

Brailes (Upper & Lower)

sp23z16	A strip of open woodland with a mix of ash and oak dominant in the canopy. The understorey contains hawthorn; ash; elder and sycamore. The ground flora is dominated by nettle and bramble; with the edges also containing creeping buttercup; <i>Dactylis glomerata</i> and <i>Holcus lanatus</i> .
SP23Z27	Area of damp grassland between woodland and arable field. With soft rush, creeping buttercup, creeping bent, marsh thistle, creeping thistle, mugwort, white clover, black meadow cocks foot and futher along field horsetail.
SP33E1	Rich road verge containing locally dominant meadowsweet and great willowherb with abundant <i>Arrhenatherum elatius</i> ; <i>Holcus lanatus</i> ; including hedge woundwort; nettle; creeping thistle; hogweed; bramble; woody nightshade; meadow crane's bill; silverweed; red campion; meadow vetchling and including russian comfrey in the north of the area. The hedge contains rose; hawthorn; blackthorn; field maple; ash; crab apple; elm and elder.
SP33E10	Area of scrub including goat willow, alder, elm, and occasional birds around large pond. Ground flora mostly thistle and dock. Common reeds around pond. Not able to access directly.
SP33E11	Possible semi-improved calcareous grassland with extensive ridge and furrow throughout. Abundance of ant hills indicating dry possibly calcareous and old grazed meadow. Field is sheep grazed, spring combs, Difficult to identify grasses and flora, needs revisiting later in year.
SP33E12	Plantation of mature grey poplar. Ground flora dogs mercury (<i>Mercurialis perennis</i>), lords and ladies (<i>Arum maculatum</i>), lesser celandine (<i>Ranunculus ficaria</i>), Snow drops (<i>Galanthus nivallis</i>), occasional daffodils possibly narcissus <i>pseudonarcissus</i> - wild daffodil.
SP33E13	Small field off semi-improved grassland running through middle (not shown on map). Old pollarded willows along stream bank. Soft rush (<i>Juncus effusus</i>), creeping buttercups (<i>Ranunculus repens</i>), ground ivy (<i>Glechoma hederacea</i>), lesser celandine (<i>Ranunculus ficaria</i>), broad leaved dock (<i>Rumex obtusifolius</i>).
SP33E14	Small/copse semi natural woodland previously noted as plantation with mature ash, crack willow, hawthorn and occasional oak. Ground flora common nettle (<i>Urtica dioica</i>), Cleavers (<i>Galium aparine</i>), lesser celandine (<i>Ranunculus ficaria</i>). Small stream runs though copse with feeds into large pond further down. Not able to access.
SP33E15	Brailes House parkland with mature oaks and occasional horse chestnut. Parkland is surrounded by sheep grazed pasture with extensive ridge and furrow. See target notes 5 and 8.
SP33E16	Castle Hill : Area of wet grassland at foot of slope with soft rush (<i>Juncus effusus</i>), meadow buttercup, broad leaf dock, marsh thistle, meadow foxtail, lady's smock and creeping buttercup.
SP33E2	Poor; neglected semi-improved grassland (possibly set-aside) dominated by <i>Holcus lanatus</i> and <i>Dactylis glomerata</i> with abundant <i>Agrostis capillaris</i> ; dock and creeping thistle; red clover; meadow buttercup; nettle; white clover; autumn hawkbit; bird's foot trefoil. Rich in butterflies including marble white; ringlet; gate keeper and comma. UPDATED 30/03/2012 by CFT. Gilletts Hill, open scrubland and tall ruderal with areas of semi-improved grasslands scrubbing over. Flora mostly bramble and rosebay with occasional god rose and gorse. Occasional mature horse chestnut with hawthorn throughout. Grasses mainly course cocks foot (<i>Dactylis glomerata</i>) most obvious. Ground flora mostly dock and nettle. Apart from small oak plantation to the north of the site there has been occasional tree planting. Evidence of deer damage. Small herd of roe deer seen here, Stag and seven does including white/albino. Site is crossed by network of public footpaths, possible PLWS not previously noted.



SP33E3	Poor semi-improved grassland dominated by <i>Cynosurus cristatus</i> with <i>Anthoxanthum odoratum</i> and contains abundant red and white clover; autumn hawkbit; selfheal; <i>Holcus lanatus</i> ; <i>Trisetum flavescens</i> and meadow buttercup. Grazed by horses. UPDATED 30/03/2012 by CFT. Semi-improved grassland grazed by horses. Maybe poor semi-improved due to over grazing. Difficult to determine this time of year.
SP33E4	Semi-improved grassland dominated by <i>Holcus lanatus</i> ; <i>Dactylis glomerata</i> ; <i>Alopecurus pratensis</i> and <i>Anthoxanthum odoratum</i> with <i>Cynosurus cristatus</i> ; <i>Agrostis capillaris</i> and containing bulbous buttercup; meadow buttercup; pignut; bird's foot trefoil; autumn hawkbit; selfheal; red clover and germander speedwell. UPDATED 30/03/2012 by CFT. Semi-improved grassland grazed by horses. Maybe poor semi-improved due to over grazing. Difficult to determine at this time of year.
SP33E5	Appears to be a semi-improved and possibly calcareous grassland ridge and furrow throughout with mature oak and ash. Former parkland belonging to Brailes House. Too early in the season to properly identify forbs and grasses.
SP33E6	Area of wet marshy grassland alongside stream. Row of pollarded creek willow. Area of scrub along side footpath and disturbed area containing nettle and dock. Field evidence of ridge and furrow, poor semi-improved. Hedge boundary shows forbs including lesser celandine, lords and ladies, clovers, creeping buttercups, occasional bramble. Small stand of alder and evidence of greater willow herb.
SP33E7	Semi-improved grassland meadow field slopes down to stream/marshy area (see T6). Field appears to have a misc of forbs. Too early to provide a better list, but meadow buttercup and cranesbill sp. Possible meadow foxtail (<i>Alopecurus pratensis</i>). There is an area of disturbed ground close to the stream, and marshy area, with primrose (<i>Primula vulgaris</i>), lungwort (<i>Pulmonaria officinalis</i>), lesser celandine (<i>Ranunculus ficaria</i>), rose bay (<i>Chamerion angustifolium</i>), broad leaved dock (<i>Rumex obtusifolius</i>), ground ivy (<i>Glechoma hederacea</i>), common field speedwell (<i>Veronica persica</i>). Plus garden spoil including daffodils and grape hyacinths. Some planting has been attempted with hazel.
SP33E8	Area of scrub on steep slope with bramble, hawthorn and gorse. Occasional mature oak and ash, also young oak and ash. Ground flora below trees includes primrose (<i>Primula vulgaris</i>), lords and ladies (<i>Arum maculatum</i>), ground ivy (<i>Glechoma hederacea</i>), lesser celandine (<i>Ranunculus ficaria</i>), and common nettle (<i>Urtica dioica</i>) in open scrubland area.
SP33E9	Chanington Butts Bridleway - Hollow way. Wide bridle way lined with steep banks on either side, topped with odd coppiced sycamore and ash, also hawthorn and holly rich ground. Flora banks with abundant primrose (<i>Primula vulgaris</i>) lords and ladies (<i>Arum maculatum</i>), lesser celandine (<i>Ranunculus ficaria</i>), ground ivy (<i>Glechoma hederacea</i>), common nettle (<i>Urtica dioica</i>) in open scrubland area.
SP33J10	Unmanaged species poor grassland, no access.
SP33J11	High canopy semi natural broadleaved woodland, dominated by oak, with beech, sycamore and ash. Ground flora consists of cleavers and common nettle.
sp34a1	Semi-improved grassland dominated by <i>Cynosurus cristatus</i> with abundant <i>Holcus lanatus</i> ; <i>Agrostis capillaris</i> ; <i>Festuca rubra</i> ; <i>Festuca arundinacea</i> ; <i>Anthoxanthum odoratum</i> and including autumn hawkbit; sorrel; cat's ear; ribwort plantain; mouse-ear hawkweed; yarrow; selfheal; lesser trefoil; white and red clover; daisy; bird's foot trefoil; <i>Trisetum flavescens</i> and lady's bedstraw. <i>Aria praecox</i> is locally abundant on the top of the hill-fort area. Also contains dense patches of gorse and hawthorn scrub. Cattle and sheep grazed. UPDATED 30/05/2012 CFT. Slope here has swards of sorrel on a dry open south facing slope with occasional bare patches, grass in some areas; poor semi-improved acid grassland sandy soils here.
SP34A11	3 ponds here in a private garden. Largest pond tracks onto a wood. Ponds surrounded with pendulous sedge and yellow iris. First pond also has water lily.



Target Notes

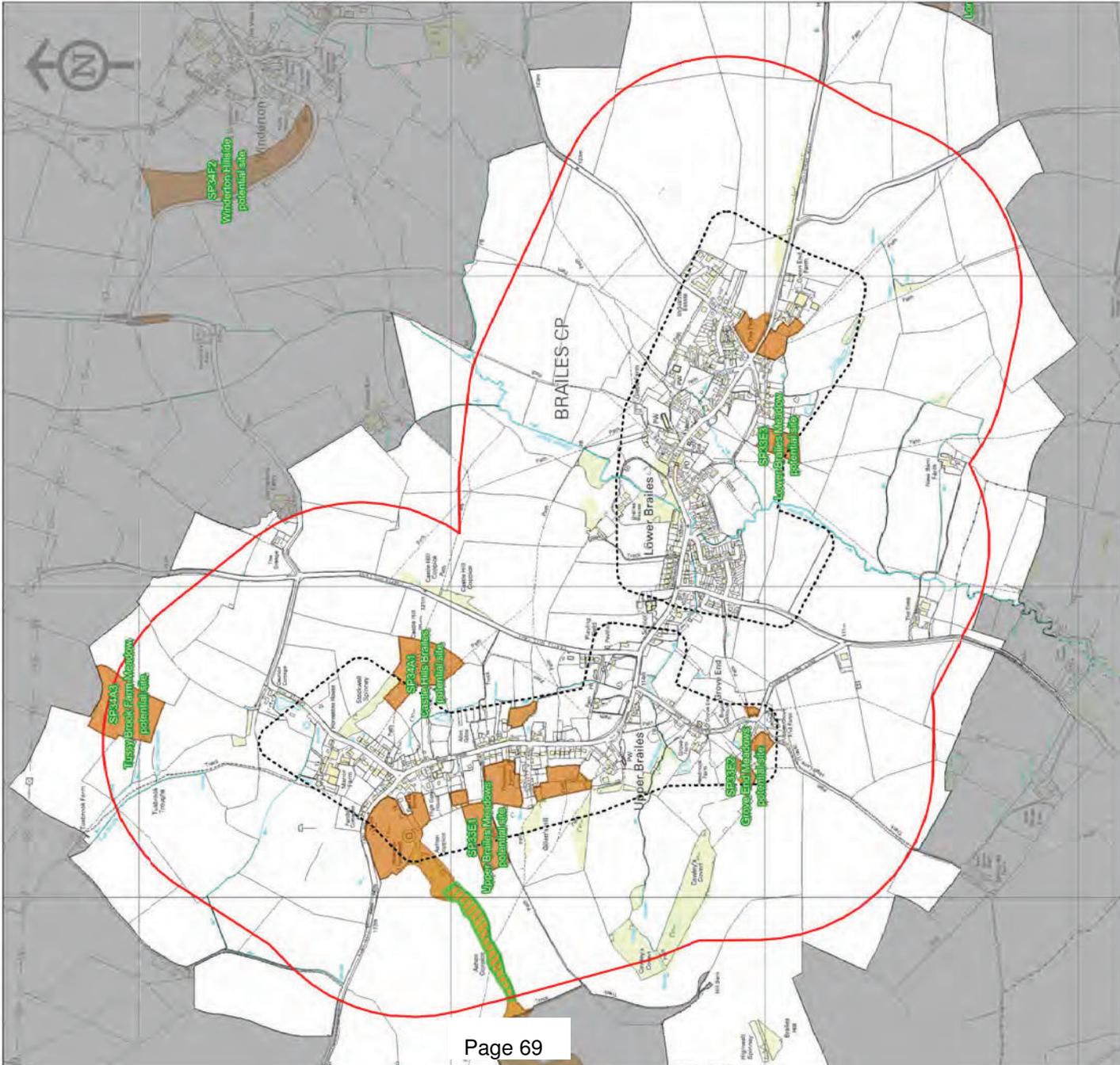
SP34A12	Poor semi-improved grassland on slope. Rough grazing pasture. Ungrazed at time of visit. Mostly mix of grasses underlying rye grasses ((<i>Lolium</i>), sweet vernal, meadow foxtail, and cocks foot. Forbs: common sorrel, spear thistle, and bulbous buttercup. Common mouse ear, red clover and pignut (<i>Conopodium majus</i>).
SP34A13	Catle hill open grassland with areas of dense hawthorn and grose scrub. Also bramble and elder. Grassy areas also have common moise ear hawkweed (<i>Pilosella officinarum</i>), Galuim Verum, early hair crass, sheeps sorrell (<i>Rumex Acetosella</i>)on steep slope with patches of bare ground. Top of hill has areas of disturbed ground with meadow foxtail, spear thistle and common nettle. Also areas of short grasses with birds foot trefoil. White and red clover, bulbous buttercup and pignut futher down slope. Occasional oak and ash. Few cattle grazing here.
SP34A15	Mature broad leaf plantation mostly ash with occasional silver birch. Understory is hawthorn and elder with occasional pine sp, oak, holly, and re-generating elm. Ground flora is patchy due to dense canopy byt there are bluebells and red campion in places other wise bramble and cleavers.
SP34A16	Ash plantation with hawthorn and young field maple.
SP34A17	Poor semi-improved meadow with extensive ridge and furrow throughout. Grazed by sheep, but less intensively. Mostly meadow grasses and buttercup with an area of marsh grassland (<i>Junucs</i> spp) present.
SP34A18	Species rich hedgerow with mature oaks, and ash. Hedge has young ash, hawthorn, blackthorn, field rose, field maple and bramble.
SP34A19	Species rich hedgerow with trees grown out to scrub with mature oaks and ash trees. Shrub layer is ash, sycamore, field maple, blackthorn, hawthorn (midland), re-generating elm, elder and whych elm. Wide road verge with cow parsley, red campion, hogweed, cleavers, cocks foot, meadow foxtail, smooth meadow grass, broad leaf dock, and field forget-me-not.
sp34a2	Plantation strip along road containing abundant ash and locally abundant oak with some localised hawthorn and blackthorn understorey. The ground floris poor and dominated by grasses with nettle and dock. UPDATED 30/05/2012 CFT. Understory has field maple, whych hazel, mislland, hawthorn, blackthorn and sycamore. Ground flora, mostly cow parsley and red campion. New plantings of ash and hazel.
SP34A20	Tree line alongside road here down from farnt hill resevoir has white beam, wayfaring tree and broad leaf limes.
sp34a3	Farm pond surrounded by pollard willow contains locally dominant <i>Carex riparia</i> ; watercress and <i>Lemna minor</i> . Potential for newts although rather shallow.
sp34a4	Ornamental pond with white and yellow water-lily; yellow iris and variegated <i>Glyceria maxima</i> and includes <i>Typha latifolia</i> ; greater spearwort; <i>Juncus inflexus</i> ; <i>Juncus effusus</i> ; <i>Juncus conglomeratus</i> ; <i>Holcus lanatus</i> ; selfheal and great willowherb. Stocked with fish.
sp34a5	Largely improved grassland with steep banks containing <i>Deschampsia cespitosa</i> ; <i>Anthoxanthum odoratum</i> ; <i>Holcus lanatus</i> ; <i>Cynosurus cristatus</i> and <i>Agrostis capillaris</i> with cat's ear; sheep's sorrel; meadow buttercup; sorrel; selfheal; marsh thistle and red clover. Mature female frog noted. UPDATED 30/05/2012 CFT. Area of grassland has been fenced off and not mown. Mainly buttercups, thistle, and tall meadow grasses. Occasional patches of bramble and hawthorn.
sp34a6	Plantation dominated by sycamore with ash and an understorey of elder and hawthorn. Ground flora mainly bare but includes nettle; bugle; <i>Dryopteris filix-mas</i> and wood dock. UPDATED 30/05/2012 CFT. Former plantation/ old woodland with mature ash, some coppiced. Also sycamore and occasional oak. Understory of sycamore, ash, elder and hawthorn. Ground flora is sparse; common nettle and bluebells in place.



- sp34a7 Neglected poor semi-improved grassland dominated by *Holcus lanatus* with abundant *Dactylis glomerata*; *Trisetum flavescens*; *Agrostis capillaris*; *Arrhenatherum elatius* with nettle; lesser stitchwort; sorrel; *Festuca rubra*; nipplewort and meadow buttercup. UPDATED 30/05/2012 CFT. More like open scrubland with young planted oak and ash trees. Beginning to shade out grass areas and being replaced with common nettle and broad leaf dock.
- sp34a8 Mosaic of ash and sycamore plantation with abundant bluebell and *Dryopteris filix-mas* with rosebay willowherb; nettle; *Dryopteris affinis*; woodavens; red campion and ground ivy and bramble. Includes extensive areas of hawthorn scrub which are almost impenetrable and some area of semi-improved grassland. The grassland areas are dominated by *Holcus lanatus* with *Deschampsia cespitosa*; *Arrhenatherum elatius*; hogweed; yarrow; lesser knapweed; red and white clover; lesser stitchwort; common vetchling; meadow buttercup; marsh thistle; *Juncus effusus*; bird's foot trefoil and selfheal. UPDATED 30/05/2012 CFT. Front hill resevoir. Grassland has been replaced by tall ruderal and scrubbing over with bramble, rose bay willow herb and occasional grose. The remaining area is dense scrub with hawthorn, elder, grose and blackthorn with young sycamore. There are mature ash throughout transition of scrub to woodland. Ground flora in shaded areas is mostly common nettle, broad leaf dock with occasional bluebells.



BRAILES (UPPER & LOWER)

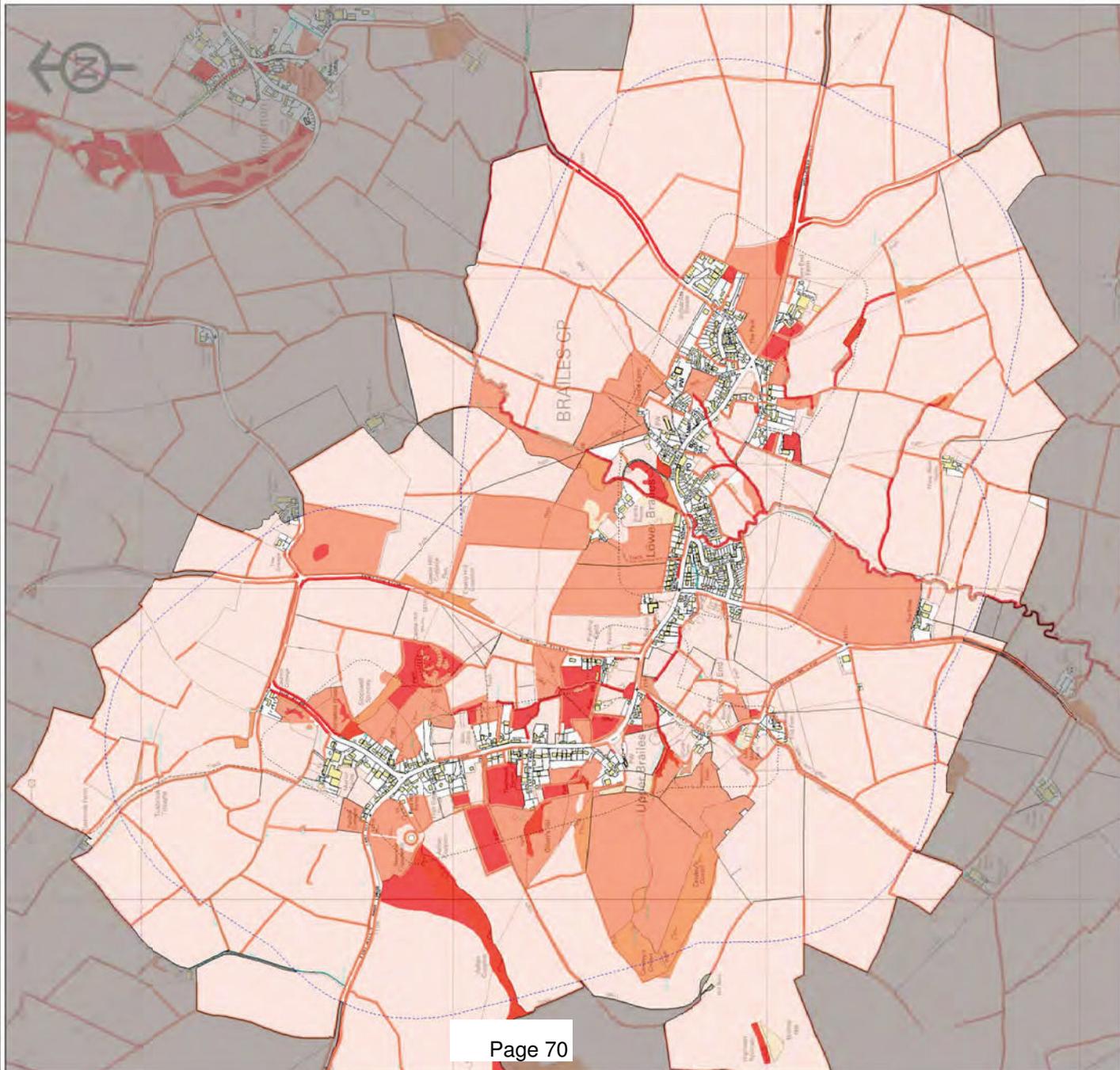


- SITES OF SPECIAL SCIENTIFIC INTEREST**
 - SSSI
- ANCIENT WOODLAND**
 - Ancient Woodland
- LOCAL WILDLIFE SITES**
 - DEFERRED SITE
 - LOCAL WILDLIFE SITE
 - POTENTIAL LOCAL WILDLIFE SITE
- LOCAL NATURE RESERVE**
 - LNR
- WARWICKSHIRE WILDLIFE TRUST RESERVES**
 - WWT Reserve
- OS DEVELOPED LAND USE AREA**
 - Settlements
- STUDY AREA**
 - 500m buffer

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BRAILES (UPPER & LOWER)

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 Email: hna@swarwickshire.gov.uk



Settlement Distinctiveness

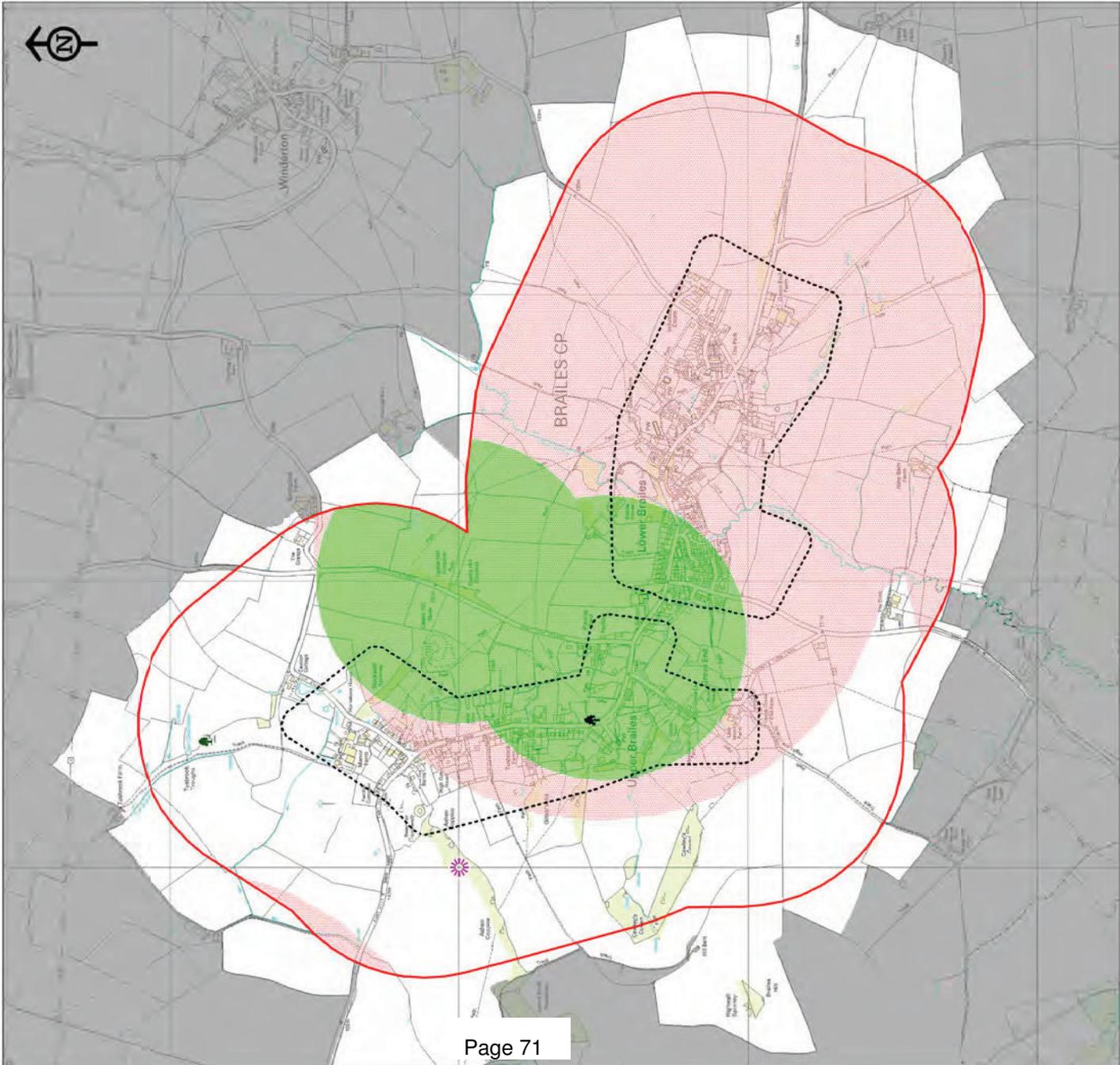
- 3: HIGH
- 2: MODERATE
- 1: LOW

OS DEVELOPED LAND USE AREA

- STUDY AREA
- 500m buffer
- Settlements

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BRAILES (UPPER & LOWER)



Species

Buffer zone for water vole or white-clawed crayfish

Buffer zone for protected amphibians and reptiles

Buffer zone for bat

Black Poplar

Veteran tree

County rare plant

STUDY AREA
 OS DEVELOPED LAND USE AREA
 500m buffer
 Settlements

Warwickshire Biological Records Centre

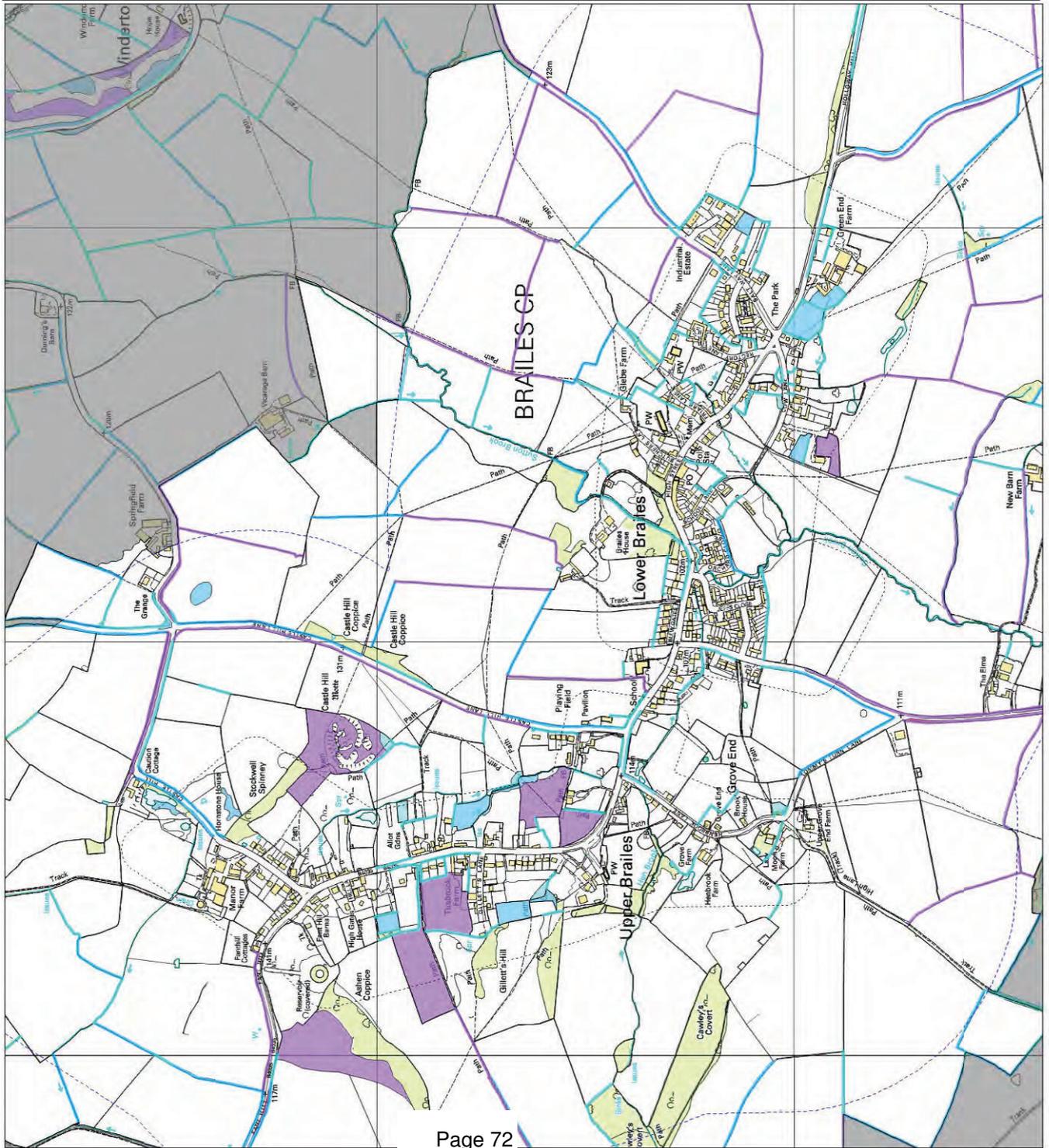


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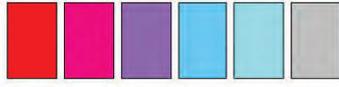


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BRAILES (UPPER & LOWER)



Grassland 1km Connectivity



- High 2,000,000 to 20,000,000
- 500,000 to 2,000,000
- 100,000 to 500,000
- 50,000 to 100,000
- Low 1 to 50,000
- NO CONNECTIVITY

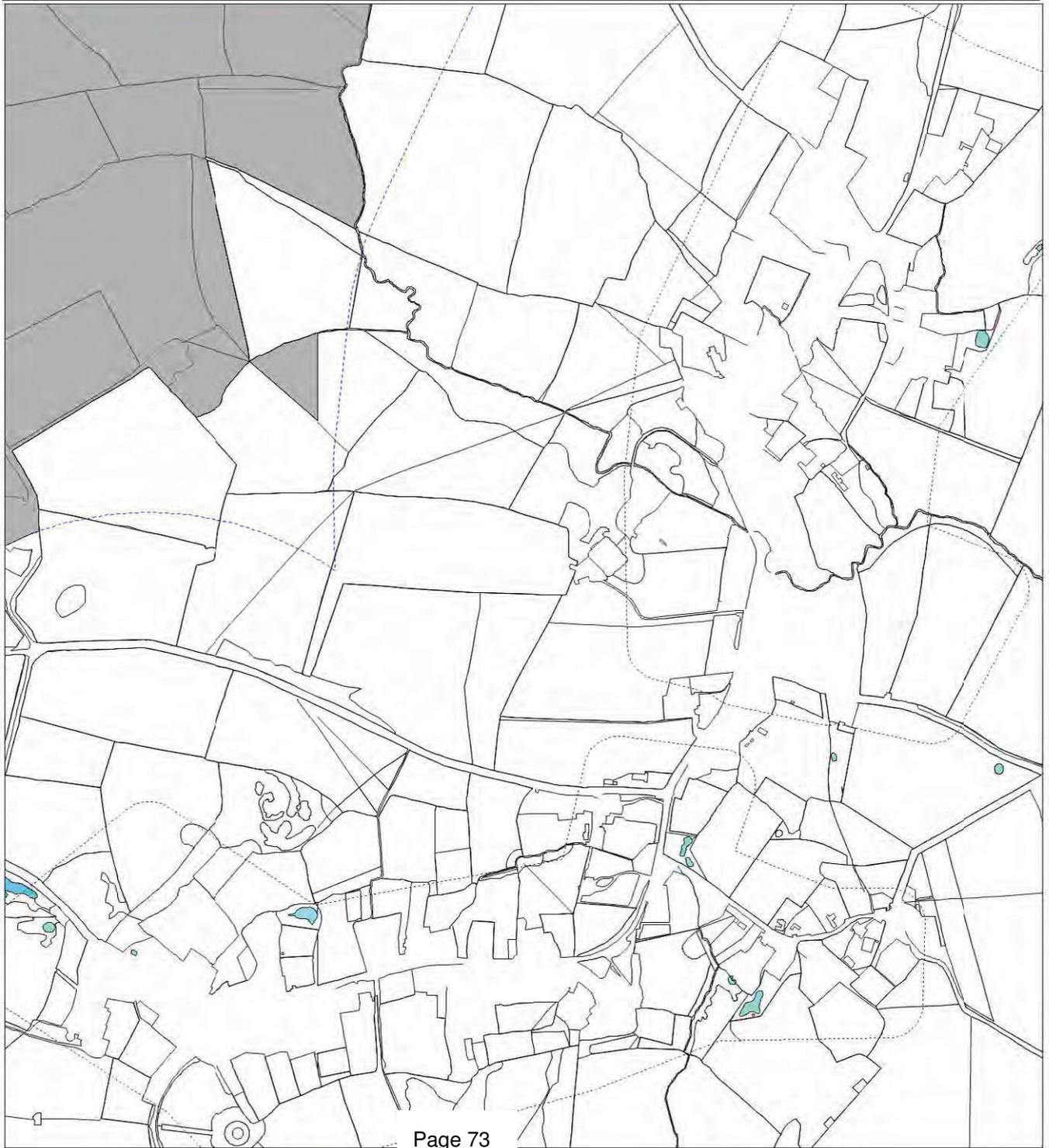


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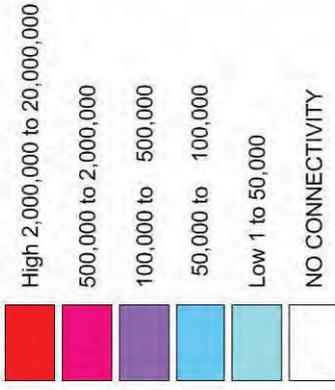
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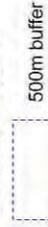
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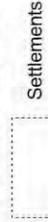
Pond 1km Connectivity



STUDY AREA

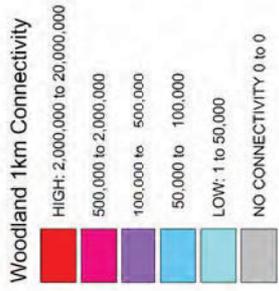
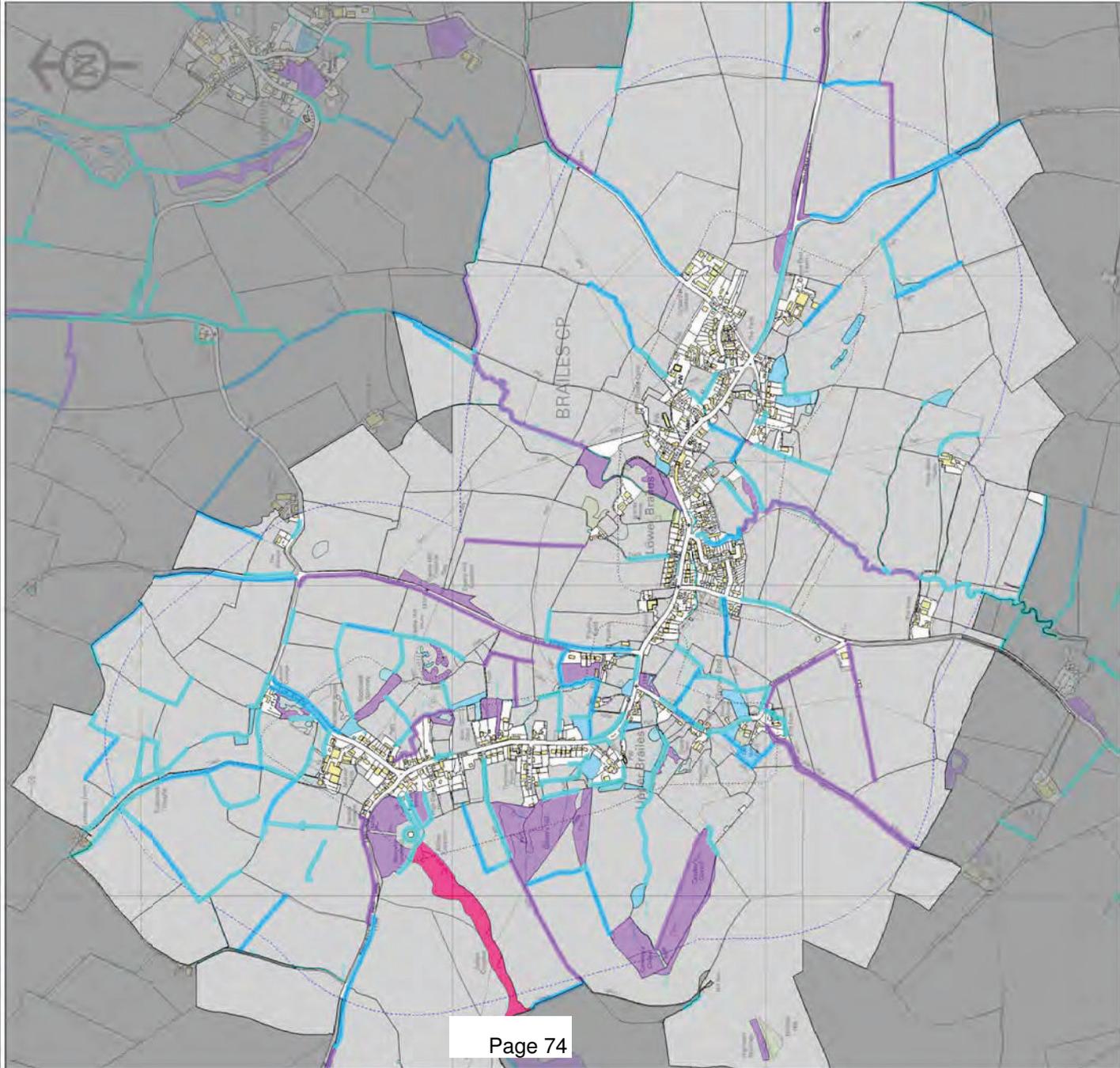


OS DEVELOPED LAND USE AREA



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Stratford-on-Avon District Council

Ecological and Geological Study of Local Service Villages

Settlement Assessment: Claverdon

Designated sites:

Status	Area in hectares	Grid ref.	Description
LWS potential sites			
SP16X6 Langley Road Meadow	3.18	SP1936	Semi-natural grasslands & marsh
SP16X2 Field	1.10	SP1896	Semi-natural grasslands & marsh
SP16X4 Breach Farm	5.00	SP1906	Semi-natural grasslands & marsh
SP26C2 Wheel Barrow Lane	3.03	SP2036	n/k
SP26C3 Wood	0.75	SP2066	Woodland & scrub
SP26C5 Meadows at Claverdon	5.14	SP2164	Semi-natural grasslands & marsh
WWT Hanging Wood Nature Reserve	12.19	SP1864	Ancient & semi-natural woodland

Key Target Notes

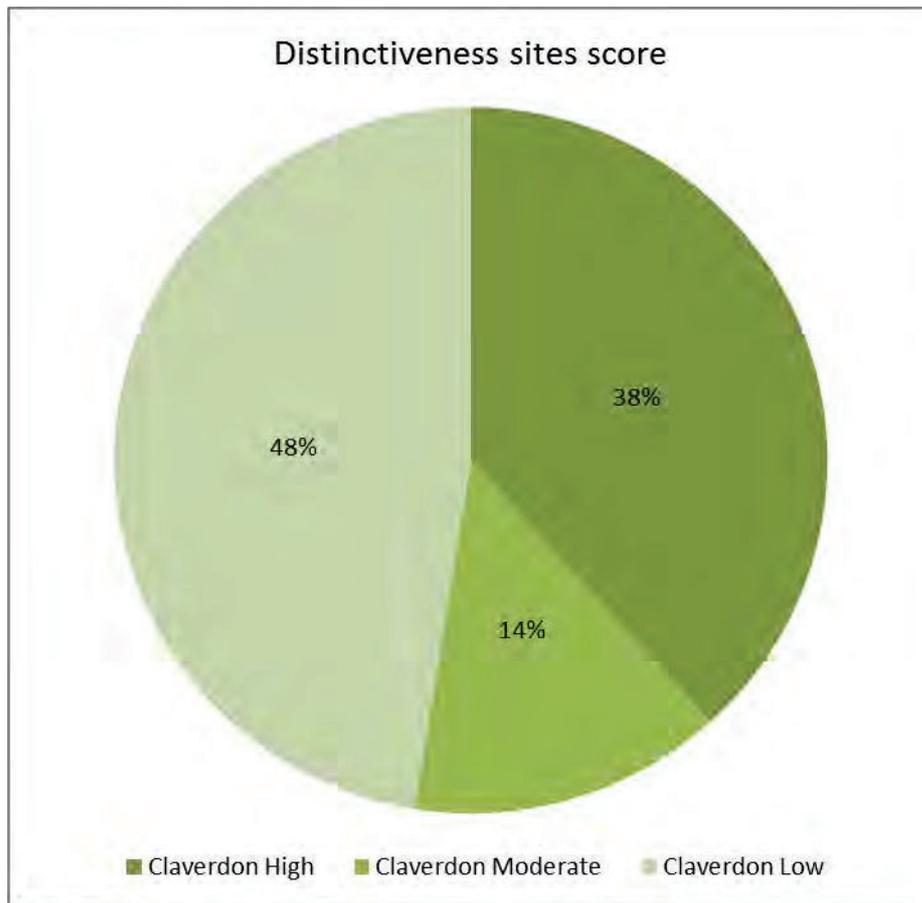
- SP16x31 – SP16x30 Breach Farm semi-improved grassland meadows
- SP26c58 – SP26c61 series of pools and a lake in hotel grounds

Habitat Description

Semi-improved grassland meadows at Breach Farm and Langley Road identified as potential local wildlife sites.

There is a scattering of ponds and a lake at the Claverdon Hotel and Country park which contribute most to the high distinctiveness of the area and to the high connectivity for ponds.

Distinctiveness Phase 1 habitats	No. of sites	Area in hectares	Score
High			
A111 Broad-leaved semi-natural woodland	10	3.27	30
B22 Semi-improved neutral grassland	13	9.64	39
B5 Marsh/marshy grassland	1	0.02	3
G1 Standing water	19	2.32	57
Sub Total	43	15.25	129
Moderate			
A112 Broad-leaved plantation	7	3.19	14
A21 Dense/continuous scrub	9	1.45	18
A22 Scattered scrub	1	0.40	3
A32 Coniferous parkland/scattered trees	2	6.62	4
B6 Semi-improved neutral grassland	5	10.13	10
Sub Total	24	21.79	49
Low			
A122 Coniferous plantation	4	3.20	4
A132 Mixed plantation	10	3.30	10
B4 Improved grassland	88	155.93	88
C31 Tall ruderal	3	0.49	6
J11 Arable	12	91.86	12
J12 Amenity grassland	43	19.50	86
Sub Total	160	274.29	206
Totals	227	311.33	384



Geological Description

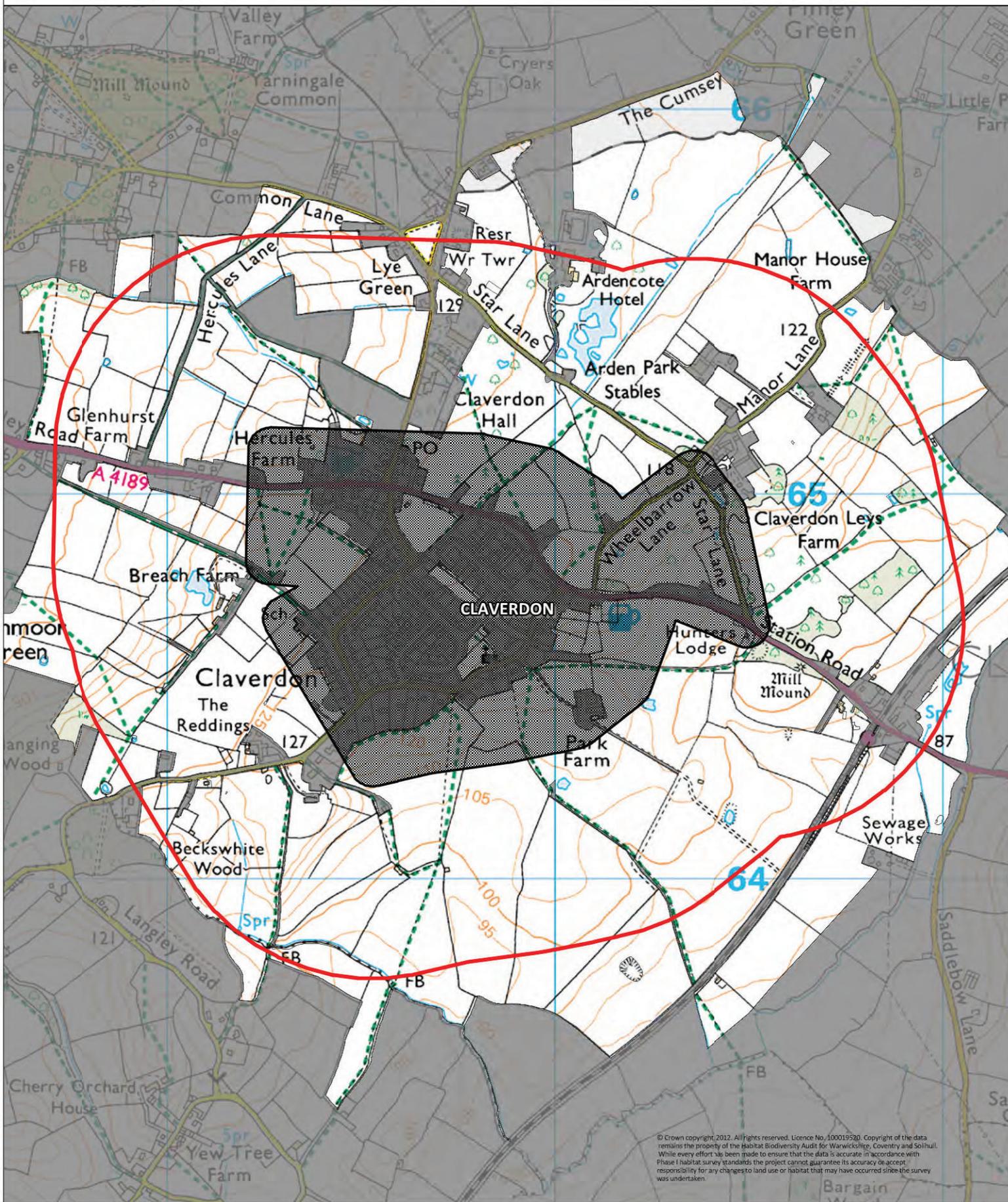
Claverdon is sited in an area of potential interest for Upper Triassic (Mercia Mudstone Group) geology. Any excavations into natural geology would be of potential interest for purposes of recording and/or museum collecting.

Protected Species

Common lizard, badger, hedgehog plus the bat species of common and soprano pipistrelle, brown long-eared and an indeterminable species have been recorded in the settlement area. In the wider area there are additional records of grass snake, whisker/brandts bat, barn owl, black poplar and butterfly species of white-letter hairstreak, small heath, dingy skipper and wall that could use habitats within the settlement area. There are additional records for rare plants including orange foptail, harsh downy-rose and small sweet-briar in the wider surrounding area.

Recommendations for Further Survey

None



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3.7 SQKM

Settlements



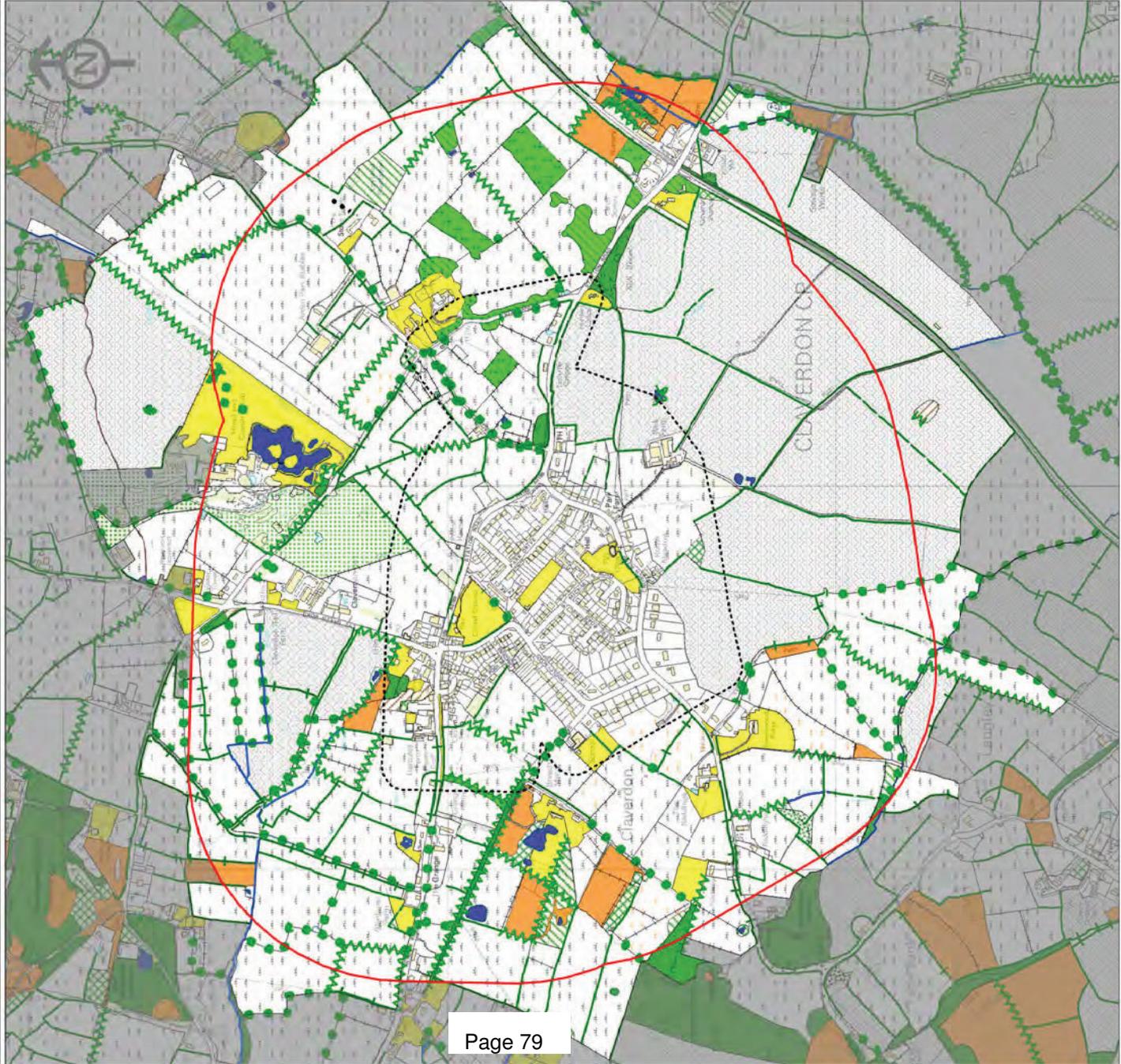
Settlements

500m Buffer



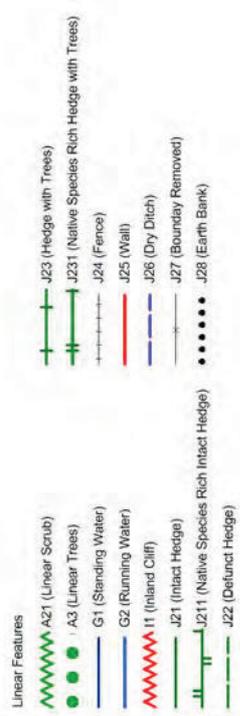
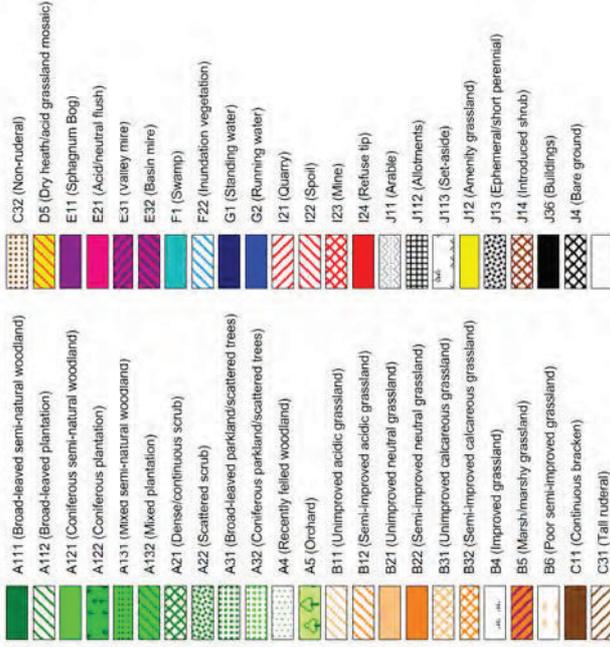
500m Buffer

CLAVERDON



PHASE 1 HABITAT SURVEY

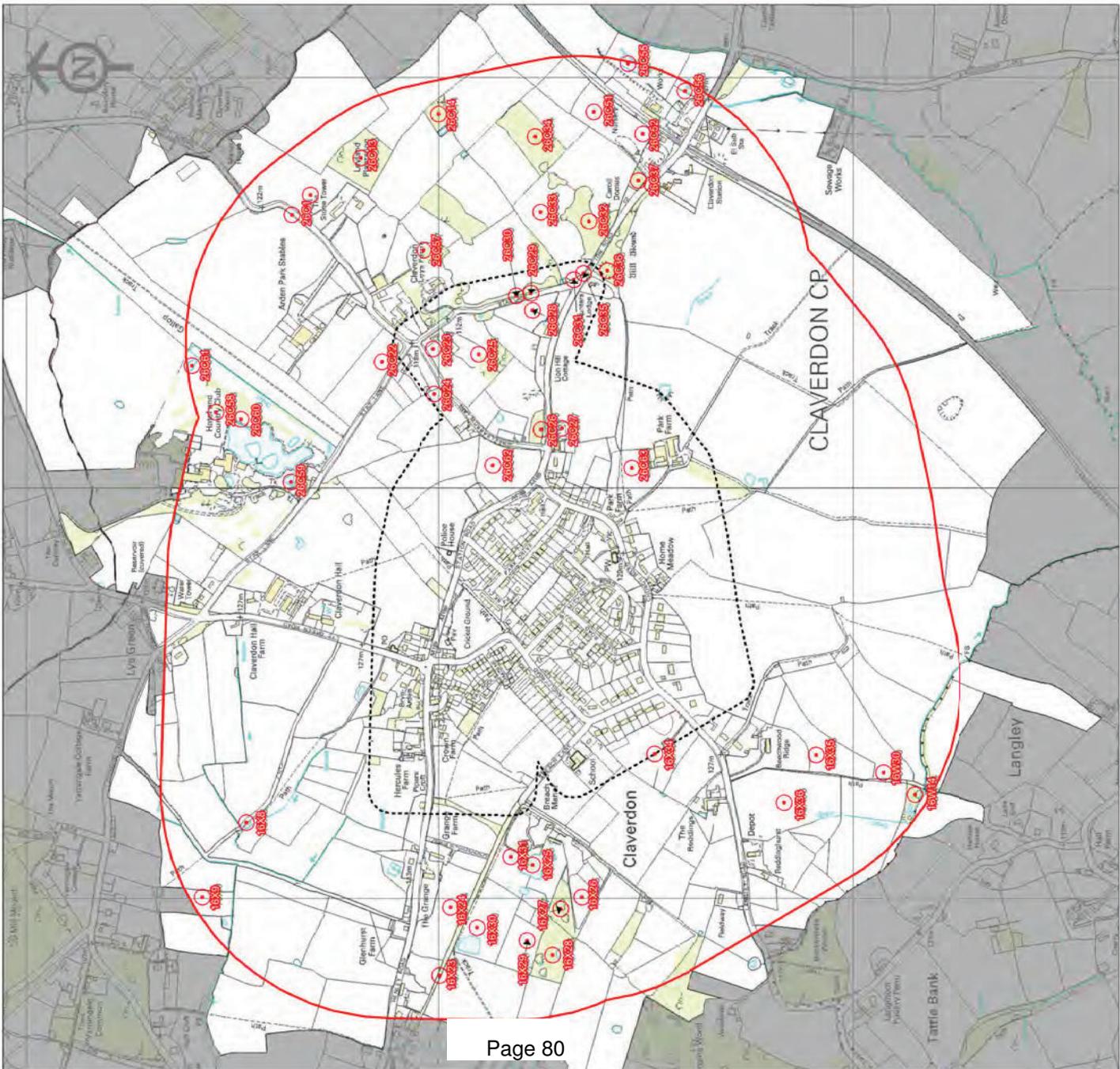
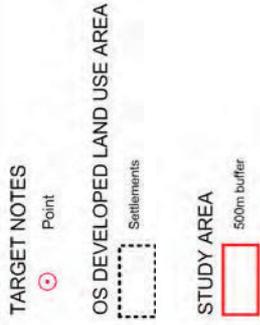
Habitat Types



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CLAVERDON



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Stratford-on-Avon District Council Ecological Villages Study

Target Notes

Claverdon

sp16w14	Small immature plantation of oak; birch; hazel; lime; hawthorn and ash. Ground flora is still an improved grassland; grasses include <i>Dactylis glomerata</i> ; <i>Holcus lanatus</i> ; <i>Deschampsia caespitosa</i> ; <i>Agrostis tenuis</i> ; <i>Alopecurus pratensis</i> ; <i>Arrhenatherum elatius</i> and <i>Phleum pratense</i> . Forbs include meadow buttercup and stitchwort.
SP16W30	Small remnant of semi-improved grassland unlike surrounding fields. Numerous ant hills, with wavy hair grass, wood melick, meadow foxtail, ladys bedstraw, birds foot trefoil.
sp16x23	Damp bridleway; muddy at the western end. The lane is bounded by occasional oak and ash standards; with hazel; hawthorn; blackthorn; field rose; holly and crab apple on top of steep banks. Elm and gean occur to the east; as does <i>Pteridium aquilinum</i> . Ivy covers several of the trees and some patches of ground. The ground flora includes <i>Dryopteris filix-mas</i> ; <i>Polypodium vulgare</i> ?; cow parsley; lords and ladies; bluebells; <i>Bromus ramosus</i> ; herb robert; arlic mustard; wood avens; lesser celandine and wintercress. Speckled wood butterflies were seen. Some of the adjacent houses at the western end dump their garden waste into the lane.
sp16x24	Unable to gain access to this meadow; but a mixture of grasses; cow parsley and sorrel were visible. Two mature ash trees appear to mark where a hedge has been removed.
sp16x25	Breach Farm: large pond; reportedly drying up; now two separate bodies of water with a fairly dry area and a <i>Typha latifolia</i> swamp between them. <i>Typha latifolia</i> is also present; along with yellow flag; on the edges of each. The larger pool also has white water lily and frogbit in it and <i>Juncus effusus</i> at its edge. Both pools are surrounded by steep banks which support <i>Dactylis glomerata</i> ; <i>Cynosurus cristatus</i> ; coltsfoot; black medick and common vetch. The smaller pool has very little open water; being largely covered by frogbit. Around this pool there are ash and oak standards. A mallard with ducklings was seen.
sp16x26	Breach Farm: unmown meadow dominated by grasses which include <i>Holcus lanatus</i> ; <i>Alopecurus pratensis</i> ; <i>Anthoxanthum odoratum</i> ; <i>Dactylis glomerata</i> and <i>Festuca</i> sp.. Forbs are rare and include ladies bedstraw and cow parsley. UPDATED 13/04/2012 by OP. Area now horse paddocks - improved grassland.
sp16x27	Breach Farm: very young broad-leaved plantation second or third year with a variety of trees; including ash; oak; gean and large-leaved lime. Tall grasses; such as <i>Alopecurus pratensis</i> ; still dominate the ground flora and forbs include occasional ladies bedstraw; rare cow parsley; pignut and creeping cinquefoil. There is some hawthorn encroachment. A snake probably a grass snake is reported to have been seen.
sp16x28	Breach Farm: very young plantation second or third year of predominantly ash; but also oak and sweet chestnut. Recent attempts to create ponds have resulted in areas of bare ground and several areas of early colonising species. Forbs are abundant here and include ox-eye daisy; common vetch; yellow vetchling; black medick; meadow buttercup; yellow rattle; bird's foot trefoil and scarlet pimpernel. Two ponds remain - both apparently drying up. Neither contain much vegetation although the southern one does have a little <i>Typha latifolia</i> and water lily. This one also contains many tadpoles. Goat's-beard occurs on its bank. Dragonflies and common blue butterflies were seen.
sp16x29	Breach Farm: ungrazed meadow dominated by grasses such as <i>Cynosurus cristatus</i> and <i>Alopecurus pratensis</i> . <i>Anthoxanthum odoratum</i> and <i>Holcus mollis</i> are also present. There is abundant black medick and frequent common vetch and meadow buttercup. Ladies bedstraw and dove'sfoot crane'sbill are rare. <i>Ophioglossum vulgatum</i> is reported.



sp16x30	Breach Farm: semi-improved meadow grazed by cattle in previous years. Grasses include Anthoxanthum odoratum; Cynosurus cristatus; Holcus lanatus and Holcus mollis. There is abundant black medick and common vetch and creeping buttercup; red clover; common sorrel; ribwort plantain and creeping thistle also occur. There is some gorse scrub along the northern edge; along with uzula sp.. There is a large; recently-dug pool in the north- eastern corner; stocked with fish. It is largely covered by frogbit and white water lily is also present. Dragonflies were seen. UPDATED 13/04/2012 by OP. Now improved grassland.
sp16x31	Breach Farm: semi-improved meadow; cut once a year. Grasses dominate and include Anthoxanthum odoratum; Alopecurus pratensis; Dactylis glomerata and Festuca sp.. Forbs are rare; but include bulbous buttercup; cow parsley; common sorrel; creeping cinquefoil and ladies bedstraw. There is one patch of lady's-smock. A small amount of hawthorn scrub is beginning to encroach and nettles are abundant at the edges. Along the driveway; maple; whitebeam and sycamore have been planted and bird's-foot trefoil is present here. Common blue butterflies were seen and grass snakes and badgers reported.
sp16x34	An apparently ungrazed meadow with grasses which include Alopecurus pratensis and Lolium sp.. There is much common vetch and meadow buttercup present.
sp16x35	Unable to gain access into this large field with large areas of dense gorse; hawthorn and dog rose scrub. It is dominated by Alopecurus pratensis; but other grasses are present. Buttercups are frequent; as is common vetch and sorrel. UPDATED 13/04/2012 by OP. No Access. Gorse scrub has been cleared, although many small plants remain. Potentially acidic.
SP16X36	Improved grassland with ridge and furrow.
sp16x8	Damp green lane with small stream piped beneath. The hedges are of tall hawthorn; blackthorn; hazel and maple; with occasional oak and ash standards. Carex pendula; cow parsley; wood avens and cleavers are present in damper areas; while bluebells; lesser celandine; lords and ladies bush vetch and Bromus ramosus are in the drier; but usually more shaded areas.
sp16x9	Meadow with abundant black medick over old ridge and furrow. Bulbous and meadow buttercups are also abundant; with frequent daisy; red clover and cow parsley. Dock is locally frequent. Grasses present include Holcus lanatus; Anthoxanthum odoratum; Alopecurus pratensis and Lolium sp.. Juncus effusus is present in the ditch at the northern edge; along with a Carex species probably Carex pendula. Field forget-me-not is frequent here don't forget. UPDATED 13/04/2012 by OP. As described, with common knapweed and wood melick.
sp26c1	Weasel sighted in rabbit burrow in
sp26c13	Broadleaf plantation of predominantly sycamore with some ash. Lined by elder scrub with understorey of hazel; elder and hawthorn. Some felling has taken place here. Ground flora includes bramble; nettle; bluebell; ground ivy; planted daffodil; lords and ladies. There is an area of continuous scrub in the south of the site and this site also contains a large rookery.
sp26c14	Coniferous plantation with understorey of hawthorn; ash and elder. Ground flora includes red campion; lords and ladies; nettle; with the open grassy area containing lesser celandine. Water feature to the west surrounded by trees with decaying crack willow. Evidence of badger.
sp26c22	Poor semi-improved grassland with frequent meadow buttercup; vetch sp.; nettle; dock; clover; dovesfoot cranesbill; woolly thistle; cleavers and Dactylis glomerata. UPDATED 24/04/2012 OP. As described with lesser celandine and common knapweed.
sp26c23	Wheelbarrow lane - interesting hedgerows of elder; hawthorn; dog rose; blackthorn; bramble; holly and ash; with ivy; cow parsley; lords and ladies; hedge bedstraw; white deadnettle; wood avens; lesser celandine; red deadnettle; dandelion; honeysuckle; dog violet; bluebell and hogweed. UPDATED 24/04/2012 OP. Hedges have grown out into scrubby, gappy linear trees covered in ivy.
sp26c24	Band of young broadleaf plantation.



Target Notes

sp26c25	Large semi-improved meadow of moderate quality with some ridge and furrow evident with frequent <i>Lolium perenne</i> ; <i>Dactylis glomerata</i> ; <i>Holcus lanatus</i> ; dock; meadow buttercup; dandelion; nettle; yarrow; crested dogs tail; woolly thistle; creeping thistle and ribwort plantain with <i>Arrhenatherum elatius</i> on the northern part of the site. There was limited access; so a detailed assessment was only carried out from the south end of the site. UPDATED 24/04/2012 OP. no access, although heavily horse grazed.
sp26c26	Semi-natural broadleaf woodland with scrub of holly and elder and isolated pine and yew. Ground flora includes dominant cow parsley with lords and ladies and ivy.
sp26c27	This site is a pub car park; but there is a strip of interesting vegetation along the periphery of the site which includes abundant cow parsley with nettle; hairy bittercress; chickweed; cleavers; ragwort; red deadnettle; shepherd's purse; milk thistle; groundsel; dandelion; dock; clover; common field speedwell; germander speedwell and sow thistle.
sp26c28	Poor semi-improved grassland.
sp26c29	Star lane - interesting verges/hedgerows; with yew; bramble; hawthorn and dog rose. Ground flora of <i>Carex pendula</i> ; nettle; hedge bedstraw; hogweed; ivy; creeping buttercup; lord and ladies; lesser celandine; herb robert; dandelion and comfrey. UPDATED 24/04/2012 OP. hedgerow has grown out into tall scrub and linear trees. Good ground flora remains.
sp26c30	Mixed plantation with frequent yew; little understorey of holly and laurel with a sparse ground flora of bluebells and <i>Carex pendula</i> .
sp26c31	Mixed plantation with very sparse understorey and ground flora of <i>Carex pendula</i> ; nettle; primrose; ivy and lords and ladies.
sp26c32	Mixed plantation with Scots pine and oak. Understorey comprising of hawthorn; blackthorn and bramble. The ground flora consists of a scattering of lords and ladies; nettle; creeping buttercup; ivy; hedge bedstraw and patches of locally abundant bluebell.
sp26c33	Open improved grassland; quite well poached in parts with a few isolated holm oak.
sp26c34	Mixed plantation with understorey of elder; blackthorn and bramble. Ground flora of nettle and grasses with hedge bedstraw.
sp26c35	New pond overshadowed by trees; surrounded by nettle; ivy and lesser celandine.
sp26c36	Semi-natural broadleaf woodland with dried up pond now colonised by young trees. Understorey of holly and elder; ground flora of lesser celandine; bluebell; lords and ladies and daffodil.
sp26c37	Mixed plantation with little understorey of bramble and holly. Ground flora of dominant ivy with occasional lords and ladies; bluebell and hedge bedstraw.
sp26c38	Roadside verge with ragwort; dog violet; cow parsley; white deadnettle; lords and ladies; hogweed; lesser celandine; ivy; hedge bedstraw; dock; spear thistle; ribwort plantain; cinquefoil sp.; snowdrop; germander speedwell and planted daffodils
sp26c51	Semi-improved grassland; normally cut for hay but uncut 1997; sward tall and rank. Contains abundant <i>Agrostis capillaris</i> ; <i>Dactylis glomerata</i> ; <i>Holcus lanatus</i> and <i>Festuca rubra</i> with occasional <i>Lolium perenne</i> and <i>Juncus effusus</i> . Broad-leaved species include abundant hogweed; common sorrel; cow parsley and yarrow; frequent lesser knapweed; meadow buttercup; meadow vetchling and lesser stitchwort; and occasional devil's-bit scabious; bush vetch and creeping cinquefoil. UPDATED 24/04/2012 OP. No access.
sp26c52	Mix of planted conifers (tree nursery) and orchard containing a variety of apple cultivars; including old trees; over improved grassland and tall herb; including ground elder; cow parsley and broad-leaved dock.



Target Notes

sp26c55	Pool created in 1992 with small island. Fringed by abundant <i>Carex acutiformis</i> ; frequent <i>Juncus</i> spp and occasional meadowsweet; water mint and <i>Typha latifolia</i> . Fed by stream containing <i>Glyceria plicata</i> and brooklime. Scattered elder and hawthorn are present. Several breeding birds reported by owners; including mallard; coot; moorhen; tufted duck and grebe. Pair of tufted duck; mallard and coot seen. Owners also report heron; kingfisher; frogs and grass-snake.
sp26c56	Stream; reputedly old mill leat; bordered by <i>Carex acutiformis</i> ; <i>Juncus</i> spp. Contains <i>Typha latifolia</i> ; <i>Glyceria plicata</i> ; <i>Callitriche stagnalis</i> and watercress.
sp26c57	Mixed plantation; including European cedar; Scot's pine; ash and holm oak: and holly; elder and hawthorn in the understorey. Groundflora includes abundant bluebell and nettle with planted daffodils; ground ivy and occasional primrose; lords and ladies and foxglove. Dried-up pond in centre with much rubbish and bamboo clump. Badger sett present (appears disused) and extensive rabbit activity.
sp26c58	Hotel fishing lake created in 1994 with two islands. Diverse marginal vegetation includes <i>Typha latifolia</i> ; <i>Juncus</i> spp.; <i>Glyceria fluitans</i> ; <i>Phragmites australis</i> ; <i>Carex riparia</i> ; butterbur and marsh marigold. Many waterfowl present.
sp26c59	Small pond surrounded by scattered hawthorn; alder; grey willow and oak. Abundant marginal; emergent and floating aquatics including <i>Carex</i> spp.; <i>Phragmites</i> ; water mint and <i>Callitriche stagnalis</i> .
sp26c60	Shallow pond (seasonal?) with <i>Glyceria maxima</i> ; <i>G. fluitans</i> and <i>Juncus</i> spp.
sp26c61	Pond with fringing oak; alder and hawthorn and marginal and emergent <i>Carex riparia</i> ;
SP26C62	Improved grassland with ridge and furrow.
SP26C63	Improved grassland with ridge and furrow.
SP26C64	Ancient earthworks in field. As with a number of other fields in this area, contains ridge and furrow.



CLAVERDON

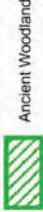


SITES OF SPECIAL SCIENTIFIC INTEREST



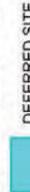
SSSI

ANCIENT WOODLAND

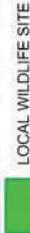


Ancient Woodland

LOCAL WILDLIFE SITES



DEFERRED SITE



LOCAL WILDLIFE SITE



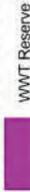
POTENTIAL LOCAL WILDLIFE SITE

LOCAL NATURE RESERVE



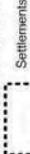
LNR

WARWICKSHIRE WILDLIFE TRUST RESERVES



WWT Reserve

OS DEVELOPED LAND USE AREA



Settlements

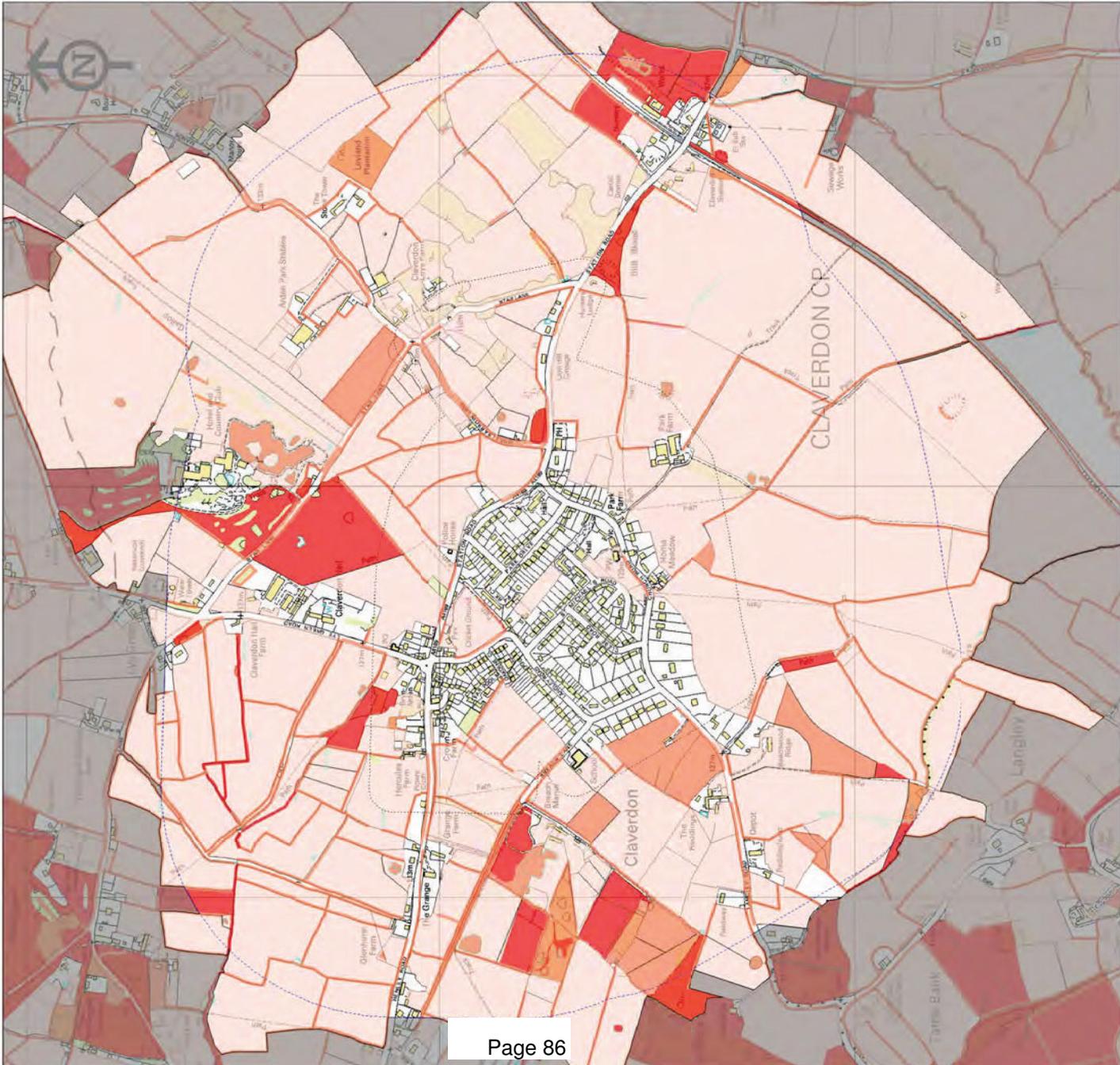
STUDY AREA



500m buffer

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CLAVERDON



Settlement Distinctiveness

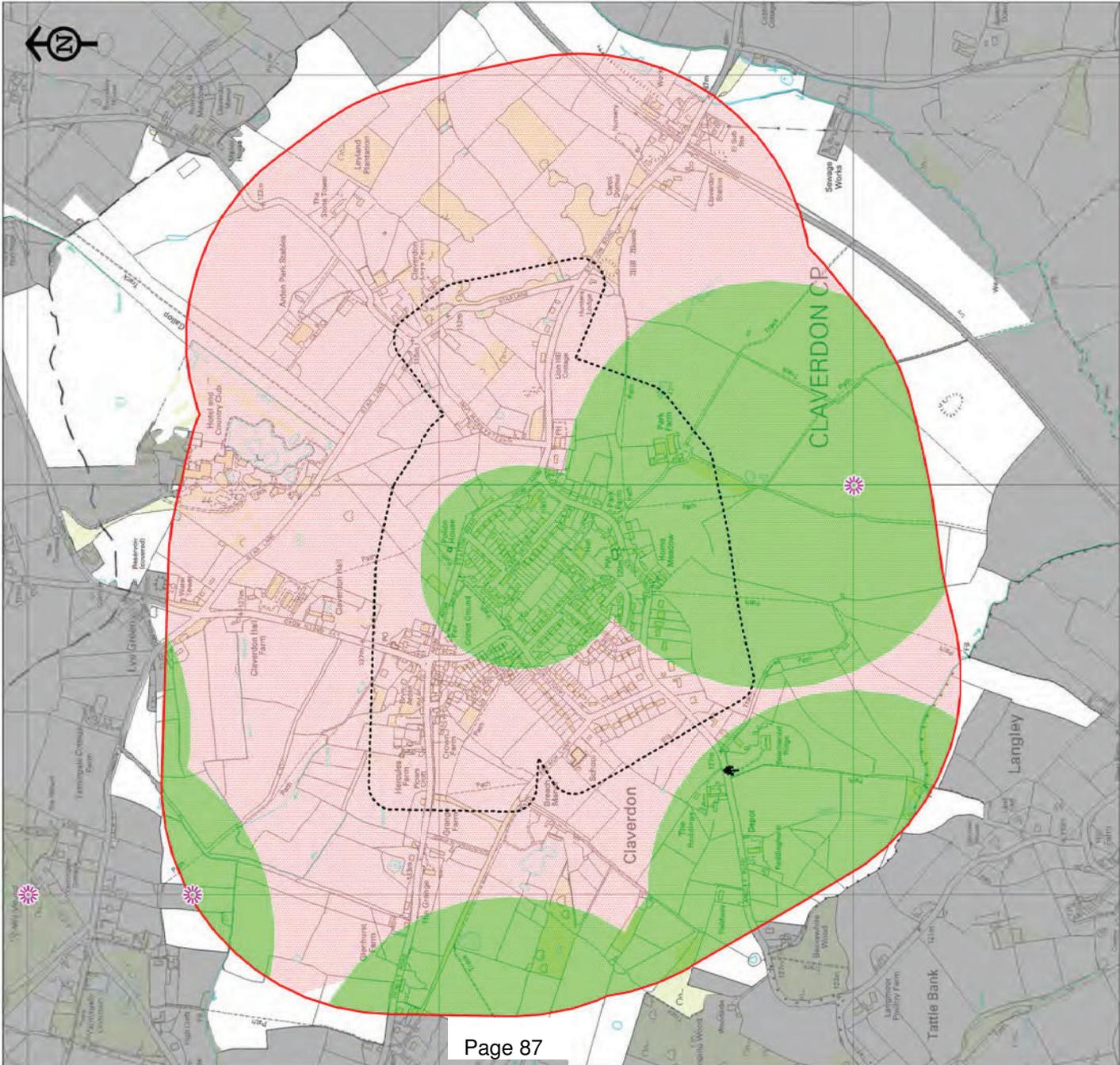
- 3: HIGH
- 2: MODERATE
- 1: LOW

OS DEVELOPED LAND USE AREA

- STUDY AREA
- 500m buffer
- Settlements

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CLAVERDON



Species

Buffer zone for water vole or white-clawed crayfish

Buffer zone for protected amphibians and reptiles

Buffer zone for bat

Black Poplar

Veteran tree

County rare plant

Warwickshire Biological Records Centre

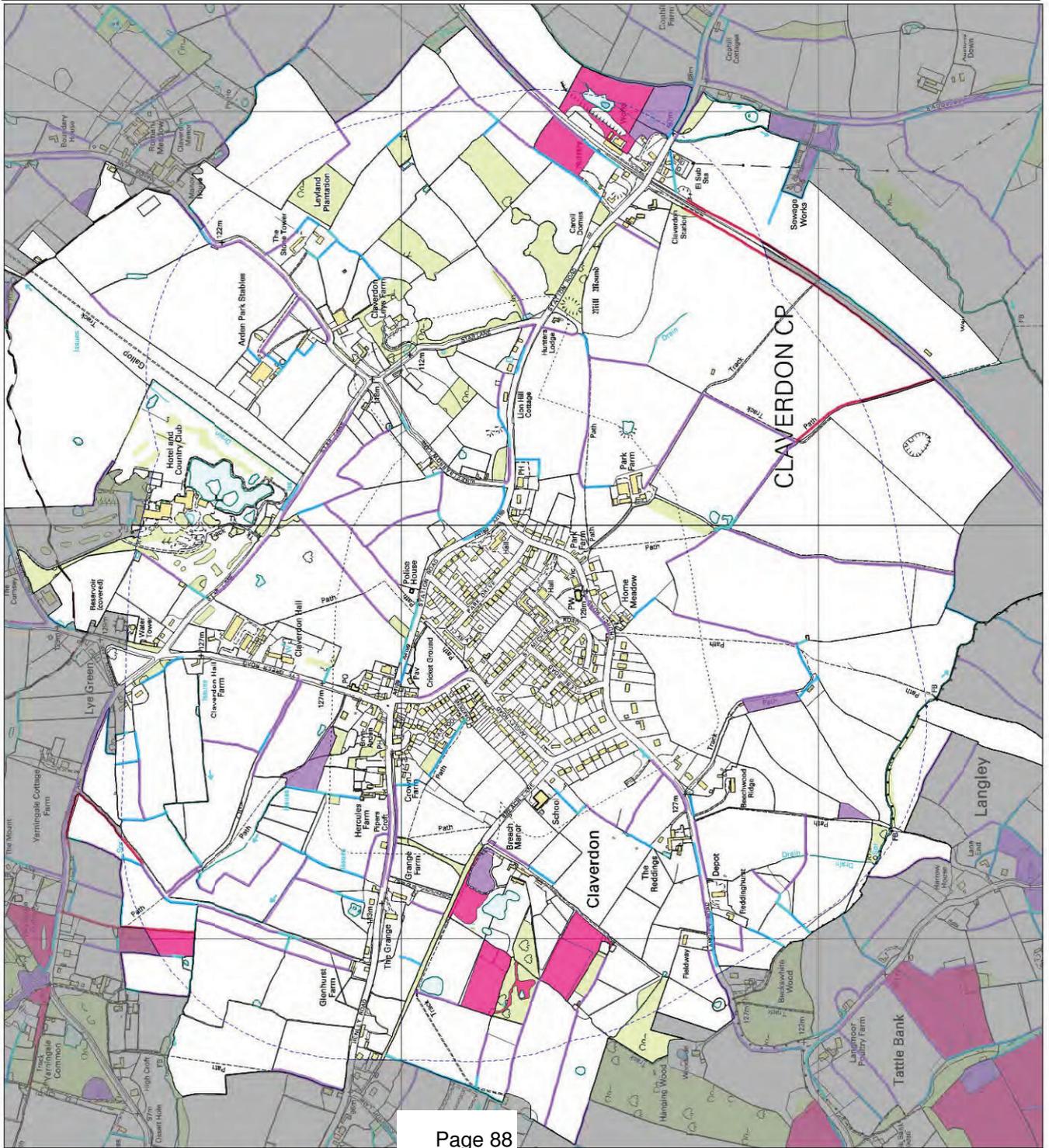


STUDY AREA 500m buffer OS DEVELOPED LAND USE AREA Settlements

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CLAVERDON



Grassland 1km Connectivity

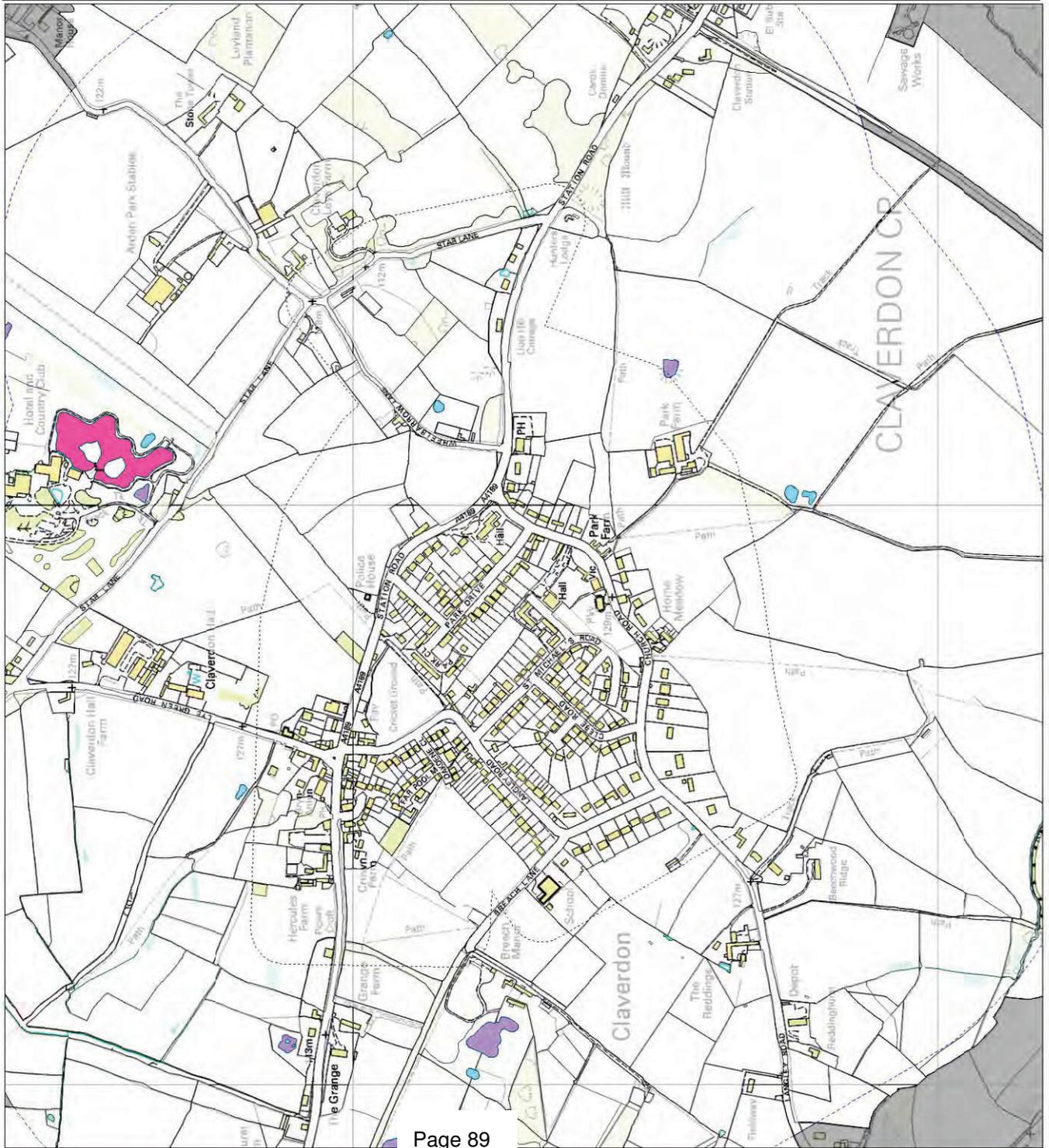


- High 2,000,000 to 20,000,000
- 500,000 to 2,000,000
- 100,000 to 500,000
- 50,000 to 100,000
- Low 1 to 50,000
- NO CONNECTIVITY

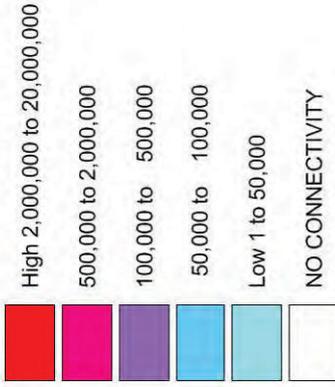




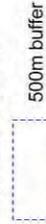
CLAVERDON



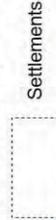
Pond 1km Connectivity



STUDY AREA

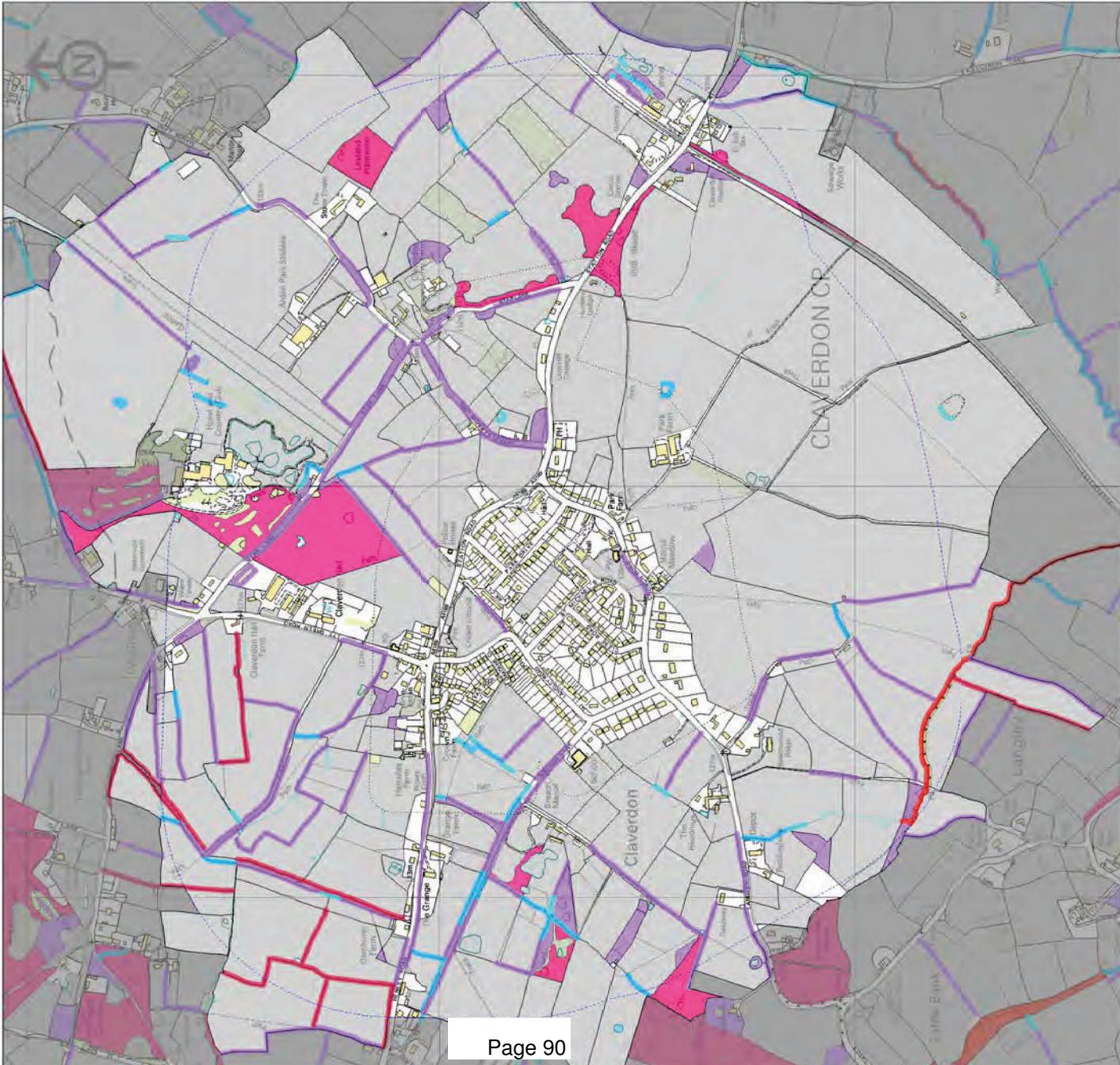


OS DEVELOPED LAND USE AREA



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CLAVERDON



Woodland 1km Connectivity

- HIGH: 2,000,000 to 20,000,000
- 500,000 to 2,000,000
- 100,000 to 500,000
- 50,000 to 100,000
- LOW: 1 to 50,000
- NO CONNECTIVITY 0 to 0

STUDY AREA
 500m buffer

OS DEVELOPED LAND USE AREA
 Settlements

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Stratford-on-Avon District Council

Ecological and Geological Study of Local Service Villages

Settlement Assessment: Clifford Chambers

Designated sites:

Status:	Area in hectares	Grid ref.	Description
LWS potential site River Stour	78.73	Sp2544	Water courses and water bodies

Key Target Notes

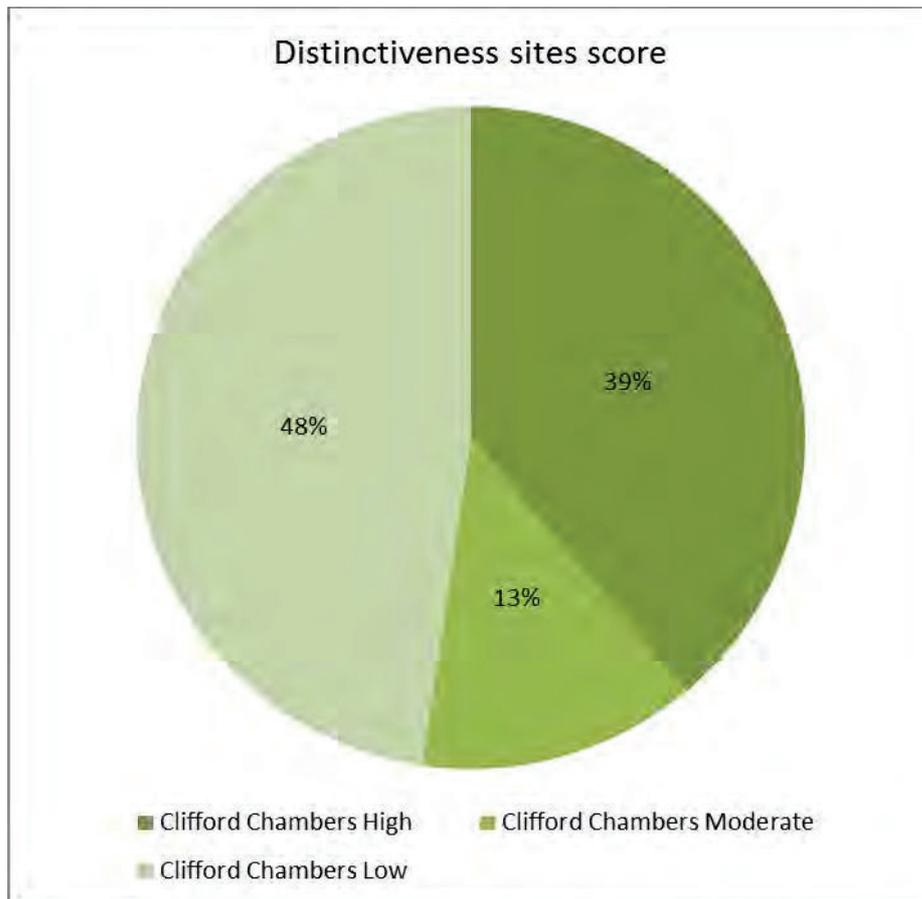
- SP15w20 and SP25a8 River Stour flood plain meadows

Habitat Descriptions

Habitats associated with the River Stour including flood plain meadows. Otherwise the area is mostly improved grassland and amenity grassland

Distinctiveness Phase 1 habitats	No. of sites	Area in hectares	Score
High			
A111 Broad-leaved semi-natural woodland	8	1.71	24
B22 Semi-improved neutral grassland	1	0.59	3
B5 Marsh/marshy grassland	1	3.32	3
F1 Swamp	1	0.01	3
G1 Standing water	8	0.56	24
G2 Running water	6	2.51	18
Sub Total	25	8.71	75
Moderate			
A112 Broad-leaved plantation	5	0.86	10
A21 Dense/continuous scrub	2	0.22	4
B6 Semi-improved neutral grassland	5	4.34	10
J112 Allotments	1	0.42	2
Sub Total	13	5.84	26
Low			
A122 Coniferous plantation	2	0.11	2
A132 Mixed plantation	7	4.54	7
B4 Improved grassland	40	68.26	40
C31 Tall ruderal	4	0.99	8
I24 Refuse tip	1	0.11	1
J11 Arable	15	115.10	15

J12 Amenity grassland	22	7.55	44
J4 Bare ground	1	0.78	1
Sub Total	92	197.44	118
Totals	130	211.98	219



Geological Description

Clifford Chambers is sited in an area of potential interest for Upper Triassic – Lower Jurassic geology and overlying superficial (Quaternary) deposits. Any excavations into natural geology would be of potential interest for purposes of recording and/or museum collecting.

Protected Species

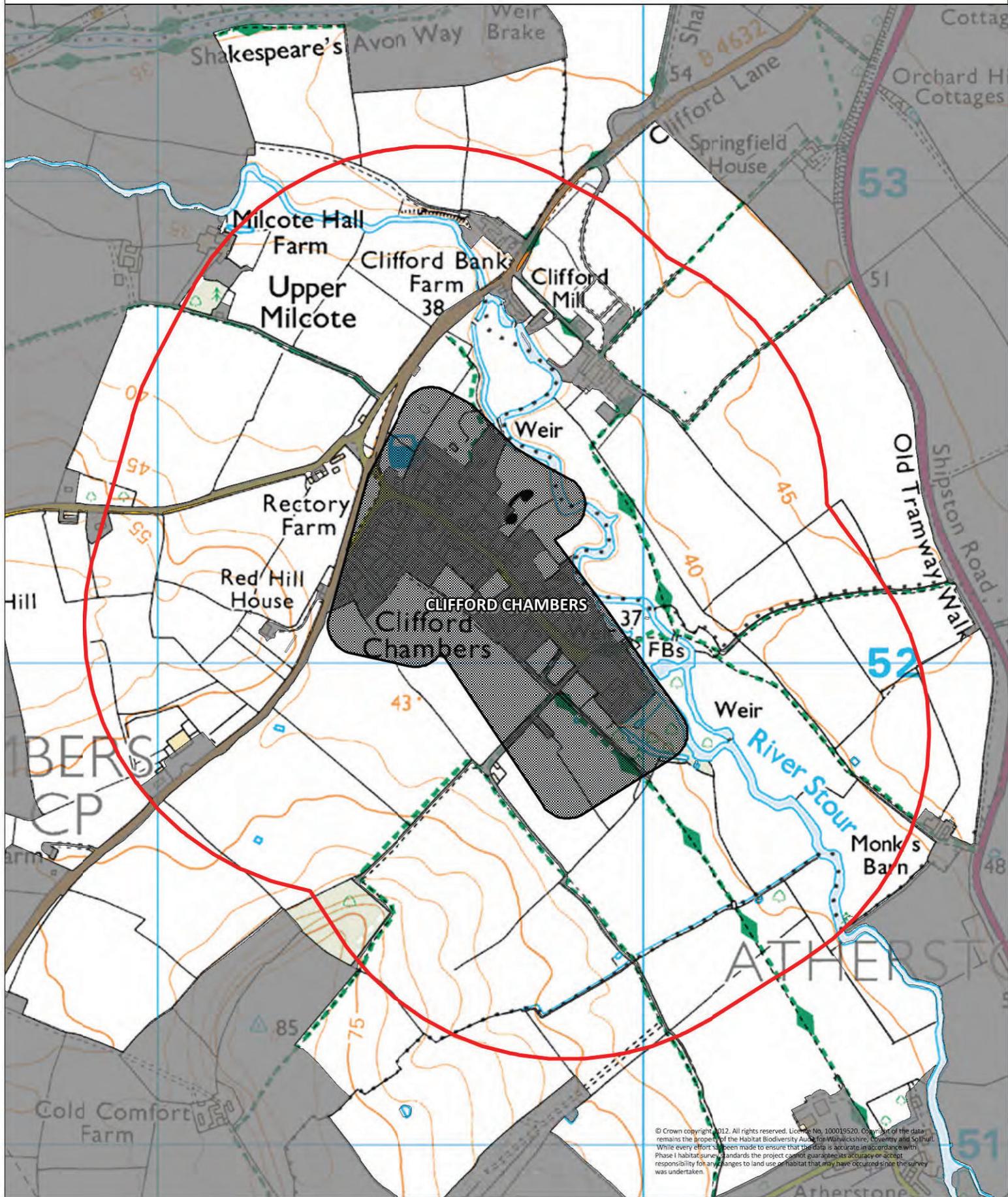
Slow worm and badger plus pipistrelle and an indeterminable bat have been recorded in the settlement area. In the wider area there are additional records of otter, white-letter hairstreak butterfly, otter and noctule bat that could use habitats within the settlement area. There are additional records for rare plants including spear-leaved willowherb, cat mint and common calamint in the wider surrounding area.

Recommendations for Further Survey

- River Stour



CLIFFORD CHAMBERS



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2.4 SQKM

Settlements



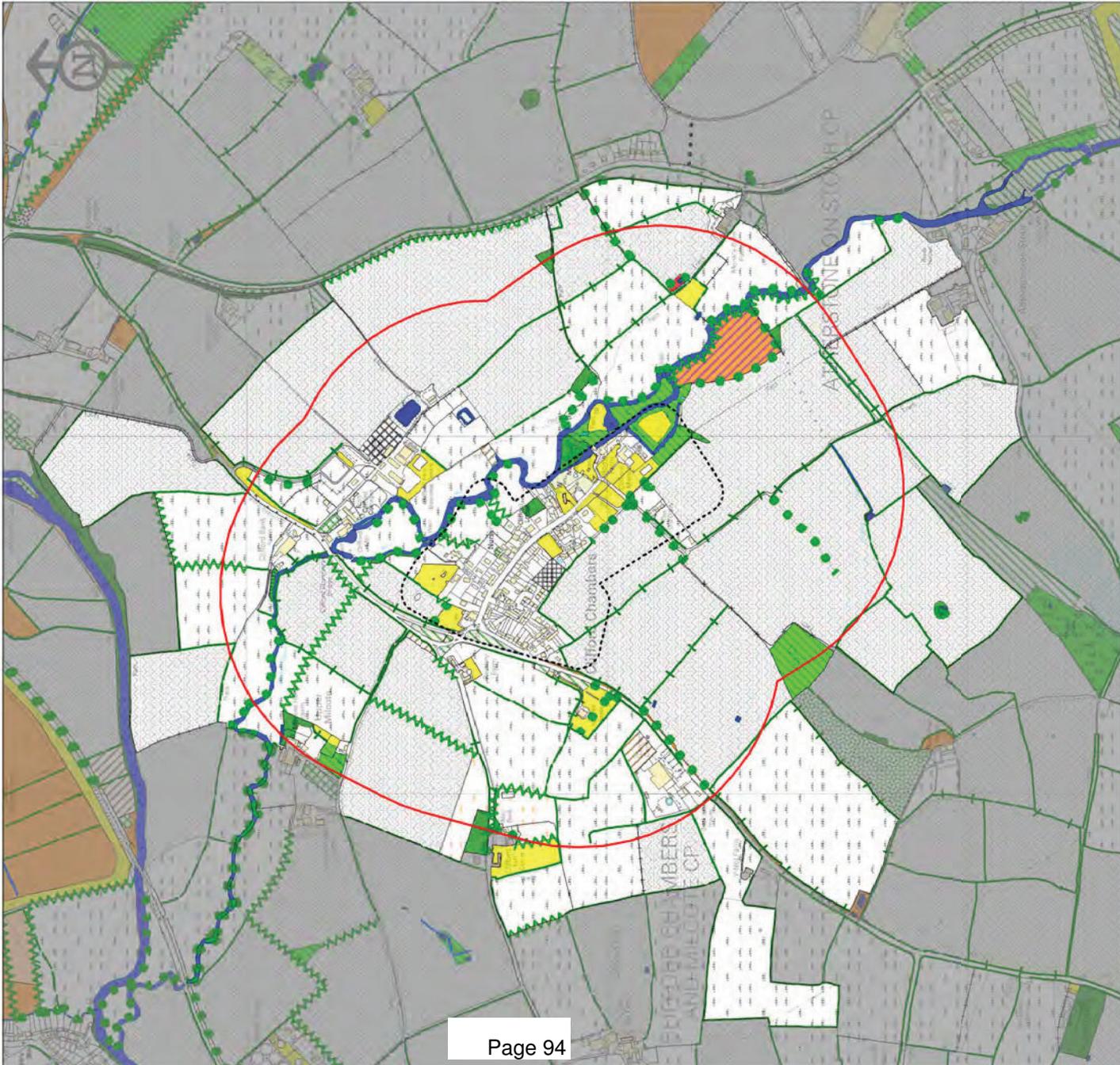
Settlements

500m Buffer



500m Buffer

CLIFFORD CHAMBERS



PHASE 1 HABITAT SURVEY

Habitat Types

	A111 (Broad-leaved semi-natural woodland)
	A112 (Broad-leaved plantation)
	A121 (Coniferous semi-natural woodland)
	A122 (Coniferous plantation)
	A131 (Mixed semi-natural woodland)
	A132 (Mixed plantation)
	A21 (Dense/continuous scrub)
	A22 (Scattered scrub)
	A31 (Broad-leaved parkland/scattered trees)
	A32 (Coniferous parkland/scattered trees)
	A4 (Recently felled woodland)
	A5 (Orchard)
	B11 (Unimproved acidic grassland)
	B12 (Semi-improved acidic grassland)
	B21 (Unimproved neutral grassland)
	B22 (Semi-improved neutral grassland)
	B31 (Unimproved calcareous grassland)
	B32 (Semi-improved calcareous grassland)
	B4 (Improved grassland)
	B5 (Marsh/marshy grassland)
	B6 (Poor semi-improved grassland)
	C11 (Continuous bracken)
	C31 (Tall ruderal)

	C32 (Non-ruderal)
	D5 (Dry heath/acid grassland mosaic)
	E11 (Sphagnum Bog)
	E21 (Acid/neutral flush)
	E31 (Valley mire)
	E32 (Basin mire)
	F1 (Swamp)
	F22 (Inundation vegetation)
	G1 (Standing water)
	G2 (Running water)
	I21 (Quarry)
	I22 (Spoil)
	I23 (Mire)
	I24 (Refuse tip)
	J11 (Arable)
	J112 (Allotments)
	J113 (Set-aside)
	J12 (Amenity grassland)
	J13 (Ephemeral/short perennial)
	J14 (Introduced shrub)
	J36 (Buildings)
	J4 (Bare ground)

Linear Features

	A21 (Linear Scrub)
	A3 (Linear Trees)
	G1 (Standing Water)
	G2 (Running Water)
	I1 (Inland Cliff)
	J21 (Intact Hedge)
	J211 (Native Species Rich Intact Hedge)
	J22 (Defunct Hedge)
	J23 (Hedge with Trees)
	J231 (Native Species Rich Hedge with Trees)
	J24 (Fence)
	J25 (Wall)
	J26 (Dry Ditch)
	J27 (Boundary Removed)
	J28 (Earth Bank)

STUDY AREA

500m buffer

OS DEVELOPED LAND USE AREA

Settlements

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CLIFFORD CHAMBERS

TARGET NOTES

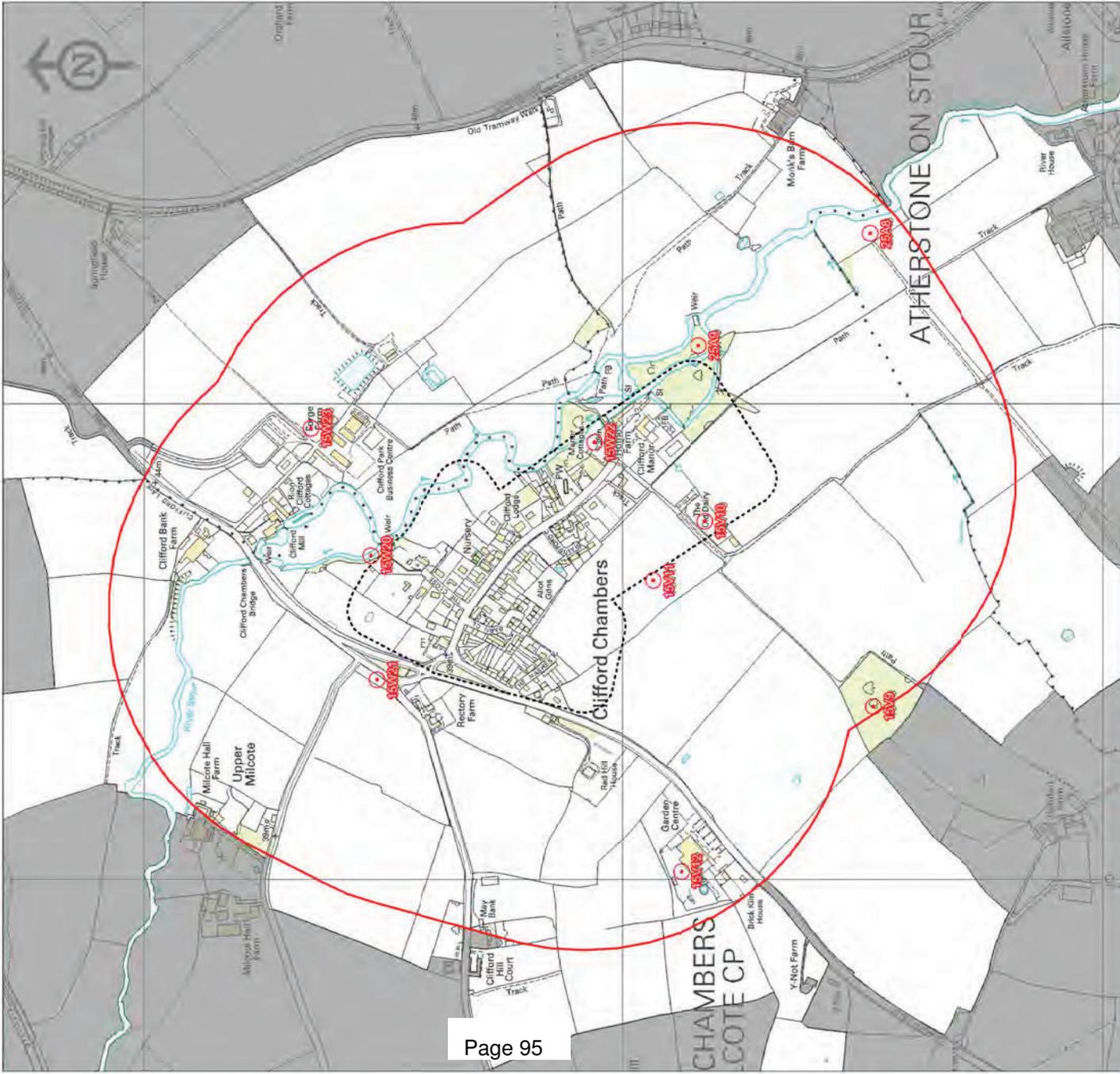
- Point

OS DEVELOPED LAND USE AREA

- Settlements

STUDY AREA

- 500m buffer



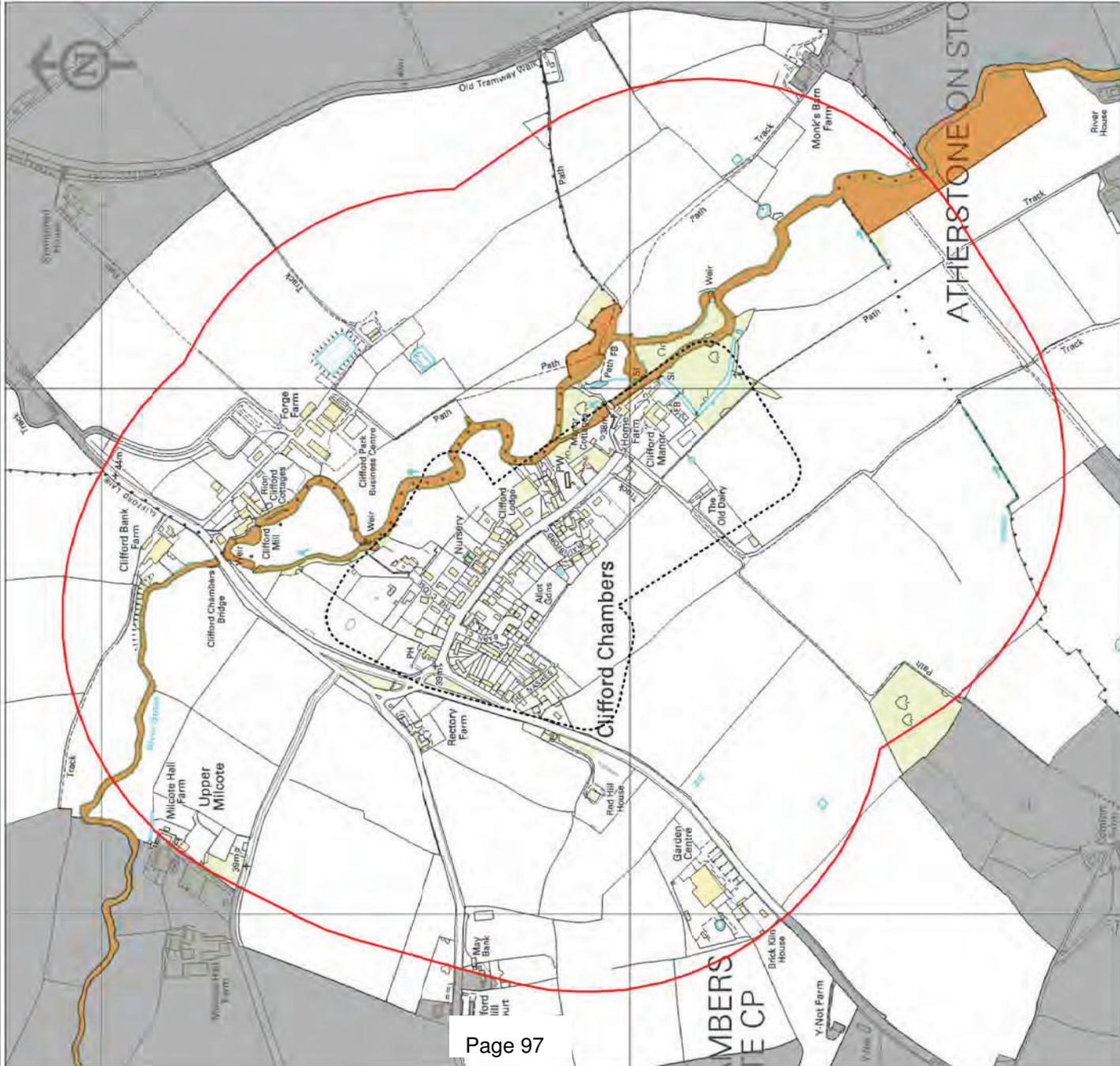
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Clifford Chambers

sp15v10	Small area of semi-improved grassland possibly on the site of an old orchard; with some young apple trees recently planted. The grasses are dominated by <i>Arrhenatherum elatius</i> and <i>Dactylis glomerata</i> with occasional patches of <i>Elytrigia repens</i> . Broad-leaved dock and hogweed are found throughout.
sp15v11	Arable field - currently set aside.
sp15v12	Poor semi-improved grassland not recently grazed or cut and dominated by <i>Arrhenatherum elatius</i> with frequent <i>Dactylis glomerata</i> and cow parsley. White dead-nettle and hogweed are common along the hedgerows. UPDATED 21/05/2012 OP. Aea destroyed by development.
sp15v9	Mixed plantation woodland on the site of an older cleared wood; with some mature oaks remaining. The replanted wood contains conifers and some oak and beech; with a patchy understory of young ash and frequent elm suckers.
sp15w20	River Stour; riverside vegetation includes greater willowherb; nettle; dog rose; elder; teasel; blackthorn; <i>Rumex</i> sp.; angelica; ivy; hawthorn; woodavens; <i>Arrhenatherum elatius</i> ; white deadnettle; hedge bedstraw and hawkweed. Quite diverse.
sp15w21	Area of poor overgrown semi-improved wasteland with <i>Rumex</i> sp.; nettle; bramble; <i>Taraxacum</i> sp.; spear thistle; elder; mugwort; hogweed and privet.
sp15w22	Pool with semi-improved vegetation at south end. Species present include teasel; <i>Rumex</i> sp.; hogweed; bindweed; rosebay willowherb; creeping thistle; cowparsley; nettle; <i>Typha latifolia</i> ; ivy and coltsfoot.
sp15w23	Poor semi-improved grassland. UPDATED 21/05/2012 OP. Now bare ground.
sp25a8	Poor semi-improved old flood meadow dominated by <i>Poa pratensis</i> and <i>Cynosurus cristatus</i> with <i>Dactylis glomerata</i> and occasional <i>Festuca rubra</i> and <i>Agrostis tenuis</i> . There are few forbs other than occasional cow parsley; bulbous and creeping buttercup and nettle. Frequent giant puffball and field mushroom.
sp25a9	Mixed plantation and arboretum including Scot's pine; larch; horse chestnut; willow; beech; ash and more exotic species over improved and amenity grassland.



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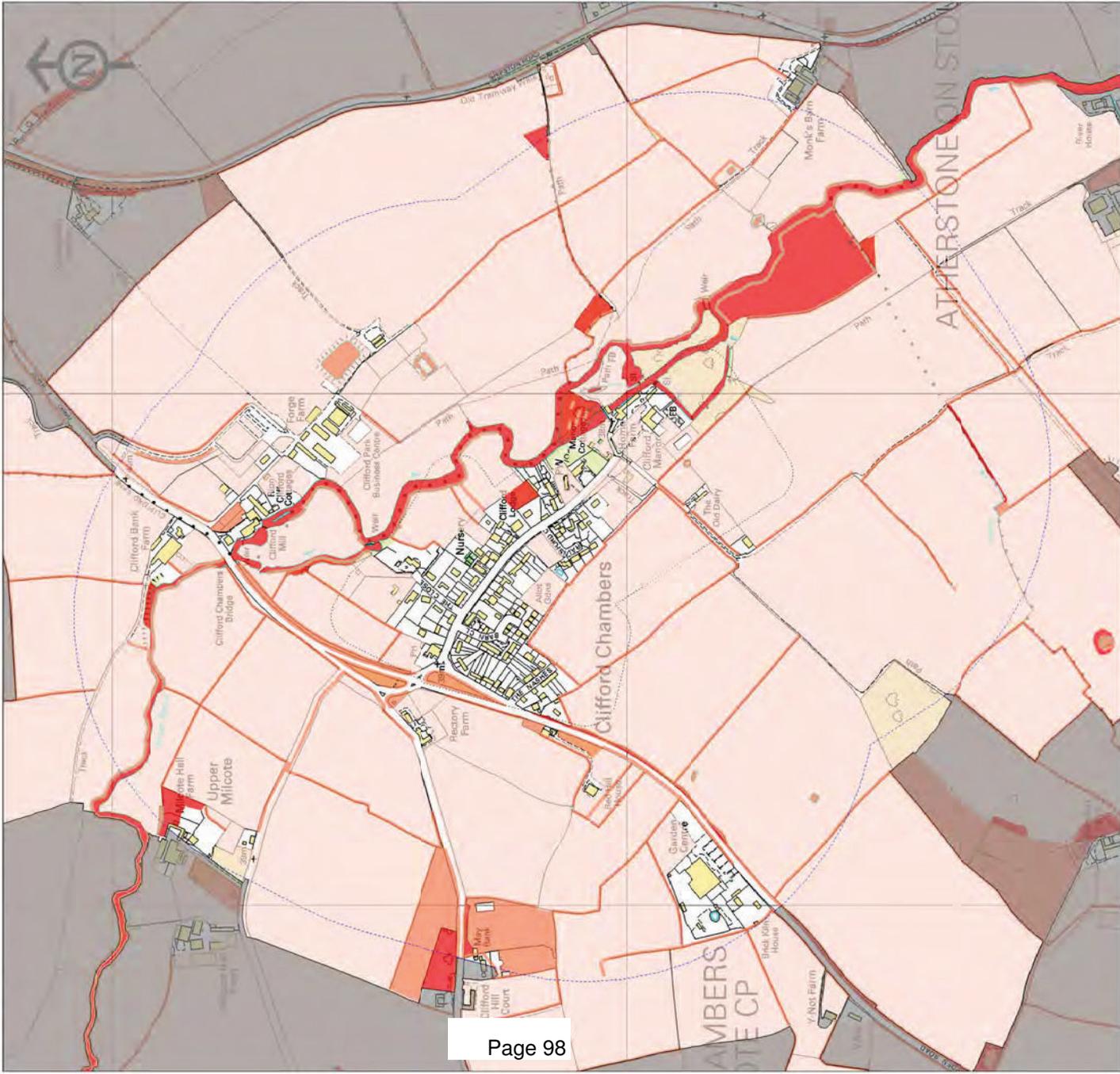
- SITES OF SPECIAL SCIENTIFIC INTEREST**
 SSSI
- ANCIENT WOODLAND**
 Ancient Woodland
- LOCAL WILDLIFE SITES**
 DEFERRED SITE
 LOCAL WILDLIFE SITE
 POTENTIAL LOCAL WILDLIFE SITE
- LOCAL NATURE RESERVE**
 LNR
- WARWICKSHIRE WILDLIFE TRUST RESERVES**
 WWT Reserve
- OS DEVELOPED LAND USE AREA**
 Settlements
- STUDY AREA**
 500m buffer

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Settlement Distinctiveness

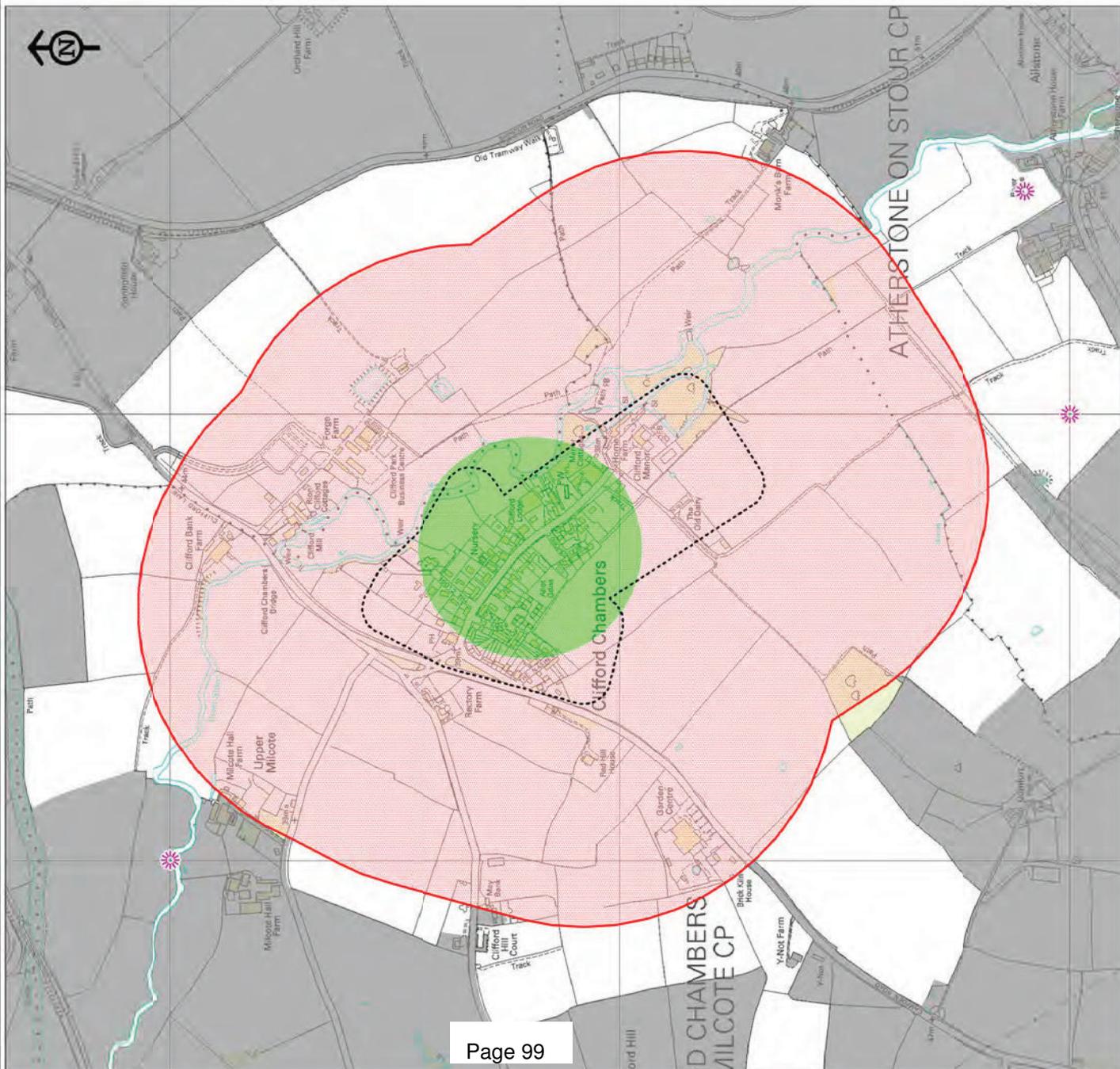
- 3: HIGH
- 2: MODERATE
- 1: LOW

OS DEVELOPED LAND USE AREA

- STUDY AREA
- 500m buffer
- Settlements

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Species

Buffer zone for water vole or white-clawed crayfish

Buffer zone for protected amphibians and reptiles

Buffer zone for bat

Black Poplar

Veteran tree

County rare plant

STUDY AREA
 OS DEVELOPED LAND USE AREA
 500m buffer
 Settlements

Warwickshire Biological Records Centre

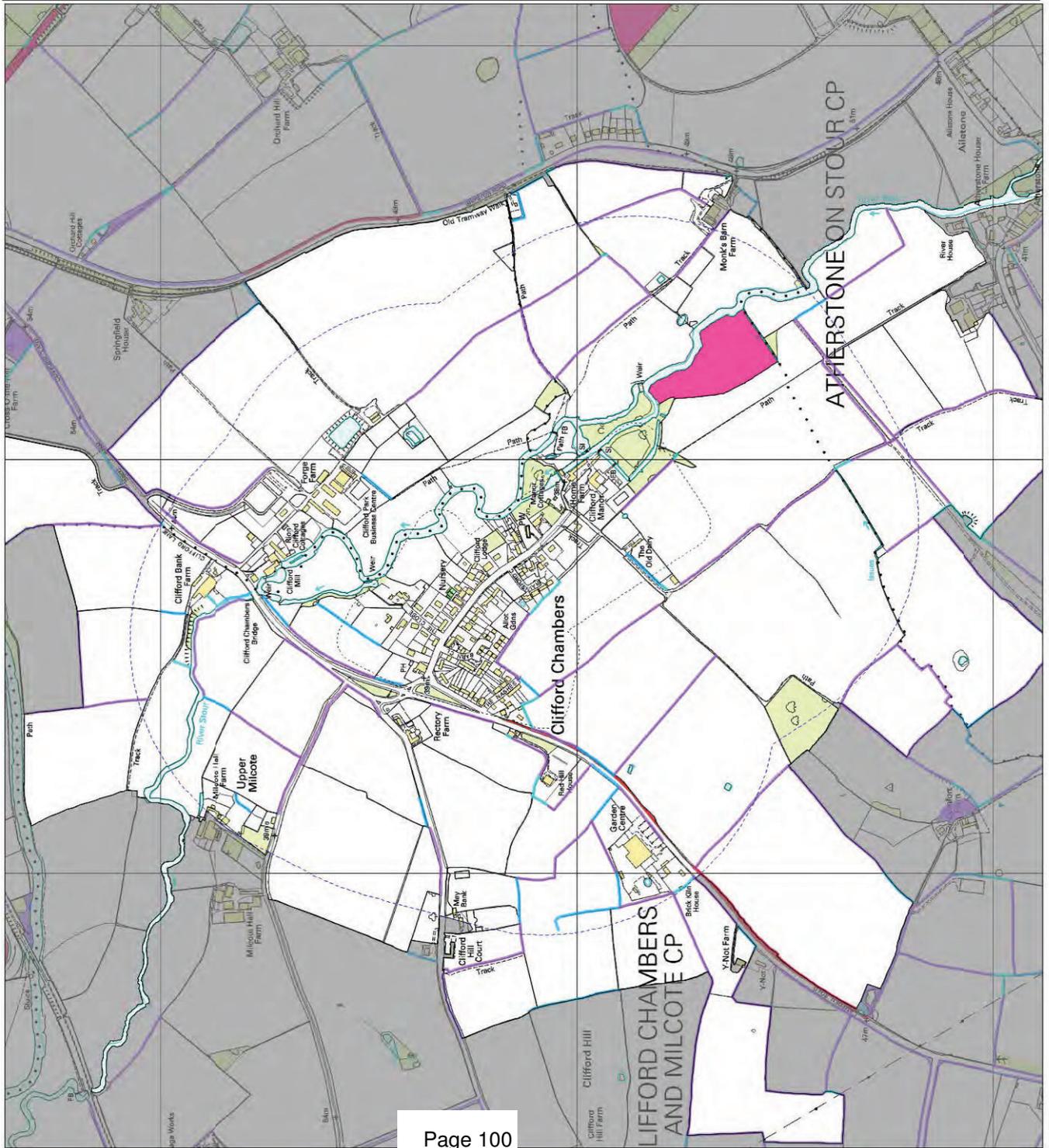


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Grassland 1km Connectivity



High 2,000,000 to 20,000,000

500,000 to 2,000,000

100,000 to 500,000

50,000 to 100,000

Low 1 to 50,000

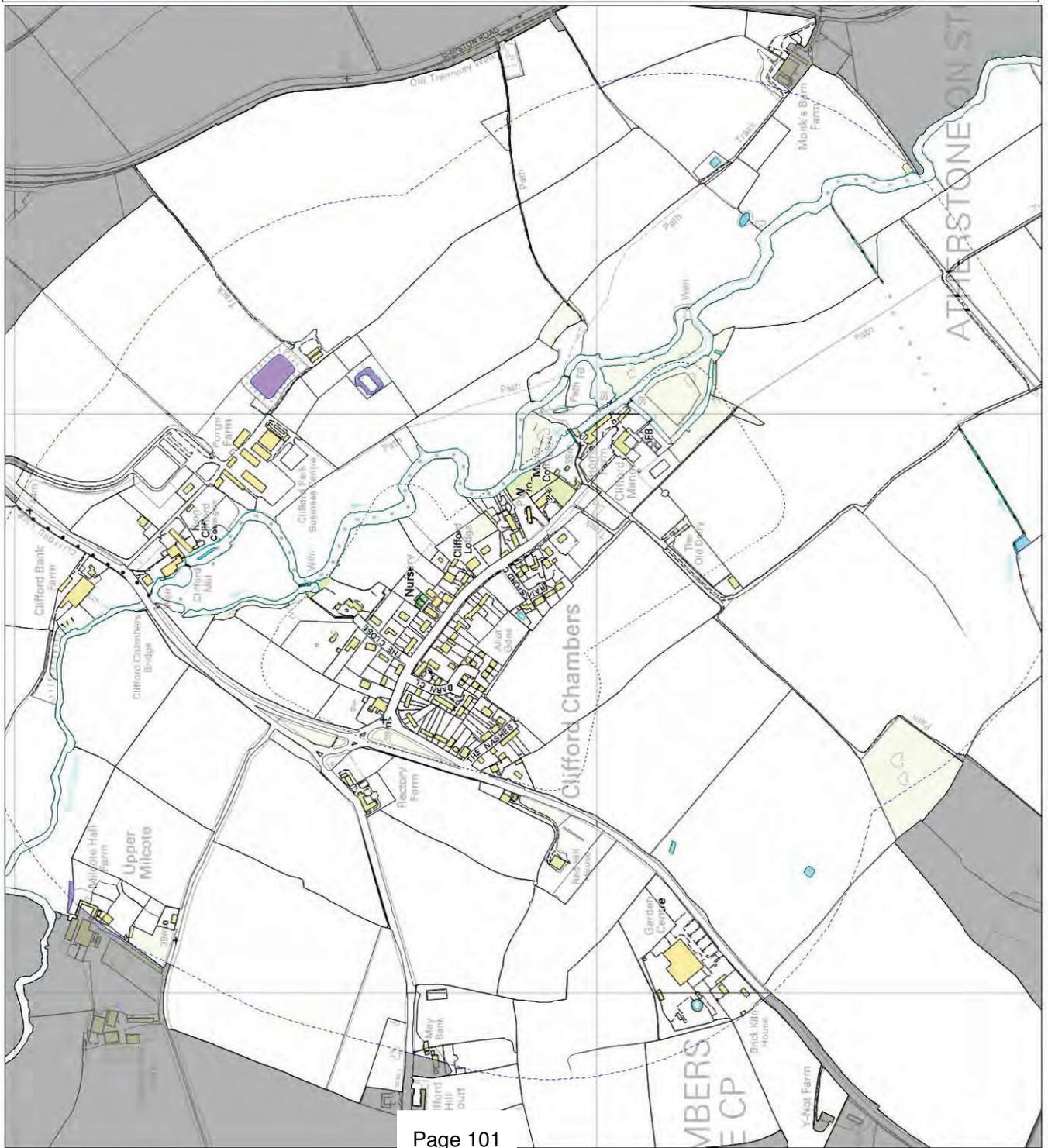
NO CONNECTIVITY



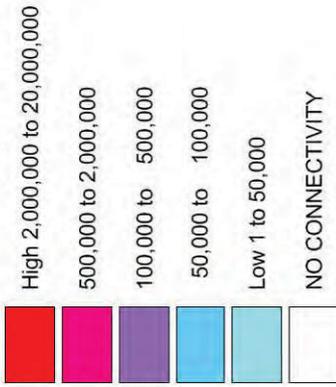
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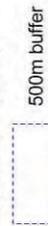
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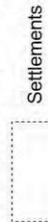
Pond 1km Connectivity



STUDY AREA

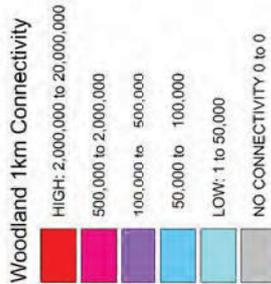
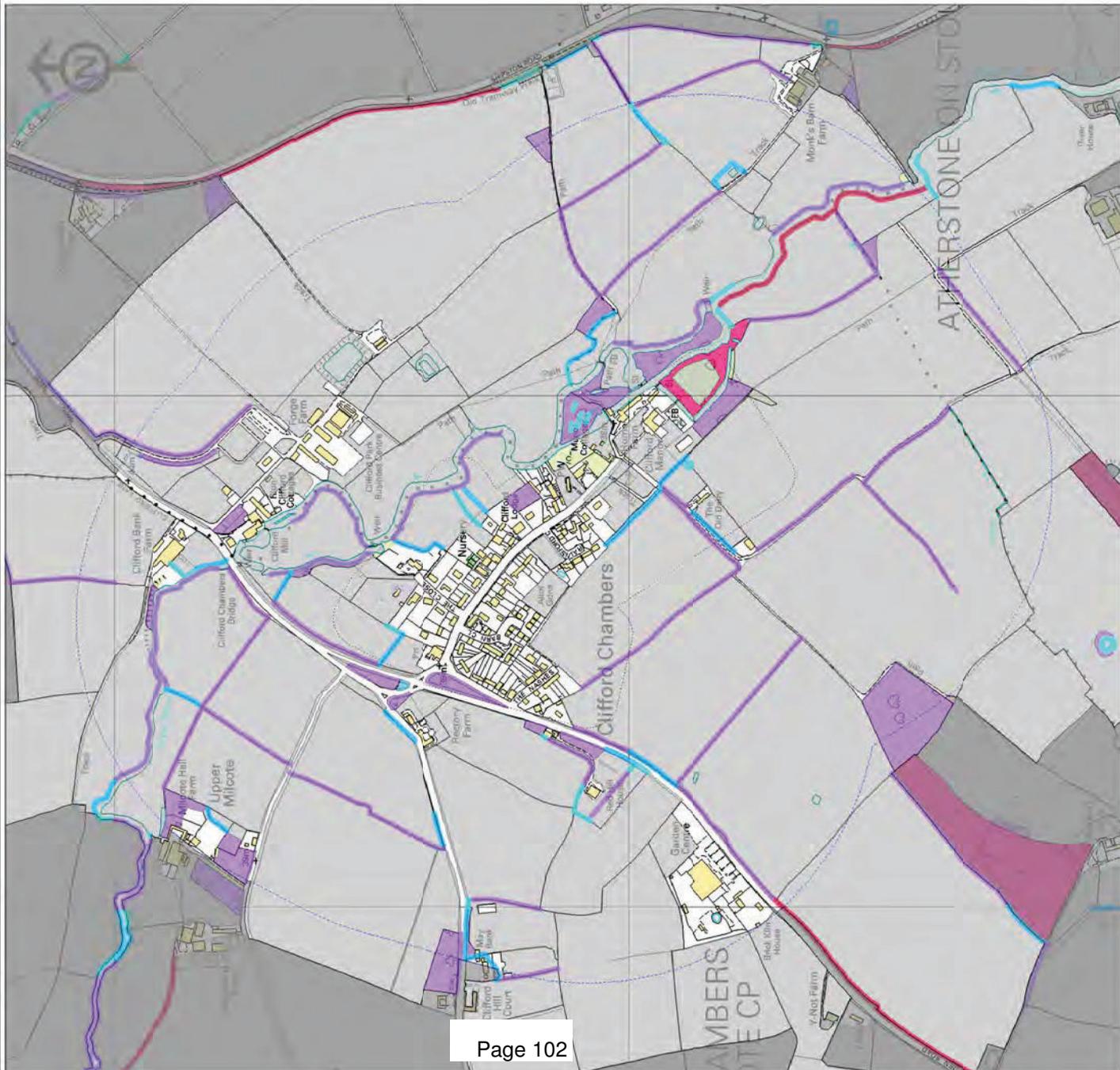


OS DEVELOPED LAND USE AREA



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