0 0 0 0	0-50m 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0
50 Page 51 52 52 52 52 53	Section 10.1 10.2 10.3 10.4 10.5 10.6 10.7	Groundwater flooding Environmental designations Sites of Special Scientific Interest (SSSI) 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	On site 0 0 0 0 0 0 0	0-50m 0 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0
50 Page 51 52 52 52 53 53	Section 10.1 10.2 10.3 10.4 10.5 10.6 10.7 10.8	Groundwater flooding Environmental designations Sites of Special Scientific Interest (SSSI) 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	On site 0 0 0 0 0 0 0 0 0	0-50m 0 0 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0 4
50 Page 51 52 52 52 53 53 53	Section 10.1 10.2 10.3 10.4 10.5 10.6 10.7 10.8 10.9	Environmental designations Sites of Special Scientific Interest (SSSI) 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	On site 0 0 0 0 0 0 0 0 0 0 0	0-50m 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 4 0
50 Page 51 52 52 52 53 53 53 54 54	Section 10.1 10.2 10.3 10.4 10.5 10.6 10.7 10.8 10.9 10.10	Environmental designations Sites of Special Scientific Interest (SSSI) 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 Marine Conservation Zones	On site 0 0 0 0 0 0 0 0 0 0 0 0	0-50m 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0		0 0 0 0 0 0 4 0





54	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
55	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
55	10.15	Nitrate Sensitive Areas	0	0	0	0	0
<u>55</u>	<u>10.16</u>	Nitrate Vulnerable Zones	2	0	0	0	2
<u>56</u>	<u>10.17</u>	SSSI Impact Risk Zones	1	-	-	-	-
57	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
58	11.1	World Heritage Sites	0	0	0	-	-
59	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
59	11.3	National Parks	0	0	0	-	-
<u>59</u>	<u>11.4</u>	<u>Listed Buildings</u>	0	1	3	-	-
60	11.5	Conservation Areas	0	0	0	-	-
60	11.6	Scheduled Ancient Monuments	0	0	0	-	-
60	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
ruge	Section	Agricultural designations					
61	12.1	Agricultural Land Classification		ithin 250m)			
					0	-	-
<u>61</u>	<u>12.1</u>	Agricultural Land Classification	Grade 3 (w	ithin 250m)	0	-	-
61 62	12.1 12.2	Agricultural Land Classification Open Access Land	Grade 3 (w	ithin 250m)		-	- - -
61 62 62	12.1 12.2 12.3	Agricultural Land Classification Open Access Land Tree Felling Licences	Grade 3 (w 0	ithin 250m) 0 0	1	-	- - -
61 62 62 62	12.1 12.2 12.3 12.4	Agricultural Land Classification Open Access Land Tree Felling Licences Environmental Stewardship Schemes	Grade 3 (w 0 0 0	0 0 0	1 0	- - - - 250-500m	- - - - 500-2000m
61 62 62 62 62	12.1 12.2 12.3 12.4 12.5	Agricultural Land Classification Open Access Land Tree Felling Licences Environmental Stewardship Schemes Countryside Stewardship Schemes	Grade 3 (w 0 0 0	0 0 0 0	1 0 0	- - -	- - -
61 62 62 62 62 Page	12.1 12.2 12.3 12.4 12.5 Section	Agricultural Land Classification Open Access Land Tree Felling Licences Environmental Stewardship Schemes Countryside Stewardship Schemes Habitat designations	Grade 3 (w 0 0 0 0 On site	0 0 0 0 0	1 0 0 50-250m	- - -	- - -
61 62 62 62 62 Page	12.1 12.2 12.3 12.4 12.5 Section 13.1	Agricultural Land Classification Open Access Land Tree Felling Licences Environmental Stewardship Schemes Countryside Stewardship Schemes Habitat designations Priority Habitat Inventory	Grade 3 (w 0 0 0 0 On site	o 0 0 0 0 0 0-50m	1 0 0 50-250m	- - -	- - -
61 62 62 62 62 Page 63	12.1 12.2 12.3 12.4 12.5 Section 13.1 13.2	Agricultural Land Classification Open Access Land Tree Felling Licences Environmental Stewardship Schemes Countryside Stewardship Schemes Habitat designations Priority Habitat Inventory Habitat Networks	Grade 3 (w 0 0 0 0 On site 0	0 0 0 0 0-50m	1 0 0 50-250m 6	- - -	- - -
61 62 62 62 62 Page 63 64	12.1 12.2 12.3 12.4 12.5 Section 13.1 13.2	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	Grade 3 (w 0 0 0 0 On site 0 0	0 0 0 0 0-50m 0	1 0 0 50-250m 6 0	- - -	- - -
61 62 62 62 62 Page 63 64 64	12.1 12.2 12.3 12.4 12.5 Section 13.1 13.2 13.3	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	Grade 3 (w 0 0 0 0 On site 0 On site	0 0 0 0 0 0-50m 0	1 0 0 50-250m 6 0 0 0 50-250m	- - - 250-500m - - -	- - - 500-2000m - -
61 62 62 62 62 Page 63 64 64 64	12.1 12.2 12.3 12.4 12.5 Section 13.1 13.2 13.3 13.4 Section	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	Grade 3 (w 0 0 0 0 On site 0 On site	0 0 0 0 0-50m 0 0	1 0 0 50-250m 6 0 0 0 50-250m	- - - 250-500m - - -	- - - 500-2000m - -
61 62 62 62 62 Page 63 64 64 64 Page	12.1 12.2 12.3 12.4 12.5 Section 13.1 13.2 13.3 13.4 Section 14.1	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 10k Availability	Grade 3 (w 0 0 0 0 On site 0 On site Identified (o 0 0 0 0 0-50m 0 0 0-50m within 500m	1 0 0 50-250m 6 0 0 50-250m	- - - 250-500m - - - - 250-500m	- - - 500-2000m - -





67	14.4	Landslip (10k)	0	0	0	0	-
68	14.5	Bedrock geology (10k)	0	0	0	0	-
68	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
<u>69</u>	<u>15.1</u>	50k Availability	Identified (within 500m)	•	
70	15.2	Artificial and made ground (50k)	0	0	0	0	-
70	15.3	Artificial ground permeability (50k)	0	0	-	-	-
<u>71</u>	<u>15.4</u>	Superficial geology (50k)	3	0	0	2	-
<u>72</u>	<u>15.5</u>	Superficial permeability (50k)	Identified (within 50m)			
72	15.6	Landslip (50k)	0	0	0	0	-
72	15.7	Landslip permeability (50k)	None (with	in 50m)			
<u>73</u>	<u>15.8</u>	Bedrock geology (50k)	1	0	0	0	-
<u>74</u>	<u>15.9</u>	Bedrock permeability (50k)	Identified (within 50m)			
74	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
<u>75</u>	<u>16.1</u>	BGS Boreholes	0	0	2	-	-
75 Page	16.1 Section	Natural ground subsidence	0	0	2	-	-
			0 Low (within		2	-	-
Page	Section	Natural ground subsidence		n 50m)	2	-	-
Page <u>76</u>	Section 17.1	Natural ground subsidence Shrink swell clays	Low (within	n 50m)	2	-	-
Page 76 78	Section <u>17.1</u> <u>17.2</u>	Natural ground subsidence Shrink swell clays Running sands	Low (within	n 50m) n 50m) within 50m)	2	-	-
Page 76 78 80	Section 17.1 17.2 17.3	Natural ground subsidence Shrink swell clays Running sands Compressible deposits	Low (within Low (within Negligible (n 50m) n 50m) within 50m) vithin 50m)	2	-	
Page 76 78 80 81	Section 17.1 17.2 17.3 17.4	Natural ground subsidence Shrink swell clays Running sands Compressible deposits Collapsible deposits	Low (within Low (within Negligible (n 50m) n 50m) within 50m) vithin 50m)	2	-	-
Page 76 78 80 81 82	Section 17.1 17.2 17.3 17.4 17.5	Natural ground subsidence Shrink swell clays Running sands Compressible deposits Collapsible deposits Landslides	Low (within Low (within Negligible (Very low (w	n 50m) n 50m) within 50m) vithin 50m)	2 50-250m	- 250-500m	500-2000m
Page 76 78 80 81 82 83	Section 17.1 17.2 17.3 17.4 17.5 17.6	Natural ground subsidence Shrink swell clays Running sands Compressible deposits Collapsible deposits Landslides Ground dissolution of soluble rocks	Low (within Low (within Negligible (Very low (word low	n 50m) n 50m) within 50m) vithin 50m) vithin 50m)		250-500m	500-2000m
Page 76 78 80 81 82 83 Page	Section 17.1 17.2 17.3 17.4 17.5 17.6 Section	Natural ground subsidence Shrink swell clays Running sands Compressible deposits Collapsible deposits Landslides Ground dissolution of soluble rocks Mining, ground workings and natural cavities	Low (within Low (within Negligible (Very low (within Very low)) Very low (with Very low)	n 50m) n 50m) within 50m) vithin 50m) vithin 50m) vithin 50m)	50-250m		500-2000m
Page 76 78 80 81 82 83 Page	Section 17.1 17.2 17.3 17.4 17.5 17.6 Section 18.1	Natural ground subsidence Shrink swell clays Running sands Compressible deposits Collapsible deposits Landslides Ground dissolution of soluble rocks Mining, ground workings and natural cavities Natural cavities	Low (within Low (within Negligible (Very low (within Very low (with Very low (wit	n 50m) n 50m) within 50m) within 50m) within 50m) within 50m) 0-50m	50-250m	0	500-2000m
Page 76 78 80 81 82 83 Page 85	Section 17.1 17.2 17.3 17.4 17.5 17.6 Section 18.1 18.2	Natural ground subsidence Shrink swell clays Running sands Compressible deposits Collapsible deposits Landslides Ground dissolution of soluble rocks Mining, ground workings and natural cavities Natural cavities BritPits	Low (within Low (within Negligible (Wery low (www.)) Very low (www.) On site	n 50m) n 50m) within 50m) within 50m) within 50m) within 50m) 0-50m 0	50-250m 0 1	0	500-2000m - - -





<u>87</u>	<u>18.6</u>	Non-coal mining	1	0	0	1	0
88	18.7	Mining cavities	0	0	0	0	0
88	18.8	JPB mining areas	None (with	in 0m)			
88	18.9	Coal mining	None (with	in 0m)			
88	18.10	Brine areas	None (with	in 0m)			
89	18.11	Gypsum areas	None (with	in 0m)			
89	18.12	Tin mining	None (with	in 0m)			
89	18.13	Clay mining	None (with	in 0m)			
Page	Section	Radon					
90	<u>19.1</u>	Radon	Less than 1	.% (within 0n	n)		
Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m
<u>91</u>	20.1	BGS Estimated Background Soil Chemistry	7	1	-	-	-
91	20.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
92	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
93	21.1	Underground railways (London)	0	0	0	-	-
93	21.2	Underground railways (Non-London)	0	0	0	-	-
93	21.3	Railway tunnels	0	0	0	-	-
93	21.4	Historical railway and tunnel features	0	0	0	-	-
93	21.5	Royal Mail tunnels	0	0	0	-	-
94	21.6	Historical railways	0	0	0	-	-
94	21.7	Railways	0	0	0	-	-
94	21.8	Crossrail 1	0	0	0	0	-
94	21.9	Crossrail 2	0	0	0	0	-
94	21.10	HS2	0	0	0	0	-





Recent aerial photograph



Capture Date: 10/05/2017





Recent site history - 2016 aerial photograph



Capture Date: 01/05/2016





Recent site history - 2014 aerial photograph



Capture Date: 18/05/2014





Recent site history - 2008 aerial photograph



Capture Date: 25/07/2008





Recent site history - 1999 aerial photograph

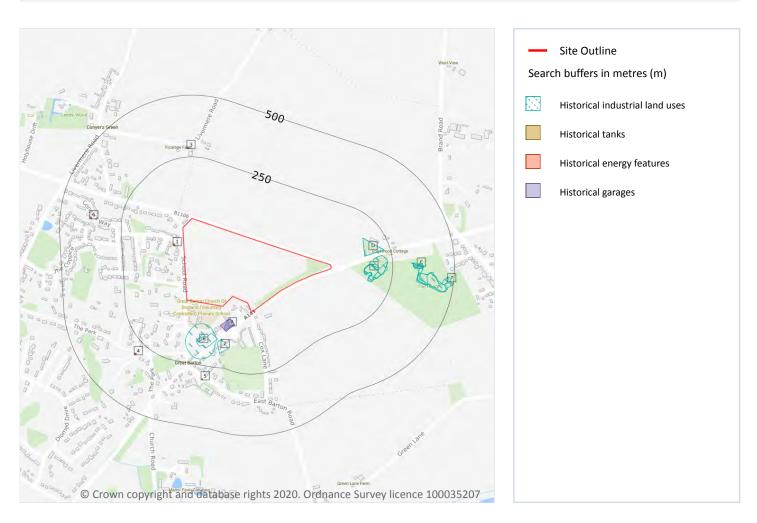


Capture Date: 05/05/1999





1 Past land use



1.1 Historical industrial land uses

Records within 500m 19

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'.

Features are displayed on the Past land use map on page 13

ID	Location	Land use	Dates present	Group ID
В	84m S	Smithy	1883	2068900





ID	Location	Land use	Dates present	Group ID
В	116m S	Smithy	1950 - 1957	2097682
С	133m E	Gravel Pit	1950 - 1957	2094623
2	133m S	Police Station	1976	2059736
С	134m E	Gravel Pit	1905	2071784
С	134m E	Gravel Pit	1883	2082915
С	136m E	Unspecified Disused Pit	1994	2076636
С	136m E	Unspecified Disused Pit	1976	2098538
В	139m S	Smithy	1905	2064355
D	143m E	Telephone Exchange	1976	2084255
D	143m E	Telephone Exchange	1994	2096671
Е	324m E	Unspecified Ground Workings	1883	2089372
Е	331m E	Chalk Pit	1905	2067531
Е	332m E	Unspecified Ground Workings	1957	2121624
Е	346m E	Unspecified Heap	1950	2054270
Е	350m E	Unspecified Pit	1950	2041856
Е	352m E	Chalk Pit	1883	2072052
Е	390m E	Chalk Pit	1950 - 1957	2068784
7	469m E	Gravel Pit	1883	2055864

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

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'.

Features are displayed on the Past land use map on page 13





ID	Location	Land use	Dates present	Group ID
3	284m N	Tanks	1990 - 1993	355255

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

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'.

Features are displayed on the Past land use map on page 13

ID	Location	Land use	Dates present	Group ID
1	35m W	Electricity Substation	1990 - 1993	236899
4	297m SW	Electricity Substation	1971 - 1994	230119
5	302m S	Electricity Substation	1993	226271
6	371m W	Electricity Substation	1990 - 1994	231925

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m 0

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 2

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'.

Features are displayed on the Past land use map on page 13

ID	Location	Land use	Dates present	Group ID
А	58m SE	Garage	1990 - 1993	71555
А	58m SE	Garage	1971	70464

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.





2 Past land use - un-grouped



2.1 Historical industrial land uses

Records within 500m 22

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'.

Features are displayed on the Past land use - un-grouped map on page 17

ID	Location	Land Use	Date	Group ID
С	84m S	Smithy	1883	2068900
С	116m S	Smithy	1957	2097682
С	129m S	Smithy	1950	2097682





ID	Location	Land Use	Date	Group ID
D	133m E	Gravel Pit	1950	2094623
1	133m S	Police Station	1976	2059736
D	134m E	Gravel Pit	1905	2071784
D	134m E	Gravel Pit	1883	2082915
D	136m E	Gravel Pit	1957	2094623
D	136m E	Unspecified Disused Pit	1994	2076636
D	136m E	Unspecified Disused Pit	1976	2098538
С	139m S	Smithy	1905	2064355
Е	143m E	Telephone Exchange	1994	2096671
Е	143m E	Telephone Exchange	1976	2084255
Н	324m E	Unspecified Ground Workings	1883	2089372
Н	331m E	Chalk Pit	1905	2067531
Н	332m E	Unspecified Ground Workings	1957	2121624
Н	346m E	Unspecified Heap	1950	2054270
Н	350m E	Unspecified Pit	1950	2041856
Н	352m E	Chalk Pit	1883	2072052
Н	390m E	Chalk Pit	1950	2068784
Н	392m E	Chalk Pit	1957	2068784
3	469m E	Gravel Pit	1883	2055864

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m 2

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'.

Features are displayed on the Past land use - un-grouped map on page 17

ID	Location	Land Use	Date	Group ID
F	284m N	Tanks	1993	355255





ID	Location	Land Use	Date	Group ID
F	285m N	Tanks	1990	355255

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m 9

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'.

Features are displayed on the Past land use - un-grouped map on page 17

ID	Location	Land Use	Date	Group ID
А	35m W	Electricity Substation	1993	236899
А	36m W	36m W Electricity Substation 1990		236899
G	297m SW	Electricity Substation	1994	230119
G	298m SW	Electricity Substation	1971	230119
G	300m SW	Electricity Substation	1985	230119
G	300m SW	Electricity Substation	1990	230119
2	302m S	Electricity Substation	1993	226271
I	371m W	Electricity Substation	1994	231925
I	374m W	Electricity Substation	1990	231925

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.





2.5 Historical garages

Records within 500m 3

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'.

Features are displayed on the Past land use - un-grouped map on page 17

ID	Location	Land Use	Date	Group ID
В	58m SE	Garage	1990	71555
В	58m SE	Garage	1971	70464
В	61m SE	Garage	1993	71555

This data is sourced from Ordnance Survey / Groundsure.





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.

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 3

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.

Features are displayed on the Waste and landfill map on page 21

ID	Location	Site	Reference	Category	Sub-Category	Description
1	251m W	19 A Downing Drive, Great Barton, Bury St Edmunds, Suffolk, IP31 2RP	EA/EPR/VP385 7KQ/A001	Treating waste exemption	Not on a farm	Repair or refurbishment of WEEE





The Triangle, Great Barton, Bury St Edmunds, IP31 2NP,

Ref: EMS-639924_850173 Your ref: EMS_639924_850173 Grid ref: 589360 267399

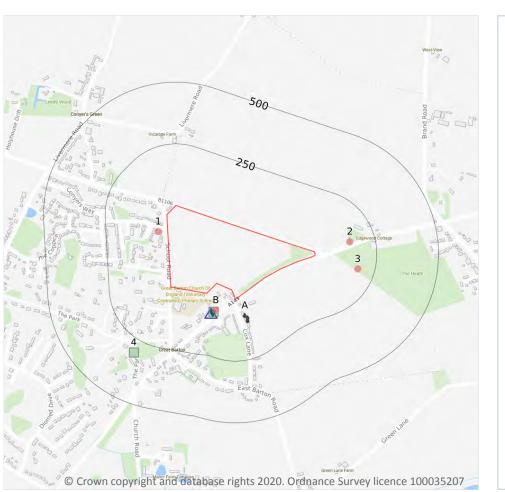
ID	Location	Site	Reference	Category	Sub-Category	Description
А	307m N	WOOD FARM, VICARAGE FARM LANE, GREAT BARTON, BURY ST. EDMUNDS, IP31 2QF	WEX149631	Using waste exemption	Not on a farm	Burning of waste as a fuel in a small appliance
А	311m N	Wood Farm Vicarage Farm Lane Bury St Edmunds IP31 2QF	EPR/MF0300N Z/A001	Using waste exemption	Non-Agricultural Waste Only	Burning of waste as a fuel in a small appliance

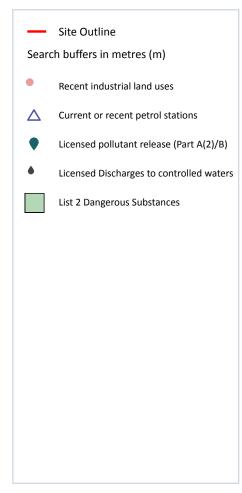
This data is sourced from the Environment Agency and Natural Resources Wales.





4 Current industrial land use





4.1 Recent industrial land uses

Records within 250m

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on page 24

ID	Location	Company	Address	Activity	Category
1	39m W	Electricity Sub Station	Suffolk, IP31	Electrical Features	Infrastructure and Facilities
В	3 78m SE Esso Service Station, The Street, Great Barton, Bury St. Edmunds, Suffolk, IP31 2NP		Service Station, The Street, Great Barton, Bury St. Edmunds, Suffolk, IP31 2NP	ry Petrol and Fuel Stations Road and Rail	
2	149m E	Telephone Exchange	Suffolk, IP31	Telecommunications Features	Infrastructure and Facilities





ID	Location	Company	Address	Activity	Category
3	182m E	Workings (Dis)	Suffolk, IP31	Unspecified Quarries Or Mines	Extractive Industries

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m 1

Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on page 24

ID	Location	Company	Address	LPG	Status
В	81m S	ESSO	The Street, Great Barton, Bury St Edmunds, Suffolk, IP31 2NP	No	Open

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.

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 1

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.

Features are displayed on the Current industrial land use map on page 24

ID	Location	Address	Details	
В	84m S	Malthurst Petroleum Ltd (Formerly Total Fina (Great Barton)), The Street, Bury St Edmunds, IP31 2NP	Process: Unloading of Petrol into Storage at Service Stations Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified

This data is sourced from Local Authority records.

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 24

ID	Location	Address	Details	
Α	75m SE	NO 1 VACANT SITE, COX LANE, GREAT BARTON, SUFFOLK.	Effluent Type: UNSPECIFIED Permit Number: PR1LFU294 Permit Version: 1 Receiving Water: Land	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 07/09/1984 Effective Date: 07/09/1984 Revocation Date: 27/06/1997
A	88m SE	NO 2 VACANT SITE, COX LANE, GREAT BARTON, SUFFOLK.	Effluent Type: UNSPECIFIED Permit Number: PR1LFU295 Permit Version: 1 Receiving Water: Land	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 07/09/1984 Effective Date: 07/09/1984 Revocation Date: 27/06/1997

