

A303 Amesbury to Berwick Down

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6.3 Environmental Statement Appendices

Appendix 6.10: Previous archaeological and antiquarian investigations within the Stonehenge World Heritage Site and its environs

APFP Regulation 5(2)(a)

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1 Introduction

This appendix summarises previous investigations of Stonehenge and its surrounding landscape. It begins its discussion with ancient references to the monument, before considering antiquarian studies between the 16th and 19th centuries, but focuses to a far greater extent on 20th and 21st-century field investigations. Table 8-1, at the end of the appendix, lists the archaeological field work that has taken place since 1990 within 500m of the Scheme boundary, known as the ‘study area’ throughout this document.

2 Ancient references to Stonehenge

2.1.1 The Greek historian Hecataeus of Abdera in c.330 BC wrote briefly of ancient sanctuaries and temples in the land of the Hyperboreans, the place from which the north wind blew, tentatively identified as Britain and Ireland. It is telling though that later Classical writers whose works covered Britain such as Caesar (51 BC), Strabo (AD 20), Pliny (AD 77) and Tacitus (AD 97), never made reference to Stonehenge (Darvill 2006, 32-35). The first specific written account of Stonehenge was by Henry of Huntingdon in c.1130. Huntingdon an archdeacon of the Diocese of Lincoln was commissioned to write a history called *Historia Anglorum* (History of the English). He prefaced the history proper with a short account of Britain’s four wonders including Stonehenge or ‘Stanenges, where stones of wonderful size have been erected after the manner of doorways...’ (Darvill 2006, 36; Richards 2017, 59; Souden 1997, 140). A short time later Geoffrey of Monmouth’s *Historum Regum Britanniae* (History of the Kings of Britain) written around 1136 recounted the story of how Stonehenge was commissioned by the British king Ambrosius Aurelianus (Aurelius Ambrosius in Monmouth’s text) with the help of Merlin who brought the stones from Ireland (Parker Pearson 2015, 65; Souden 1997, 140; Thorpe 1966, 195–212). Two 14th-century manuscripts provide the earliest known depictions of Stonehenge and one of the rare instances that prehistoric monuments were depicted during the Middle Ages. One depicts Merlin placing a lintel on top of a pair of standing stones, completing a trilithon, much to the amazement of onlookers, while the other, a squared version of Stonehenge, decorates an historical calendrical table (Chippindale 2004, 23, figs 14 and 15; Darvill 2006, 36). Another small illustration of Stonehenge is in the *Scala Mundi*, a manuscript written in c.1441 and now kept in Douai in France (Parker Pearson 2015, 125).

3 Antiquarian enquiry in the 16th and 17th centuries

3.1.1 Stonehenge was to remain in the popular imagination – John Rastell, an antiquary in the 16th century, attempted to solve the question as to why Stonehenge was built with non-local stone. He observed that the stones were of no recognisable building stone in an area where the underlying geology was chalk with flint nodules, but ‘so hard that no yryn tole wyll cut them without great bysynes’ (Chippindale 2004, 27–28). William Camden’s *Britannia*, a topographical and historical survey first published in 1586 mentioned Stonehenge. In the edition of 1600 Camden described the site as ‘a huge and monstrous piece of worke’ and that ‘men’s bones have many times been digged up here ... Ashes and pieces of burnt bone here frequently found’ (Parker Pearson 2015, 126). A few years later, John Leland, in his *De Antiquitate Britannica*, attempted to tease fact away from

legend in relation to Stonehenge, noting that ‘almost everything that is related about the bringing of these stones from Ireland is fictional’. Instead, he believed that Merlin brought these stones from some quarry in the locality. Leland reckoned that it would have been beyond the ability of the Romans to move such large stones all the way from Ireland to Amesbury, since the River Avon was a good twenty miles away (Chippindale 2004, 29). William Lambarde in the 1580s sought a more rational explanation of Stonehenge, rejecting the fables and ‘such like Toyes, whearwith Galfrid [Geoffrey] and many others have brought good Hystories into vile Contempt, and themselves the Wryters woorthely into Derision’. He regarded the stones as hanging ‘with no more Wonder than one Post of a House hangeth above another, seinge that all the Stones are let one in another by a Mortece and Tenant, as Carpenters call them’. Lambarde astutely identified the origin of the stones: ‘theare is within the same Shyre great Stoare of Stone of the same Kinde, namely, above Marlborow, from whence I thinke they weare chosen by the Greatness, for other Difference eyther in Matter or Fashion I see none’ (Lambarde 1730, 314–315).

Stonehenge certainly attracted the attention of many, including British monarchs; James I was much intrigued by what he saw at Stonehenge during a visit in 1620. The Duke of Buckingham, his host at Wilton House near Salisbury, offered the then owner, Robert Newdyk, ‘any rate’ if he would sell Stonehenge but ‘he would not accept it’. James’ curiosity remained unabated and the Duke did arrange to have a hole excavated in the middle of Stonehenge to allow for the site’s secrets to be revealed (Chippindale 2004, 47; Darvill 2006, 39; Long 1876, 237). When John Aubrey, the king’s antiquary, saw the site years later the excavation hole was still evident, Aubrey describing it as the size of two saw pits placed together. Aubrey recounted that stags’ horns, bull horns, arrow heads, and some pieces of rusted armour had been recovered from the dig (Chippindale 2004, 47; Darvill 2006, 39). Around the same time a so-called altar stone was ‘found in the middle of the Area’ and brought to St James’ in Westminster for courtiers to admire (Chippindale 2004, 47–48). The Duke of Buckingham also examined some of the round barrows on King Barrow Ridge, in one of which was found a ‘bugle-horne tip’t with silver at both ends’ (Darvill 2005, 7). This excavation intrigued James I so much that he commissioned an expert study on Stonehenge. This job fell to Inigo Jones, the well-known neo-classical architect, masque designer and Surveyor of the King’s Works, who was given ‘his Majesty’s Commands to produce, out of my own Practice in Architecture, and Experience in Antiquities Abroad, what possibly I could discover’ about the site (Chippindale 2004, 48). Most of the work was done after the king’s death in 1625, mostly during visits to Wiltshire between 1633 and Jones’ own death in 1652 (Darvill 2006, 39). Following his death, the most prominent English architect of his time had left only ‘some few indigested Notes’, which his assistant and protégé, John Webb ‘moulded off and cast into a rude Forme’ as a book in 1655 entitled *The Most Notable Antiquity of Great Britain, Vulgarly Called Stone-heng, on Salisbury Plain. Restored*. This was the first book on Stonehenge and probably the first book to be published anywhere on a single prehistoric monument (Chippindale 2004, 48; Richards 2017, 63; Webb 1655, preface). The original notes by Inigo have not survived so it is not clear how much is by Jones and how much is by Webb. This matters little as Webb was mentored by Jones and adopted a similar approach with regard to architectural matters (Chippindale 2004, 48). Jones believed that Stonehenge was built by the Romans, identifying in the site’s layout the geometrical arrangement of four equilateral triangles, paralleling a Vitruvian plan

of a Roman theatre with the same geometrical controls. The book contained a plan and elevations of what Jones considered to be the original appearance of Stonehenge (Chippindale 2004, 57–59, pls 32–35; Darvill 2006, 40, fig. 8; Richards 2017, 64–65; Souden 1997, 142–143).

- 3.1.2 John Aubrey drew a plan of Stonehenge in 1666 for Charles II with dotted lines marking the Avenue and the Heel Stone to one side. By the entrance causeway there were three stones where now there is only one (the Slaughter Stone). The central setting of five trilithons was depicted as a horseshoe (albeit with two more trilithons roughed in to complete a spurious circle). Just inside the bank, marked with 'c's, were the two Station Stones. Marked with 'b's were five additional cavities which, following excavation centuries later in 1920, turned out to be the 'Aubrey Holes', prehistoric pits which were regularly arranged around the inside of the circular enclosure and ditch (Chippindale 2004, 69; Darvill 2006, 39; Richards 1991, 32; Richards 2017, 66–67). Aubrey deduced that Stonehenge was related to other stone circles in places like Pembrokeshire, north-east Scotland and Ireland where the Romans, Saxons and Danes had scarcely penetrated, the distribution of the stone circles suggesting that they were the temples of the native British (Chippindale 2004, 69–70; Richards 2017, 66).

4 Antiquarian research in the 18th century

- 4.1.1 A generation later, during the years 1721–24, the Lincolnshire antiquarian William Stukeley worked each summer in Avebury and Stonehenge, surveying, measuring and drawing monuments (Chippindale 2004, 75; Richards 2017, 68). The word 'trilithon' was coined by him from the Greek for 'three stones' to describe what he saw at Stonehenge (Chippindale 2004, 14; Richards 2017, 70). Stukeley also dug at the stone circle, and spotted the Avenue running from the entrance past the Heel Stone and beyond 'where abouts the sun arises, when the days are longest', and also discovered what he called the Cursus, a pair of ditches about 350 feet apart which ran for about 2 miles. To the antiquarian it appeared to be a running track for the ancients competing in 'games, feats, exercises and sports' (Chippindale 2004, 76; Richards 1991, 32; Richards 2017, 70–71). Between 1722 and 1723, Stukeley and Lord Pembroke of Wilton House dug into 13 barrows, most of them situated in the Amesbury and Wilsford parishes, the 'artificial ornaments of this vast and open plain' that were set 'upon elevated ground, and in sight of the temple' (Chippindale 2004, 76; Darvill 2005, 8; Richards 1991, 32; Richards 2017, 71). Their excavations revealed the makeup of the barrow mounds as well as the nature of the burials contained within. Stukeley eventually brought out two books based on his fieldwork, *Stonehenge, a temple restor'd to the British Druids* in 1740 and *Abury: a Temple of the British Druids, With Some Others, Described* in 1743 (Boyd Haycock 2017; Chippindale 2004, 81, 86; Darvill 2006, 41). Both contained allusions to Druidical design behind these great monuments while the latter book also dwelled on the Phoenicians and how true Christians gathered in mystical serpentine temples to await the coming of the Messiah (Chippindale 2004, 92; Richards 1991, 33). Stukeley's work came to define people's understanding of Stonehenge, with every aspect of ancient Britain now being construed as somehow Druidic; consequently nothing superior was written about the site for the remainder of the 18th century (Boyd Haycock 2017; Chippindale 2004, 91–92; Richards 2017, 73). Indeed, relatively little fieldwork took place in the remainder of the 18th century, though two barrows in the Iron Age hillfort known as Vespasian's Camp were excavated

in 1770, probably during the course of landscaping works associated with the nearby country residence of Amesbury Abbey (Darvill 2005, 8).

5 Antiquarian investigations in the 19th century

- 5.1.1 By the turn of the 19th century interest in Stonehenge had been rekindled amongst antiquarians. The antiquarian most closely associated with Stonehenge and the surrounding area at this time was William Cunnington, a wool merchant from Heytesbury on the western edge of the Salisbury Plain. He was prolific in his excavations; by 1801 he had opened up 24 barrows and at Stonehenge had dug with ‘a large stick’ under a fallen sarsen (Darvill 2006, 43; Richards 1991, 33; Richards 2017, 74). Cunnington successively enjoyed the patronage of H.P Wyndham, M.P. for Wiltshire, the Reverend William Coxe, Rector of Stourton in the same county, and Sir Richard Colt Hoare (Richards 1991, 33; Richards 2017, 74–75). In 1802 Cunnington dug again at Stonehenge: ‘...particularly at the front of the Altar, where I dug to the depth of 5 feet or more and found charred Wood, Animal Bones, and Pottery, of the latter there were several pieces similar to the rude Urns found in the Barrows – also some pieces of Roman pottery’ (Chippindale 2004, 117; Richards 2017, 78). Over time, Cunnington opened more than 600 Wiltshire barrows, including nearly 200 examples in the vicinity of Stonehenge – only those planted with trees or under tillage were spared. Two or three barrows could be dug in a day, if they were not too substantial in size (Chippindale 2004, 121–22; Richards 2017, 78–80). He used the shaft technique which involved digging a pit in the centre of the mound, the search continuing downwards until a burial was found or the old ground surface under the mound was reached (Darvill 2005, 8; Richards 2017, 78). The most impressive discovery made by Cunnington was the richly furnished burial at Bush Barrow (Wilsford 5) uncovered in 1808. This was an inhumation with accompanying grave goods including a bronze axe, three daggers, one of which had a pommel decorated with gold, a stone sceptre, and two gold lozenges (Darvill 2005, 8; Richards 2017, 82–83). Another associate of Cunnington was Philip Crocker, a draughtsman and surveyor, who produced a working map of Stonehenge and the surrounding area with the various barrows drawn and numbered along with the Cursus, all superimposed on the local topography and road system (Chippindale 2004, 125, fig. 101). A version of this was published in 1812 in Colt Hoare’s first volume of *The Ancient History of Wiltshire*, the first detailed map of the archaeology of the Stonehenge environs (Richards 1991, 14, fig. 2; Richards 2017, 76–77).
- 5.1.2 Thankfully, the last person allowed to go digging at Stonehenge on a whim was a Captain Beamish from Devonport who in c.1839 excavated a six foot deep hole in front of the Altar Stone, over an area eight feet square, and found nothing more than rabbit bones. This was done ‘in order to satisfy a society in Sweden there was no internment in the centre of Stonehenge’ (Chippindale 2004, 161; Cleal et al. 1995, 9; Richards 2017, 87). The welcome obstinacy of one owner, Sir Edmund Antrobus, was to protect Stonehenge from further unnecessary interference for the remainder of the 19th century, including from any proposed restoration efforts by government authorities (Chippindale 2004, 161).
- 5.1.3 Notwithstanding the lack of access for excavation within the stone circle antiquarian research continued apace within the environs of Stonehenge. John Thurnam was a medical superintendent at the Devizes Asylum with an interest in the skeletons, and especially the skulls, of ancient Britons. Any skeletons that

Cunnington had come across in his excavations of the barrows were left unmolested, and with Colt Hoare's *The Ancient History of Wiltshire* as his guide Thurnum quarried the barrows for these skeletons in the mid-19th century. He found that the skulls could be grouped into two classes depending on the type of barrow in which they were interred. Those from the long barrows were dolichocephalic, with their skulls long in relation to their width; those from the round barrows were brachycephalic, tending to be rounder in shape. The long barrows, with multiple inhumations, long skulls, few grave goods and no metal items, belonged to a stone age; whereas the round barrows, with single inhumations or cremations, round skulls, and burial goods sometimes in bronze were later in date and belonged to the Bronze Age. As long barrows were distributed around Stonehenge equally with round barrows, Thurnam suggested that the stone circle's location showed it to be a Bronze Age temple on a site originally used as a burial ground for the elite of the stone age (Chippindale 2004, 129; Darvill 2006, 44–45).

- 5.1.4 During the 1870s, the Egyptian archaeologist Flinders Petrie measured Stonehenge, attempting to ascertain the unit of length adopted by the site's builders as part of a larger study into 30 to 40 sites across Britain and France. The numbering system applied to the stones by Petrie is still used today (Parker Pearson 2013, 72; Parker Pearson 2015, 128; Richards 2017, 91–92). Petrie was also interested in Stonehenge astronomy; he saw the first glimpse of the sun as seen over the Heel Stone from between the uprights of the Great Trilithon as being significant. From this he calculated a date of AD 730 for Stonehenge's construction which fitted his notion that the site was the burial ground of English kings after the Roman withdrawal (Chippindale 2004, 137, 139–140). A second effort was made to date Stonehenge by the astronomer Sir Norman Lockyer at the close of the 19th century. Through using orientations and alignments he arrived at a date of about 1680 BC, but his flawed approach discouraged other archaeologists from working on the astronomical significance of Stonehenge until the mid-20th century (Lockyer 1906, 67).

6 The first archaeological investigations in the early 20th century

- 6.1.1 Until the late 19th century, archaeological research on Stonehenge was carried out under the patronage of wealthy gentlemen or well-to-do professionals working during their leisure time. From the turn of the 20th century, this began to change as archaeology emerged as an academic discipline, and became a profession in its own right. Fieldwork at the monument was now carried out by professional archaeologists under the auspices of learned societies or government departments (Chan and Parker 2014, 46). During a storm in December 1900, strong winds blew down Stone 22, an upright on the west side of the outer sarsen circle. This was the first recorded stone fall since 1797 (Chippindale 2004, 164; Richards 2017, 96). This occurrence aroused concerns for the future preservation of Stonehenge. The state's advisory committee approved an effort to pull upright the leaning Stone 56, the sole standing upright of the great trilithon – its lean had increased over the years to an angle of 60 degrees, and threatened bluestone 68, which it was pushing over (Chippindale 2004, 166–167). This restoration work was carried out in the autumn of 1901 under the direction of Detmar Blow, a Wiltshire architect, and Professor William Gowland, a mining geologist from the School of Mines in South Kensington, who was nominated by the Society of

Antiquaries as the supervising archaeologist (Chippindale 2004, 167; Cleal et al. 1995, 9). Through his meticulous work, Gowland was able to show how the stone-holes had been dug and how the sarsens had been trimmed, shaped and erected. He made a reasonable estimate as to the age of the site at around 1800 BC, during the latter part of the Neolithic, from the lack of metal found during the course of his excavation except for a tiny green copper stain on a sarsen block seven feet down (Chippindale 2004, 167–169; Richards 1991, 35; Richards 2017, 98). After more than a century of excavation and developments in scientific archaeological research this still remains the conventional view (Pitts 2018, 10) For Gowland, there was no exotic, foreign origin for Stonehenge, ‘...its plan and execution alike can be ascribed to none other than our rude forefathers, the men of the Neolithic or, it may be, of the early bronze age’ (Chippindale 2004, 172; Souden 1997, 25). In 1906 Stonehenge became the first archaeological site in Britain to be photographed from the air when an oblique shot was taken from the basket of a Royal Engineers’ balloon by 2nd Lt Philip Henry Sharpe (Darvill 2005, 9; Richards 2017, 99–101).

- 6.1.2 After the First World War, an assessment was made of Stonehenge and a restoration programme was organised by the Office of Works (the monument had been gifted to the nation by Mr (later Sir) Cecil Chubb in 1918), which turned to the Society of Antiquaries for advice and funding. Work began in November 1919 focusing on the stones in the outer circle that were leaning the most. The task of excavation in advance of these conservation works fell not to Gowland, who had since retired, but to a colleague, Colonel William Hawley assisted by Robert Newall (Chippindale 2004, 179–180; Cleal et al. 1995, 10–12; Richards 2017, 102–103). Hawley also started to investigate the surrounding ditch, the Slaughter Stone and a number of the holes identified in Aubrey’s *Monumenta Britannica* (Chippindale 2004, 181; Richards 1991, 35; Richards 2017, 107). In 1921, the Office of Works planned to re-erect the stones which had fallen in 1797 and 1900. Funding however was problematic and as no stone was in actual danger the restoration was suspended (Chippindale 2004, 181–182). Hawley continued to excavate at Stonehenge on behalf of the Society of Antiquaries, clearing the south-eastern half of the interior of Stonehenge from 1921 to 1926 and often working on his own (Chippindale 2004, 182–83; Cleal et al. 1995, 12–15, fig. 8; Richards 1991, 35–36). While under-resourced and using a field methodology that has been open to criticism, Hawley located two more rings of holes, besides the Aubrey Holes. These rings were called the ‘Y’ and ‘Z’ holes, and were regarded as possibly Iron Age in date; the Aubrey Holes were presumed to be Neolithic and the main stone circles to be Bronze Age in origin (Chippindale 2004, 183; Souden 1997, 25; Richards 2017, 108).
- 6.1.3 While excavation work was continuing, questions were also being raised on the nature of the stones used in the construction of Stonehenge. As early as 1868, Sir A.C. Ramsey was the first geologist to point out the similarity of some of Stonehenge’s bluestones to the igneous rocks to be found in Pembrokeshire (Darvill 2006, 45). In 1923, Dr H. H. Thomas of the Geological Survey identified the provenance of the bluestones, tracking their origins to a deposit of igneous rock in the Preseli Mountains in the northern part of that Welsh county. The three main varieties of Stonehenge bluestone – spotted dolerite, rhyolite and volcanic ash were matched exactly by the outcrops (Thomas 1923, 239–60; Richards 2017, 111).

6.1.4 Archaeological investigations were taking place elsewhere in the environs of Stonehenge. In 1921 aerial photographs taken in the vicinity of Stonehenge revealed the full extent of the Avenue. O. G. S Crawford, trawling through old negatives in 1923, observed a pair of thin parallel lines running across the countryside between Stonehenge and Amesbury. They had been traced by Stukeley as far east as the gap between the Old and New King Barrows at which point they disappeared under ploughed fields. The aerial photographs now showed that the Avenue swung from there southwards to finish close to the bank of the River Avon at West Amesbury (Crawford 1924, 57–59). In 1923 Crawford and A. D. Passmore followed this up with the excavation of three trenches to confirm the course of the Avenue (Cleal et al. 1995, 296; Darvill 2005, 142). Investigations also took place in the vicinity of Stonehenge associated with management works: a section of a water utilities trench along what was to become the A344 was monitored by Robert Newall in 1919, he drew a profile of the trench showing the Heelstone Ditch and both Avenue ditches; an investigation of the Avenue close to the Amesbury-Stonehenge road at West Farm was carried out by R. Clay in 1927; and in 1935 W.E.V. Young carried out excavation in advance of the first a series of car-parks on the north side of the A344 (Cleal et al. 1995, 295, 301; Darvill 2005, 9, 142). Elsewhere, Dr J. F. S. Stone, a chemist based at Porton Down who was interested in archaeology, excavated at numerous sites along Countess Road and around Ratfyn that were revealed during the course of property development, road-widening, or the laying of pipelines during the 1920s and 1930s, while Newall also excavated in Winterbourne Stoke in 1925 (Darvill 2005, 9). Aerial photography continued to be pursued in the area; Crawford and Alexander Keiller produced a book entitled *Wessex from the Air* (1928) which included images of Stonehenge and Bush Barrow (Darvill 2005, 9). Field walking was also beginning to feature in archaeological research on the area such as the work on King Barrow Ridge by B. Laidler and W. E. V. Young in 1939 (Darvill 2005, 9).

7 Archaeological investigations c.1950 to 1990

7.1.1 After the Second World War, research on Stonehenge began afresh in 1947 when J. F. S. Stone investigated a section cut across the Cursus near the wood of Fargo Plantation (Chippindale 2004, 201). Although investigations in advance of property development, engineering works and agricultural activities had been a feature of archaeological fieldwork during the first half of the 20th century, the post war period was to see a substantial increase in this sort of activity (Darvill 2005, 10). The range of sites recorded increased, and the opportunities for small-scale investigations at known sites increased greatly such as the flint mines which were discovered and recorded east of the Stonehenge Inn in 1952 (Darvill 2005, 10). During the 1950s burial mounds were often at risk of being destroyed by ploughing due to the increase in demand for cultivated land leading to a number of excavation campaigns, in most instances after the barrows had already been heavily damaged. Among the excavated barrows were G51-54 on Wilsford Down and Normanton Down in 1958; Wilsford G2-5 in 1959; twelve barrows in Amesbury and Winterbourne Stoke between 1959 and 1961; Wilsford cum Lake 1, 33 and 33a in 1960; Amesbury 51 in 1960; and Amesbury G70 and G71 in 1961. A few of the sites explored still remain unpublished, but the insights gained by this flurry of barrow excavation within the area has contributed much to the understanding of Bronze Age round barrows in Britain as a whole (Darvill 2005, 10). The most notable of these barrow excavations that took place in the 1950s

and 60s was Wilsford 33a. This was a pond barrow that was excavated between 1960 and 1962 by Paul Ashbee and Edwina Proudfoot, revealing the Wilsford Shaft, a cylindrical prehistoric shaft over 30m deep and only 2m in width. The bottom layers of its filling were waterlogged and preserved organic materials including rope, wool and the remains of wooden buckets (Darvill 2005, 10 and 143; Richards 1991, 38; Richards 2017, 141–142). With the encouragement of Richard Atkinson (of the Ashmolean Museum), an early geophysical survey using a 'Megger Meter' took place on the so-called long mortuary enclosure on Normanton Down in 1957–8; the site was subsequently excavated and dated to the middle Neolithic (Darvill 2005, 10).

7.1.2 The Hawley legacy at Stonehenge also needed to be sorted out, and it was agreed that Richard Atkinson, Professor Stuart Piggott (of Edinburgh University) and Dr J. F. S. Stone (a Wiltshire archaeologist) would collaborate together to produce a full report on Hawley's work, as well as excavate where necessary to clarify uncertainties (Chippindale 2004, 201; Cleal et al. 1995, 15–16; Darvill 2005, 10; Richards 1991, 36; Richards 2017, 118–32). The fieldwork took place during the years 1950–54, 1956, 1958–9 and 1964, and commenced with the Aubrey Holes; with two more investigated in addition to the 32 already excavated by Hawley, leaving the last 22 intact for archaeologists in the future (Chippindale 2004, 201; Richards 1991, 36; Richards 2017, 118). It was confirmed that the Aubrey Holes were late Neolithic ritual pits, deliberately refilled, and usually containing cremated human remains. A sample of charcoal from one of the two newly excavated pits was sent to Professor Willard Libby in the University of Chicago who applied his newly developed technique of radiocarbon dating to it. The figure provided was 1848 ± 275 BC, the first absolute (though uncalibrated) dating for Stonehenge, which fitted into the conventional chronology at the time for the Neolithic in England which ran from 2000 to 1500 BC (Atkinson et al. 1952, 19–20; Richards 2017, 118–119). In 1953 a photographic survey of the stones revealed carvings depicting axes of Bronze Age type and a dagger of exotic appearance with supposed parallels in Mycenae itself (Chan and Parker 2014, 47; Chippindale 2004, 202–3; Richards 2017, 119). Atkinson and Piggott also opened three cuttings in Stonehenge Bottom in 1953 and three further cuttings, two near the River Avon and one northeast of the A344 in 1956 in an effort to find the Avenue (Darvill 2005, 142). The result of the post-excavation research, coupled with fresh limited excavation and survey was published by Atkinson in a book simply called *Stonehenge* (1956) in which three phases of Stonehenge's development was detailed. Further work has altered details, and calibrated radiocarbon dating has refined the dating, but the essential framework of Atkinson's scheme still stands today (Chippindale 2004, 204; Richards 2017, 123–124). As part of a scheme to restore some of the bluestones and parts of the sarsen circle along with the trilithon that had collapsed in 1797, further excavation was carried out in 1958 in the interior of Stonehenge which hitherto had not been available for investigation. This allowed for the analysis of a segment of the bluestone horseshoe, the setting for an entire trilithon, an arch of the bluestone circle and part of the sarsen circle (Richards 2017, 125–130). Further archaeological investigations were carried out in 1959 in advance of work to straighten the sole surviving upright of another fallen trilithon, as well straighten two other stones in the outer circle (Richards 2017, 130–131). This was followed in 1964 by the re-erection of another stone and the straightening of two others in the outer circle, and the two uprights of one of the intact trilithons (Richards 2017, 131).

- 7.1.3 Stonehenge was not to be excavated again for another decade. In 1978, two excavations were carried out, one of which involved Alexander Thom at one of the Station Stones, the other through the enclosing ditch by John Evans in order to retrieve environmental samples (Darvill 2005, 10). The latter re-excavated a 1954 cutting through the enclosing ditch. Samples were taken in order to study land-snails, which provided an insight into the changes in environment over time. New samples for radiocarbon dating pushed the first phase of construction of Stonehenge back to around 2800 BC (Richards 1991, 37). During the course of this excavation, the skeletal remains of a young man were found lying on his side with knees bent. A stone archer's wrist guard was found with the body along with a number of finely worked barbed-and-tanged arrowheads, some with their tips broken off. Only later did it emerge that the tips of the arrowheads were embedded in his bones, and that the arrows were the cause of his death. The burial was later radiocarbon dated to 2300 BC (Richards 2017, 137–138).
- 7.1.4 While Atkinson updated his book in 1979, he never got around to publishing his full results in any detail, and it was only in 1995 that the results of all of the 20th-century excavations were finally brought together and published by Rosamund Cleal and her colleagues at the Trust for Wessex Archaeology. This work, entitled *Stonehenge in its Landscape: Twentieth-Century Excavations*, was accompanied by a new programme of radiocarbon dating that proved definitively that the main stone settlements of Stonehenge were late Neolithic in date. The volume contains detailed descriptions of the individual excavation cuttings, the plans and photographs that made up the reassembled site records (Parker Pearson 2015, 130; Richards 2017, 173–176; Souden 1997, 25).
- 7.1.5 In the immediate vicinity of Stonehenge, excavations were carried out in advance of extensions to the carpark in 1966 and 1979, the creation of an underpass and associated works in 1967, and a whole range of pipe-trenches and cable-laying in 1968 and 1979–80. Faith Vatcher and her husband Major Lance Vatcher undertook much of this work during the 1960s, with the later seasons in the 1970s undertaken by Mike Pitts and English Heritage (Cleal et al. 1995, 17; Darvill 2005, 10). These investigations contributed much to our knowledge of Stonehenge, including the finding of the Mesolithic postholes and an early tree pit in the western end of the carpark; along with the identification of the so-called Palisade Ditch north and west of Stonehenge (Darvill 2005, 10; Richards 2017, 134–135). The Vatchers also excavated in 1968 between the King Barrow Ridge and Stonehenge, in advance of cable laying by the Southern Electricity Board, where they discovered early Neolithic bowl pottery (Darvill 2005, 140). The eastern end of the Avenue (35m in length) near the Avon, west of Amesbury was also investigated in advance of house-construction, involving excavation by George Smith in 1973 (Cleal et al. 1995, 295 and 297; Darvill 2005, 10, 142). Mike Pitts excavated along the south side of the A344 at Stonehenge in 1979 in advance of cable-laying and pipe-trenching. He discovered a pit belonging to a previously unknown stone close to the Heel Stone. As part of the project, geophysical survey also identified pits along the course of the Avenue. In 1980 Pitts again excavated beside the A344 where he discovered a stone floor and a prehistoric artefact assemblage associated with the monument (Chan and Parker 2014, 47; Darvill 2005, 142). Smith also excavated in the Stonehenge carpark on behalf of the Central Excavation Unit in 1979-80 (Darvill 2005, 142). In 1981 the Central Excavation Unit excavated in advance of the construction of a footpath through Stonehenge (Darvill 2005, 142). In 1987 and 1990 Rosamund Cleal and Mike

Allen investigated tree-damaged barrows on King Barrow Ridge and near the Luxenborough Plantation. Stormy weather in those years upturned a large number of trees, exposing the archaeology. A total of 39 tree-throw holes in nine barrows were examined and recorded (Amesbury 18-19, 27–32, and 39) (Darvill 2005, 141).

- 7.1.6 Road improvements around Amesbury in the late 1960s also provided opportunities for archaeological investigations. The works included the construction of a dual carriageway along the A303 in the eastern part of the Stonehenge landscape, the building of a bypass around the north side of Amesbury, and the construction of a roundabout and the modification of road alignments at Winterbourne Stoke crossroads. All revealed important finds and structures (Darvill 2005, 10). Amesbury barrow G39 was excavated in 1960, and was subsequently reconstructed. Sections were also dug by the Vatchers across the full width of the Avenue in advance of the Amesbury bypass in 1967. The excavation covered an irregularly shaped area some 52m by 41m in extent, and investigated both ditches of the Avenue and the area in between (Cleal et al. 1995, 17, 296; Darvill 2005, 142). The first prehistoric settlement to be found in the Stonehenge area was excavated close to the Winterbourne Stoke cross-roads (also known as Longbarrow Crossroads) (Richards 1991, 38). There the Vatchers excavated the remains of a Late Bronze Age village dating to around 1000 BC consisting of three small round houses, each with a south-facing porch, pits and a stockade trench (Darvill 2005, 143; Richards 2017, 142). In 1969, again during the widening of the A303, Faith Vatcher excavated two chalk-cut pits west of King Barrow Ridge. One of the pits contained a rich assemblage of Late Neolithic material including a pair of incised chalk plaques (Darvill 2005, 10, 140; Richards 2017, 142).
- 7.1.7 In line with increasing protection of archaeological remains through planning policy guidance and the nomination of Stonehenge and Avebury jointly as a single World Heritage Site in 1986, there was a general shift from work carried out as rescue archaeology towards targeted investigations informing conservation and management policies (Chan and Pearson 2014, 47). Archaeologists now began to focus on the landscape surrounding Stonehenge; in 1979 the Royal Commission on Historical Monuments of England (RCHME, now part of Historic England) undertook the plotting and analysis of all of the accessible aerial data, publishing it under the title of *Stonehenge and its Environs* detailing the prehistoric monuments to be found in the vicinity of the stone circle. All the known sites were included that made up the prehistoric ceremonial landscape and for the first time subtle traces of everyday life were also revealed: small irregular fields; miles of boundary ditches dividing up the landscape; and even the occasional small ditched enclosures that hinted at places of human habitation (Richards 2017, 148). Following this work, Wessex Archaeology was commissioned by the Department of the Environment to undertake a more intensive ground-based survey to develop a better understanding of the landscape and to aid in its management and preservation, the Stonehenge Environs Project (Richards 2017, 148). This involved the systematic fieldwalking of available cultivated land (c.750ha), sample excavations at 15 sites ranging in date from the early Neolithic through to the later Bronze Age, and the sampling of dry valley fills. This work revealed that the area around Stonehenge with its numerous barrows and other prehistoric monuments was not solely a ritual, funerary landscape, but one in which people also lived. In 1990, Julian Richards published the full results of the

Stonehenge Environs Project (Darvill 2005, 11; Parker Pearson 2015, 130; Richards 1991, 38–47; Richards 2017, 153–154).

- 7.1.8 One of the sites partially excavated as part of the Stonehenge Environs Project was the small henge on Coneybury Hill to the south-east of Stonehenge. Following geophysical and geochemical surveys, excavation was carried out, including the sieving of topsoil. Magnetometry revealed a large pit outside the entrance to the henge which contained a huge collection of early Neolithic pottery, animal bones and flint tools deposited over a thousand years before the henge itself was constructed (around 2700 BC). This pit feature became known as the Coneybury ‘Anomaly’ (Richards 2017, 148–149).

8 Archaeological investigations 1990 to 2017

While much of the recent work in the Stonehenge landscape has been developer led or connected with management issues, there has been a resurgence of research led projects, benefitting from the publication of the 20th-century excavations by Rosamund Cleal and her colleagues in 1995 and the preparation of the Stonehenge research framework by Timothy Darvill in 2005 which created a consensus on the current state of knowledge and allowed for the definition of future research priorities (Chan and Parker 2014, 48). Such work has been characterised by the adoption of best practice and cutting-edge specialist technologies and approaches: high standards of excavation and artefact collection, geophysical survey, high-precision accelerator mass spectrometry radiocarbon dating, and isotopic trace element analysis of both human and animal teeth (Chan and Pearson 2014, 48). Projects utilising one of these methodologies, or a combination, have highlighted the significance of the prehistoric landscape within the World Heritage Site and beyond. One such project has been the Stonehenge Southern WHS Survey by Historic England which utilised aerial photography, geophysical survey, earthwork survey and excavation (Historic England 2017). Alongside research projects, the bulk of the fieldwork carried out in the area from 1980 onwards involved investigating potential routes for the proposed re-routing of the A303 road adjacent to Stonehenge and the proposed relocation of the visitor centre away from Stonehenge itself (Chan and Parker 2014, 47). Given the massive increase in archaeological investigations within the environs of Stonehenge since 1990, the various projects have been divided into the following sections: watching briefs, fieldwalking, geophysical surveys, earthwork surveys, building surveys, evaluations (trial trenching) and excavations.

8.1 Watching briefs

- 8.1.1 A watching brief (EWI4274) was carried out during machine ground reduction from the construction of a garage extension at Hunters Hill. A north-south aligned ditch found during the monitoring was probably a boundary/drainage ditch and runs approximately parallel to the western ramparts of Vespasian's Camp (Wessex Archaeology 1997). A watching brief (EWI4772) was conducted during the laying of a telecommunications cable through the village of Winterbourne Stoke and the Stonehenge World Heritage Site. A number of archaeological features were recorded in a restricted area to the west of Longbarrow Crossroads. It is thought that they were part of an undated (probably prehistoric) enclosed settlement, previously noted from aerial photography (Wessex Archaeology 1999). A watching brief was carried out at the proposed Amesbury

Business Park (EWI5639). No subsoil features were identified during the archaeological monitoring of the excavation of geotechnical trial pits on the site, but a moderate quantity of worked flint was recovered from the topsoil and subsoil deposits (Whelan and Valentin 2000). An archaeological watching brief (EWI99) was undertaken during the mechanical cleaning of the roadside ditch, adjacent to the eastbound carriageway of the A303. The watching brief identified five archaeological features: a pair of ditches belonging to a round barrow; a section of the Avenue ditch; a shallow linear feature; and a small early Iron Age pit (Wessex Archaeology 2002). During the construction of a new byway on land south of the A303 between the former Amesbury Road and Allington Road in Amesbury plough soil was removed onto the top of natural chalk and all features revealed were recorded in plan (EWI5890). The work identified five undated linear features, two of which had been previously identified by a geophysical survey of the site. Most of these features are likely to represent surviving evidence for former field systems in the area. Other features comprised two possible prehistoric and one undated pit (Adam and Valentin 2003). An archaeological watching brief (EWI5936) was carried out during geotechnical site investigation works along the proposed route of the A303 Stonehenge Improvement. Archaeological features revealed included part of a rectilinear enclosure and a shallow pit containing Middle Bronze Age pottery (Wessex Archaeology 2003).

8.2 Fieldwalking

8.2.1 Fieldwalking (EWI232) over 41ha recorded worked flint concentrations within each of which small clusters of retouched forms were noted. The flint was predominantly Bronze Age in character although some Neolithic material was also present. A concentration of Late Roman pottery was recorded in one field and much burnt flint was also noted in the same area. Elsewhere, pottery was scarce, though scatters of Late Roman pottery were found in two other fields. Five sherds of Late Bronze Age pottery were found in one field, three of which were from the same vessel. An auger transect and two test pits discovered a shallow colluvial sequence at the eastern side of the valley of the River Till, from which a single sherd of Anglo-Saxon pottery and animal bone were recovered (Butterworth 1992). Fieldwalking (EWI6579) across 31ha was carried out over five areas associated with possible alternative routes for improvements to the A303. Small collections of worked flint were recorded in all areas including cores and tools. A large proportion was Late Neolithic, while that from near Longbarrow Roundabout was principally Bronze Age. Very little pottery was found, comprising only four sherds of Romano-British material (Butterworth et al. 1992). Fieldwalking was undertaken in three areas on what was then designated as the northern Brown route (EWI261). Concentrations of worked and burnt flint were noted within each of the areas. The majority of datable finds were flint artefacts of Bronze Age date. Other finds included a small quantity of pottery and ceramic building material, the greatest number of Romano-British sherds occurring at the western end of the route corridor (Leivers and Moore 1994). The programme of surface collection (EWI5637) at the proposed Amesbury Business Park has shown evidence for prehistoric activity dating from the earlier Neolithic period onwards. However, the majority of the material suggests activity dating to the Bronze Age, possibly contemporary with the construction of the round barrows which lie within the study area (Cox and Richards 1998). Fieldwalking (EWI6588) was carried out in a field immediately north-east of Longbarrow Roundabout, the junction of the A303 and the A360. A light concentration of worked and burnt flint, principally of Bronze Age date but also containing some Neolithic material, was recovered from the northern

part of the field. Other finds were scarce, but included two sherds of Roman and one of possibly Early Iron Age pottery (Wessex Archaeology 2002). Fieldwalking surveys (EWI6556) were carried out in eight areas along the 2002 Preferred Route of the A303 Stonehenge Improvement. The most common material types recovered were worked flint and burnt flint. The distribution was relatively even across the survey areas. Very little pottery was recovered. The small assemblages of medieval and post-medieval pottery recovered suggested a possible focus of activity to the north of Winterbourne Stoke (Cooke et al. 2002). Wessex Archaeology on behalf of the National Trust fieldwalked over c.34ha, comprising 576 collection units (runs) that yielded 4,226 objects weighing a total of 81,615g (EWI8072). The distribution of flint work was felt to demonstrate the full extent of this major cluster of prehistoric activity. The survey confirmed that the southern boundary of this activity was defined by the crest of Stonehenge Down, beyond which flint recovery was severely reduced. No Roman or medieval material was recovered although a single sherd of Anglo Saxon pottery was found at the north end of the study area. Post-medieval and modern remains were concentrated towards the southern edge of the survey area, within the First World War Stonehenge Airfield Day Camp and aerodrome complex that was demolished in the 1920s (Harding and Crockett 2006).

8.3 Geophysical investigations

- 8.3.1 A number of geophysical surveys were undertaken in advance of proposed road improvements to the A303 between Amesbury and Berwick Down during the early 1990s. Despite some magnetic disturbance, geophysical survey (EWI5930) revealed evidence of several likely archaeological features including the continuation of a linear earthwork extending north of Normanton Gorse, a major sub-oval enclosure, a ring ditch, linear ditches, pits and an area of high activity suggesting a multi-phased occupation complex of enclosures and associated features including pits (GSB Prospection 1992a). During the course of another gradiometry investigation (EWI5929) the locations of several sites visible on aerial photographs were supported by clear magnetic responses and several new features were identified. Notable features include linear features, a segmented ring-ditch and a possible enclosure (GSB Prospection 1992b). Further geophysical survey (EWI5931) identified numerous features likely to be of archaeological origin, including probable ditches (including a double ditch in one area), possible pits, a crescent-shaped feature, a field boundary and possible enclosures (GSB Prospection 1993). Geophysical survey (EWI4254) was carried out as part of evaluation to define a route to the Stonehenge Visitor Centre. The survey detected a number of archaeologically significant features including ditches or earthworks associated with the Durrington Down and Fargo field systems (Bartlett 1993).
- 8.3.2 One gradiometer survey (EWI266) revealed a concentration of archaeological anomalies, which can broadly be divided into three groups: an oval enclosure with associated features, possible remains of a former field system and a possible barrow/henge. Isolated ditch and pit type anomalies were also recorded, but the responses were generally poorly defined (GSB Prospection 1994). Magnetometer and resistivity surveys (EWI84) were undertaken in the southern part of Vespasian's Camp. A semi-circular feature, 30m in diameter, was discovered abutting the southern rampart and is perhaps the remains of a Bronze Age barrow (Cole 1995). A gradiometry survey (EWI5056) over a proposed road corridor in the general area of the present A303 showed only one field to have any

anomalies that were likely to be of significant archaeological interest. The survey in the field northeast of the Longbarrow Crossroads produced a multitude of responses of archaeological significance, correlating with known cropmarks of boundary ditches. There were numerous weaker anomalies, but their interpretation remained tentative (GSB Prospection 1999). Three survey blocks (EWI101) within the proposed road corridor contained anomalies of archaeological interest; the continuation of a large settlement complex, a clear ring ditch, two bowl barrows and a section of 'The Avenue'. Additionally, a number of possible relict field systems and ridge and furrow cultivation were identified (GSB Prospection 2001a). In a follow-up survey (EWI5553), magnetometry recorded a number of anomalies of potential archaeological interest, in particular evidence for a rectangular enclosure to the south-west of the main settlement site identified in this area by earlier geophysical surveys. Most magnetic responses were thought to relate to relict field systems. This survey data, and previous data, helped to define the limits of the Romano-British settlement found in Field I7 (GSB Prospection 2001b).

- 8.3.3 Geophysical survey (EWI6559) was carried out at Airman's Corner and identified a number of potential archaeological features. These included a barrow and internal grave cut, but plough damage had obscured some of the clarity of response. Similar survey was carried out at Countess West and detected part of a possible Bronze Age boundary ditch, part of the former Amesbury to Market Lavington road, and a section of Stonehenge Avenue. Three other barrow sites were also tentatively identified along with some possible ditch systems. No indications of major settlement activity were recorded in any of the geophysical survey areas (Adcock et al. 2002).
- 8.3.4 A survey (EWI442) at Amesbury Business Park identified ring ditches noted from the cropmark evidence, and also found another definite example as well as a number of possible ring ditches not previously recorded. While the majority of the linear or curvilinear ditch cropmarks were located, some could not be verified. Two ditches were added to those known to cross the survey areas. Although a number of pit type anomalies have been found within the data, their interpretation is tentative as they may be a result of natural or recent activities on the site (GSB Prospection 2001c). Along the A303, a gradiometer survey (EWI5932) identified a circular feature which could represent a ploughed-out barrow or possibly a shaft or well, and another clearly-defined feature indicating a barrow. Elsewhere, evidence of earlier field systems and ridge and furrow were identified (GSB Prospection 2002). A magnetometry survey (EWI5937) along the A303 road improvement scheme revealed a linear anomaly in one area which corresponded with a former boundary ditch mentioned in an earlier source. This was associated with other linear and pit-like features which also might have represented archaeology, possibly including a ring-ditch and a horse-shoe-shaped enclosure. The other surveyed area only produced signals associated with modern disturbance and services (GSB Prospection 2003).
- 8.3.5 Over the last twenty years or so changes to the Stonehenge landscape introduced by the National Trust have produced large areas of grassland, ideal terrain for extensive and rapid geophysical survey. These accessible areas have recently been the focus of a number of organisations and major projects: Bournemouth University, Historic England's geophysics team and most extensively, the Stonehenge Hidden Landscapes Project, an international collaboration between Birmingham University and the Ludwig Boltzmann Institute

for Archaeological Prospection and Visual Archaeology in Vienna (Richards 2017, 167). In advance of conservation management by the National Trust, geophysical surveys (EWI7768) were carried out over six barrows and one possible barrow. These revealed more detail of the monuments' shapes and ditches, as well as suggesting internal features such as pits within some of the monuments (Papworth 2009).

- 8.3.6 The most high-profile development in the WHS over the past 30 years has been the relocation of the visitor centre as part of the ongoing Stonehenge Conservation Management Programme promoted and co-ordinated by English Heritage. After the preparation and retraction of planning applications for a development at Larkhill in 1991 and Countess Road in 2005, further desk-based studies and public consultations were carried out for five sites with Airman's Corner emerging as the favoured option, along with the closure of the A344 and a visitor centre designed by architects Denton Corker Marshall (Darvill 2012, 12). A magnetometry survey (EWI7824) at Airman's Corner by English Heritage confirmed the location of activity suggested by historic mapping and suggested a wider scatter of possibly much earlier pit-type anomalies across the down. A targeted area of resistivity was also carried out and enhanced the interpretation of probable 19th- to 20th-century built structures at the site (Linford and Martin 2009). Also at Airman's Corner, in the same year, several features appeared in another geophysical survey by Wessex Archaeology (EWI7825). These included the enclosing ditch of a scheduled bowl barrow which seemed to also have some internal features. To the east of this was an apparent complex of post pits forming a circle, within which were two other possible features. Elsewhere there were many other possibly clustered circular and sub-circular pit-like features, perhaps indicating quarrying or storage across the site. Numerous linear and curvilinear trends were also present. These were not clearly identified as features, but might indicate previous ploughing directions (Urmston 2009). In another geophysical survey by Wessex Archaeology (EWI7826) at Airman's Corner few positive archaeological features were identified during the evaluation. The linear ditch identified during an earlier earthwork survey may have formed part of a planned boundary along the southern edge of the dry valley, separating the southern field system from possible pasture within the coombe to the north. Extensive prehistoric field systems which were recorded to the west and south-east of the site did not extend into the proposed development area and trenches across the projected line of the linear ditch did not identify the ditch. Analysis of finds from the topsoil confirmed a scattering of later Neolithic-Bronze Age flintwork across the site. No structural traces of 19th-century buildings or the early 20th-century air crash known from the site were identified (Thompson 2009).
- 8.3.7 Elsewhere in the WHS another geophysical survey (EWI not assigned) at Druid's Lodge Polo Club covered 8.7ha and demonstrated the presence of archaeological features across the site, along with numerous anomalies of probable and possible archaeological interest. Of particular note was a large enclosure exhibiting internal structures and features with a number of intersecting tracks to the north and east. Whilst their existence was already known from aerial photography, this survey added detail to their morphology and extent. A series of linear anomalies seemed to relate to former field systems. They shared a common alignment, which is reflected in extant boundaries nearby. Several annular anomalies and trends approximately 10m in diameter have been identified, and it is possible that they represented former settlement at the site. A group of discrete anomalies

appeared to be distributed around a circular feature 35m in diameter. Numerous other pit-like anomalies and weak trends were distributed throughout the dataset, apparently at random. While some of these are probably archaeological in origin, the remainder lack sufficient magnetic contrast to be interpreted further (Wessex Archaeology 2010a). The phase II geophysical survey (EWI not assigned) covered 9.5ha and demonstrated the presence of archaeological features across the site, along with numerous anomalies of probable and possible archaeological interest. Of particular note was a large enclosure exhibiting internal structures and features with a number of intersecting tracks to the north and west. While their existence was already known from aerial photography, this survey added detail to their morphology and extent. The density of internal features and apparently coherent distribution was of interest. A series of linear anomalies seem to have been related to former field systems and trackways, some of which were continuations of linear anomalies identified by the previous survey. In general, their alignments differed from those of extant boundaries. A sub-annular anomaly near the north-eastern corner of the survey area was consistent with a ring ditch or ploughed-out barrow. Elsewhere, numerous discrete anomalies of possible archaeological interest were apparent throughout the dataset, along with weak trends in the magnetic background. Some of these related to ploughing and were aligned with former boundaries, indicating fossilised field systems (Wessex Archaeology 2010b).

- 8.3.8 The First Monuments Project involved an extensive high-resolution geophysical survey covering approximately two square kilometres undertaken to the north of Stonehenge in June and October 2011 as part of an international collaboration between Bournemouth University and the German Archaeological Institute which was associated with a broader programme investigating early monument-building in different parts of Europe. The area investigated included all of the Stonehenge Cursus together with downland extending southwards to the A344 and between King Barrow Ridge in the east and Fargo Plantation in the west. The aim of the work was to understand the structure of the Cursus and its spatial relationships with other monuments in the area. The survey provided abundant additional detail on the form and structure of the Stonehenge Cursus, including the recognition of entrances in both the long sides. Additional information about the internal form of round barrows in the Cursus Round Barrow Cemetery, the course of the Avenue, the course of the so-called Gate Ditch, and the numerous tracks and early roads crossing the landscape was gathered. In addition, a series of previously unrecognised features were recorded including: a pit-arc or cove below a barrow on the west side of King Barrow Ridge, a square enclosure on the east side of Stonehenge Bottom, a linear ditch on the same solstitial axis and parallel to the southern section of the Stonehenge Avenue, and a variety of pits and scoops (Darvill 2012, 19).
- 8.3.9 The Stonehenge Hidden Landscapes Project (2010-16) was a collaborative effort between a team from Birmingham University led by Vince Gaffney and the Ludwig Boltzmann Institute for Archaeological Prospection in Vienna. This project aimed to address gaps in the knowledge and understanding of the Stonehenge landscape by conducting a cutting-edge geophysical and remote sensing survey at an unprecedented scale and resolution. Beginning in July 2010, the fieldwork took about 120 days, spread over four years (EWI771). Cutting-edge geophysical technologies, applied at an unprecedented spatial scale and resolution using multiple motorized magnetometers, ground-penetrating radar arrays,

electromagnetic induction sensors, earth resistance surveys and terrestrial 3D laser scanners revealed the landscape of Stonehenge through the largest and most detailed archaeological prospection project yet carried out. The results of the survey project were used to create a highly detailed archaeological map of the 'invisible' landscape, providing the basis for a full interpretative synthesis of all existing remote sensing and geophysical data from the study area (Gaffney et al. 2012). The second season of the Project (2011) involved the continued development of novel motorized geophysical measurement devices, the improvement of measurement methodology, and the development and adaptation of corresponding data processing software (EWI8007). Over 550ha of remotely sensed data were collected in three weeks from within a 2.5 km² area centred on Stonehenge. Many new and unexpected features were apparent in these preliminary results. These included an apparent major gap in the centre of the northern Cursus ditch; the mapped route of the palisade ditch, which seemed to reach almost to the Cursus to the north, yet not linking with the ditch section south of the A344; as well as a series of small monuments and features including a large horseshoe monument south of the Cursus; clusters of pits west of the King Barrow ridge and a series of large pits in various positions across the survey area. In particular two very large pits were discovered situated in the western and eastern ends of the Cursus monument (Stonehenge Hidden Landscapes Project Team 2015a). The third season (2012–13) of the Project involved the continued development of novel motorized geophysical measurement devices, the improvement of measurement methodology, and the development and adaptation of corresponding data processing software (EWI8008). Over 463ha of magnetometer data was collected in six weeks on National Trust land from within a 4km x 3km area centred on the Stonehenge monument field. Many new and unexpected features were apparent in these preliminary results (Stonehenge Hidden Landscapes Project Team 2015b). The fourth season of the Project (2013–14) involved the continued development of novel motorized geophysical measurement devices, the improvement of measurement methodology, and the development and adaptation of corresponding data processing software (EWI8009). The survey area was expanded to the east and west, as well as covering a small central area immediately surrounding the Stonehenge monument. Over 255ha of magnetometer data were collected on National Trust land from within an area of approximately 12km² centred on the Stonehenge monument field. A total of 971ha of magnetometer data was therefore collected over four seasons from 2010 to 2014. Many new and unexpected features were apparent in these preliminary results (Stonehenge Hidden Landscapes Project Team 2015c).

- 8.3.10 In 2001, as part of a wider project called the National Mapping Programme, archaeologists from English Heritage (now Historic England) plotted archaeological evidence from both aerial photographs and newly available LIDAR surveys. This resulted in the identification of new sites, provided additional detail to many known examples and showed that some monuments that were thought to have been destroyed by ploughing did in fact survive as shallow earthworks (Richards 2017, 166). This was followed by the Stonehenge World Heritage Site Landscape Project that commenced in 2008 and involved the English Heritage survey team carrying out ground surveys of many of the monuments that survive as earthworks. The ground surveys were also aided by geophysical work, architectural surveys and investigations, revisions to aerial photographic plots, and the revision of the GIS for the WHS. LIDAR data was also examined with a

special focus on 20th-century military activity and medieval, post-medieval, and modern impacts on the landscape. Among the important findings were the possible presence of a low mound under the south-eastern area of Stonehenge itself and the multi-phase structural nature of many of the round barrows in the surrounding landscape (Darvill 2012, 16; Richards 2017, 166–167).

- 8.3.11 This project was followed up with another round of survey work by Historic England under the auspices of the Stonehenge Southern World Heritage Site (SWHS) Southern Landscape Survey utilising aerial photography and LIDAR (Historic England 2017, 9-13). Caesium magnetometer and Ground Penetrating Radar (GPR) surveys were conducted over Diamonds Field as part of the project during a first tranche of fieldwork in autumn 2015 on sites within the Priority 1 study area (EWI8103). Both the magnetometer and GPR surveys successfully identified anomalies that correlated well with the known aerial photographs, confirming the majority of known remains and identified some additional significant activity (Historic England 2017, 14–17; Linford et al. 2015a). Caesium magnetometer and GPR surveys (EWI8107) were also conducted on Wilsford Down over Diamonds Field, Druid's Lodge Estate and Wilsford cum Lake as part of the same project. Results from both techniques were partially affected by disturbance from the former military railway crossing the western extent of the survey area, although the survey complemented records of known historic assets within the area, including previous limited fluxgate magnetometry coverage. The vehicle-towed caesium magnetometer survey (10.1ha) identified linear anomalies related to the wide spread pattern of field enclosures and land division in the area, together with a confirmation of the magnetic response of a known henge monument and the better location on the ground of a supposed Neolithic long barrow. GPR survey (6.2ha) was focused on the henge and a possible round barrow, where the data supported a more complex reuse of the original monument (Historic England 2017, 15; Linford et al. 2015b). In the following year, again as part of the Stonehenge World Heritage Site (SWHS) Southern Landscape Project, a magnetometer survey covered the majority of Normanton Down and largely confirmed the known distribution of monuments. More targeted GPR coverage provided useful information regarding the survival of the barrows and illustrated the impact of ploughing on the landscape before the current reversion to pasture (EWI8106). The long linear ditches crossing the downs shown on cropmarks proved difficult to identify, with one magnetic response appearing to be more suggestive of a track way and a series of discrete GPR anomalies to the north of the main barrow group possibly related to a Roman pit alignment. Some further detail has been revealed to the south of the site over the North Kite earthworks, suggesting buried stones or pits (Historic England 2017, 16–17; Linford et al. 2016).
- 8.3.12 This initial GPR component of a geophysical survey (EWI7078) for English Heritage was conducted over an area centred at the circle at Stonehenge as well as over three barrow groups in the same and neighbouring fields. This investigation also involved magnetometry survey (EWI7084) and further GPR survey (EWI7082). The overall geophysical investigation revealed known features such as the course of former trackways, as well as new anomalies (Linford et al., 2012).
- 8.3.13 A geophysical survey (EWI7437) undertaken to the north of Stonehenge identified entrances in both of the long sides of the Stonehenge Cursus, and provided additional information on the internal form of the round barrows in the Cursus

Round Barrow Cemetery, the course of the Avenue, the course of the 'Gate Ditch', and numerous tracks and early roads crossing the landscape. A series of previously unrecognised features were identified: a pit arc or cove below a barrow on the west side of King Barrow Ridge, a square shaped feature surrounded by pits on the east side of Stonehenge Bottom, and a linear ditch on the same solstitial axis, and parallel to, the southern section of the Stonehenge Avenue. A scatter of metallic anomalies marked the position of camping grounds associated with the Stonehenge Free Festival in the late 1970s and early 1980s (Darvill et al. 2013).

- 8.3.14 As part of the Stonehenge Southern WHS Survey, geophysical surveys (EWI8059) took place at West Amesbury. While largely reflecting the cropmark evidence, the magnetometer survey provided some additional detail and indicated one potentially unrecognised weakly magnetised ring-ditch in the vicinity of the Coneybury Henge. Neither magnetometer nor GPR technique provided any additional evidence for the three ring-ditches plotted from cropmarks to the west of the site. The GPR produced a more complex response, often dominated by the underlying geomorphology, but also revealed a more subtle pattern of linear anomalies, possibly an extension to the known prehistoric or Roman field systems. Numerous discrete anomalies recorded by both techniques provided evidence for the wide spread distribution of pits or tree throw hollows across the downland (Historic England 2016).
- 8.3.15 Recent geophysical surveys and excavations at Druid's Lodge Estate, in fields west of the Diamond Wood in the Stonehenge Southern World Heritage Site (SSWHS) (EWI not assigned), affirmed the existence of the Winterbourne Stoke 71 long barrow and discovered a new long barrow a short distance to the south. Survey and excavation revealed internal features at both barrows and alongside aerial photography suggested that both were destroyed during later prehistory. These barrows are part of a cluster around the head of a dry valley. Long barrows in the SSWHS and environs were reviewed to contextualise these discoveries, demonstrating a diversity of internal features, barrow sizes and morphologies. Bayesian modelling was used to place the SSWHS barrows in their inter-regional chronological context (Roberts et al. forthcoming).
- 8.3.16 Between 2012 and 2015, a series of high-resolution electromagnetic induction (EMI) surveys were undertaken by Ghent University and the University of Birmingham within the core area of the Stonehenge part of the World Heritage Site. The first stage of this work consisted of manual coring and manual geophysical sounding aimed at calibrating and validating the EMI survey results (EWI8780). This work demonstrated that limited invasive calibration made it possible to transform geophysical data into concrete geological and archaeological information. Evaluation of the borehole evidence demonstrated the potential of augering and EMI survey for understanding the evolution of the Stonehenge landscape. It was also determined that reasoned analysis of subtle geophysical features aided the recording and interpretation of ephemeral archaeological traces (De Smedt 2017a). Various methodological issues were resolved as the project progressed and 20 Scheduled Monuments were investigated (De Smedt 2017b) (EWI8790). This was followed up by excavation to test geophysical anomalies near Stonehenge north of the A303 in 2017 (Pitts 2018, 5).

- 8.3.17 In advance of proposed new A303 road tunnel development, a number of arable fields covering a total area of 227.8ha were identified for survey. The anomalies identified by a detailed gradiometer survey (EWI8802) were primarily ditch-like features which took a number of different forms and dated to a variety of different periods. These largely corresponded with known archaeological remains derived from aerial sources and represented complexes of prehistoric funerary monuments. Evidence for field systems, settlement, a Roman building and a variety of other significant archaeological features were also identified. Several former field boundaries correlated with Ordnance Survey mapping and aerial photography for the scheme and areas of increased magnetic response, superficial geological deposits, agricultural ploughing trends and numerous modern services were also located. The GPR survey was targeted over eight areas where significant archaeological features were encountered. The majority of these related to funerary monuments in the form of Neolithic long barrows and Bronze Age round barrows. The results of this GPR survey confirmed this interpretation and provided additional detail regarding their character and extent. In some cases, it also identified additional possible archaeological features within the monuments that were also likely to be of significance (Wessex Archaeology / AAJV 2016 and 2017).
- 8.3.18 Also in advance of the current proposed road development a number of other arable fields covered a total area of 97.1ha. The GPR survey (EWI not assigned) was targeted over five areas within SW6 where significant archaeological features were identified. The majority of these were thought to relate to funerary monuments in the form of Bronze Age round barrows. The results of these GPR surveys confirmed this interpretation in three of the five areas and provided additional detail regarding their character and extent (Areas 11, 13 and 15). In the remaining areas (Areas 12 and 14), the possible ring-ditch features identified in the gradiometer survey were shown to be more likely associated with modern ploughing activity (Wessex Archaeology / AAJV 2017).
- 8.3.19 Another site comprises two arable fields covering a total area of 18.9ha. Geophysical survey (EWI not assigned) was undertaken between 12 and 25 September 2017 when conditions for data collection were generally good with the field under short stubble. The multi-channel GPR survey detected a high density of anomalies of archaeological origin across the survey area, including some significant sites relating to the prehistoric funerary landscape of the WHS. These largely corresponded with known archaeological remains identified from aerial sources and represented complexes of prehistoric funerary monuments. In addition, two further previously unidentified funerary monuments were also located. Evidence was also identified for a lynchet, drainage, and a former field boundary that correlated with Ordnance Survey mapping and aerial photography for the scheme. Areas of superficial geological deposits, agricultural ploughing trends, and evidence of previous archaeological investigations were also located (Wessex Archaeology / AAJV 2018).

8.4 Earthwork survey

- 8.4.1 As part of the Stonehenge WHS Landscape Project led by English Heritage, a number of areas were covered by detailed earthwork surveys. One area was surveyed in April 2009 and further details were added in June 2010. The area contains the earthworks of part of the Cursus Barrow Group (Late Neolithic and Early Bronze Age round barrows in a linear arrangement), sections of a post-

medieval road and two dewponds, and early 20th-century military training facilities (Amadio and Bishop 2010, EWI7031). The area covered by the barrows at Winterbourne Stoke Clump was surveyed as part of the same project. This has revealed previously unrecorded features and demonstrated some chronological relationships between the barrows (Bax et al. 2010, EWI7758). Much of the Normanton Down Barrow Group was also surveyed as part of the Stonehenge WHS Landscape Project (Barrett and Bowden 2010, EWI7761). Analytical survey of the ground surface at Stonehenge also revealed the presence of a number of interesting earthworks that had a bearing on the interpretation and the development of the monument (Field and Pearson 2010, EWI7763; Darvill 2012, 16; Field et al. 2014a). Also as part of the Stonehenge World Heritage Site Landscape Project, a survey of the earthworks on Stonehenge Down, including those in the immediate environs of Stonehenge recorded well preserved barrows, as well as a number of examples previously thought to have been levelled, along with traces of part of the First World War Royal Flying Corps aerodrome. In addition, earthworks relating to cottages constructed for the Stonehenge custodians were identified along with a number of trackways, most of which were overlain by ridge and furrow, the result of cultivation during the 19th and 20th centuries (Pearson and Field 2011, EWI6924; Field et al. 2014a).

- 8.4.2 Further analytical earthwork survey and investigation of the area to the north of Stonehenge (EWI7107) revealed several zones of archaeological interest. Chief among these and well-known is the Avenue which, for the first part of its course, survives as an earthwork, being more substantial closer to Stonehenge than elsewhere. The lack of hollowing where the Avenue passes over a steep bluff at the 'elbow' was highlighted, raising the question of the degree to which the Avenue was ever a heavily used route, either for stone moving or processions. The degree of later damage to the Avenue through use as a trackway and by cultivation at various times in the past has become evident. Earthworks associated with an 18th-century road and a 20th-century group of agricultural buildings were recorded. In Stonehenge Bottom quarrying disturbed earlier remains, but on the western slopes a series of terraces and platforms may be related to buildings associated with agriculture in the area. On the eastern slopes of the valley a number of barrows, trackways and other features were surveyed along with traces of a possible enclosure close to the valley floor (Field et al. 2012).
- 8.4.3 Rapid survey of three areas on Boreland Farm was undertaken as part of the Stonehenge WHS Landscape Project (EWI7557). Barrows, field systems and linear ditches were investigated, as well as elements of the more recent landscape. The opportunity was taken to report a previous survey of the nearby long barrow, Wilsford 34. The most significant issues raised were the previously accepted relationships between the Lake Barrows and adjacent linear ditches and the existence of the 'North Kite' enclosure. A more conventional relative chronology between the barrows and the linear ditches was suggested at the time but more detailed survey was recommended to resolve this issue satisfactorily; in the light of results from aerial survey it was suggested that the 'North Kite' was a fortuitous survival of linear ditches which were otherwise ploughed out before the first maps and antiquarian records were made (Bowden et al. 2012).
- 8.4.4 An earthwork survey of Vespasian's Camp was undertaken by Historic England as part of the Stonehenge Southern WHS Survey in 2015. Though it had been well mapped by the Ordnance Survey and limited geophysical survey was carried

out in 1995 (EWI84), no modern archaeological survey had previously been undertaken (Cole 1995; Historic England 2017, 29-33).

8.5 Structural survey

- 8.5.1 A photogrammetric survey (EWI7791) of the stones of Stonehenge was carried out by English Heritage in order to digitally record them, generate a three-dimensional model and investigate the capabilities of the software in relation to the task (Bryan and Clowes 1997). Archaeological analysis of laser scan data (EWI7810) of Stonehenge was carried out subsequently by English Heritage in collaboration with ArchHeritage, a consultancy based in Sheffield. This identified more than double the number of previously known axe-head carvings, and more insights into the methods of stone-dressing used by Stonehenge's builders (Abbott and Anderson-Whymark 2012; Parker Pearson et al. 2015, 140).
- 8.5.2 One of the big issues concerning Stonehenge, where the stones came from, when and why can only really be answered by investigations not at Stonehenge itself but at rock sources elsewhere. Most of this work has focused on the bluestones. Geologists Rob Ixer and Peter Turner have shown that the Altar Stone is of Devonian sandstone and possibly from the Brecon Beacons. Ixer has also worked closely with Richard Bevins on the bluestones, which are of volcanic origin, matching chippings and pillars at Stonehenge with specific outcrops in Pembrokeshire, south Wales. This research led to the discovery of a megalith quarry at Craig Rhos-y-felin as well as the locations of other quarries at Carn Goedog and Cerrig Marchogion on the north flank of the Preseli Mountains. A review of samples from the Altar Stone confirmed that it was a fine-to-medium grained calcareous sandstone of the kind found in the Senni Beds of south Wales. An examination of finds from the Cursus Field collected in 1947 and from excavations by the Stonehenge Riverside Project in 2006 and 2008 confirmed that much of the material could be matched with samples from Stonehenge (Darvill 2012, 19–20; Parker Pearson 2013, 80–81; Parker Pearson et al. 2015, 106–107, 142–3). Paul Robinson in 2007 reported the results of petrological studies of 21 stone items from the Devizes Museum collections that were thin-sectioned by the Implement Petrology Committee of the South Western Federation of Museums and Art Galleries in the late 1950s. This included material from barrows in Wilsford, Shrewton, and Winterbourne Stoke. An examination of spotted dolerite axeheads from southern England suggests that some may have been made from pieces of Stonehenge rather than introduced from more distant sources (Darvill 2012, 20).

8.6 Evaluations

- 8.6.1 Extant earthworks and buried archaeological features were identified by geophysical survey and on aerial photographs on sections of the A303 between Amesbury and Berwick Down being considered for improvement in the early 1990s. Three areas (A-C) were investigated through trial trenching (EWI5927). Archaeology in Area A consisted of a linear ditch and bank, and pieces of Bronze Age and Roman pottery were found in the topsoil. Trenches in Area B investigated a known, and scheduled, long barrow and showed it to be severely disturbed. Some modern features, including a post pit, were found associated with this long barrow. Some antler fragments were recovered from the topsoil. Area C contained two known and scheduled round barrows, and one of these was investigated by trenching. This found that the barrow survived well and had not

been too disturbed. Worked flints and Bronze Age pottery sherds were recovered in association with this monument. All of this work established the sequencing and construction phases of the earthworks and barrows (Wessex Archaeology 1993).

- 8.6.2 An archaeological evaluation (EWI4252) in the early 1990s at the site of the then proposed Stonehenge Visitor Centre, Site 12, consisted of hand-dug test pits, machine-excavated linear trenches, fieldwalking and auger survey. Concentrations of artefacts were found in three fairly distinct areas. One focus of activity, south of King Barrow Ridge, included a square enclosure and a linear ditch, associated with a concentration of artefacts (Crockett and Davies 1993). A small number of auger bores (EWI287) were taken at Stonehenge. The survey identified the presence of a Neolithic ground surface under the bank and a previously unknown feature outside the excavated areas. In addition, the composition of the counterscarp bank was established (Wessex Archaeology 1994).
- 8.6.3 An archaeological evaluation (EWI5649) of Areas A, B, C and D of the 2002 Preferred Route of the A303 Stonehenge Improvement revealed agricultural boundaries, a small number of pits and two postholes. Two possible ring ditches seen on the geophysical survey were located by the trenches, but were not dated (Wessex Archaeology 2002b). Another evaluation (EWI5650) in Areas L and O consisted of the excavation of 23 trial trenches, targeted on the basis of previous surveys. Archaeological features and deposits of Neolithic, Bronze Age, Iron Age and Romano-British date, along with a number of undated features, were identified in 18 of the evaluation trenches. A wide distribution of features and deposits was recorded in Area L, although more features were found in the westernmost field of Area L, to the west of a major cropmark boundary feature; the geophysical survey also recorded an increased number of anomalies, both linear and pit-type, in this field. This broad spread of features appears to represent sporadic and extensive activity across a wide time range. The finds assemblages recovered were generally small, suggesting that there was no major centre of activity, such as a settlement, within the evaluation area. The low levels of environmental remains recovered from the soil samples appear to confirm this. In Area O, the prehistoric boundary ditch was found to survive well as a subsurface feature. Possible ephemeral traces of the former Larkhill Military Light Railway were also recorded (Wessex Archaeology 2002c). Evaluation in Area P (EWI5651) revealed only four features of archaeological interest. Two possible Middle Bronze Age rubbish pits in Trench 2 at the western extent of Area P appeared to be related to the undated field system associated with the settlement at Longbarrow Roundabout. Two Early Bronze Age Beaker burial pits located in Trench 15 at the eastern extent of Area P clearly related to the previously excavated Bronze Age round barrow. Excavation of an additional trench close by found only natural features, suggesting that the burials did not form part of any extensive flat cemetery here. The objects recovered comprised primarily Beaker vessels and human bone from the Early Bronze Age burial pits in Trench 15, together with Middle Bronze Age pottery, animal bone, burnt flint and worked flint of Neolithic-Bronze Age date from the two pits in Trench 2 (Wessex Archaeology 2002d).
- 8.6.4 An evaluation (EWI111) at the Amesbury Business Park confirmed the presence of seven ring ditches, representing the ploughed remains of former barrows. A network of linear features was present across all areas, many of which may have

related to previously identified prehistoric land divisions and associated field systems. A late Bronze Age or early Iron Age pit was also excavated (Valentin and Robinson 2002). Another archaeological evaluation (EWI130) on the preferred route of the A303 Stonehenge improvement involved aerial photography, fieldwalking and geophysical survey. This work indicated the survival in Area C1 of an enclosure complex of likely prehistoric and Roman date, together with a multi-period field system extending over some five hectares. All six of the trenches excavated contained archaeological features, ranging from small post holes to large boundary ditches (Cooke and Moore 2002). In another evaluation (EWI131) associated with proposed improvements to the A303, features of archaeological interest were uncovered in four of the 29 trial trenches. These included a buried linear ditch previously recorded from cropmark evidence, a gully, an irregular linear feature thought to be a former hedgeline, a former hollow way and associated cart ruts, and traces of the former Stonehenge Airfield (Wessex Archaeology 2002e). Four trenches were excavated (EWI314) along the line of a proposed gas pipeline in the vicinity of the River Avon. The first trench revealed evidence of prehistoric activity in addition to substantial evidence for a rural Roman settlement contained within a late prehistoric enclosure. The second was placed across an Iron Age enclosure. The remaining two revealed little or no archaeological evidence (Wessex Archaeology 1991).

- 8.6.5 Again in relation to proposed road improvements to the A303, archaeological features were recorded in 24 evaluation trenches in areas designated as 1, 2, 3 and 4 (EWI5935). The majority of these were undated and comprised mostly agricultural boundaries, notably a series of negative lynchets in Areas 2, 3 and 4. Although undated, the earliest features encountered were likely to be prehistoric land divisions in Area 4, probably related to the known later Bronze Age settlement at Longbarrow Roundabout. Possible settlement-related activity in Area 2 comprised an enclosure ditch and associated pit and a single posthole, all undated; no evidence was found for any activity associated with the adjacent enclosed settlement (Area C1). Iron Age finds from a pit and tree throw north of Manor Farm in Area 3, together with an undated boundary ditch, may also suggest settlement-related activity. An enclosure ditch in Area 4, dated to the later prehistoric or Romano-British period, may be related to a group of ring ditches seen to the south of the Proposed Route on aerial photographs. The lynchets in Areas 2, 3 and 4 formed part of an extensive series of strip fields visible on aerial photographs and were likely to be of medieval date, representing open-field arable cultivation to the north-west and north-east of Winterbourne Stoke. The few finds recovered across the evaluation areas included burnt flint, Late Neolithic/Bronze Age flintwork, a fragment of quernstone of later prehistoric date and pottery of later prehistoric, Romano-British, medieval and post-medieval dates (Wessex Archaeology 2003b).
- 8.6.6 There was an archaeological evaluation (EWI5976) of Drainage Treatment Areas (DTA) 2 and 6. In DTA 6 a former river terrace defining the back of a former floodplain of the River Avon was revealed. On the terrace edge a relict brown forest soil of Holocene date contained a flint scatter of Late Mesolithic/Early Neolithic date. The survival of a forest soil with an associated near-in situ flint assemblage is unprecedented within the WHS and the deposit offers good potential for the survival of palaeo-environmental evidence (Wessex Archaeology 2003c).

- 8.6.7 In advance of the proposed Stonehenge Visitor Centre at Countess East on the outskirts of Amesbury, significant archaeological features were revealed in 20 of the 81 trenches (EWI6555), with a total of 28 features and deposits dating from the Neolithic through to the post-medieval period (Wessex Archaeology 2003). Further archaeological evaluation (EWI6564) in advance of the proposed Stonehenge Visitor Centre at Countess East involved the excavation of 13 trial trenches. The only features recorded were a short ditch and a substantial assemblage of worked flint, and a sunken featured building of Anglo-Saxon date (Wessex Archaeology 2004).
- 8.6.8 Following two phases of geophysical survey at the Druids Lodge Polo Club, 20 trenches (EWI7029) were targeted on probable archaeological features. Three trenches were also positioned within an area of fill in the south-east corner of the site, to provide further information on the archaeology. The evaluation has established that archaeological features comprising two enclosures, pits, ditches and a possible trackway are present across the site. The earliest evidence of activity dates to the early Bronze Age and although this was largely found residually amongst later Romano-British pits, in two of the ditches no other datable finds were recovered suggesting a low level of early prehistoric activity across the site. Two trenches targeted on the enclosure in the south-east corner of the site have confirmed an Iron Age date. A substantial double ditched feature enclosing the settlement was recorded and partially excavated. One storage pit and several further pits and postholes indicative of settlement activity were recorded within the interior of the enclosure. The archaeological remains encountered close to the enclosure located just off the north-west side of the site date mainly to the Romano-British period. The fieldwork has also demonstrated that there is a good correlation between the geophysical results and the presence of actual archaeological remains on the site (Milward et al. 2010).
- 8.6.9 At Longbarrow Roundabout, the line of a ditch of probable Late Bronze Age was confirmed by trench evaluation (EWI7883). Nothing was found to confirm its date. A further ditch cut through the tertiary fills of the ditch. Work also recorded a number of field boundary ditches associated with 'Celtic' field systems. Molluscan analysis was also carried out (Harding and Farr 2014).
- 8.6.10 As part of the archaeological evaluation of the current A303 Amesbury to Berwick Down road project, areas designated as SW1 and SW2 were targeted (EWI8672). The locations of two Early Neolithic long barrows were investigated and confirmed during the evaluation within SW2. The barrow located at the northern end of SW2 (Barrow 1) had been identified by the National Mapping Programme and confirmed by geophysical survey, while the barrow located at the centre of SW2 (Barrow 2) had been identified by recent geophysical survey. Two trenches were opened across both monuments, two slots excavated through the ditches of Barrow 1 and four slots at Barrow 2. It was also noted that areas of higher natural chalk between the flanking ditches and a redeposited reverse sequence of chalk and topsoil (within one of the Barrow 2 ditches) are a probable indicator of a once present earthwork. Another significant nearby feature in SW2, a small penannular ditched monument identified by geophysical survey was also located and confirmed during the evaluation. The evaluation indicated that it was closely associated with two cremation burials, one clearly pre-dating one of the ditch's terminals, the other located just behind the terminal. Beaker pottery was recovered from the main monument ditch. Further notable features included two small pits containing Beaker/Early Bronze Age pottery plus worked and burnt flint

from the vicinity of Barrow 1. All of the recorded features in area SW1 were ditches. Most substantial was a Wessex linear boundary ditch running north-east-south-west considered to be of Late Bronze Age/Early Iron Age in date. Other ditches were recorded running roughly perpendicular to it towards the north-west. Similar ditches were recorded by the geophysical survey in SW2, where they appeared to form at least two long wide fields. Dominant features mapped from aerial photographs around SW2 comprise a dense rectilinear arrangement of much smaller fields, none of which were identified in the evaluation trenches, suggesting that the cropmarks probably represented lynchets, rather than ditches. A number of shallow north-south linear features recorded on the western side of SW2 appear to be associated with the early 20th-century Larkhill Military Light Railway (Wessex Archaeology 2017b).

8.6.11 Also as part of the archaeological evaluation for the current A303 Amesbury to Berwick Down, work was undertaken within three investigation areas of the WHS referred to as SW1, SW2 and NE2 (EW18787). A total of 94 trenches were opened, 35 within SW1, 32 within SW2 and 27 within NE2. The trenches were positioned to target both known and potential features and to sample 'blank' areas. Previous survey techniques highlighted that known archaeology could be expected in all three areas, although NE2 suggested limited potential. This was mirrored in the results from the trench evaluations, where only a single feature was recorded from area NE2 despite the proximity to the Avenue and other known monuments. In addition, bulk soil samples were taken from the centre points of each trench for the controlled recovery of lithics and other finds, in order to provide some comparison with the results of previous field walking investigations. Archaeological features included: two Early Neolithic long barrows; a small penannular ditched monument; two small pits containing Beaker/Early Bronze Age pottery of Late Neolithic/Early Bronze Age date plus worked and burnt flint, and various ditches including a Wessex Linear boundary ditch. The evaluation identified features that contribute to the Outstanding Universal Value of the WHS, the long barrows and penannular ditch in particular. Under a detailed programme of research excavation, SW2 has a high potential to provide important new information about Neolithic and Beaker/Early Bronze Age monument construction and use, and prehistory settlement and land use. The evaluation suggests that NE2 has a lower potential for archaeological features (Powell 2017).

8.7 Excavations

8.7.1 A number of excavations have been carried out in advance of development. Prior to the construction of a new business park and new A303 road junction on the eastern outskirts of Amesbury, the excavation (EW1987) of seven Bronze Age ring ditches, associated burial pits and linear and other subsoil features was carried out (Valentin 2004). At Oatlands Dairy Unit on the Druid's Lodge Estate sampling and hand excavation (EW16075) of potential features was undertaken in order to establish the location and nature of the archaeology. Two well defined sub-circular pits were excavated to the south of the site together with one sub-square pit to the north. All three features were dated to the Beaker period and exhibited a similar sequence of deposition and good preservation of environmental remains (Wakeham 2004).

8.7.2 The largest research project undertaken in the Stonehenge landscape during the 2000s was the Stonehenge Riverside Project led by Mike Parker Pearson and

colleagues Josh Pollard, Colin Richards, Julian Thomas, Chris Tilley and Kate Welham in a joint venture involving a number of university archaeology departments (Parker Pearson et al. 2015, 134). This ambitious project, funded over several years to the amount of £750,000 sometimes involved as many as 160 diggers in the field during summer excavations (Richards 2017, 157). This involved the excavation of 42 trenches throughout the area as well as conducting widespread geophysical survey (Chan and Parker Pearson 2014, 48). Excavations were concentrated on the entrances to Durrington Walls, along the ridge south of Woodhenge, at the Cuckoo Stone, at the west end of the Stonehenge Greater Cursus, and within the relict river channel of the River Avon adjacent to Durrington Walls. Geophysical surveys were completed at Durrington Walls and were carried out around the Cuckoo Stone and south of Woodhenge, at the east of the Greater Cursus, the southwest end of the Stonehenge palisade, the area immediately in front of Stonehenge and at the 'elbow' of the Stonehenge avenue. Geological study of the Welsh bluestone chippings from the south of the Greater Cursus has shed new light on the sources in South Wales (Parker Pearson et al 2007a and b, EWI7317; Darvill 2012, 14–16).

- 8.7.3 In the following year (2008), a number of investigations were again undertaken as part of the Stonehenge Riverside Project (EWI7594). These involved the retrieval of cremation bone from Aubrey Hole 7 as well as investigations at the Stonehenge Avenue Bend, the Stonehenge Avenue towards the River Avon, the sarsen-dressing area just north of Stonehenge; the Greater Stonehenge Cursus and Amesbury 42 Long Barrow, the Stonehenge Avenue's so-called 'Northern Branch', and the Stonehenge Palisade (Parker Pearson et al. 2008; Darvill 2012, 14–16). The cremations from Aubrey Hole 7 revealed a minimum of 63 men, women and children deposited at Stonehenge over five centuries between 3000 BC and 2700 BC. These remains were excavated in 1921–26 by William Hawley, and in 1935 Hawley's assistant, Robert Newall, placed all the cremated remains found in Aubrey Hole 7 as he was worried that no museum would take them (Darvill 2012, 14–16; Parker Pearson et al. 2015, 140; Richards 2017, 178–180). Also in 2008 a trench was excavated across the Stonehenge Avenue, revealing a series of deep narrow channels in the chalk, running along the centre of the Avenue, parallel with its solstitial axis. These were periglacial fissures naturally formed in a previous Ice Age and subsequently filled with fine chalk-derived sediment. These fissures below ground surface may have caught the attention of hunter-gatherers when during dry weather, the grass became parched on what was then a very thin post-glacial soil, the fissures showing up as coloured stripes (Parker-Pearson 2013, 79–80; Parker Pearson et al. 2015, 42–3; Richards 2017, 165). Another feature of the Riverside Project was the investigation of a field immediately north of Stonehenge beyond the line of the now removed A344 where evidence was found of a sarsen-dressing area. Sample excavation revealed a mass of stone chippings, mainly of sarsen, together with 50 hammer stones. Within the excavated area a band of chipping-free chalk clearly showed the outline of a stone, shaped and then moved off to take its place in the Stonehenge complex around 2500 BC (Darvill 2012, 14–16; Richards 2017, 165). Test pits and trenches (EWI7784) were excavated at the end of the Stonehenge Avenue beside the River Avon discovering a lost bluestone circle which has become known as Bluestonehenge. The stones had been removed in prehistory, but the sizes and shapes of their empty sockets indicate that these formerly held Welsh bluestones. The bluestone circle was succeeded by a henge, comprising a

circular ditch 23.4m wide with an external bank (Parker Pearson et al. 2009; Darvill 2012, 14–16).

- 8.7.4 Excavation (EWI7811) was carried out within the stone circle at Stonehenge itself to date the construction of the Double Bluestone Circle as part of the SPACES project (Strumble-Preseli Ancient Communities and Environmental Study) led by Timothy Darvill and Geoffrey Wainwright in 2008 (Darvill 2012, 17–18; Parker Pearson et al. 2015, 135 and 140; Richards 2017, 177–178). The project sought to examine, characterise, and date identified bluestone extraction sites, associated monuments, and nearby settlements on Carn Meini in Pembrokeshire, and to examine the relationships between these places and water sources within and around the eastern Preseli ridge. The central research questions were as follows: when were the spotted dolerite pillar stones taken from Preseli to Stonehenge; by whom; in what context and why? Moving beyond Stonehenge is considered critical to resolving issues of structure, significance and importance (Darvill 2012, 18). A provisional working date of around 2300 BC for the construction of the Double Bluestone Circle was suggested, while it was argued that the history of the site was far more complex than had been allowed for in existing interpretations, with a multiplicity of overlapping and intercutting (though not continuous) events including substantial late Roman, medieval and early modern activity (Darvill and Wainwright 2009; Darvill 2012, 17–18; Richards 2017, 177–178). A small-scale excavation (EWI8146) used a single trench to investigate an area adjacent to Stones 9 and 10 and 34 and 35a, to clarify the date of the Double Bluestone Circle, and to document the history of the bluestones through later phases. 15 bedrock cut features were found, in the bottom of one of which was a coin of Constantius II c.338 AD. Medieval, post-medieval and modern features representing stone robbing and antiquarian investigation were found across the trench (Darvill and Wainwright 2009; Darvill 2012, 18; Richards 2017, 177–178).
- 8.7.5 As part of the Stonehenge Environmental Improvements Project, archaeological excavation (EWI8149) during the removal of the A344 road adjacent to Stonehenge revealed short lengths of the Stonehenge Avenue ditches, and a part of the outer edge of the ditch that encircles the Heel Stone. All had been truncated by the construction of the road. No traces of the Avenue's internal banks survived, although these were reflected in the profiles of the ditches' fill. Small pieces of Bluestone, and one of Sarsen, were recovered from the upper levels of the Avenue ditches. The old visitor facilities and structures at Stonehenge were subject to Level 1 building recording prior to their demolition. The Grade II listed Airman's Cross memorial, which commemorates the first fatal military aviation accident, on 5th July 1912, was photographed in situ and during lifting, as was the adjacent unlisted milestone (Powell 2014; Powell and Farr 2016).
- 8.7.6 Excavations (EWI7804) at the Old Dairy on London Road in Amesbury produced unexpected evidence for multi-phase activity, much of it linked with funerary use, extending from at least the Middle Neolithic to the Anglo-Saxon period. The earliest activity included two Middle Neolithic pits, one of which contained Peterborough Ware pottery. Three large ring ditches of Bronze Age date were recorded, and appear to represent a previously unrecorded funerary complex located in an area that already boasts some of the densest concentrations of such monuments in the country. The largest ring ditch measured 28m in diameter. The site also revealed a small Anglo-Saxon inhumation cemetery spanning the late 7th

to early 8th centuries. Five inhumations, most with grave goods, were arranged around a central inhumation burial. This burial, which was surrounded by a shallow ring ditch, was heavily disturbed and the bones rearranged, possibly within the Anglo-Saxon period (Wessex Archaeology 2014).

- 8.7.7 Excavation (EWI8052) uncovered preserved Mesolithic deposits suggesting a possible settlement of that date a short distance north-east of an Iron Age fort called Vespasian's Camp (Jacques et al. 2010). Further fieldwork (EWI8473) involved the opening of a series of small trenches in a silted up spring head on the flood plain of the River Avon. The main finding of the fieldwork was the discovery of a Mesolithic site, evidenced by sealed deposits within three trenches (Trenches 19, 22 and 23). In Trench 19 the Mesolithic layer spread over the entire trench (approximately 6m x 3m) and comprised high densities of struck flint (c.10,000 pieces), burnt flint, and an unusually large assemblage of faunal remains in which aurochs were predominant. Trenches 22 and 23 were located c.30m to the east and north of Trench 19. Trench 23 in particular contained a large assemblage of flintwork, 1018 pieces from a single 1m square area. A series of five radiocarbon dates obtained from the animal bone in Trench 19 covered a period of c.2800 years (7593 – 4695 cal. BC). A limited walkover survey on the western ramparts of the nearby hillfort led to the finding of over 50 sherds of Iron Age pottery, which extended the range of the Iron Age occupation of the site from the Early Iron Age through to 50 BC. In addition, previously undiscovered prehistoric field systems were identified to the east of the hillfort (Jacques and Phillips 2013). Further small scale fieldwork (EWI7131) at Blick Mead close to the River Avon near Amesbury revealed various finds and possible features including Mesolithic flint and a Bronze Age dagger fragment deposited in a spring (Jacques and Phillips 2014). Additional fieldwork (EWI8064) at Blick Mead comprised a single excavation trench, Trench 24, situated on a terraced area to the north-west of a spring head where previous excavations yielded Mesolithic flintwork and animal bone (Jacques et al. 2015). To date, in an area of only 16sq. m, over 34,000 worked flints have been recovered, from long elegant blades to tiny carefully produced microliths made as barbs or points on arrows and spears (Jacques et al. 2018; Richards 2017, 171).
- 8.7.8 As part of the Stonehenge Southern WHS Survey, the Historic England Excavation and Analysis team undertook excavations (EWI8150) on three separate sites to the south of the A303, one in Druids Lodge and the other two in West Amesbury. These areas were selected on the basis of extensive geophysical surveys. The western area, Druids Lodge, was planned to investigate four particular features through five trenches. These were a large pit-like anomaly, some ditches from a wider field system, the terminus of a substantial ditch, and a series of pits around a bowl barrow (a scheduled monument). The West Amesbury Farm excavations were focussed on an area south of the A303 and targeted a square enclosure ditch, a linear boundary and pits, either end of a hooked ditch and a linear boundary ditch. There were also a number of other features, probably natural in origin, including tree throws (Historic England 2017, 19–28; Roberts et al. 2016).
- 8.7.9 A number of significant excavations have taken place outside the Wold Heritage Site; for example, excavation at Bulford uncovered two adjacent henge monuments with ring ditches 16 or 17m in in diameter; centuries later both were converted into early bronze age burial mounds (Historic England 2017, 36–38; Pitts 2018, 8). Recent fieldwork has challenged the perception that the ancient

landscape around Stonehenge was hemmed in between the rivers Avon and Till. A great number of burials have been found on the chalk overlooking the eastern side of the Avon, often with no barrows over them. Among them is the most impressive Beaker burial in Britain, the Amesbury Archer with his exceptional collection of 150 artefacts (Pitts 2018, 9). Other burials include that of three infants huddled together in a pit at Larkhill Garrison, where another pit held the nested remains of three cattle. On Boscombe Down, a teenage girl was laid to rest with a necklace of 90 amber beads (Pitts 2018, 9). Excavation by Wessex Archaeology in advance of development for the Army Basing Programme at Larkhill Garrison has revealed a Beaker inhumation, a middle Bronze Age cremation cemetery, a very small ring-ditch, the extensive remains of military practice trenches, as well as most notably the ditch of an early Neolithic causewayed enclosure measuring c.210m in diameter (Historic England 2017, 39–40).

8.8 Other work

- 8.8.1 In 2007–8 English Heritage compiled a preliminary catalogue of human remains excavated from within the Stonehenge Landscape that were datable to the period 3700 – 1600 cal BC. Contacts with museums and other institutions that might hold relevant material provided the main sources of information. Four ‘standard boxes’ and fourteen ‘skull boxes’ of disarticulated remains from more than 30 different sites were examined and considered to have little further research value. Some 116 articulated skeletons were identified, of which about half were found to be in good condition and all having potential for further work. A total of 123 cremation deposits were assessed, many of which had not previously been studied (Darvill 2012, 17).
- 8.8.2 The Beaker People Project/Beaker Isotope Project: mobility, migration and diet in the British Early Bronze Age was an interdisciplinary project based at the Universities of Sheffield and Durham, and the Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany. The project aimed to resolve the ‘immigration versus local development’ problem among Beaker populations in Britain and, in doing so, transform understanding of economy and society at the time of Stonehenge by studying mobility, diet, and health. The objectives of the project were, firstly, to systematically sample a large proportion of the surviving, well-preserved skeletal remains of the Beaker period for a comprehensive range of isotopes relating to the reconstruction of individuals’ diet and mobility; secondly, to systematically record and/or reassess these individuals’ dentition (through studies of microwear and macrowear) and skeletal remains which will shed light on diet, health, trauma, physical stress and funerary manipulation; and, thirdly, to improve knowledge of these individuals’ social and temporal contexts through the systematic study of their burial contexts, circumstances of discovery and chronology. Around 250 individuals from five geographical areas (Scotland, East Yorkshire, Wessex, Wales, and the Peak District) were studied. Preliminary results suggested some movement of people (Darvill 2012, 17).
- 8.8.3 The relative significance of solar and lunar orientations embedded in the architecture of Stonehenge has long been a subject of interest, and it remains so. In the 1960s, claims were made for Stonehenge’s role as an astronomical observatory or computational calendar. From Alex Thom’s astronomical investigations to Gerald Hawkins’ suggestion in his book *Stonehenge Decoded* among other things that the circle of Aubrey Holes could be used to predict lunar

and solar eclipses, Stonehenge gained a reputation as being a repository of ancient knowledge (Parker Pearson 2013, 75). Following on from Hawkins, the astronomer Fred Hoyle developed his own model of astronomical prediction at Stonehenge in the 1970s (Parker Pearson 2013, 75). Since then these theories have been undermined by the arrival of archaeoastronomers such as Clive Ruggles who could bring expertise in both archaeology and astronomy to bear on the problem (Parker Pearson 2013, 75). They argued not only for understanding the role of basic astronomy within its cultural context, but also developed a critical means for assessing and evaluating competing astronomical claims (Parker Pearson 2013, 75). Stonehenge was the subject of a detailed archaeoastronomical case study by Clive Ruggles and Amanda Chadburn which identified ten astronomical sightlines within the Stonehenge WHS, associated with the Stonehenge stone circle, the Avenue, the Station-Stone, Woodhenge and the Southern Circle at Durrington Walls (Ruggles and Chadburn 2017, 54).

8.9 Summary of archaeological investigations since 1990

- 8.9.1 Table 8-1 below summarises archaeological investigations (or 'events') that have been undertaken within, or intersect with, the study area. Investigations dating to 1990 and subsequently are listed; older surveys are not included. The list focuses on field-based investigations, omitting desk-based studies (including air photo analyses) or syntheses of existing data. The table also omits non-field based research projects, for example petrographic studies of the Stonehenge monument, or flint assemblage analyses. Event ID and report numbers are those assigned by the Wiltshire and Swindon Historic Environment Record (WSHER).
- 8.9.2 The methodology, where summarised in the HER, is given for evaluations, geophysics and fieldwalking surveys. No detail is given for either watching briefs or excavations, since these will have conformed to a standard methodology.

Table 8-1 Archaeological investigations within the Study Area

HER Event ID	HER Report. No.	Organisation	Type	Survey Year	Report Title	Method	Summary
EWI84	1995.075	English Heritage Ancient Monuments Laboratory	Geophysics	1995	Cole, M, 1995, <i>Vespasian's Camp, Amesbury, Wiltshire. Report on Geophysical Survey.</i>	Not specified in HER.	Magnetometer and resistivity surveys were undertaken in the southern part of Vespasian's Camp. A semi-circular feature, 30m in diameter, was discovered abutting the southern rampart and is perhaps the remains of a Bronze Age barrow.
EWI99	2002.007	Wessex Archaeology	Watching Brief	2001	Wessex Archaeology, 2002, <i>A303 (T) Amesbury Bypass, Wiltshire.</i>	Watching Brief.	An archaeological watching brief was undertaken during the mechanical cleaning of the roadside ditch, adjacent to the eastbound carriageway of the A303(T). The watching brief identified five archaeological features: a pair of ditches belonging to the round barrow, a section of the Avenue ditch, a shallow linear feature and a small early Iron Age pit.
EWI101	2001.78	GSB Prospection	Geophysics	2001	Harvey, L, 2001, <i>A303 Stonehenge VI. Geophysical Survey Report.</i>	85ha. Detailed gradiometer survey. 0.5m intervals along traverses 1m apart (800 readings per 20m x 20m grid). Detection up to 1m depth.	Three survey blocks within the proposed road corridor contained anomalies of archaeological interest; the continuation of a large settlement complex, a clear ring ditch, two bowl barrows and a section of 'The Avenue'. Additionally, a number of possible relict field systems and ridge and furrow cultivation were identified.
EWI102	Not given in HER	GSB Prospection	Geophysics	2001	Not available	Magnetometry.	No information on HER.
EWI111	2002.021	AC Archaeology	Evaluation	2002	Valentin, J, and Robinson, S, 2002, <i>Amesbury Business Park, Folly Bottom, Amesbury.</i>	Not specified in HER.	The evaluation confirmed the presence of seven ring ditches, representing the ploughed down remains of former barrows. A network of linear features was present across all areas, many of which may relate to previously identified prehistoric land divisions and associated field systems. A late Bronze Age or early Iron Age pit was also excavated
EWI129	2002.053	Wessex	Evaluation	2002	Wessex Archaeology, 2002, <i>Stonehenge Visitor Centre, Amesbury, Wiltshire. Archaeological Mitigation of Ground Investigation Works.</i>	One 1x1m test pit; fifteen 3mx3m test pits; three 2x6m trenches. All but the 1x1m test pit were machine excavated, hand cleaned. Extremely sparse: <1% sample.	The evaluation confirmed the presence of a relict channel identified in earlier archaeological works. The channel was aligned roughly east to west along the southern boundary of the 'paddock'. The upper fills of the channel produced worked flint and late prehistoric pottery. Colluvial hill wash containing worked flint was also identified in the 'paddock', an area previously uninvestigated.
EWI130	2002.054	Wessex Archaeology	Evaluation	2001	Cooke, N, and Moore, C, 2002, <i>A303 Stonehenge. Archaeological Surveys. Archaeological Evaluation Report: Area C1.</i>	6 x 50m trenches. 3% sample.	An archaeological evaluation on the preferred route of the A303 Stonehenge improvement. Evidence from aerial photography, fieldwalking and geophysical survey indicated the survival in Area C1 of an enclosure complex of likely prehistoric and Roman date, together with a multi-period field system extending over some 5 hectares. All six of the trenches excavated contained archaeological features, ranging from small post holes to large boundary ditches.
EWI131	2002.060	Wessex Archaeology	Evaluation	2001-2	Wessex Archaeology, <i>A303 Stonehenge Archaeological Surveys. Archaeological Evaluation Report: Areas R and T.</i>	29 trenches, 3.3% sample. Majority 50m long; a few 10m long.	Features of archaeological interest in four of the 29 trial trenches. These included a buried linear ditch previously recorded from cropmark evidence, a gully, an irregular linear feature thought to be a former hedgeline, a former hollow way and associated cart ruts, and traces of the former Stonehenge Airfield.
EWI141	2000.112	GSB Prospection	Geophysics	2000	GSB Prospection, 2000, <i>Amesbury Business Park.</i>	Magnetometry.	Two linear ditch type responses were detected.
EWI144	1993.075	John Samuels	Geophysics	1993	John Samuels Archaeological Consultants, 1993, <i>A303 Amesbury – Berwick Down Report Working Paper No A15.</i>	Not specified in HER.	No information on HER.
EWI145	1993.075	John Samuels	Geophysics	1993	John Samuels Archaeological Consultants, 1993, <i>A303 Amesbury – Berwick Down Report Working Paper No A15.</i>	Not specified in HER.	No information on HER.

HER Event ID	HER Report. No.	Organisation	Type	Survey Year	Report Title	Method	Summary
EWI156	1993.075	John Samuels	Geophysics	1993	John Samuels Archaeological Consultants, 1993, A303 Amesbury – Berwick Down Report Working Paper No A15.	Not specified in HER.	No information on HER.
EWI177	1993.075	John Samuels	Geophysics	1993	John Samuels Archaeological Consultants, 1993, A303 Amesbury – Berwick Down Report Working Paper No A15.	Not specified in HER.	No information on HER.
EWI178	1993.075	John Samuels	Geophysics	1993	John Samuels Archaeological Consultants, 1993, A303 Amesbury-Berwick Down Report. Working Paper No. A15.	Unknown: report not seen. RFI for 2004 PI documents has been issued to Highways England. Awaiting response.	No information on HER.
EWI179	1993.075	John Samuels	Geophysics	1993	John Samuels Archaeological Consultants, 1993, A303 Amesbury – Berwick Down Report Working Paper No A15.	Not specified in HER.	No information on HER.
EWI180	1993.075	John Samuels	Geophysics	1993	John Samuels Archaeological Consultants, 1993, A303 Amesbury – Berwick Down Report Working Paper No A15.	Not specified in HER.	No information on HER.
EWI181	1993.075	John Samuels	Geophysics	1993	John Samuels Archaeological Consultants, 1993, A303 Amesbury – Berwick Down Report Working Paper No A15.	Not specified in HER.	No information on HER.
EWI182	1993.075	John Samuels	Geophysics	1993	John Samuels Archaeological Consultants, 1993, A303 Amesbury – Berwick Down Report Working Paper No A15.	Not specified in HER.	No information on HER.
EWI183	1993.075	John Samuels	Geophysics	1993	John Samuels Archaeological Consultants, 1993, A303 Amesbury – Berwick Down Report Working Paper No A15.	Not specified in HER.	No information on HER.
EWI184	1993.075	John Samuels	Geophysics	1993	John Samuels Archaeological Consultants, 1993, A303 Amesbury – Berwick Down Report Working Paper No A15.	Not specified in HER.	No information on HER.
EWI225	1990.031	Julian Richards	Geophysics	1990	Richards, J, 1990, <i>The Stonehenge Environs Project</i> . English Heritage Archaeological Report No. 16.	Not specified in HER.	No information on HER.
EWI227	AML 33/94	English Heritage Ancient Monuments Laboratory	Geophysics	1994	Cleal, R, Walker, K and Montague, R, 1994, <i>Stonehenge in its Landscape: 20th Century Excavations</i> . English Heritage AML Report No. 33/94.	Excavation.	No information on HER.

HER Event ID	HER Report. No.	Organisation	Type	Survey Year	Report Title	Method	Summary
EWI232	1992.036b	Wessex Archaeology	Fieldwalking	1992	Butterworth, C, 1992, <i>Fieldwalking Survey and Environmental Sampling between Stonehenge Down and Parsonage Down.</i>	25m transects.	Fieldwalking of 41ha. Fieldwalking recorded worked flint concentrations, within each of which small clusters of retouched forms were noted. The flint was predominantly Bronze Age in character, although some Neolithic material was also present. A concentration of Late Roman pottery was recorded in one field and much burnt flint was also noted in the same area. Elsewhere, pottery was scarce, though other scatters of Late Roman pottery was found in two other fields. Five sherds of Late Bronze Age pottery were found in one field, three of which were from the same vessel. An auger transect and two test pits discovered a shallow colluvial sequence at the eastern side of the valley of the River Till, from which a single sherd of Anglo-Saxon pottery and animal bone were recovered.
EWI261	1994.060	Wessex Archaeology	Fieldwalking	1994	Leivers, A, and Moore, C, <i>A303 Amesbury to Berwick Down, Brown and Brown Alternative Routes.</i>	25m transects	Fieldwalking was undertaken in three areas on the northern Brown route. Concentrations of worked and burnt flint were noted within each of the areas. The majority of datable finds were flint artefacts of Bronze Age date. Other finds included a small quantity of pottery and ceramic building material, the greatest number of Romano-British sherds occurring at the western end of the route corridor.
EWI266	1994.054	GSB Prospection	Geophysics	1994	GSB, 1994, <i>A303 IV, Brown Route Options.</i>	36ha. Detailed gradiometer survey. 0.5m intervals along traverses 1m apart (800 readings per 20x20m grid). Detection up to 1m depth.	The current gradiometer survey has revealed a concentration of archaeological anomalies, which can broadly be divided into three groups: an oval enclosure with associated features, possible remains of a former field system and a possible barrow/henge. Isolated ditch and pit type anomalies were also recorded, but the responses were generally poorly defined.
EWI287	1994.078	Wessex Archaeology	Evaluation	1994	Wessex Archaeology, 1994, <i>Stonehenge: Limited test augering.</i>	Auger Survey. 18 auger holes at Stonehenge.	A small number of auger bores were taken at Stonehenge. The survey identified the presence of a Neolithic ground surface under the bank and a previously unknown feature outside the excavated areas. In addition, the composition of the counterscarp bank was established.
EWI291	Not given in HER	English Heritage Ancient Monuments Laboratory	Geophysics	1996	Unknown.	Not specified in HER.	No information in HER.
EWI292	Not given in HER	English Heritage Ancient Monuments Laboratory	Geophysics	Unknown	Unknown.	Not specified in HER.	No information in HER.
EWI305	1997.083	Wessex Archaeology	Evaluation	1997	Wessex Archaeology, 1997, <i>Former Pitts Garage Site, Amesbury, Wiltshire.</i>	Not specified in HER.	No archaeological features or deposits were noted.
EWI314	1991.013	Wessex Archaeology	Excavation	1991	Wessex Archaeology, 1991, <i>Avon Valley Gas Pipeline.</i>	Four trenches. No further information.	Four trenches were excavated along the line of a proposed gas pipeline. The first trench revealed evidence of prehistoric activity, in addition to substantial evidence for a rural Roman settlement contained within a late prehistoric enclosure. The second was placed across an Iron Age enclosure. The remaining two revealed little or no archaeological evidence.
EWI442	2001.089	GSB Prospection	Geophysics	2001	GSB Prospection, 2001, <i>Amesbury Business Park II.</i>	Magnetometry.	The survey identified the ring ditches noted from the cropmark evidence, and also found another definite example as well as a number of possible ring ditches not previously recorded. While the majority of the linear or curvilinear ditch cropmarks were located, some could not be verified. Two ditches were added to those known to cross the survey areas. Although a number of pit type anomalies have been found within the data, their interpretation is tentative as they may be a result of natural or recent activities on the site.

HER Event ID	HER Report. No.	Organisation	Type	Survey Year	Report Title	Method	Summary
EWI985	2004.146	AC Archaeology	Watching Brief	2004	Robinson, S, and Valentin, J, 2004, <i>Archaeological Investigations at Solstice Park, Amesbury, Wiltshire.</i>	Watching Brief.	Watching brief carried out during landscaping works. No further information given.
EWI987	2004.064	AC Archaeology	Excavation	2004	Valentin, J, 2004, <i>The Excavation of Seven Ring Ditches and Other Prehistoric Features at Earl's Farm Down and New Barn Down, Amesbury, Wiltshire.</i>	N/A	Prior to the construction of a new business park and new A303 road junction, the excavation of seven Bronze Age ring ditches, associated burial pits and linear and other subsoil features was carried out.
EWI3201	1992.022	Wessex Archaeology	Watching Brief	1992	Jenkins, V, 1992, <i>A303 British Telecom.</i>	Watching Brief.	A watching brief was undertaken during the laying of a telephone cable along the A303 between Stonehenge Bottom and Long Barrow Crossroads. The route passed within 200m of Stonehenge and closer still to several tumuli, but no archaeological features or artefacts were revealed at any point along the route.
EWI3206	1995.003	AC Archaeology	Evaluation	1995	Hawkes, J, and Cotton, J, 1995, <i>Archaeological Evaluation of Land at 43 Countess Road, Amesbury, Wiltshire.</i>	Not specified in HER.	The investigations revealed variable depths of colluvium overlying the weathered chalk or clay-with-flints subsoil. Despite the proximity of the site to a number of major prehistoric monuments and findspots, only one, undiagnostic, flint flake was recovered from the trenches.
EWI3219	1996.021	Wessex Archaeology	Watching Brief	1996	Wessex Archaeology, 1996, <i>Bulford to Tidworth Power Lines, Wiltshire.</i>	Watching Brief.	No features or deposits of archaeological significance were identified during the observation of 29 pole holes.
EWI3231	1997.024	Wessex Archaeology	Watching Brief	1997	Wessex Archaeology, 1997, <i>11 Kv Electricity Cable Trench, Rollestone Camp, Shrewton, Wiltshire.</i>	Watching Brief.	An undated linear feature aligned north/south was identified.
EWI3254	1997.023	Wessex Archaeology	Watching Brief	1997	Wessex Archaeology, 1997, <i>Telephone Cable Trench, Rollestone Camp, Shrewton, Wiltshire.</i>	Watching Brief.	Archaeological observations identified a dump of modern building material, a modern linear gravel path aligned east/west, and an undated ditch aligned north-north-west/south-south-east. A fragment of worked limestone was also recovered.
EWI3662	1996.037	AC Archaeology	Evaluation	1996	Hawkes, J, 1996, <i>Archaeological Evaluation of the Proposed Wiltshire Grain Extension, Shrewton, Wiltshire.</i>	Evaluation.	The evaluation trenches located the southern and northern enclosure ditches in the approximate positions anticipated. Four possible small pits or postholes were investigated.
EWI4180	1999.067	AC Archaeology	Evaluation	1999	Hulka, S, and Valentin, J, 1999, <i>Land at 15 Church Street (rear of Antrobus Arms), Amesbury, Wiltshire.</i>	1 evaluation trench.	A single trench was opened and evidence for archaeological activity was recorded. This comprised a large N-S aligned ditch, dated to the Saxon or medieval period by the pottery sherds found within it. A number of other probable pits were also identified, and these were suggested to be of medieval date on the basis of the artefacts found inside them. Due to the size and location of the ditch it was suggested that this might have formed the boundary to the early settlement or to the ecclesiastical complex located nearby.
EWI4183	1993.041	AC Archaeology	Evaluation	1993	Richards, J, 1993, <i>CRS, Amesbury, Archaeological evaluation.</i>	3.06 ha. Forty 1m x 1m test pits, hand excavated. 1 machine-excavated trench 16m long. Very low percentage sample.	The test pits revealed a complex sequence of post glacial deposits of both alluvial and colluvial origin. Evidence of prehistoric activity was found in the form of a scatter of worked flint.
EWI4184	1993.008	AC Archaeology	Evaluation, Fieldwalking	1990	Richards, J, 1993, Allocation 1 Amesbury: Initial Archaeological Field Assessment.	Auger survey, systematic fieldwalking survey, test pit.	Surface scanning suggests that a focus of activity lies on at least part of the southern slope of the dry valley. This activity does not seem to occur within the dry valley itself where the deeper soils demonstrated by both augering and test pits could have led to conditions of better preservation.
EWI4212	1996.015	Wessex Archaeology	Evaluation	1996	Wessex Archaeology, 1996, <i>Amesbury Abbey, Amesbury, Wiltshire.</i>	Not specified in HER.	Three walls or wall foundations were recorded below modern/post-medieval deposits.

HER Event ID	HER Report. No.	Organisation	Type	Survey Year	Report Title	Method	Summary
EWI4230	1998.027	Boscombe Down Conservation Group	Watching Brief	1998	Kirby, C, and Clarke, B, 1998, <i>Annual Archaeological Report for Defence Evaluation and Research Agency Establishment, Boscombe Down.</i>	Watching Brief.	Watching briefs and site visits at a number of sites across Boscombe Down, including removal of hard standing, service trenches and a car park extension.
EWI4248	1993.034	Wessex Archaeology	Watching Brief, Excavation	1993	Wessex Archaeology, 1993, <i>Stonehenge Car Park Compound.</i>	Not specified in HER.	Islands of remnant natural soil horizons were revealed in the northern and western areas of the compound, between extensive and sometimes deep modern disturbances. No archaeological features were revealed cut into the chalk natural, although small quantities of struck flint were recovered from the remnant subsoil layers.
EWI4252	1993.048	Wessex Archaeology	Evaluation	1993	Crockett, A, and Davies, S, 1993, <i>Stonehenge Visitor Centre, Wiltshire. Site 12: A303 Footbed, Archaeological Evaluation.</i>	The total surface area examined during the evaluation by fieldwalking was 5,500m ² , by test-pits was 131m ² and by machine trenches was 1,690m ² . The fieldwalking (5,500m ²) represented approximately an 8% sample of the evaluation area (25m transect intervals); test-pitting (131m ² ; 131 trenches each 1m x 1m) represented slightly under a 0.2% sample; and machine trenches (fourteen, 14m-100m in length, 1,690m ²) represented a 2.5% sample.	An archaeological evaluation at the site of the proposed Stonehenge Visitor Centre, Site 12, consisted of hand-dug test pits, machine-excavated linear trenches, fieldwalking and auger survey. Concentrations of artefacts were found in three fairly distinct areas. One focus of activity, south of King Barrow Ridge, included a square enclosure and a linear ditch, associated with a concentration of artefacts.
EWI4254	1993.055	A.D.H. Bartlett and Associates	Geophysics	1993	Bartlett, A, 1993, <i>Stonehenge, Wiltshire. Report on Archaeogeophysical Survey of Western Approach Corridors.</i>	Type of geophysical survey not known	Geophysical survey was carried out as part of evaluation to define a route to the Stonehenge Visitor Centre. The survey detected a number of archaeologically significant features, including ditches or earthworks associated with the Durrington Down and Fargo field systems.
EWI4270	Not given in HER	English Heritage Ancient Monuments Laboratory	Geophysics	Not known	Not known.	Magnetometry.	No information in HER.
EWI4272	1995.052	English Heritage, National Trust	Evaluation	1994	Darvill, T, 1995. <i>Stonehenge Visitor Centre, Wiltshire. Countess Road and King Barrow Ridge Site: Field Evaluations.</i>	Test pit excavation and auger survey (148 TPs). Very low percentage sample.	No areas found to contain extensive archaeological deposits. Countess Rd: evidence for Saxon and Medieval activity; south of A303 at King Barrow Ridge, flint scatters and late Neolithic pit with pottery.
EWI4273	1995.052	English Heritage, National Trust	Evaluation	1994	Darvill, T, 1995. <i>Stonehenge Visitor Centre, Wiltshire. Countess Road and King Barrow Ridge Site: Field Evaluations.</i>	Geophysics. Magnetic Susceptibility and detailed magnetometer surveys. Unsuitable conditions for quality survey.	As for EWI4272
EWI4274	1997.078	Wessex Archaeology	Watching Brief	1997	Wessex Archaeology, 1997, <i>Hunters Hill, West Amesbury, Wiltshire.</i>	Watching Brief.	A watching brief was carried out during the machine ground reduction from the construction of the garage extension at Hunters Hill. A north-south aligned ditch found during the monitoring was probably a boundary/drainage ditch and runs approximately parallel to the western ramparts of Vespasian's Camp.
EWI4280	1992.023	AC Archaeology	Watching Brief	1991	Record Card: AC Archaeology, 1992, <i>Stonehenge Bottom Crash Barriers.</i>	Watching Brief.	Four flint flakes were recovered during archaeological observations of the installation of crash barriers at Stonehenge Bottom.

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EWI4772	1999.060	Wessex Archaeology	Watching Brief	1999	Wessex Archaeology, 1999, <i>Global Crossing Communications Cable Trench Near Stonehenge.</i>	Watching Brief.	A watching brief was conducted during the laying of a telecommunications cable through the village of Winterbourne Stoke and the Stonehenge World Heritage Site. A number of archaeological features were recorded, twelve in a restricted area to the west of Longbarrow Crossroads. It is thought that these are part of an undated (probably prehistoric) enclosed settlement, previously noted from aerial photography.
EWI4806	1998.109	Wessex Archaeology	Watching Brief	1998	Wessex Archaeology, 1998, <i>No 72 London Road, Amesbury, Wiltshire.</i>	Watching Brief.	The foundation and service trenches were cut through remnant topsoil overlying slightly weathered chalk bedrock. No archaeological features or deposits were recorded.
EWI4846	Not given in HER	Wessex Archaeology	Excavation	1997	<i>Wiltshire Archaeological Magazine</i> , Volume 90, p. 151.	Not specified in HER.	No information in HER.
EWI5056	1999.087	GSB Prospection	Geophysics	1999	GSB Prospection, 1999, <i>A303 Stonehenge V Preferred route incorporating the Winterbourne Stoke Bypass.</i>	30ha. detailed gradiometer survey. 0.5m intervals along traverses 1m apart. Detection up to 1m depth.	The geophysical survey over the proposed road corridor showed only one field to have any anomalies that are likely to be of significant archaeological interest. The survey in the field northeast of the Longbarrows Cross Roads produced a multitude of responses of archaeological significance, correlating with known cropmarks of boundary ditches. Numerous weaker anomalies, interpretation tentative.
EWI5153	1995.005	Wessex Archaeology	Watching Brief	1995	Wessex Archaeology, 1995, <i>Stonehenge Shop Alterations.</i>	Watching Brief.	No features or deposits of archaeological significance were encountered during the watching brief.
EWI5157	2001.022	Wessex Archaeology	Watching Brief	2001	McCulloch, P, 2001, <i>New Conservatory, The Old Vicarage, Amesbury, Wiltshire.</i>	Watching Brief.	The watching brief comprised monitoring the excavation of a foundation trench for the new conservatory. The sides and base of the foundation trench were observed to contain modern building debris and sand. No archaeological remains were revealed.
EWI5553	2001.075	GSB Prospection	Geophysics	2001	Harvey, L, Friel, R, Leigh, J, and Shiel, D, 2001, <i>Geophysical Survey of A303 Stonehenge VII.</i>	16.5ha. Detailed gradiometer survey. 0.5m intervals along traverses 1m apart. Detection up to 1m depth.	The magnetometry survey recorded a number of anomalies of potential archaeological interest, in particular evidence for a rectangular enclosure to the southwest of the main settlement site identified in this area by earlier geophysical surveys. Most magnetic responses were felt to relate to relict field systems. This survey data, and previous data, helped to define the limits of the Romano-British settlement found in Field I7.
EWI5605	1996.083	Wessex Archaeology	Evaluation	1996	Wessex Archaeology, 1996, <i>Land off Salisbury Street, Amesbury, Wiltshire.</i>	Not specified in HER.	The evaluation revealed deep topsoil deposits sealing three archaeological features, with evidence of only isolated modern disturbances. Of these three features, one is ceramically dated to the Iron Age (or possibly the Saxon period) and contains well preserved animal bone and burnt worked flint. The two other features were ditches, both of which remain undated.
EWI5637	1998.122	AC Archaeology	Fieldwalking	1997	Cox, P, and Richards, J, 1998, <i>Proposed Amesbury Business Park, Amesbury.</i>	Not specified in HER.	The programme of surface collection has shown evidence for prehistoric activity dating from the earlier Neolithic period onwards. However, the majority of the material suggests activity dating to the Bronze Age, possibly contemporary with the construction of the round barrows which lie within the study area.
EWI5639	2000.111	AC Archaeology	Watching Brief	2000	Whelan, J, and Valentin, J, 2000, <i>Proposed Amesbury Business Park, Amesbury, Wiltshire.</i>	Watching Brief.	No subsoil features were identified during the archaeological monitoring of the excavation of geotechnical trial pits on the site of the proposed Amesbury Business Park, but a moderate quantity of worked flint was recovered from the topsoil and subsoil deposits.
EWI5649	2002.057	Wessex Archaeology	Evaluation	2001	Wessex Archaeology, 2002, <i>A303 Stonehenge. Archaeological Surveys. Archaeological Evaluation Report: Areas A, B, C and D.</i>	Forty 50m x 1.8m trenches; One 25m x 1.8m trench; eleven 10x10m. 3.4% of 13.2ha.	An archaeological evaluation of Areas A, B, C and D of the 2002 Preferred Route of the A303 Stonehenge Improvement revealed agricultural boundaries, a small number of pits and two postholes. Two possible ring ditches seen on the geophysical survey were located by the trenches, but remain undated.

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EWI5650	2002.058	Wessex Archaeology	Evaluation	2001	Wessex Archaeology, 2002, <i>A303 Stonehenge Archaeological Surveys. Archaeological Evaluation Report: Areas L and O.</i>	23 trenches 50m length; 3% sample.	The evaluation comprised the excavation of 23 trial trenches, targeted on the basis of previous surveys. Archaeological features and deposits of Neolithic, Bronze Age, Iron Age and Romano-British date, along with a number of undated features, were identified in 18 of the evaluation trenches. A wide distribution of features and deposits was recorded in Area L, although more features were found in the westernmost field of Area L, to the west of a major cropmark boundary feature; the geophysical survey also recorded an increased number of anomalies, both linear and pit-type, in this field. This broad spread of features appears to represent sporadic and extensive activity across a wide time range. The finds assemblages recovered were generally small, suggesting that there was no major centre of activity, such as a settlement, within the evaluation area. The low levels of environmental remains recovered from the soil samples appear to confirm this. In Area O, the prehistoric boundary ditch was found to survive well as a subsurface feature. Possible ephemeral traces of the former military light railway were also recorded.
EWI5651	2002.059	Wessex Archaeology	Evaluation	2001	Wessex Archaeology, 2002, <i>A303 Stonehenge Archaeological Surveys. Archaeological Evaluation Report: Area P.</i>	18 trenches: 10m, 20m and 50m long. 3.4% sample.	Evaluation revealed only four features of archaeological interest. Two possible middle Bronze Age rubbish pits in Trench 2 at the western extent of Area P would appear to be related to the undated field system associated with the settlement at Longbarrow Roundabout. Two early Bronze Age Beaker burial pits located in Trench 15 at the eastern extent of Area P clearly relate to the previously excavated Bronze Age round barrow. Excavation of an additional trench close by found only natural features, suggesting that the burials do not form part of any extensive flat cemetery here. The objects recovered comprise primarily Beaker vessels and human bone from the early Bronze Age burial pits in Trench 15, together with middle Bronze Age pottery, animal bone, burnt flint and worked flint of Neolithic-Bronze Age date from the two pits in Trench 2.
EWI5670	2002.079	Foundations Archaeology	Watching Brief	2002	Foundations Archaeology, 2002, <i>Hamble House, The Centre, Amesbury, Wiltshire.</i>	Watching Brief.	The monitoring work revealed three archaeological features of modern origin, which consisted of a group of probable sandpits. The fills of the pits included modern ceramic building material fragments and pieces of glass.
EWI5758	1993.075	John Samuels	Geophysics	1993	John Samuels Archaeological Consultants, 1993, <i>A303 Amesbury – Berwick Down Report. Working Paper No. A15.</i>	Unknown: report not seen	No information on HER.
EWI5770	9999.010	English Heritage Ancient Monuments Laboratory	Geophysics	1990	Unpublished document: English Heritage Ancient Monuments Laboratory.	Not specified in HER.	Not available in HER.
EWI5817	2003.035	Border Archaeology	Excavation	2003	Border Archaeology, 2003, <i>Full Excavation of 20-22 High Street, Amesbury, Wiltshire.</i>	N/A.	The excavation revealed a medieval base stratigraphy. Much post-medieval and medieval archaeology had been removed when the site was levelled prior to its use as a car park. The excavation revealed a series of occupation floors, a hearth, several walls, a series of refuse pits, a cess pit and evidence of industrial working at the rear of the High Street frontage. The artefact assemblage, although small for an urban domestic site was nonetheless rich in medieval and post-medieval ceramics.
EWI5872	2003.062	AC Archaeology	Evaluation	2003	Robinson, S, and Laidlaw, M, 2003, <i>An Archaeological Evaluation on the Former Pitts Garage Site, Corner of High Street and the Centre, Amesbury, Wiltshire.</i>	Not specified in HER.	Four probable post-medieval rubbish or cess pits were revealed in the evaluation trench. Three produced quantities of artefacts dating from the 17 th to 19 th century, including pottery and building materials.

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EWI5875	2003.065	Archaeological Site Investigations	Watching Brief	2003	Heaton, M, 2003, <i>The Firs, Flower Lane, Amesbury, Wiltshire.</i>	Watching Brief.	Groundworks revealed two 19 th /20 th -century cess pits beneath deeply disturbed town soil.
EWI5890	2003.036	AC Archaeology	Watching Brief	2003	Adam, N, and Valentin, J, 2003, <i>The Construction of a New Byway on Land South of the A303, Between the Former Amesbury Road and Allington Road, Amesbury, Wiltshire.</i>	Watching Brief.	Plough soil was removed onto the top of natural chalk, and all features revealed were recorded in plan. The work identified five undated linear features, two of which had been previously identified by a geophysical survey of the site. Most of these features are likely to represent surviving evidence for former field systems in the area. Other features comprised two possible prehistoric and one undated pits.
EWI5895	2003.080	Wessex Archaeology	Evaluation	2003	Wessex Archaeology, 2003, <i>Ground Investigations at Countess East and Countess West (Stonehenge World Heritage Site), Amesbury. Archaeological Evaluation and Watching Brief.</i>	Five 1m x 1m test pits.	Archaeological evaluation was undertaken at the locations of proposed ground investigation. No evidence of archaeological features was revealed. A small number of burnt and struck flint fragments found in the test pits is indicative of the long-term and widespread occupation and activity within the immediate area.
EWI5896	2003.80	Wessex Archaeology	Watching Brief	2003	Wessex Archaeology, 2003, <i>Ground Investigations at Countess East and Countess West (Stonehenge World Heritage Site), Amesbury.</i>	Watching Brief.	An archaeological watching brief was undertaken on the ground investigation trial-pits and the boreholes along the proposed route of the buried electricity services associated with the development of a new Stonehenge Visitor Centre at Countess East. No evidence of archaeological features was revealed.
EWI5927	1993.076	Wessex Archaeology	Evaluation	1993	Wessex Archaeology, 1993, <i>A303 Amesbury to Berwick Down, Wiltshire – Alternative Routes.</i>	<1% sample. Strategically-targeted trenches relating to features	Extant earthworks and buried archaeological features were identified by geophysical survey and on aerial photographs on sections of the A303 between Amesbury and Berwick Down being considered for improvement. Three areas (A-C) were investigated through trial trenching. Archaeology in Area A comprised a linear ditch and bank, and pieces of Bronze Age and Roman pottery were found in the topsoil. Trenches in Area B investigated a known, and scheduled, long barrow and showed it to be severely disturbed. Some modern features, including a post pit, were found associated with this long barrow. Some antler fragments were recovered from the topsoil. Area C contained two known and scheduled round barrows, and one of these was investigated by trenching. This found that the barrow survived well and had not been too disturbed. Worked flints and Bronze Age pottery sherds were recovered in association with this monument. All of this work established the sequencing and construction phases of the earthworks and barrows.
EWI5928	2002.122	Wessex Archaeology	Fieldwalking	1999-2000	Godden, D, Smith, G, and Walmsley, N, 2000, <i>A303 Bypass, Winterbourne Stoke, Wiltshire.</i>	25m transects.	A fieldwalking survey was carried out over three fields at Winterbourne Stoke, along the preferred route of the A303. No significant clusters of artefacts indicating human activity were detected. Recovered finds: burnt flint (11kg), worked flint (3kg), Roman, medieval, post-medieval pottery.
EWI5929	1992.039	GSB	Geophysics	1992	Geophysical Surveys of Bradford, 1992, <i>A303 Amesbury to Berwick Down Survey II.</i>	Area not stated. Detailed gradiometer survey. 0.5m intervals along traverses 1m apart. Detection up to 1m depth.	The locations of several sites visible on aerial photographs were supported by clear magnetic responses and several new features were identified. Notable features included linear features, a segmented ring-ditch and a possible enclosure.
EWI5930	1992.040	GSB	Geophysics	1992	Geophysical Surveys of Bradford, 1992, <i>A303 Amesbury to Berwick Down.</i>	Area not stated. Detailed gradiometer survey. 0.5m intervals along traverses 1m apart. Detection up to 1m depth.	Despite some magnetic disturbance, geophysical survey revealed evidence of several likely archaeological features, including the continuation of a linear earthwork extending north of Normanton Gorse, a major sub-oval enclosure, a ring ditch, linear ditches, pits and an area of high activity suggesting a multi-phased occupation complex of enclosures and associated features including pits.
EWI5931	1993.077	GSB	Geophysics	1993	Geophysical Surveys of Bradford, 1993, <i>A303, Amesbury to Berwick Down, Survey III, Yellow and Grey Route Options.</i>	28.5ha. Gradiometry. 0.5m intervals along traverses 1m apart. Detection up to 1m depth. Results difficult to interpret archaeologically: authors did not express confidence in the comprehensiveness of the results.	Geophysical survey identified numerous features likely to be of archaeological origin, including probable ditches (including a double ditch in one area), possible pits, a crescent-shaped feature, a field boundary and possible enclosures.

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EWI5932	2002.114	GSB	Geophysics	2002	GSB Prospection, 2002, A303 Wiltshire.	16 parcels; area not stated. Gradiometry. 0.5m intervals along traverses 1m apart.	A gradiometer survey identified a circular feature which could represent a ploughed-out barrow or possibly a shaft or well, and another clearly-defined feature indicating a barrow. Elsewhere, evidence of earlier field systems and ridge and furrow were identified.
EWI5933	2002.115	Wessex Archaeology	Watching Brief	2000-1	Wessex Archaeology, 2002, A303 Stonehenge, Geotechnical Site Investigation: Archaeological Watching Brief.	Watching Brief.	An archaeological watching brief was carried out during geotechnical site investigation works along the Preferred Route of the A303 Stonehenge Improvement. Archaeological features were revealed in 14 locations, and the finds and features recorded point to several principal foci of activity; at the western end of the route, west of Longbarrow Crossroads, and around King Barrow Ridge.
EWI5935	2003.096	Wessex Archaeology	Evaluation	2003	Wessex Archaeology, 2003, A303 Stonehenge Archaeological Surveys. Archaeological Evaluation Report. Areas 1, 2, 3 and 4.	64 trenches, majority 50m x 1.8m. 3% sample of total area.	Archaeological features were recorded in 24 of the trenches. The majority of these are undated and comprise mostly agricultural boundaries, notably a series of negative lynchets in Areas 2, 3 and 4. Although undated, the earliest features encountered are likely to be prehistoric land divisions in Area 4, probably related to the known later Bronze Age settlement at Longbarrow roundabout. Possible settlement-related activity in Area 2 comprised an enclosure ditch and associated pit and a single posthole, all undated; no evidence was found for any activity associated with the adjacent enclosed settlement (Area C1). Iron Age finds from a pit and tree throw north of Manor Farm in Area 3, together with an undated boundary ditch, may also suggest settlement-related activity. An enclosure ditch in Area 4, dated to the later prehistoric or Romano-British period, may be related to a group of ring ditches seen to the south of the Proposed Route here on aerial photographs. The lynchets in Areas 2, 3 and 4 form part of an extensive series of strip fields visible on aerial photographs and are likely to be of medieval date, representing open-field arable cultivation to the north-west and north-east of Winterbourne Stoke. The few finds recovered across the evaluation areas include burnt flint, Late Neolithic/Bronze Age flintwork, a fragment of quernstone of later prehistoric date and pottery of later prehistoric, Romano-British, medieval and post-medieval dates.
EWI5936	2003.097	Wessex Archaeology	Watching Brief	2002-3	Wessex Archaeology, 2003, A303 Stonehenge. Ground Investigation 2002. Wessex Archaeology.	Watching Brief.	An archaeological watching brief was carried out during geotechnical site investigation works along the proposed route of the A303 Stonehenge Improvement. Archaeological features revealed include part of a rectilinear enclosure, and a shallow pit containing Middle Bronze Age pottery.
EWI5937	2003.098	GSB Prospection	Geophysics	2003	GSB Prospection, 2003, A303 Road Improvement Scheme, Wiltshire.	Magnetometry. 0.5m intervals along traverses 1m apart. Detection up to 1m depth.	A linear anomaly identified in one area corresponds with a former boundary ditch mentioned in an earlier source. This is associated with other linear and pit-like features which also might represent archaeology, possibly including a ring-ditch and a horse-shoe-shaped enclosure. The other surveyed area only produced signals associated with modern disturbance and services.
EWI5961	2001.101	Context One Archaeological Services	Evaluation	2001	Ely, K, McConnell, R, Marter, P. and Jones, K, 2001, 20-22 High Street, Amesbury, Wiltshire.	Not specified in HER.	The results appear to provide evidence for a medieval property fronting onto the street incorporating a sequence of interior clay floors with an exterior cobbled yard adjoining a rear garden. A layer of post-medieval demolition debris has sealed the deposits.
EWI5966	2003.104	Archaeological Site Investigations	Evaluation	2003	Heaton, M, 2003, Camelot Nursing Home, Countess Road, Amesbury, Wiltshire.	Not specified in HER.	Excavations revealed a natural soil sequence enhanced by 'made ground' deposits of 18 th century or later date, overlying an alluvial succession of brickearths, sands and gravels. Archaeological deposits were restricted to garden features, also of 18 th century or later date.

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EWI5976	2003.113	Wessex Archaeology	Evaluation	2003	Wessex Archaeology, 2003, <i>A303 Stonehenge Archaeological Surveys. Archaeological Evaluation Report. Drainage Treatment Areas 2 and 6.</i>	Seven trenches, 10, 25, 50m long: 3% sample of total area.	Archaeological evaluation of Drainage Treatment Areas (DTA) 2 and 6. In DTA 6, a former river terrace defining the back of a former floodplain of the River Avon was revealed. On the terrace edge, a relict brown forest soil of Holocene date contained a flint scatter of Late Mesolithic/Early Neolithic date. The survival of a forest soil with an associated near-in situ flint assemblage is unprecedented within the WHS and the deposit offers good potential for the survival of palaeo-environmental evidence.
EWI6075	2004.054	Wessex Archaeology	Excavation	2004	Wakeham, G, 2004, <i>Oatlands Dairy Unit, Druid's Lodge Estate, Wiltshire.</i>	Strip, map, record.	Sampling and hand excavation of potential features was undertaken in order to establish location, date, extent, character, condition and depth of the archaeology. Two well defined sub-circular pits were excavated to the south of the site, together with one sub-square pit to the north. All three features were dated to the Beaker period and exhibited a similar sequence of deposition and good preservation of environmental remains.
EWI6108	2004.122	Wessex Archaeology	Fieldwalking	2002-3	Wessex Archaeology, 2004, <i>Stonehenge and Avebury World Heritage Site. Archaeological Fieldwalking Survey Report.</i>	Not specified in HER.	A fieldwalking survey was undertaken in advance of the set-aside of 'permanent' pasture under the Countryside Stewardship Scheme. Eight plots were investigated; at West Kennet Long Barrow, Ridgeway and Headlands fields in West Overton and Beckhampton Hill, all in the Avebury region, and Durrington Down, Normanton Down, North Kite and South of North Kite near to Stonehenge. 4025 objects were collected, and distribution analysis in relation to the known archaeological background for each area has allowed conclusions to be drawn.
EWI6171	2005.010	Wessex Archaeology	Watching Brief	2005	Appleton, C, 2005, <i>Stonehenge Tunnel 11KV Supply, Amesbury and Stapleford, Wiltshire.</i>	Watching Brief.	Archaeological watching brief during ground investigation carried out along the proposed route of the new Stonehenge Tunnel 11kv electricity supply cable trench. The watching brief was undertaken on a total of 23 test pits, five of which produced evidence of possible archaeological features, comprising a posthole, a possible trackway and two ditches.
EWI6198	2005.025	Wessex Archaeology	Watching Brief	2005	Wessex Archaeology, 2005, <i>New Focus Site, 118-130 London Road, Amesbury, Wiltshire.</i>	Watching Brief.	No archaeological features or finds were identified during the watching brief, although very few areas within the site were accessible for archaeological observation. Following the removal of the concrete hard standing, the ground level was raised, in effect protecting any archaeological remains that may have been present.
EWI6268	2005.079	Wessex Archaeology	Evaluation	2005	Wessex Archaeology, 2005, <i>The Old Grammar School, 32 High Street, Amesbury, Wiltshire.</i>	Not specified in HER.	Archaeological features and deposits of post-medieval date were recorded, which are interpreted as being associated with the use of this part of the site as a garden. No evidence of medieval or earlier activity was recorded, and it is therefore concluded that the site is of low archaeological potential.
EWI6299	2005.108	Wessex Archaeology	Watching Brief	2005	Dinwiddy, M, 2005, <i>Druids Lodge Farm Polo Field. Archaeological Watching Brief.</i>	Watching Brief.	With the exception of three undated tree throws along the western site boundary, no archaeological features or deposits were recorded from the areas observed. The two previously recorded barrows were judged to lie to the west of the area of construction.
EWI6354	1990.031	Richards, J	Excavation	1990	Richards, J, 1990, <i>The Stonehenge Environs Project. English Heritage Archaeological Report No. 16.</i>	N/A.	No information in HER.
EWI6506	1992.028	Wessex Archaeology	Watching Brief	1991	Adam, N, Harding, P, Lancley, J, and Newman, C, 1992, <i>Durrington - Earl's Farm Down Pipeline, Wiltshire, Watching Brief Observations.</i>	Watching Brief.	A number of Neolithic, late prehistoric and post-medieval features were recorded during the watching brief, as well as an undated, but possibly Roman, juvenile human burial. The Neolithic evidence was situated between 120 and 175 metres to the north of Durrington Walls, and is evidence of contemporary activity taking place outside the henge monument.
EWI6555	2003.152	Wessex Archaeology	Evaluation	2003	Wessex Archaeology, 2003, <i>Stonehenge Visitor Centre, Countess East, Amesbury, Wiltshire. Archaeological Evaluation: results.</i>	81 x 50m trenches. 4% sample of total area.	Significant archaeological features were revealed in 20 of the 81 trenches, with a total of 28 features and deposits dating from the Neolithic through to the post-medieval period.

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EWI6556	2002.055	Wessex Archaeology	Fieldwalking	2000-2	Cooke, N, Chadwick, A, and Fairclough, T, 2002, <i>A303 Stonehenge Archaeological Surveys. Stage 2 Fieldwalking Survey.</i>	25m grid.	Fieldwalking surveys were carried out in eight areas along the 2002 Preferred Route of the A303 Stonehenge Improvement. The most common material types recovered were worked flint and burnt flint. The distribution was relatively even across the survey areas. Very little pottery was recovered. The small assemblages of medieval and post-medieval pottery recovered suggested a possible focus of activity to the north of Winterbourne Stoke.
EWI6557	2002.056	Wessex Archaeology	Evaluation	2001	Moore, C, Birbeck, V, and Allen, M, 2002, <i>A303 Stonehenge Archaeological Surveys: Till Valley Auger Transect and Test Pits.</i>	Auger survey, test pits. Augering at 20m intervals to depth of 2m. Two 1x1m test pits.	An auger survey and targeted test pits were undertaken to confirm the sediment sequence present and identify deposits of archaeological or palaeo-environmental potential. Two auger transects were carried out, and were further examined by two test pits. Various alluvium deposits were characterised and related to patterns of flooding. The sequences identified, combined with molluscan evidence, showed that the post-glacial sequences identified dated from any time from the Bronze Age to the present day. It was felt that the layers of alluvium had the potential to mask, bury or seal archaeological material and that this may have explained the lack of dateable evidence found in the transects.
EWI6559	2002.130	GSB	Geophysics	2002	Adcock, J, Robertson, F, Saunders, M, Stephens, C, Urmston, B, Weston, D, and Wood, E, 2002, <i>Stonehenge Visitor Centre, Wiltshire.</i>	34.5ha. Gradiometry. Method not stated.	Geophysical survey was carried out at Airman's Corner and identified a number of potential archaeological features. These included a barrow and internal grave cut, but plough damage had obscured some of the clarity of response. Similar survey was carried out at Countess West which detected part of a possible Bronze Age boundary ditch, part of the former Amesbury to Market Lavington road and a section of Stonehenge Avenue. Three other barrow sites were also tentatively identified along with some possible ditch systems. No indications of major settlement activity were recorded in any of the geophysical survey areas.
EWI6560	2003.153	Geophysical Surveys of Bradford	Geophysics	2003	Shiel, D, Adcock, J, Robertson, F, Saunders, M, Stephens, C, Urmston, B, Weston, D, Wood, E, 2003, <i>Stonehenge Visitor Centre, Northern Route.</i>	Magnetometry.	The geophysical survey successfully identified the course of the cursus ditches as well as a number of other potential archaeological features. These features were tentatively suggested to relate to Celtic field systems and/or occupation areas.
EWI6561	2003.154	Stratascan	Geophysics	2003	Sabin, D, 2003, <i>Countess East, Amesbury.</i>	Magnetometry; Magnetic susceptibility; resistivity	A number of weak anomalies were located using magnetometry that may have an archaeological origin. Resistivity survey also located a number of poorly defined possible archaeological anomalies. Magnetic susceptibility survey revealed areas of moderate enhancement that may be associated with archaeological features.
EWI6562	2003.155	Wessex Archaeology	Evaluation	2003	Wessex Archaeology, 2003, <i>Stonehenge Visitor Centre, Wiltshire, Countess Roundabout (East). Archaeological Test-pitting, Plots 5, 6, 8 and 9.</i>	Not specified in HER.	Test-pitting was carried out within Plots 5, 6, 8 and 9, which could not be completed in an earlier stage of fieldwork, undertaken in 1995. A dense concentration of ceramic building material and a small concentration of struck flint of Bronze Age date with a small component of Neolithic material was noted within Plot 6. Although these may relate to specific activity, this area has been subjected to notable dumping of quarry waste and subsequent disturbance by a former military railway, immediately to the north.
EWI6564	2004.140	Wessex Archaeology	Evaluation	2004	Wessex Archaeology, 2004, <i>Stonehenge Visitor Centre, Countess East, Amesbury, Wiltshire. Further archaeological evaluation.</i>	13 machine dug trenches: 2.5% of total area.	The evaluation comprised the excavation of 13 trial trenches. The only features recorded were a short ditch and a substantial assemblage of worked flint, and a sunken featured building of Anglo-Saxon date.
EWI6566	2007.171	English Heritage	Geophysics	2006	Payne, A, 2007, <i>Stonehenge Riverside Project, West Amesbury and Greater Cursus, Wiltshire.</i>	Resistivity, earth resistance, magnetometry.	Geophysical surveys were conducted at two sites in support of the Stonehenge Riverside Project. The first, a magnetometer and earth resistance survey at West Amesbury was undertaken in an attempt to determine the course of the Stonehenge Avenue, but no convincing geophysical evidence for the continuation of this monument was found. The

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							second magnetometer survey, over part of the Stonehenge Greater Cursus adjacent to Fargo Plantation, investigated an area where finds of bluestone chippings had been reported. No significant anomalies were detected in the area of the recorded bluestone finds, but possible pit-type responses were detected on the line of the Cursus.
EWI6579	1992.038	Wessex Archaeology	Fieldwalking	1992	Butterworth, C, Harding, P, and Mildred, A, 1992, <i>A303 Amesbury - Berwick Down: Pink and Grey Routes</i> .	25m transects.	31 ha. Fieldwalking was carried out over five areas associated with possible alternative routes for improvements to the A303. Small collections of worked flint were recorded in all areas including cores and tools. A large proportion was Late Neolithic while that from near Longbarrow Roundabout was principally Bronze Age. Very little pottery was found, comprising only four sherds of Romano-British material.
EWI6588	1992.036b	Wessex Archaeology	Fieldwalking	1992	Wessex Archaeology, 2002, <i>Additional Fieldwalking near Longbarrow Roundabout (A303/A360), Wiltshire</i> .	Not specified in HER.	Fieldwalking was carried out in a field immediately northeast of Longbarrow Roundabout, the junction of the A303 and the A360. A light concentration of worked and burnt flint, principally of Bronze Age date, but also containing some Neolithic material, was recovered from the northern part of the field. Other finds were scarce, but included two sherds of Roman and one of possibly early Iron Age pottery.
EWI6600	2007.017	Wessex Archaeology	Watching Brief	2006-7	Wessex Archaeology, 2007, <i>Little Stubbings, West Amesbury, Salisbury, Wiltshire</i> .	Watching Brief.	A watching brief was carried out during groundworks for extensions to the dwelling known as Little Stubbings. No archaeological features, deposits or structures were recorded.
EWI6619	2008.100	Wessex Archaeology	Watching Brief	2008	Wessex Archaeology, 2008, <i>101 Countess Road, Amesbury</i> .	Watching Brief.	A watching brief was maintained during the excavation of three foundation trenches and other groundworks associated with the single storey rear extension. No archaeological features or artefacts were identified.
EWI6740	2008.023	AC Archaeology	Watching Brief	2008	Cottam, S, 2008, <i>A residential development at the former Amplifier Station, Abbey Lane Amesbury</i> .	Watching Brief.	Monitoring was undertaken during the machine-excavation of footing trenches. No pre-modern finds or features were found and no evidence of the Saxon and medieval origins of the town were identified
EWI6812	2011.103	English Heritage	Field Survey	2011	Bishops, S, 2011, <i>Stonehenge World Heritage Site Landscape Project, King Barrow Ridge, Amesbury, Wiltshire</i> .	Level 1 survey.	Rapid Level I field survey along King Barrow Ridge identified previously unrecorded earthworks relating to post-medieval aesthetic development of the landscape and 20 th century military activity.
EWI6813	2011.099	English Heritage	Field Survey	2011	Bishops, S, 2011, <i>Stonehenge World Heritage Site Landscape Project. Level I Field Investigations</i> .	Level 1 survey.	Level I field investigations undertaken at Fargo Plantation North; West Amesbury Down; Durrington Walls; Woodhenge; Fargo Military Storage Compound; Winterbourne Stoke Down; Larkhill and along the major roads.
EWI6823	2011.072	English Heritage	Architectural survey	2011	Lane, R, 2011, <i>Stonehenge World Heritage Site Landscape Project, Stonehenge, Amesbury, Wiltshire. Architectural Assessment</i> .	Not specified in HER.	The Stonehenge World Heritage Site is designated for the importance of its surviving prehistoric monuments, but the defined geographical area has been subjected to much later alteration. The settlements and their buildings tell the story of the later phases in the development of the area, from the medieval period onwards. The settlements and buildings indicate the primary importance of agriculture to this evolution. From the 18 th century, this was increasingly tempered by a growing aesthetic and romantic appreciation for the landscape in the area, which had a strong influence on the architecture of the settlements. This report assessed the architectural character of the buildings in the World Heritage Site, in the context of the evolving agricultural and settlement patterns.
EWI6852	2008.142	Foundations Archaeology	Evaluation	2008	Hood, A, 2008, <i>Land at Grayan House and Orchard House, Countess Road, Amesbury, Wiltshire</i> .	Not specified in HER.	Evaluation trenching identified a substantial undated feature, probably a large ditch, which is likely to represent the eastern boundary of the Amesbury Abbey estate. A compacted chalk hard-standing layer was dated to the post-medieval period or later. No other archaeological features, deposits or artefacts were present within the investigation area.

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EWI6911	2006.080	Parker Pearson et al.	Geophysics	2006	Parker Pearson, M, French, C, Pollard, J, Richards, C, Robinson, D, Thomas, J, Tilley, C, and Welham, K, 2006, <i>The Stonehenge Riverside Project 2006; Full Interim Report.</i>	Resistivity	Excavations, for research purposes, were concentrated in and around Durrington Walls, but there were also investigations into the wider landscape around Stonehenge.
EWI6921	2003.130	English Heritage	Geophysics	2003	Payne, A, 2003, <i>Durrington Walls Henge, Wiltshire: Report on Geophysical Surveys, January 1996, and April 2003.</i>	Magnetometry.	Magnetometer surveys carried out at the henge monument of Durrington Walls in 1996 and 2003 have provided new information on the internal character of the henge, features outside the entrance facing the river and the form of the enclosing bank and ditch.
EWI6923	2000.129	AC Archaeology	Watching Brief	2000	Worrell, S, 2000, <i>The Results of an Archaeological Watching Brief on Land at Park Farm, West Amesbury.</i>	Watching Brief.	A watching brief was carried out at Park Farm. No pre-modern archaeological features, deposits or finds were present.
EWI6924	2011.124	English Heritage	Earthwork Survey	2011	Pearson, T, and Field, D, 2011, <i>Stonehenge World Heritage Site Landscape Project: Stonehenge Down and the Triangle. Archaeological Survey Report. English Heritage Research Report Series 105-2011</i>	Not specified in HER.	Survey of the earthworks on Stonehenge Down, including those in the immediate environs of Stonehenge. This investigation recorded well preserved barrows but also revealed the presence of a number of examples previously thought to have been levelled, along with traces of part of the First World War Royal Flying Corps aerodrome. In addition, earthworks relating to cottages constructed for custodians were identified, along with a number of trackways, most of which were overlain by ridge and furrow, the result of cultivation during the 19 th and 20 th centuries.
EWI7028	2010.137	Wessex Archaeology	Watching Brief	2010	Thompson, S, 2010, <i>MOD Ratfyn to Bulford Electricity Distribution Upgrade.</i>	Watching Brief.	The watching brief involved the monitoring of the excavation of the easement for the underground cable run and the excavation of three new pits for double electricity poles and stays and a further 13 screw bore holes for single poles. Despite the line of the Scheme passing through an area rich in prehistoric activity no archaeological features were revealed. A number of undated tree throws and modern features were identified.
EWI7029	2010.138	Wessex Archaeology	Evaluation	2010	Milward, J, Mephram, L, and Higbee, L, 2010, <i>Druids Lodge Polo Club, Salisbury, Wiltshire.</i>	23 trenches, 30x1.8m. Percentage area not stated.	Following two phases of geophysical survey across the site, twenty trenches were targeted on the probable archaeological features. Three trenches were also positioned within an area of fill in the south-east corner of the site, to provide further information on the archaeology. The evaluation has established that archaeological features comprising two enclosures, pits, ditches and a possible trackway are present across the site. The earliest evidence of activity on the site dates to the early Bronze Age and although this was largely found residually amongst later Romano-British pits, in two of the ditches, no other datable finds were recovered suggesting a low level of early prehistoric activity across the site. Two trenches targeted on the enclosure in the south-east corner of the site have confirmed an Iron Age date. A substantial double ditched feature enclosing the settlement was recorded and partially excavated. One storage pit and several further pits and postholes indicative of settlement activity were recorded within the interior of the enclosure. The archaeological remains encountered close to the enclosure located just off the north-west side of the site date mainly to the Romano-British period. The fieldwork has also demonstrated that there is a good correlation between the geophysical results and the presence of actual archaeological remains on the site.
EWI7031	2010.140	English Heritage	Earthwork Survey	2010	Amadio, L, and Bishop, S, 2010, <i>Stonehenge World Heritage Site Landscape Project, The Cursus, Barrows and Surrounding Area.</i>	Not specified in HER.	The area was surveyed by English Heritage in April 2009 and further details were added in June 2010. The area contains the earthworks of part of the Cursus Barrow Group (late Neolithic and early Bronze Age round barrows in a linear arrangement), sections of a post-medieval road and two dewponds, and early 20 th -century military training facilities.

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EWI7078	2012.061	English Heritage	Geophysics	2010	Linford, N, Linford, P, and Payne, A, 2012, <i>Stonehenge Monument Field and Barrows, Wiltshire.</i>	Ground Penetrating Radar.	This initial ground penetrating radar component of a geophysical survey was conducted over an area centred at the circle at Stonehenge as well as over three barrow groups in the same and neighbouring fields. This component is related to the magnetometry survey EWI7084 and the further ground penetrating radar survey EWI7082. The overall geophysical investigation revealed known features, such as the course of former trackways, as well as new anomalies.
EWI7082	2012.061	English Heritage	Geophysics	2011	Linford, N, Linford, P, and Payne, A, 2012, <i>Stonehenge Monument Field and Barrows, Wiltshire.</i>	Ground Penetrating Radar	The second ground penetrating radar component of a geophysical survey was conducted over an area centred at the circle at Stonehenge. This survey is related to the earlier events, EWI7078 and EWI7084, which included three barrow groups in the same and neighbouring fields. The overall geophysical investigation revealed known features, such as the course of former trackways, as well as new anomalies.
EWI7084	2012.061	English Heritage	Geophysics	2010	Linford, N, Linford, P, and Payne, A, 2012, <i>Stonehenge Monument Field and Barrows, Wiltshire.</i>	Magnetometry	The magnetometry component of a geophysical survey was conducted over three barrow groups in the Stonehenge monument field and neighbouring fields. This component is related to the ground penetrating radar surveys EWI7078 and EWI7082. The overall geophysical investigation revealed known features, such as the course of former trackways, as well as new anomalies.
EWI7095	2008.154	Wessex Archaeology	Evaluation	2008	Godden, D, 2008, Wiltshire Grain Ltd., Rollestone Camp, Shrewton, Wiltshire.	Not specified in HER.	One probable prehistoric tree hole was noted, but no further archaeological features or deposits were revealed.
EWI7107	2012.077	English Heritage	Earthwork Survey	2009-10	Field, D, Bowden, M, and Soutar, S, 2012, <i>Stonehenge World Heritage Site Landscape Project. The Avenue and Stonehenge Bottom.</i>	N/A	Analytical earthwork survey and investigation of the area to the north of Stonehenge revealed several zones of archaeological interest. Chief among these and well-known is the Avenue which, for the first part of its course, survives as an earthwork. When studied it is more substantial closer to Stonehenge than elsewhere. The lack of hollowing where the Avenue passes over a steep bluff at the 'elbow' is highlighted, raising the question of the degree to which the Avenue was ever a heavily used route, either for stone moving or processions. The degree of later damage to the Avenue through use as a trackway and by cultivation at various times in the past has become evident. Earthworks associated with an 18 th century road and a 20 th century group of agricultural buildings were recorded. In Stonehenge Bottom quarrying has disturbed earlier remains, but on the western slopes a series of terraces and platforms may relate to buildings associated with agriculture in the area. On the eastern slopes of the valley a number of barrows, trackways and other features were surveyed, along with traces of a possible enclosure close to the valley floor.
EWI7108	2012.078	English Heritage	Earthwork Survey	2009	Komar, A, and Field, D, 2012, <i>Stonehenge World Heritage Site Landscape Project. A344 Corridor: Level I Survey.</i>	Not specified in HER.	This report describes the archaeological sites visible on the road verges either side of the A344 in the vicinity of Stonehenge. It focuses on the section of the A344 from its junction with the A303 in the east to the junction with the A360 at Airman's Corner and highlights those areas that are particularly vulnerable to road works.
EWI7131	2012.017	Open University	Excavation	2005-10	Jacques, D, and Phillips, T, 2014, Mesolithic settlement near Stonehenge: excavations at Blick Mead, Vespasian's Camp, Amesbury. <i>Wiltshire Archaeological and Natural History Magazine</i> 107; Bishop, B, 2012, <i>Archaeological Trial Investigations at Vespasian's Camp, Wiltshire. Preliminary Assessment of the Lithic Material.</i>	N/A.	Small scale fieldwork at this site revealed various finds and possible features including Mesolithic flint and a Bronze Age dagger fragment deposited in a spring.

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EWI7229	2011.059	Wessex Archaeology	Evaluation	2011	Tsamis, V, 2011, <i>Melor Hall, Church Street, Amesbury, Wiltshire.</i>	3 trenches.	Three evaluation trenches were excavated. The evaluation revealed that below a thick deposit of garden soil there was evidence for medieval and post-medieval archaeology. In particular there is evidence for the existence of post-medieval pits and levelling at the front of the site. This is indicative of backyard activity most probably related to buildings, originating in the medieval period that used to face on to Church Street up to the middle of the 19 th century. At the rear of the site there is evidence for the existence of two intercutting boundary (burgage plot) ditches, with the earliest ditch dating to the medieval period.
EWI7230	2010.098	Not given in HER	Building Survey	2010	<i>Amesbury Parish Church, an Overview of its Churchyard Boundary Walls.</i>	Not specified in HER.	A brief assessment of the boundary walls of the churchyard, referring to historic maps and modern and historic images.
EWI7262	2011.136	Wessex Archaeology	Watching Brief	2011	Wessex Archaeology, 2011, <i>Fargo Road, Shrewton, Wiltshire.</i>	Watching Brief.	No archaeological features were found during the watching brief and no artefacts were recovered.
EWI7317	2007.141, 2007.142	Parker Pearson et al.	Excavation, geophysics	2007	Parker Pearson, M, Allen, M, French, C, Pollard, J, Richards, C, Robinson, D, Thomas, J, Tilley, C, and Welham, K, 2007, <i>The Stonehenge Riverside Project 2007. Summary Interim Report;</i> Parker Pearson, M, Allen, M, Pollard, J, Richards, C, Robinson, D, Thomas, J, Welham, K, and Wickstead, H, 2007, <i>The Stonehenge Riverside Project 2007. Full Interim Report.</i>	Not specified in HER.	Excavations, for research purposes, were concentrated on the entrances to Durrington Walls, along the ridge south of Woodhenge, at the Cuckoo Stone, at the west end of the Stonehenge Greater Cursus, and within the relict river channel of the River Avon adjacent to Durrington Walls. Geophysical surveys were completed at Durrington Walls and were carried out around the Cuckoo Stone and south of Woodhenge, at the east of the Greater Cursus, the southwest end of the Stonehenge palisade, the area immediately in front of Stonehenge and at the 'elbow' of the Stonehenge avenue. Geological study of the Welsh bluestone chippings from the south of the Greater Cursus has shed new light on the sources in South Wales.
EWI7341	2007.086	Oxford Archaeology	Watching Brief	2007	Sims, M, 2007, <i>44 Salisbury Street, Amesbury, Wiltshire.</i>	Watching Brief.	The watching brief revealed post-medieval pits and evidence of possible post-medieval terracing of the site.
EWI7437	2013.037	Darvill, T.	Geophysics	2011	Darvill, T, Luth, F, Rassmann, K., Fischer, A. and Winkelmann, K, 2013. Stonehenge, Wiltshire, UK: High Resolution Geophysical Surveys in the Surrounding Landscape, 2011. <i>European Journal of Archaeology</i> 16, 63-93.	Magnetometry: mesh of 0.025m x 0.1m.	A geophysical survey undertaken to the north of Stonehenge identified entrances in both of the long sides of the Stonehenge Cursus, and provided additional information on the internal form of the round barrows in the Cursus Round Barrow Cemetery, the course of the Avenue, the course of the 'Gate Ditch', and numerous tracks and early roads crossing the landscape. A series of previously unrecognised features were identified: a pit arc or cove below a barrow on the west side of King Barrow Ridge, a square shaped feature surrounded by pits on the east side of Stonehenge Bottom, and a linear ditch on the same solstitial axis, and parallel to, the southern section of the Stonehenge Avenue. A scatter of metallic anomalies marked the position of camping grounds associated with the Stonehenge Free Festival in the late 1970s and early 1980s.
EWI7458	2014.038	Wessex Archaeology	Evaluation	2014	Harding, P, 2014, <i>The Greyhound, Smithfield Street, Amesbury, Wiltshire.</i>	Not specified in HER.	An archaeological evaluation was carried out on land to the rear of the former Greyhound Public House, Amesbury. The excavation revealed archaeological features including two pits and a shallow ditch, aligned north-south, which cut through one of the pits. Dating of the features was determined by a small number of sherds of 12 th to 14 th -century pottery.

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EWI7557	2012.110	English Heritage	Earthwork Survey	2012	Bowden, M, Field, D, and Soutar, S, 2012, <i>Stonehenge World Heritage Site Landscape Project. Lake Barrows, The Diamond and Normanton Gorse</i> . English Heritage Research Report Series 29-2012.	Level 1 survey with some elements of Level 2 work, as defined by English Heritage guidelines.	Rapid survey of three areas on Boreland Farm was undertaken as part of the Stonehenge World Heritage Site Landscape Project. Barrows, field systems and linear ditches were investigated, as well as elements of the more recent landscape. The opportunity was taken to report a previous survey of the nearby long barrow Wilsford 34. The most significant issues raised were: the previously accepted relationships between the Lake Barrows and adjacent linear ditches; and the existence of the 'North Kite' enclosure. A more conventional relative chronology between the barrows and the linear ditches is suggested here but more detailed survey is recommended to resolve this issue satisfactorily; in the light of results from aerial survey it is suggested that the 'North Kite' is a fortuitous survival of linear ditches which were otherwise ploughed out before the first maps and antiquarian records were made.
EWI7584	2008.041	Rudyard Consultancy	Evaluation	2008	Brayne, K, 2008, <i>Report on an Archaeological Evaluation at Moor Hatches, West Amesbury</i> .	Not specified in HER.	One possible archaeological cut feature was recorded in the location of the proposed car barn, though it is possibly a natural feature.
EWI7585	2008.104	Rudyard Consultancy	Watching Brief	2008	Brayne, K, 2008, <i>Report on an Archaeological Watching Brief at Moor Hatches, West Amesbury</i> .	Watching Brief.	A watching brief was undertaken during groundworks to remove an existing garden wall and topsoil stripping within a Scheduled Monument, plus the excavation of a swimming pool in the area immediately adjacent to the Scheduled Monument. A wide linear feature, orientated northwest-southeast, was observed in the southern extent of the trench excavated for the swimming pool.
EWI7586	2008.103	Rudyard Consultancy	Watching Brief	2008	Brayne, K, 2008, <i>Report on an Archaeological Watching Brief on a Boundary Wall and Storage Wall at Moor Hatches, West Amesbury</i> .	Watching Brief.	No archaeological features were encountered during the groundworks for the boundary wall or the storage wall. However, it was revealed that the Woodford Valley Road has deviated slightly in more recent times, and used to run slightly to the south of the modern line. Therefore, remains of earlier buildings that fronted the road may be present in the Moor Hatches garden.
EWI7594	2008.095	M. Parker Pearson et al.	Excavation	2008	Parker Pearson, M, et al., 2008, <i>Stonehenge Riverside Project</i> .	N/A.	Various events: Aubrey Hole 7; The Stonehenge Avenue Bend; The Stonehenge Avenue Riverside; The sarsen-dressing area; The Greater Stonehenge Cursus and Amesbury 42 Long Barrow; The Stonehenge Avenue's 'Northern Branch'; The Stonehenge Palisade.
EWI7655	2014.118	Wessex Archaeology	GI Test Pitting	2014	Egging Dinwiddy, K, 2014, <i>Watching Brief for the Army Basing Programme (ABP) at Bulford, Larkhill, Perham Down and Tidworth</i> .	Watching Brief	A programme of geotechnical test-pitting at four military camps on the Salisbury Plain Defence Training Estates was archaeologically monitored. No archaeological features, deposits or artefacts were encountered during the course of the works.
EWI7681	2015.001	Wessex Archaeology	Evaluation	2015	Wessex Archaeology, 2015, <i>SVEP, Airman's Corner, Winterbourne Stoke, Wiltshire. Archaeological Evaluation Report</i> .	10 machine-dug trenches and 10 hand-dug test pits.	Undertaken on land to the north of the new Stonehenge Visitor Centre located at Airman's Corner. No archaeological features or deposits were identified within the excavated trenches or test pits, although a small number of modern postholes and ditch features were uncovered. A number of tree throws and natural geological features were also uncovered and investigated, although no associated archaeological finds were recovered. A small assemblage of worked flint was recovered from seven of the ten test pits (a combined total of one core, 21 worked flakes and two broken flakes). The material was fairly evenly spread across the test pits with no significant concentration of material being evident and the results appear to represent a typical low-level background scattering of later Neolithic-Bronze Age material.

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EWI7687	2014.130	AC Archaeology	Watching Brief	2013	Brace, D, 2014, <i>Southern DC, Solstice Park, Amesbury, Wiltshire.</i>	Watching Brief	Despite the monitored area lying within an area of known archaeological potential including the course of a prehistoric linear ditch, no archaeological deposits or artefacts were recorded during the groundworks. The area appeared to have been infilled with chalk to a depth in excess of 3m and no impact on any archaeological deposits that might survive at this level occurred.
EWI7699	2014.138	AC Archaeology	Evaluation	2014	Brace, D, 2014, <i>Evaluation to the Rear of Pike's Cottage, West Amesbury.</i>	1 trench.	A small quantity of artefacts was observed, comprising post-medieval pottery sherds, brick fragments and a single piece of glass. No archaeological deposits were present within the evaluation trench.
EWI7758	2010.061	English Heritage	Earthwork survey	2009-10	Bax, S, Bowden, M, Komar, A, and Newsome, S, 2010, <i>Stonehenge World Heritage Site Landscape Project. Winterbourne Stoke Crossroads.</i>	Not specified in HER.	The area covered by the barrows at Winterbourne Stoke Clump was surveyed as part of the Stonehenge WHS Landscape Project. This has revealed previously unrecorded features and demonstrated some chronological relationships between the barrows.
EWI7760	2005.165	National Trust	Evaluation	2005	Papworth, M, 2005, <i>Stonehenge Cottages: evaluation trenches. Excavated June 29th 2005.</i>	Very limited trenching within cottage gardens.	Trenches were excavated on two occasions prior to the laying of a new car park surface. During the initial work in June 2005, two trenches revealed the remains of later post-medieval and modern gravel surfaces with fragments of animal bone, tobacco pipe stem and possible Iron Age or Roman pottery. This supported documentary evidence for the site being occupied from the 19 th century. In August, further trenches opened by Year 9 school students revealed the same 18 th -19 th century gravel surfaces beneath garden topsoil, and recovered slate and clay tile fragments, small animal bones, a worn flint flake and a modern gold-coloured ring. A watching brief during the construction of the car park in September 2005 did not reveal any archaeological deposits or pre-20 th century artefacts. A backfilled modern service trench and garden bed edging were the only features observed.
EWI7761	2010.059	English Heritage	Earthwork survey	2010	Barrett, K, and Bowden, M, 2010, <i>Stonehenge World Heritage Site, Normanton Down. Archaeological Survey Report.</i>	Not specified in HER.	Much of the Normanton Down Barrow Group was surveyed as part of the Stonehenge World Heritage Site Landscape Project.
EWI7763	2010.112	English Heritage	Earthwork survey	2009	Field, D, and Pearson, T, 2010, <i>Stonehenge World Heritage Site Landscape Project: Stonehenge, Amesbury, Wiltshire.</i>	Not specified in HER.	Analytical survey of the ground surface at Stonehenge revealed the presence of a number of interesting earthworks that have a bearing on interpretation of the development of the monument.
EWI7765	2009.098	English Heritage	Earthwork survey	2009	Field, D, 2009, <i>Airman's Corner, Winterbourne Stoke, Wiltshire.</i>	Not specified in HER.	Inspection of four fields centred on Airman's Corner revealed a cultivated landscape where traces of earlier activity had for the most part long been levelled.
EWI7766	2009.050	National Trust	Watching Brief	2008-9	Papworth, M, 2009, <i>Archaeological Watching Brief for Post-Holes Excavated on the Stonehenge Estate December 2008-April 2009.</i>	Watching Brief.	Nine post-holes were excavated and any archaeological material recorded, prior to the installation of an information board, boundary signage and a gateway. These variously revealed signs of post-medieval hardstanding for gateways, a flat-bottomed v-shaped ditch, clinker and evidence of a 20 th century military trackway, and a vertical-sided post-hole containing prehistoric flint.
EWI7768	2009.51	National Trust	Geophysics	2009	Papworth, M, 2009, <i>Stonehenge Estate Geophysical Survey of Seven Barrows on Countess Farm and King Barrow Ridge in January 2009.</i>	Unknown: report not seen. Will form part of data to be provided by HE, otherwise this will be pursued via Wessex Archaeology.	In advance of conservation management, geophysical surveys were carried out over six barrows and one possible barrow. These revealed more detail of the monuments' shapes and ditches, as well as suggesting internal features such as pits within some of the monuments.
EWI7769	2014.175	Wessex Archaeology	Watching Brief	2014	Dinwiddy, K, 2014, <i>Badger Sett Closure and Barrow Restoration Project, Winterbourne Stoke Down, Wiltshire.</i>	Watching Brief.	An archaeological watching brief was maintained during the infilling of badger setts in three barrows on Winterbourne Down. A small quantity of Late Neolithic to Early Bronze Age worked flint was recovered.

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EWI7771	2012.121	University of Birmingham	Geophysics	2010-14	Gaffney, V, et al., 2012, <i>The Stonehenge Hidden Landscapes Project. Archaeological Prospection.</i>	This is an overarching HER entry for the project. Individual seasons are assigned their own numbers.	This project aimed to address gaps in our knowledge and understanding of the Stonehenge landscape by conducting a cutting-edge geophysical and remote sensing survey at an unprecedented scale and resolution. Beginning in July 2010, the fieldwork took about 120 days, spread over four years. Cutting-edge geophysical technologies, applied at an unprecedented spatial scale and resolution using multiple motorized magnetometers, ground-penetrating radar arrays, electromagnetic induction sensors, earth resistance surveys and terrestrial 3D laser scanners, have revealed the landscape of Stonehenge through the largest and most detailed archaeological prospection project. The results of the survey project are used to create a highly detailed archaeological map of the 'invisible' landscape, providing the basis for a full interpretative synthesis of all existing remote sensing and geophysical data from the study area.
EWI7773	2011.093	Foundations Archaeology	Watching Brief	2011	Nicholls, H, 2011, <i>Land at Countess Farm, Stonehenge Estate, Wiltshire.</i>	Watching Brief.	Groundworks were monitored during the laying of a new cable. No archaeological features, deposits or artefacts were present within the monitored area.
EWI7774	2012.060	English Heritage	Environmental sampling	2011	Marshall, P, Darvill, T, Parker Pearson, M, and Wainwright, G, 2012. <i>Stonehenge, Amesbury, Wiltshire: Chronological Modelling.</i>	N/A	Chronological models were produced using radiocarbon determinations obtained on samples dated from Stonehenge up to the end of 2011.
EWI7784	2009.094	Parker Pearson, M	Excavation	2009	Parker Pearson, M, et al., 2009, <i>Excavations at the Riverside End of the Stonehenge Avenue. Stonehenge Riverside Project 2009 (incorporating 2008).</i>	Test pits, test trenches.	Test pits and trenches were excavated at the end of the Stonehenge Avenue, beside the River Avon, discovering a lost bluestone circle. The stones had been removed in prehistory, but the sizes and shapes of their empty sockets indicate that these formerly held Welsh bluestones. The bluestone circle was succeeded by a henge, comprising a circular ditch 23.4m wide with an external bank.
EWI7787	2004.167	GSB Prospection	Geophysics	2004	Saunders, M, 2004, <i>A303 Wiltshire.</i>	Not specified in HER.	A gradiometer survey identified evidence of a former field boundary of unknown date, surrounded by an area of magnetic disturbance suggesting a build-up of material adjacent to it. Other features are thought to possibly indicate terracing and relate well to features identified in 2002, though a natural origin cannot be ruled out.
EWI7791	Not given in HER	English Heritage	Photogrammetry survey	1993-6	Bryan, P, and Clowes, M, 1997, <i>Surveying Stonehenge by Photogrammetry, Photogrammetric Record Vol. 15.</i>	N/A	A photogrammetric survey of the Stones of Stonehenge was carried out in order to digitally record them, generate a three-dimensional model and investigate the capabilities of the software in relation to the task.
EWI7804	2014.181	Wessex Archaeology	Excavation	2013	Wessex Archaeology, 2014, <i>The Old Dairy, London Road, Amesbury, Wiltshire.</i>	Excavation.	The excavations produced unexpected evidence for multi-phase activity, much of it linked with funerary use, extending from at least the Middle Neolithic to the Anglo-Saxon period. The earliest activity included two Middle Neolithic pits, one of which contained Peterborough Ware pottery. Three large ring ditches of Bronze Age date were recorded, and appear to represent a previously unrecorded funerary complex, located in an area that already boasts some of the densest concentrations of such monuments in the country. The largest ring ditch measured 28m in diameter. The site also revealed a small Anglo-Saxon inhumation cemetery spanning the late 7 th -early 8 th centuries. Five inhumations, most with grave goods, were arranged around a central inhumation burial. This burial, which was surrounded by a shallow ring ditch, was heavily disturbed and the bones rearranged, possibly within the Anglo-Saxon period.
EWI7810	2012.124	English Heritage, ArcHeritage	Laser scanning	2012	Abbott, M, and Anderson-Whymark, H, 2012, <i>Stonehenge Laser Scan: Archaeological Analysis Report.</i>	N/A	Archaeological analysis of laser scan data of Stonehenge.

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EWI7811	Not given in HER	Darvill, T. and Wainwright, G.	Excavation	2008	Darvill, T, and Wainwright, G, 2009, Stonehenge Excavations 2008, <i>Antiquaries Journal</i> 89.	N/A	Excavation was carried out within the stone circle, to date the construction of the Double Bluestone Circle. Evidence is presented for a provisional working date of around 2300 BC for the construction of the Double Bluestone Circle, while it is argued that the history of the site is far more complex than has been allowed for in existing interpretations, with a multiplicity of overlapping and intercutting (though not continuous) events, including substantial late Roman, medieval and early modern activity.
EWI7818	2015.015	Wessex Archaeology	Watching Brief	2015	Wessex Archaeology, 2015, <i>The Old Stonehenge Visitors Centre, BT Cable Trench, Winterbourne Stoke, Wiltshire.</i>	Watching Brief	An archaeological watching brief was carried out during the laying of a cable within an existing cable duct at Stonehenge. No archaeological artefacts, deposits or features were observed during the course of the work.
EWI7819	2013.109	Cotswold Archaeology	Evaluation	2013	Howard, A, 2013, <i>Land at Rolleston, Wiltshire.</i>	7 trenches.	An archaeological evaluation was undertaken, involving the excavation of seven trenches. No features of archaeological significance were revealed, and the only other features that were recorded were five tree throws.
EWI7820	1999.032	Unknown	Chance find	1999	Swanton, G, 1999, <i>Human Remains at Long Barrow Cross Roads.</i>	N/A.	Human remains were recovered following disturbance by badgers and identified as over 100 years old. It was suggested that they might relate to a burial or cemetery in the environs of the Neolithic and Bronze Age upstanding monuments in the vicinity.
EWI7822	2006.105	AC Archaeology	Watching Brief	2006	Evans, P, 2006, <i>Proposed Bungalow on Land Adjacent to Longridge, Church Street, Winterbourne Stoke.</i>	Watching Brief.	A watching brief prior to development work revealed a single linear feature containing slag and one sherd of medieval pottery in a charcoal-rich fill.
EWI7824	2009.065	English Heritage	Geophysics	2009	Linford, N, and Martin, L, 2009, <i>Airman's Corner, Winterbourne Stoke, Wiltshire.</i>	Not specified in HER.	The magnetometry survey confirmed the location of activity suggested by historic mapping and suggested a wider scatter of possibly much earlier pit-type anomalies across the down. A targeted area of resistivity was also carried out and enhanced the interpretation of probable 19 th -20 th century built structures at the site.
EWI7825	2009.066	Wessex Archaeology	Geophysics	2009	Urmston, B, 2009, <i>Airman's Corner, Wiltshire. Detailed Gradiometer Survey.</i>	Sample interval 0.25m along transects 1m apart.	Several features appeared on the geophysical survey. These included the enclosing ditch of a scheduled bowl barrow, which seemed to also have some internal features. To the east of this was an apparent complex of post pits, forming a circle, within which were two other possible features. Elsewhere, there were many other possibly clustered circular and sub-circular pit-like features, perhaps indicating quarrying or storage across the site. Numerous linear and curvilinear trends were also present, though these were not clearly identified as features, but might indicate previous ploughing directions.
EWI7826	2009.067	Wessex Archaeology	Evaluation	2009	Thompson, S, 2009, <i>Land at Airman's Corner, Wiltshire. Archaeological Evaluation Report.</i>	52 machine dug trenches, each 30 x 2.2m; 40 hand dug test pits. 6.9% of area sampled.	Very few positive archaeological features were identified during the evaluation. The linear ditch, identified during an earlier earthwork survey, may form part of a planned boundary along the southern edge of the dry valley separating the southern field system from possible pasture within the coombe to the north. Extensive prehistoric field systems which are recorded to the west and south-east of the site did not extend into the proposed development area, and trenches across the projected line of the linear did not identify the ditch. Analysis of finds from the topsoil confirmed a scattering of later Neolithic-Bronze Age flintwork across the site. No structural traces of 19 th century buildings or the early 20 th century air crash known from the site were identified.
EWI7869	2011.063	Wessex Archaeology	Watching Brief	2011	Fitzpatrick, R, 2011, <i>Stonehenge Environmental Improvements Project, A344 Works, Stonehenge, Wiltshire. Archaeological Watching Brief.</i>	Watching Brief.	The watching brief comprised the hand excavation of twelve trial pits across the Stonehenge Visitor Centre car park and nearby roads. No archaeological features or deposits were evident within the trial pits, thought to be because they did not extend below the level of made-ground deposits. This suggests that the potential for archaeology surviving below the excavated level is still high.

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EWI7879	2014.196	Rudyard Consultancy	Watching Brief	2014	Brayne, K, 2014, <i>Report on the Archaeological Watching Brief of Groundworks at 31 Kitchener Road, Amesbury.</i>	Watching Brief.	No archaeological artefacts or deposits were observed during the watching brief, though some evidence of landscaping, such as redeposited hardcore and other materials were observed in some areas.
EWI7883	2014.197	Wessex Archaeology	Evaluation	2012-13	Harding, P, and Farr, S, 2014, <i>Stonehenge Environmental Improvements Project. Longbarrow Crossroads, Winterbourne Stoke, Wiltshire.</i>	Two evaluation trenches, machine-excavated, hand cleaned. Subsequent excavation, watching brief.	The line of a ditch of probable Late Bronze Age was confirmed by trench evaluation. Nothing was found to confirm its date. A further ditch cut through the tertiary fills of the ditch. Work also recorded a number of field boundary ditches associated with 'Celtic field' systems. Molluscan analysis.
EWI7931	2015.048	Richards, J.	Geophysics, fieldwalking, metal-detecting and test pit excavation	2014	Richards, J, 2015, <i>Operation Warhorse, The Hidden History of Larkhill's Horse Hospital.</i>	Not specified in HER	Geophysical survey, fieldwalking, metal-detecting and test pit excavation were carried out as part of the 'Operation Warhorse' project. While finds were recovered that implied the hospital was located nearby, traces of the buildings were not discovered.
EWI7941	2015.053	Cotswold Archaeology	Watching Brief	2015	Howard, A, 2015, <i>BT Duct Beacon Hill, Nr. Bulford Camp, Wiltshire.</i>	Watching Brief.	No features or deposits of archaeological interest were observed during groundworks, and no artefactual material pre-dating the modern period was present.
EWI8007	2015.073	University of Birmingham	Geophysics	2011	Stonehenge Hidden Landscapes Project Team, 2015, <i>Stonehenge Hidden Landscapes: Field Season 2 (2011).</i>	Magnetometry, GPR, earth resistance, electrical imaging, low frequency EM. Magnetometry: 249ha. sampling 0.125m intervals (0.125m x 0.25m, zigzag). GPR hand-held: open ground, 0.25m intervals; woodland, 0.5m intervals. GPR motorised: 0.08 x 0.08m, zigzag.	The second season of the Project involved the continued development of novel motorized geophysical measurement devices, the improvement of measurement methodology and the development and adaptation of corresponding data processing software. Over 550 ha of remotely sensed data were collected in 3 weeks from within a 2.5 square kilometre area centred on Stonehenge. Many new and unexpected features were apparent in these preliminary results. These included, an apparent major gap in the centre of the northern Cursus ditch, the mapped route of the palisade ditch, which seemed to reach almost to the Cursus to the north, yet not linking with the ditch section south of the A344; as well as a series of small monuments and features including: a large horseshoe monument south of the Cursus, clusters of pits west of the King Barrow ridge as well as a series of large pits in various positions across the survey area – in particular two very large pits were discovered situated in the western and eastern ends of the Cursus monument.
EWI8008	2015.074	University of Birmingham	Geophysics	2012-13	Stonehenge Hidden Landscapes Project Team, 2015, <i>Stonehenge Hidden Landscapes: Field Season 3 (2012-13).</i>	463ha – making a total of 708ha for the 3 seasons combined. Magnetometry: 0.125m intervals.	The third season of the Project involved the continued development of novel motorized geophysical measurement devices, the improvement of measurement methodology and the development and adaptation of corresponding data processing software. Over 463 ha of magnetometer data was collected in 6 weeks on National Trust land from within a 4km x 3km area centred on the Stonehenge monument field. Many new and unexpected features were apparent in these preliminary results.
EWI8009	2015.075	University Birmingham	Geophysics	2013-14	Stonehenge Hidden Landscapes Project Team, 2015, <i>Stonehenge Hidden Landscapes: Field Season 4 (2013-14).</i>	255ha of magnetometer data from an area of 12sq km. Adds/infills earlier survey area, mainly to eastern and western extremes.	The fourth season of the Project involved the continued development of novel motorized geophysical measurement devices, the improvement of measurement methodology and the development and adaptation of corresponding data processing software. The survey area was expanded to the east and west, as well as covering a small central area immediately surrounding the Stonehenge monument. In 2013–14, over 255 ha of magnetometer data were collected on National Trust land from within an area of approximately 12 sq. km centred on the Stonehenge monument field. A total of 971 ha of magnetometer data was therefore collected over four seasons from 2010 to 2014. Many new and unexpected features were apparent in these preliminary results.

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EWI8052	2010.146	Jacques, D	Excavation	2005-14	Jacques, D, Phillips, T, and Clarke, M, 2010, A Reassessment of the Importance of Vespasian's Camp in the Stonehenge Landscape, <i>PAST, The Newsletter of the Prehistoric Society</i> 66; Jacques, D, and Phillips, T, 2014, Mesolithic settlement near Stonehenge: excavations at Blick Mead, Vespasian's Camp, Amesbury. Wiltshire <i>Archaeological and Natural History Magazine</i> 107.	Not specified in HER.	Excavation uncovered preserved Mesolithic deposits suggesting a possible Mesolithic settlement in the northwest corner of Vespasian's Camp.
EWI8059	2016.009	Historic England	Geophysics	2015	Stonehenge Southern WHS Survey: West Amesbury, Wiltshire. Report on geophysical surveys, October 2015.	Magnetometry. Sample density c.0.2m intervals, 0.5m separated linear array. GPR: 0.075m x 0.075m sample intervals. The two surveys don't coincide: two land parcels – magnetometry on both, GPR only on the northern parcel.	Whilst largely reflecting the cropmark evidence, the magnetometer survey has provided some additional detail and has indicated one potentially unrecognised weakly magnetised ring-ditch in the vicinity of Coneybury Henge. Neither magnetometer nor GPR technique provides any additional evidence for the three ring-ditches plotted from cropmarks to the west of the site. The GPR has produced a more complex response, often dominated by the underlying geomorphology, but has also revealed a more subtle pattern of linear anomalies, possibly an extension to the known prehistoric or Roman field systems. Numerous discrete anomalies recorded by both techniques provide evidence for wide spread distribution of pits or tree throw hollows across the down land.
EWI8064	2015.110	Jacques, D	Excavation	2014	Jacques, D, Phillips, T, Lyons, T, and Bishop, B, 2015, <i>Excavations at Blick Mead, to the north-east of Vespasian's Camp, Vespasian's Camp, Amesbury, Wiltshire: 2014 fieldwork results. University of Buckingham. Report 2.</i>	Not specified in HER.	The fieldwork comprised a single excavation trench, Trench 24, situated on a terraced area to the north-west of a spring head where previous excavations have yielded Mesolithic flintwork and animal bone.
EWI8066	2015.109	Wessex Archaeology	Watching Brief	2015	Higbee, L, 2015, <i>SVEP, Airman's Corner, Winterbourne Stoke, Wiltshire. Archaeological Watching Brief.</i>	Watching Brief.	The watching brief followed on from a previous geophysical survey undertaken as part of the Stonehenge Environmental Improvements Project (SEIP), and subsequent archaeological evaluations. Features identified and recorded included three tree-throw holes, modern soakaway pits and a modern linear feature. The results were consistent with the findings of the evaluation and suggested that the area is devoid of buried archaeology remains.
EWI8072	2006.126	Wessex Archaeology	Fieldwalking	2006	Harding, P, and Crockett, A, 2006, <i>National Trust Fieldwalking Survey at Stonehenge and Avebury WHS: Stonehenge Down.</i>	16 collection units/ha; 8% of each ha.	The total area investigated measured c.34 hectares, comprising 576 collection units (runs) that yielded 4,226 objects weighing a total of 81,615g. The distribution of flint work was felt to demonstrate the full extent of this major cluster of prehistoric activity. The survey confirmed that the southern boundary of this activity was defined by the crest of Stonehenge Down, beyond which flint recovery was severely reduced. No Roman or medieval material was recovered although a single sherd of Anglo Saxon pottery was found at the north end of the study area. Post-medieval and modern remains were concentrated towards the southern edge of the survey area, within the WWI Stonehenge Airfield Day Camp and aerodrome complex that was demolished in the 1920s.

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EWI8103	2015.117	Historic England	Geophysics	2015	Linford, N, Linford, P, and Payne, A, 2015, <i>Stonehenge Southern WHS Survey Diamonds Field, Boreham Farm, Wiltshire.</i>	Magnetometry. Sample density c.0.2m intervals. GPR: 0.075m x 0.075m sample intervals.	Caesium magnetometer and Ground Penetrating Radar (GPR) surveys were conducted over Diamonds Field as part of the Stonehenge World Heritage Site (SWHS) Southern Landscape Project, during a first tranche of fieldwork in autumn 2015 on sites within the Priority 1 study area. Both the magnetometer and GPR surveys successfully identified anomalies that correlate well with the known aerial photographs, confirming the majority of known remains and identified some additional significant activity.
EWI8106	2016.010	Historic England	Geophysics	2015	Linford, N, Linford, P, and Payne, A, 2016, <i>Stonehenge Southern WHS Survey: Normanton Down, Wiltshire.</i>	Not specified in HER.	The magnetometer survey covered the majority of Normanton Down and largely confirmed the known distribution of monuments. More targeted GPR coverage provided useful information regarding the survival of the barrows and illustrated the impact of ploughing on the landscape before the current reversion to pasture. The long linear ditches crossing the downs shown on cropmarks have proved difficult to identify, with one magnetic response appearing to be more suggestive of a track way and a series of discrete GPR anomalies to the north of the main barrow group may be related to a Roman pit alignment. Some further detail has been revealed to the south of the site over the North Kite earthworks, suggesting buried stones or pits.
EWI8107	2015.120	Historic England	Geophysics	2015	Linford, N, Linford, P, and Payne, A, 2015, <i>Stonehenge Southern WHS Survey: Diamonds Field, Druid's Lodge, Wiltshire.</i>	Magnetometry. Sample density c.0.2m intervals. GPR: 0.075m x 0.075m sample intervals. Note: GPR only covers the central part of the study area – northern and southern limits only covered by magnetometer survey.	Caesium magnetometer and Ground Penetrating Radar (GPR) surveys were conducted on Wilsford Down over Diamonds Field, Druid's Lodge Estate, Wilsford cum Lake, Wiltshire, as part of the Stonehenge World Heritage Site (SWHS) Southern Landscape Project. Results from both techniques were partially affected by disturbance from the former military railway crossing the western extent of the survey, although the survey complemented records of known historic assets within the area, including previous limited fluxgate coverage. The vehicle towed caesium magnetometer survey (10.1ha) identified linear anomalies related to the wide spread pattern of field enclosures and land division in the area, together with a confirmation of the magnetic response of the known henge monument and the better location on the ground of a supposed Neolithic long-barrow. GPR survey (6.2ha) was focused on the henge and a possible round barrow, where the data supports a more complex reuse of the original monument.
EWI8114	Not given in HER	Clarke, B.	Watching Brief	2012	Clarke, B, 2014, <i>Excavation and Fieldwork in Wiltshire 2012, Wiltshire Archaeological and Natural History Magazine 107.</i>	Watching Brief	A watching brief during the laying of an underground electricity cable along the line of a former railway. No significant archaeological features were uncovered, although a number of periglacial features were discovered near Strangeways, similar to 'periglacial stripes', containing worked flints. Early 20 th century railway items were found in The Paddock next to the A345.
EWI8115	Not given in HER	Clarke, B	Watching Brief	2012	Clarke, B, 2014, <i>Excavation and Fieldwork in Wiltshire 2012, Wiltshire Archaeological and Natural History Magazine 107.</i>	Watching Brief	A watching brief during the installation of a soakaway, involving the excavation of two shallow trenches. No archaeological features or artefacts were uncovered.
EWI8116	Not given in HER	Clarke, B.	Watching Brief	2014	Clarke, B, 2014, <i>Excavation and Fieldwork in Wiltshire 2012, Wiltshire Archaeological and Natural History Magazine 107.</i>	Watching Brief	A number of watching briefs conducted during minor interventions for the installation of new gates, fences, etc., behind Stonehenge Cottage, Walkway Field and Fargo Plantation. No archaeological features or artefacts were uncovered.
EWI8118	Not given in HER	Foundations Archaeology	Watching Brief	2011	Draper, S, 2013, <i>Excavation and Fieldwork in Wiltshire 2011, Wiltshire Archaeological and Natural History Magazine 106.</i>	Watching Brief	Archaeological monitoring of a 1m wide trench from pylon DD45 during the laying of an underground cable. No archaeological features, deposits or artefacts were present.

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EWI8133	2010.039	Wessex Archaeology	Walkover Survey	2009-10	Harding, P, 2010, <i>DTE Salisbury Plain, Wiltshire</i> .	N/A	A condition survey was undertaken of archaeological sites on Schedule III designated land within the Defence Training Estate Salisbury Plain. The work concluded that the condition of the archaeological resource had improved relative to the 2000 and 2005 assessments, largely as the result of effective conservation measures. It also established that despite the intensive use of the DTE Salisbury Plain for training, military activity continued to have only a very minor impact on archaeological monuments.
EWI8142	Not given in HER	Wessex Archaeology	Evaluation	2008	Draper, S, 2010, Excavation and Fieldwork in Wiltshire 2008, <i>Wiltshire Archaeological and Natural History Magazine</i> 103.	22 test pits; further information not given by HER.	An evaluation comprising 22 test pits revealed post-medieval garden soil in the eastern part of the site, and a post-medieval building fronting Salisbury Street that is shown on the 1879 1 st edition OS map.
EWI8145	Not given in HER	Cotswold Archaeology	Evaluation	2008	Draper, S, 2010. Excavation and Fieldwork in Wiltshire 2008, <i>Wiltshire Archaeological and Natural History Magazine</i> 103.	1 trench.	An evaluation excavation revealed three post-medieval pits, which appeared to have been truncated by subsequent development activity.
EWI8146	Not given in HER	Darvill, T and Wainwright, G.	Excavation	2008	Darvill, T, and Wainwright, G, 2009, Stonehenge Excavations 2008, <i>Antiquaries Journal</i> 89.	N/A.	A small-scale excavation used a single trench to investigate an area adjacent to Stones 9 and 10 and 34 and 35a, to clarify the date of the Double Bluestone Circle, and to document the history of the bluestones through later phases. 15 bed-rock cut features were found, in the bottom of one of which was a coin of Constantius II c. 338 AD. Medieval, post-medieval and modern features representing stone robbing and antiquarian investigation were found across the trench.
EWI8149	2014.222, 2016.020	Wessex Archaeology	Excavation	2012-14	Powell, A, 2014, <i>Stonehenge Environmental Improvements Project, Wiltshire</i> ; Powell, A, and Farr, S, 2016, <i>Stonehenge Environmental Improvements Project, Wiltshire. Assessment Report on Archaeological Mitigation</i> .	Not specified in HER.	The archaeological excavation during the removal of the A344 road adjacent to Stonehenge revealed short lengths of the Stonehenge Avenue ditches, and a part of the outer edge of the ditch that encircles the Heel Stone. All had been truncated by the construction of the road. No traces of the Avenue's internal banks survived, although these were reflected in the ditches' fill profiles. Small pieces of Bluestone, and one of Sarsen, were recovered from the upper levels of the Avenue ditches. A large oval feature was exposed on the west side of the A360, approximately 110m south of Airman's Corner. A slot cut through it revealed a sequence of fills, including layers of burnt soil the lowest of which provided a radiocarbon date of cal AD 1655 – 1955. The feature is interpreted as a possible quarry, perhaps to provide bank material for the post-medieval square embanked pond on the other side of the road. The burning event, which occurred after the feature had partly silted up, may have involved the burning of turves to provide fertiliser for the cultivation of former pasture, a process known in Wiltshire as 'burnbaking'. A number of Burnbake field names are recorded on historic mapping in the Stonehenge landscape. The old visitor facilities and structures at Stonehenge were subject to Level 1 building recording prior to their demolition. The Grade II listed Airman's Cross memorial, which commemorates the first fatal military aviation accident, on 5 th July 1912, was photographed in situ and during lifting, as was the adjacent unlisted milestone.

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EWI8150	2016.021	Historic England	Excavation	2015-16	Roberts, D, Valdez-Tullett, A, and Forward, A, 2016, <i>HE7238 - Stonehenge Southern WHS Survey: Assessment Report</i> .	Not specified in HER.	The Historic England Excavation and Analysis team undertook excavations on three separate sites to the south of the A303, one known as Druids Lodge and the other two known as West Amesbury. These areas were selected on the basis of extensive geophysical surveys. The western area, Druids Lodge, was planned to investigate four particular features through five trenches. These were a large pit-like anomaly, some ditches from a wider field system, the terminus of a substantial ditch and a series of pits around a scheduled bowl barrow. The West Amesbury Farm excavations were focussed on an area south of the A303 and targeted a square enclosure ditch, a linear boundary and pits, either end of a hooked ditch and a linear boundary ditch. There were also a number of other features, probably natural in origin, including tree throws.
EWI8151	2006.112, 2007.153	Wessex Archaeology	Excavation, Watching Brief	2006-9	Powell, A, Chandler, J, Godden, D, Mephram, L, Stevens, C, and Knight, S, 2006, <i>Evidence for Late Saxon and Medieval Occupation Near Salisbury Street, Amesbury</i> ; Wessex Archaeology, 2007, <i>Land off Salisbury Street, Amesbury, Wiltshire</i> .	Not specified in HER.	The site was excavated and subject to a watching brief prior to redevelopment, revealing a sequence of Late Saxon, early medieval and post-medieval features dating from the early history of the town.
EWI8172	Not given in HER	N/A	Geophysics	2005	Excavation and Fieldwork in Wiltshire 2005, <i>Wiltshire Archaeological and Natural History Magazine</i> 99 (2007).	Not specified in HER.	Magnetometry, earth resistance and GPR geophysical surveys were carried out over a stripped area of 10m x 7m in the unexcavated portion of the Neolithic circular timber structure, to identify any underlying archaeological remains and estimate the remaining depth of colluvium overburden. Some post-pit anomalies were detected.
EWI8178	Not given in HER	N/A	Excavation	2003	Excavation and Fieldwork in Wiltshire 2003, <i>Wiltshire Archaeological and Natural History Magazine</i> 98 (2005).	N/A	During construction work for a house extension, the partial remains of an adult male were uncovered in a possible grave cut. The part of the skeleton preserved under the house foundations were left in situ.
EWI8297	2008.125	Context One Archaeological Services	Watching Brief	2008	Pegg, F, 2008, <i>CR247: Homanton Pumping Station and Rising Main, Homanton, Shrewton, Salisbury, Wiltshire</i> .	Watching Brief.	During work on a new water main, this watching brief did not identify any archaeological remains or deposits.
EWI8473	2013.132	University of Buckingham	Excavation	2005-12	Jacques, D, and Phillips, T, 2013, <i>Discovery of a Mesolithic homebase at Blick Mead, to the north-east of Vespasian's Camp, Amesbury, Wiltshire</i> .	N/A.	The fieldwork comprised a series of small trenches opened in a silted up spring head on the flood plain of the River Avon. The main finding of the fieldwork was the discovery of a Mesolithic site, evidenced by sealed deposits within three trenches (Trenches 19, 22 and 23). In Trench 19 the Mesolithic layer spread over the entire trench (approximately 6m x 3m) and comprised high densities of struck flint (c.10,000 pieces), burnt flint, and an unusually large assemblage of faunal remains, in which aurochs were predominant. Trenches 22 and 23 were up to 30m to the east and north of Trench 19. Trench 23 in particular contained a large assemblage of flintwork – 1018 pieces from a single 1m square area. A series of five radiocarbon dates obtained from the animal bone in Trench 19 covered a period of c. 2800 years (7593 – 4695 cal. BC). A limited walkover survey on the western ramparts of the hillfort led to the finding of over 50 sherds of Iron Age pottery, which extended the range of the Iron Age occupation of the site from the early Iron Age through to 50BC. In addition, previously undiscovered prehistoric field systems were identified to the east of the hillfort.

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EWI8503	2017.007	Cotswold Archaeology	Watching Brief	2016-17	Clutterbuck, J, 2017, <i>The Stables, West Amesbury House, West Amesbury, Wiltshire.</i>	Watching Brief.	An archaeological watching brief was undertaken during groundworks associated with the construction of a car park and renovation of the stables building. A brick and chalk cob/block built well was uncovered during the watching brief but was most likely post-medieval in origin. It had been covered (following abandonment) with a upturned saddle stone, which were often used in barns, possible indicating an earlier phase of barns had been present within the site prior to the current phase of development. No other features or deposits of archaeological interest were observed during groundworks, and no artefacts pre-dating the modern period were recovered.
EWI8548	2017.016	AC Archaeology	Watching Brief	2017	Simmonds, V, 2017, <i>Land at Rollestone, Wiltshire.</i>	Watching Brief.	Archaeological monitoring and recording of groundworks associated with the erection of a new grain store. No cut features of archaeological significance were revealed during monitoring of the groundworks.
EWI8605	2017.029	AC Archaeology	Evaluation	2017	Jones, P, 2017, <i>Land East of Flower Lane, Amesbury, Wiltshire.</i>	1 machine-dug trench.	The evaluation revealed evidence of a deep garden soil, primarily developed from the late medieval/early post-medieval period through to the modern era, which directly overlay a series of medieval features, with evidence for domestic activity occurring within the site principally during the 12 th to 14 th centuries.
EWI8672	Not given in HER	Wessex Archaeology	Evaluation	2016	Wessex Archaeology, 2017, <i>A303 Amesbury to Berwick Down. Archaeological Evaluation.</i>	67 trenches. 25/50m x 1.9m. Tied in to Historic England National Mapping Programme (NMP). Targeted known features and blank areas. Sample % of total area not specified.	Areas SW1 and SW2. The locations of two Early Neolithic long barrows were investigated and confirmed during the evaluation within SW2. The barrow located at the northern end of SW2 (Barrow 1) had been identified by the NMP and confirmed by geophysical survey, while the barrow located at the centre of SW2 (Barrow 2) had been identified by recent geophysical survey. Two trenches were opened across both monuments, and two slots excavated through the ditches of Barrow 1, and four slots at Barrow 2. It was also noted that areas of higher natural chalk between the flanking ditches and a redeposited reverse sequence of chalk and topsoil (within one of the Barrow 2 ditches) are a probable indicator of a once present earthwork. Another significant nearby feature in SW2, a small penannular ditched monument, identified by geophysical survey, was also located and confirmed during the evaluation. The evaluation indicated that it was closely associated with two cremation burials, one clearly pre-dating one of the ditch's terminals, the other located just behind the terminal. Beaker pottery was recovered from the main monument ditch. Further notable features included two small pits containing Beaker/EBA pottery (Late Neo/EBA date), plus worked and burnt flint, from the vicinity of Barrow 1. All the recorded features in SW1 were ditches. Most substantial was a Wessex Linear boundary ditch running NE-SW considered to be of LBA/EIA date. Other ditches were recorded running roughly perpendicular to it towards the NW. Similar ditches were recorded by the geophysical survey in SW2, where they appeared to form at least two long wide fields. Dominant features mapped from APs around SW2 comprise a dense rectilinear arrangement of much smaller fields, none of which were identified in the evaluation trenches, suggesting that cropmarks probably represent lynchets, rather than ditches. A number of shallow N-S linear features recorded on the western side of SW2 appear to be associated with the early 20 th -century Larkhill Military Light Railway.

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EWI8780	2017.087	Ghent University and University of Birmingham	Borehole Survey	2014-16	De Smedt, P, Garwood, P, and Chapman, H, 2017, <i>Geoarchaeological Investigations at Stonehenge: Phase 1 - Borehole Sampling.</i>	Not specified in HER.	Over a three year period a series of high-resolution electromagnetic induction (EMI) surveys were undertaken within the core area of the Stonehenge part of the World Heritage Site. The first stage of this work consisted of manual coring and manual geophysical sounding aimed at calibrating and validating the EMI survey results. This work demonstrated that limited invasive calibration makes it possible to transform geophysical data into concrete geological and archaeological information. Evaluation of the borehole evidence demonstrated the potential of augering and EMI survey for understanding the evolution of the Stonehenge landscape. It was also determined that reasoned analysis of subtle geophysical features aids the recording and interpretation of ephemeral archaeological traces.
EWI8787	2017.091	Wessex Archaeology	Evaluation	2016-17	Powell, A, 2017, <i>A303 Amesbury to Berwick Down, Archaeological Trial Trench Evaluation.</i>	94 trenches.	Evaluation was undertaken within three investigation areas of the WHS referred to as SW1, centred on NGR 411080 141180, SW2 centred on NGR 410150 140900 and NE2, centred on NGR 414180 142115. A total of 94 trenches were opened, 35 within SW1, 32 within SW2 and 27 within NE2. The trenches were positioned to target both known and potential features and to sample 'blank' areas. Previous survey techniques highlighted that known archaeology could be expected in all three areas, although NE2 suggested limited potential. This was mirrored in the results from the trench evaluations, where only a single feature was recorded from area NE2 despite the proximity to the Avenue and other known monuments. In addition, bulk soil samples were taken from the centre points of each trench for the controlled recovery of lithics and other finds, in order to provide some comparison with the results of previous field walking investigations. Archaeological features included: two early Neolithic long barrows; a small penannular ditched monument; two small pits containing Beaker/EBA pottery of late Neolithic / early Bronze Age date plus worked and burnt flint and various ditches including a Wessex Linear boundary ditch. The evaluation identified features that contribute to the Outstanding Universal Value of the WHS – the long barrows and penannular ditch in particular. Under a detailed programme of research excavation, SW2 has a high potential to provide important new information about Neolithic and Beaker / early Bronze Age monument construction and use, and prehistory settlement and land use. The evaluation suggests that NE2 has a lower potential for archaeological features.
EWI8790	2017.092	Ghent University and University of Birmingham	Electromagnetic Survey	2012-15	De Smedt, P, Garwood, P, and Chapman, H, 2017, <i>Section 42 Interim Report of Geophysical Survey: Frequency Domain EMI Prospection in September 2012, June 2013, July and November 2014, July 2015.</i>	Not specified in HER.	Over a three year period a series of high-resolution electromagnetic induction (EMI) surveys were undertaken within the core area of the Stonehenge part of the World Heritage Site. The overall aim of the EMI surveys was to complement the large-scale magnetometer and ground penetrating radar surveys undertaken within the Stonehenge World Heritage Site. The EMI primarily added information on natural soil variation and more extensive soil profiles or stratigraphies preserved within the area. In addition, different physical perspectives were able to be provided on the (past and more recent) anthropogenic soil alterations. Various methodological issues were resolved as the project progressed and 20 Scheduled Monuments were investigated.
EWI8798	2017.096	Thames Valley Archaeological Services	Evaluation	2017	Socha-Paszkiwicz, A, and Paszkiewicz, M, 2017, <i>The Stonehenge School, Antrobus Road, Amesbury, Wiltshire.</i>	Not specified in HER.	An archaeological evaluation was carried out at Stonehenge School but no archaeological features were found.

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EWI8802	2017.100	Wessex Archaeology	Geophysics	2016	Richardson, T, and Crabb, N, 2017, <i>A303 Amesbury to Berwick Down - Stage 1 Final</i> .	Not specified in HER.	A detailed gradiometer survey and ground penetrating radar (GPR) survey was conducted over eight areas along the route of the A303. The site comprises a number of arable fields covering a total area of 227.8 ha. A high density of anomalies of archaeological interest was detected across the scheme. They are primarily ditch-like features which take a number of different forms and date to a variety of different periods. These largely correspond with known archaeological remains derived from aerial sources and represent complexes of prehistoric funerary monuments. Evidence for field systems, settlement, a Roman building and a variety of other significant archaeological features were also identified. Several former field boundaries correlate with OS mapping and aerial photography for the scheme and areas of increased magnetic response, superficial geological deposits, agricultural ploughing trends and numerous modern services were also located. The GPR survey was targeted over eight areas where significant archaeological features were encountered. The majority of these relate to funerary monuments in the form of Neolithic long barrows and Bronze Age round barrows. The results of this GPR survey confirmed this interpretation and provided additional detail regarding their character and extent. In some cases, it also identified additional possible archaeological features within the monuments that are also likely to be of significance. The combination of the detailed gradiometer and the GPR survey identified a complex range of archaeological features and provided greater detail regarding their character and extent.
EWI8804	Not given in HER	Clarke, B	Geophysics, aerial survey	2015	Clarke, B, 2016, <i>Excavation and Fieldwork in Wiltshire 2015, Wiltshire Archaeological and Natural History Magazine 109</i> .	Not specified in HER.	A detailed gradiometer survey and an unmanned aerial vehicle photographic survey were conducted, concentrating on the area of a former horse hospital west of Larkhill and former trench systems on Beacon Hill. These revealed numerous modern features associated with the former camp and hospital, including the course of the former military railway, and the trench systems.
EWI8816	2017.104	Reading University	Geophysics	2017	Fry, R, 2017, <i>New Geophysical Surveys at Winterbourne Stoke Crossroads and Winterbourne Stoke West Bronze Age Barrow Cemeteries</i> .	Not specified in HER.	A series of geophysical surveys were undertaken over two sites within the Winterbourne Stoke (WS) Crossroads, and Winterbourne Stoke West Bronze Age barrow cemeteries respectively. These surveys identified one possible previously unknown pond barrow within the WS West barrow cemetery, a possible early 20th century regular layout of anomalies thought to possibly indicate a military balloon tethering site, and a possible 'weathered cone' which may hint at a possible previously unknown shaft under a pond barrow at WS Crossroads cemetery.
EWI8818	2017.106	AC Archaeology	Watching Brief	2017	Carter, D, 2017, <i>The Greyhound, Smithfield Street, Amesbury, Wiltshire</i> .	Watching Brief.	A single pit of medieval date was identified and recorded within the foundation trench of one of the buildings. A small quantity of medieval pottery was recovered from this feature.
EWI8901	2012.141	Wessex Archaeology	Watching Brief	2011	Reynolds, S, 2012. <i>Site Investigation Works, Airman's Corner, Wiltshire. Archaeological Mitigation Report</i> .	Watching Brief	Site Investigation works were required within the proposed parking and service area to the north of the A344 at Airman's Corner and comprised a number of boreholes within a drilling compound and the construction of a temporary water storage area. Although periglacial variation and plough scarring was noted during the mitigation works, no archaeological features or finds were present within the watching brief or strip, map and record area.
Not assigned	n/a	Wessex Archaeology	Excavation	2006	Wessex Archaeology, 2006, <i>Travelodge Extension, Countess East Services A303, Amesbury, Wiltshire</i> .	Strip, map, record.	A single shallow undated linear feature was revealed, interpreted as root disturbance.
Not assigned	n/a	Wessex Archaeology	Geophysics	2010	Wessex Archaeology, 2010, <i>Land at Druid's Lodge Polo Club, Salisbury, Wiltshire. Detailed Gradiometer Survey Report</i> .	Sample interval 0.25m, transects 1m apart.	The geophysical survey covered 8.7ha and demonstrated the presence of archaeological features across the site, along with numerous anomalies of probable and possible archaeological interest. Of particular note is a large enclosure exhibiting internal structure and features with a number of intersecting tracks to the north and east. Whilst their existence was already

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							known from aerial photography, this survey has added detail to their morphology and extent. A series of linear anomalies seem to relate to former field systems. They share a common alignment, which is reflected in extant boundaries nearby. Several annular anomalies and trends approximately 10m in diameter have been identified, and it is possible that they represent former settlement at the site. A group of discrete anomalies appear to be distributed around an approximate circle 35m in diameter. Numerous other pit-like anomalies and weak trends are distributed throughout the dataset, apparently at random. Whilst some of these are probably archaeological in origin, the remainder lack sufficient magnetic contrast to interpret further.
Not assigned	n/a	Wessex Archaeology	Geophysics	2010	Wessex Archaeology, 2010, <i>Land at Druid's Lodge Polo Club, Salisbury, Wiltshire. Detailed Gradiometer Survey Report (Phase 2).</i>	Sample interval 0.25m, transects 1m apart.	The phase II geophysical survey covered 9.5ha and demonstrated the presence of archaeological features across the site, along with numerous anomalies of probable and possible archaeological interest. Of particular note is a large enclosure exhibiting internal structures and features with a number of intersecting tracks to the north and west. Whilst their existence was already known from aerial photography, this survey has added detail to their morphology and extent. The density of internal features and apparently coherent distribution is of interest. A series of linear anomalies seem to relate to former field systems and trackways, some of which are continuations of linear anomalies identified by the previous survey. In general, their alignments differ from those of extant boundaries. A sub-annular anomaly near the north-eastern corner of the survey area is consistent with a ring ditch or ploughed-out barrow. Elsewhere, numerous discrete anomalies of possible archaeological interest are apparent throughout the dataset, along with weak trends in the magnetic background. Some of these relate to ploughing and are aligned with former boundaries, indicating fossilised field systems.
Not assigned	n/a	Wessex Archaeology / AAJV	Geophysics	2016	Wessex Archaeology / AAJV, 2017, <i>A303 Amesbury to Berwick Down. Geophysical Survey Report.</i>	Gradiometry: data collected at 0.25 m intervals along transects spaced 1 m apart. GPR: data collected along traverses spaced 0.5 m apart. Data with the 400 MHz antenna were collected at 50 scans per unit (1 unit = 1 m) with an effective time window of 50 ns.	The site comprises a number of arable fields covering a total area of 227.8 ha. The anomalies identified by the detailed gradiometer survey are primarily ditch-like features which take a number of different forms and date to a variety of different periods. These largely correspond with known archaeological remains derived from aerial sources and represent complexes of prehistoric funerary monuments. Evidence for field systems, settlement, a Roman building and a variety of other significant archaeological features were also identified. Several former field boundaries correlate with OS mapping and aerial photography for the scheme and areas of increased magnetic response, superficial geological deposits, agricultural ploughing trends and numerous modern services were also located. The GPR survey was targeted over eight areas where significant archaeological features were encountered. The majority of these related to funerary monuments in the form of Neolithic long barrows and Bronze Age round barrows. The results of this GPR survey confirmed this interpretation and provided additional detail regarding their character and extent. In some cases, it also identified additional possible archaeological features within the monuments that were also likely to be of significance
Not assigned	n/a	Wessex Archaeology / AAJV	Watching Brief	2016-17	Wessex Archaeology / AAJV, 2017, <i>A303 Amesbury to Berwick Down. Archaeological Investigations and Mitigation during Ground Investigations.</i>	Watching Brief.	The GI works, located predominantly to the south of the current A303, entailed an initial programme of hand dug trial pits and borehole insertion pits in order to record any archaeological features and deposits before handover to the GI contractor to continue GI surveys. The GI surveys were also monitored for geoarchaeological information where deep alluvial or colluvial deposits had been previously identified. The GI surveys requiring archaeological support comprised 48 borehole insertion pits; and nine trial pits. No archaeological features, and a single natural feature, were recorded in the main programme of test pit excavation. However, due to an unforeseen localised impact, additional work in the form of remedial stripping

HER Event ID	HER Report No.	Organisation	Type	Survey Year	Report Title	Method	Summary
							was undertaken of an area of 27m ² to the immediate south of the A303, 200 m west of the Stonehenge Cottages, which revealed a single archaeological feature, an early Neolithic pit containing pottery, worked flint and animal bone. The pit was fully excavated and its fill 100% sampled. This feature lay within an area previously subject to archaeological evaluation which had found no features or finds of comparable early Neolithic date, and the pit is therefore a significant find.
Not assigned	n/a	Wessex Archaeology / AAJV	Geophysics	2016-17	Wessex Archaeology / AAJV, 2017, <i>303 Amesbury to Berwick Down. Geophysical Survey Report.</i>	Gradiometry: data collected at 0.25 m intervals along transects spaced 1 m apart.	The site comprises a number of arable fields covering a total area of 97.1 ha. The anomalies identified by the detailed gradiometer survey are primarily ditch-like features, which take a number of different forms and date to a variety of different periods. These largely correspond with known archaeological remains identified from aerial sources and represent complexes of prehistoric funerary monuments. Evidence was also identified for field systems, settlement, a possible Romano-British building, and a variety of other archaeological features. Several former field boundaries correlate with Ordnance Survey mapping and aerial photography for the scheme. Areas of increased magnetic response, superficial geological deposits, agricultural ploughing trends, and numerous modern services were also located. The GPR survey was targeted over five areas within SW6 where significant archaeological features were identified. The majority of these are thought to relate to funerary monuments in the form of Bronze Age round barrows. The results of these GPR surveys confirmed this interpretation in three of the five areas and provided additional detail regarding their character and extent (Area 11, 13 and 15). In the remaining areas (Area 12 and 14), the possible ring-ditch features identified in the gradiometer survey were shown to be more likely associated with modern ploughing activity.
Not assigned	n/a	Wessex Archaeology	Watching Brief	2017	Wessex Archaeology, 2017, <i>The Stonehenge School, Amesbury, Wiltshire. Archaeological Watching Brief.</i>	Watching Brief.	Watching brief on GI works. No archaeological features or finds revealed.
Not assigned	n/a	Wessex Archaeology / AAJV	Geophysics	2017	Wessex Archaeology / AAJV, 2017, <i>A303 Amesbury to Berwick Down. Detailed Gradiometer Survey: Preliminary Results NW5</i>	Not specified in report.	Area ID NW5. 11.1ha surveyed.
Not assigned	n/a	Wessex Archaeology / AAJV	Geophysics	2017	Wessex Archaeology / AAJV, 2017, <i>A303 Amesbury to Berwick Down. Detailed Gradiometer Survey: Preliminary Results NW6</i>	Not specified in report.	Area ID NW6. 11.1ha surveyed.
Not assigned	n/a	Historic England, Wessex Archaeology and other collaborators	Geophysics, Excavation	2015-16	Roberts, D, Valdez-Tullett, A, Marshall, P, Barclay, A, Bishop, B, Dunbar, E, Forward, A, Last, J, Law, M, Manning, A, Pelling, R, Powell, A, Reimer, P, Russell, M, Vallender, J, and Worley, 2018. <i>Recent investigations at two long barrows and reflections on their context in the Stonehenge World Heritage Site and environs.</i>		Recent geophysical surveys and excavations at Druid's Lodge Estate, in fields west of the Diamond Wood in the Stonehenge World Heritage Site (SWHS), have affirmed the existence of the Winterbourne Stoke 71 long barrow and discovered a new long barrow a short distance to the south. Survey and excavation showed internal features at both barrows, and alongside aerial photography suggested that both were destroyed during later prehistory. These barrows are part of a cluster around the head of a dry valley. The investigations reviewed long barrows in the SWHS and environs to contextualise these discoveries, demonstrating a diversity of internal features, barrow sizes and morphologies. Bayesian modelling was used to place the SWHS barrows in their inter-regional chronological context. Local topography appears to be the key factor in determining the alignment of long barrows, but the eastern ends of barrows appear to be significant. Long barrows are an important structuring monument in the later Neolithic and

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							Bronze Age landscape, but their importance is mediated by their location relative to Stonehenge, and access to the monuments from the south. There is a clear pattern of differential preservation of long barrows away from the vicinity of Stonehenge.

9 Bibliography

Abbott, M., and Anderson-Whymark, H., 2012. *Stonehenge Laser Scan: Archaeological Analysis Report*. English Heritage / ArchHeritage Report No. 2012.124.

Adam, N. and Valentin, J. 2003. *The Construction of a New Byway on Land South of the A303, Between the Former Amesbury Road and Allington Road, Amesbury, Wiltshire*. AC Archaeology Report 2003.036.

Adcock, J., Robertson, F., Saunders, M., Stephens, C., Urmston, B., Weston, D., and Wood, E., 2002. *Stonehenge Visitor Centre, Wiltshire*. Geophysical Surveys of Bradford Prospection Report No. 2002.130.

Amadio, L., and Bishop, S., 2010. *Stonehenge World Heritage Site Landscape Project, The Cursus, Barrows and Surrounding Area*. English Heritage Report 2010.140.

Atkinson, R.J.C., Piggott, S. and Stone, J.F.S., 1952. The Excavation of Two Additional Holes at Stonehenge, 1950, and New Evidence for the Date of the Monument. *Antiquaries Journal*, Volume 32, pp. 14–20.

Barrett, K. and Bowden, M., 2010. *Stonehenge World Heritage Site, Normanton Down. Archaeological Survey Report*. English Heritage Report No. 2010.059.

Bartlett, A., 1993. *Stonehenge, Wiltshire. Report on Archaeogeophysical Survey of Western Approach Corridors*. A.D.H. Bartlett and Associates Report No. 1993.055.

Bax, S., Bowden, M., Komar, A. and Newsome, S., 2010. *Stonehenge World Heritage Site Landscape Project. Winterbourne Stoke Crossroads*. English Heritage Report No. 2010.061.

Bowden, M., Field, D., and Soutar, S., 2012. *Stonehenge World Heritage Site Landscape Project. Lake Barrows, The Diamond and Normanton Gorse*. English Heritage Research Report Series 29. English Heritage Report No. 2012.110.

Boyd Haycock, D., 2017. *William Stukeley (1687-1765) Antiquary and Natural Philosopher*. *Oxford Dictionary of National Biography*. Available at: <http://www.oxforddnd.com>. Accessed 15/11/2017.

Bryan, P. and Clowes, M., 1997. Surveying Stonehenge by Photogrammetry. *Photogrammetric Record*, Volume 15.

Butterworth, C., 1992. *Fieldwalking Survey and Environmental Sampling between Stonehenge Down and Parsonage Down*. Wessex Archaeology Report 1992.036.

Butterworth, C., Harding, P., and Mildred, A., 1992. *A303 Amesbury - Berwick Down: Pink and Grey Routes*. Wessex Archaeology Report 1992.038.

Chan, B. and Parker Pearson, M., 2014. Past, Present and Future at Stonehenge: Research into the World's Most Famous Stone Circle. In: C. von Carnap-Bornheim, ed. *Quo vadis? Status and Future Perspectives of Long-Term Excavations in Europe*. Neumünster and Hamburg: Wachholtz Verlag – Murmann Publishers, pp. 41–56.

Chippindale, M.C., 2004. *Stonehenge Complete, New and Expanded Edition*. London: Thames and Hudson.

Cleal, R.M.J., Walker, K.E. and Montague, R., 1995 *Stonehenge in Its landscape, Twentieth-Century Excavations*. English Heritage Archaeological Report 10. London: English Heritage.

Cole, M., 1995. *Vespasian's Camp, Amesbury, Wiltshire. Report on Geophysical Survey*. English Heritage Ancient Monuments Laboratory. Report No. 1995.075.

Cooke, N., Chadwick, A. and Fairclough, T., 2002. *A303 Stonehenge Archaeological Surveys. Stage 2 Fieldwalking Survey*. Wessex Archaeology Report No. 2002.055.

Cooke, N. and Moore, C., 2002. *A303 Stonehenge. Archaeological Surveys. Archaeological Evaluation Report: Area C1*. Wessex Archaeology Report No. 2002.054.

Cox, P. and Richards, J., 1998. *Proposed Amesbury Business Park, Amesbury*. AC Archaeology Report No. 1998.122.

Crawford, O.G.S., 1924. The Stonehenge Avenue. *Antiquaries Journal*, Volume 4, pp. 57–59.

Crockett, A. and Davies, S., 1993. *Stonehenge Visitor Centre, Wiltshire. Site 12: A303 Footbed, Archaeological Evaluation*. Wessex Archaeology Report No. 1993.048.

Darvill, T., 2005. *Stonehenge World Heritage Site, An Archaeological Research Framework*. London and Bournemouth: English Heritage and Bournemouth University.

Darvill, T., 2006. *Stonehenge, the Biography of a Landscape*. Stroud: Tempus.

Darvill, T., 2012. *A Research Framework for the Stonehenge, Avebury and Associated Sites World Heritage Site. Research Activity in the Stonehenge Landscape 2005–2012*. No place of publication: Historic England and Wessex Archaeology.

Darvill, T., Luth, F., Rassmann, K., Fischer, A. and Winkelmann, K., 2013. Stonehenge, Wiltshire, UK: High Resolution Geophysical Surveys in the Surrounding Landscape, 2011. *European Journal of Archaeology*, Volume 16, pp. 63–93.

Darvill, T. and Wainwright, G., 2009. Stonehenge Excavations 2008, *The Antiquaries Journal*, Volume 89, pp.1–19.

De Smedt, P., Garwood, P. and Chapman, H., 2017a. *Geoarchaeological Investigations at Stonehenge: Phase 1 - Borehole Sampling*. Ghent University and University of Birmingham Report No. 2017.087.

De Smedt, P., Garwood, P. and Chapman, H., 2017b. *Section 42 Interim Report of Geophysical Survey: Frequency Domain EMI Prospection in September 2012, June 2013, July and November 2014, July 2015*. Ghent University and University of Birmingham Report No. 2017.092.

Ely, K., McConnell, R., Marter, P. and Jones, K., 2001. *20–22 High Street, Amesbury, Wiltshire*. Context One Archaeological Services Report No. 2001.101.

Field, D. and Pearson, T., 2010. *Stonehenge World Heritage Site Landscape Project: Stonehenge, Amesbury, Wiltshire*. English Heritage Report No. 2010.112.

Field, D., Bowden, M. and Soutar, S., 2012. *Stonehenge World Heritage Site Landscape Project. The Avenue and Stonehenge Bottom*. English Heritage Report No. 2012.077.

Field, D., Linford, N., Barber, M., Anderson-Whymark, H., Bowden, M., Topping, P. and Linford, P., 2014a. Analytical Surveys of Stonehenge and Its Immediate Environs, 2009–2013: Part 1 – the Landscape and Earthworks. *Proceedings of the Prehistoric Society*, Volume 80, pp. 1–32.

Field, D., Linford, N., Barber, M., Anderson-Whymark, H., Bowden, M., Topping, P. and Linford, P., 2014b. Analytical Surveys of Stonehenge and Its Immediate Environs, 2009–2013: Part 2 – the Stones. *Proceedings of the Prehistoric Society* 82.

Gaffney, V. et al., 2012. *The Stonehenge Hidden Landscapes Project. Archaeological Prospection*. University of Birmingham Report No. 2012.121.

GSB Prospection, 1992a. *A303 Amesbury to Berwick Down*. Geophysical Surveys of Bradford Prospection Report No. 1992.040.

GSB Prospection, 1992b. *A303 Amesbury to Berwick Down Survey II*. Geophysical Surveys of Bradford Prospection Report No 1992.039.

GSB Prospection, 1993. *A303 Amesbury to Berwick Down, Survey III, Yellow and Grey Route Options*. Geophysical Surveys of Bradford Prospection Report No. 1993.077.

GSB Prospection, 1994. *A303 IV, Brown Route Options*. Geophysical Surveys of Bradford Prospection Report No. 1994.054.

GSB Prospection, 1999. *A303 Stonehenge V Preferred route incorporating the Winterbourne Stoke Bypass*. Geophysical Surveys of Bradford Prospection Report No. 1999.087.

GSB Prospection, 2001a. *A303 Stonehenge VI. Geophysical Survey Report*. Geophysical Surveys of Bradford Prospection Report No. 2001.078.

GSB Prospection, 2001b. *Geophysical Survey of A303 Stonehenge VII*. Geophysical Surveys of Bradford Prospection Report No. 2001.075.

GSB Prospection, 2001c. *Amesbury Business Park II*. Geophysical Surveys of Bradford Prospection Report No. 2001.089.

GSB Prospection, 2002. *A303 Wiltshire*. Geophysical Surveys of Bradford Prospection Report No. 2002.114.

GSB Prospection, 2003. *A303 Road Improvement Scheme, Wiltshire*. Geophysical Surveys of Bradford Prospection Report No. 2003.098.

Harding, P. and Crockett, A., 2006. *National Trust Fieldwalking Survey at Stonehenge and Avebury WHS: Stonehenge Down*. Wessex Archaeology Report No. 2006.126.

- Harding, P. and Farr, S., 2014. *Stonehenge Environmental Improvements Project. Longbarrow Crossroads, Winterbourne Stoke, Wiltshire*. Wessex Archaeology Report No. 2014.197.
- Historic England, 2016. *Stonehenge Southern WHS Survey: West Amesbury, Wiltshire. Report on geophysical surveys, October 2015*. Historic England Report No. 2016.009.
- Historic England, 2017. *Exploring the landscape of Stonehenge. Historic England Research. Discovery, innovation and science in the historic environment*. Issue 16. Summer 2017.
- Jacques, D., Phillips, T. and Clarke, M., 2010. A Reassessment of the Importance of Vespasian's Camp in the Stonehenge Landscape. *PAST, The Newsletter of the Prehistoric Society*, Volume 66, pp. 11–13.
- Jacques, D. and Phillips, T., 2013. *Discovery of a Mesolithic homebase at Blick Mead, to the north-east of Vespasian's Camp, Amesbury, Wiltshire*. University of Buckingham Report No. 2013.132.
- Jacques, D. and Phillips, T., 2014. Mesolithic settlement near Stonehenge: excavations at Blick Mead, Vespasian's Camp, Amesbury. *Wiltshire Archaeological and Natural History Magazine*, Volume 107, pp. 7–27.
- Jacques, D., Phillips, T., Lyons, T. and Bishop, B., 2015. *Excavations at Blick Mead, to the north-east of Vespasian's Camp, Amesbury, Wiltshire: 2014 fieldwork results*. University of Buckingham Report No. 2015.110.
- Jacques, D., Phillips, T. and Lyons, T. 2018. *Blick Mead: exploring the 'First Place' in the Stonehenge Landscape*. Oxford: Peter Lang.
- Lambarde, W., 1730. *Angliae Topographicum and Historiarum. An Alphabetical Description of the Chief Places in England and Wales*. London: Fletcher Gyles. Available at <https://books.google.co.uk>. Accessed 13/12/2017.
- Leivers, A. and Moore, C., 1994. *A303 Amesbury to Berwick Down, Brown and Brown Alternative Routes*. Wessex Archaeology Report No. 1994.060.
- Leivers, A. and Powell, A.B., 2016. *A Research Framework for the Stonehenge, Avebury and Associated Sites World Heritage Site, Research Agenda and Strategy*. Wessex Archaeology Monograph 39. Salisbury: Wessex Archaeology.
- Linford, N. and Martin, L., 2009. *Airman's Corner, Winterbourne Stoke, Wiltshire*. English Heritage Report No. 2009.065.
- Linford, N., Linford, P. and Payne, A., 2012. *Stonehenge Monument Field and Barrows, Wiltshire*. English Heritage Report No. 2012.061.
- Linford, N., Linford, P. and Payne, A., 2015a. *Stonehenge Southern WHS Survey Diamonds Field, Boreham Farm, Wiltshire*. Historic England Report No. 2015.117.
- Linford, N., Linford, P. and Payne, A., 2015b. *Stonehenge Southern WHS Survey: Diamonds Field, Druid's Lodge, Wiltshire*. Historic England Report No. 2015.120.

Linford, N., Linford, P. and Payne, A., 2016, *Stonehenge Southern WHS Survey: Normanton Down, Wiltshire*. Historic England Report No. 2016.010.

Lockyer, N., 1906. *Stonehenge and Other British Stone Monuments Astronomically Considered*. London: Macmillan and Co. Ltd. Available at <https://babel.hathitrust.org>. Accessed 14/12/2017.

Long, W., 1876. *Stonehenge and its Barrows*. London: H. F. and E. Bull.

Milward, J., Mephram, L. and Higbee, L., 2010. *Druids Lodge Polo Club, Salisbury, Wiltshire*. Wessex Archaeology 2010.138.

Papworth, M., 2009. *Stonehenge Estate Geophysical Survey of Seven Barrows on Countess Farm and King Barrow Ridge in January 2009*. National Trust Report No. 2009.051.

Parker Pearson, M., 2013. Researching Stonehenge: Theories Past and Present. *Archaeology International*, Volume 16, pp. 72-83.

Parker Pearson, M., 2015. *Stonehenge, Making Sense of a Prehistoric Mystery. Archaeology for All*. York: Council for British Archaeology.

Parker Pearson, M., Allen, M., French, C., Pollard, J., Richards, C., Robinson, D., Thomas, J., Tilley, C. and Welham, K., 2007a. *The Stonehenge Riverside Project 2007. Summary Interim Report*. Report No. 2007.141.

Parker Pearson, M., Allen, M., Pollard, J., Richards, C., Robinson, D., Thomas, J., Welham, K. and Wickstead, H., 2007b. *The Stonehenge Riverside Project 2007. Full Interim Report*. Report No. 2007.142.

Parker Pearson, M. et al., 2008. *The Stonehenge Riverside Project 2008*. Report No. 2008.095.

Parker Pearson, M. et al., 2009. *Excavations at the Riverside End of the Stonehenge Avenue. Stonehenge Riverside Project 2009 (incorporating 2008)*. Report No. 2009.094.

Pearson, T. and Field, D., 2011. *Stonehenge World Heritage Site Landscape Project: Stonehenge Down and the Triangle. Archaeological Survey Report*. English Heritage Research Report Series 105:2011. English Heritage Report 2011.124.

Pitts, M., 2018. Stonehenge without borders. *British Archaeology*, Volume 160, pp. 2-17.

Powell, A., 2014. *Stonehenge Environmental Improvements Project, Wiltshire*. Wessex Archaeology Report No. 2014.222.

Powell, A., 2017. *A303 Amesbury to Berwick Down, Archaeological Trial Trench Evaluation*. Wessex Archaeology Report No. 2017.091.

Powell, A. and Farr, S., 2016. *Stonehenge Environmental Improvements Project, Wiltshire. Assessment Report on Archaeological Mitigation*. Wessex Archaeology Report No. 2016.020.

Richards, J., 1991. *English Heritage Book of Stonehenge*. London: BCA.

Richards, J., 2017. *Stonehenge, the story so far*. 2nd edition. Swindon: Historic England.

Roberts, D., Valdez-Tullett, A. and Forward, A., 2016. *HE7238 - Stonehenge Southern WHS Survey: Assessment Report*. Historic England Report No. 2016.

Roberts, D., Valdez-Tullett, A., Marshall, P., Last, J., Oswald, A., Barclay, A., Bishop, B., Dunbar, E., Forward, A., Law, M., Linford, N., Linford, P., López-Dóriga, I., Manning, A., Payne, A., Pelling, R., Powell, A., Reimer, P., Russell, M., Small, F., Soutar, S., Vallender, J. and Worley, F. 2018. Recent Investigations at Two Long Barrows and Reflections on their Context in the Stonehenge World Heritage Site and Environs. *Internet Archaeology* 47. Available at: <https://doi.org/10.11141/ia.47.7>.

Ruggles, C. and Chadburn, A., 2017. Stonehenge World Heritage Property, United Kingdom. In: C. Ruggles and M. Cotte, eds. *Heritage Sites of Astronomy and Archaeoastronomy in the Context of the UNESCO World Heritage Convention. Thematic Study, Vol. 2*. Paris: ICOMOS and International Astronomical Union, pp. 41–62.

Souden, D., 1997. *Stonehenge, Mysteries of the Stones and Landscape*. London: English Heritage.

Stonehenge Hidden Landscapes Project Team, 2015a. *Stonehenge Hidden Landscapes: Field Season 2 (2011)*. University of Birmingham Report No. 2015.073.

Stonehenge Hidden Landscapes Project Team, 2015b. *Stonehenge Hidden Landscapes: Field Season 3 (2012-13)*. University of Birmingham Report No. 2015.074.

Stonehenge Hidden Landscapes Project Team, 2015c. *Stonehenge Hidden Landscapes: Field Season 4 (2013-14)*. University of Birmingham Report No. 2015.075.

Thomas, H.H., 1923. The Source of the Stones of Stonehenge. *Antiquaries Journal*, Volume 3, pp. 239-260.

Thompson, S., 2009. *Land at Airman's Corner, Wiltshire. Archaeological Evaluation Report*. Wessex Archaeology Report No. 2009.067.

Thorpe, L., 1966. *The History of the Kings of Britain*. London: Penguin Books.

Urmston, B., 2009. *Airman's Corner, Wiltshire. Detailed Gradiometer Survey*. Wessex Archaeology Report No. 2009.066.

Valentin, J., 2004. *The Excavation of Seven Ring Ditches and Other Prehistoric Features at Earl's Farm Down and New Barn Down, Amesbury, Wiltshire*. AC Archaeology Report No. 2004.064.

Valentin, J. and Robinson, S., 2002. *Amesbury Business Park, Folly Bottom, Amesbury*. AC Archaeology Report No. 2002.021.

Wakeham, G., 2004. *Oatlands Dairy Unit, Druid's Lodge Estate, Wiltshire*. Wessex Archaeology Report No. 2004.054.

Webb, J., 1655. *The Most Notable Antiquity of Great Britain, Vulgarly Called Stone-heng, on Salisbury Plain. Restored by Inigo Jones Esquire, Architect Generall to the late King*. London: Daniel Pakeman and Laurence Chapman. Available at <http://gallica.bnf.fr>. Accessed 13/12/2017.

Wessex Archaeology, 1991. *Avon Valley Gas Pipeline*. Wessex Archaeology Report No. 1991.013.

Wessex Archaeology, 1993. *A303 Amesbury to Berwick Down, Wiltshire – Alternative Routes*. Wessex Archaeology Report No. 1993.076.

Wessex Archaeology, 1994. *Stonehenge: Limited test augering*. Wessex Archaeology Report No. 1994.078.

Wessex Archaeology, 1997. *Hunters Hill, West Amesbury, Wiltshire*. Wessex Archaeology Report No. 1997.078.

Wessex Archaeology, 1999. *Global Crossing Communications Cable Trench Near Stonehenge*. Wessex Archaeology Report No. 1999.060.

Wessex Archaeology, 2002a. *A303 (T) Amesbury Bypass, Wiltshire*. Wessex Archaeology Report No. 2002.007.

Wessex Archaeology, 2002b. *A303 Stonehenge. Archaeological Surveys. Archaeological Evaluation Report: Areas A, B, C and D*. Wessex Archaeology Report No. 2002.057.

Wessex Archaeology, 2002c. *A303 Stonehenge Archaeological Surveys. Archaeological Evaluation Report: Areas L and O*. Wessex Archaeology Report No. 2002.058.

Wessex Archaeology, 2002d. *A303 Stonehenge Archaeological Surveys. Archaeological Evaluation Report: Area P*. Wessex Archaeology Report No. 2002.059.

Wessex Archaeology, 2002e. *A303 Stonehenge Archaeological Surveys. Archaeological Evaluation Report: Areas R and T*. Wessex Archaeology Report No. 2002.060.

Wessex Archaeology, 2003a. *A303 Stonehenge. Ground Investigation 2002*. Wessex Archaeology Report No. 2003.097.

Wessex Archaeology, 2003b. *A303 Stonehenge Archaeological Surveys. Archaeological Evaluation Report. Areas 1, 2, 3 and 4*. Wessex Archaeology Report No. 2003.096.

Wessex Archaeology, 2003c. *A303 Stonehenge Archaeological Surveys. Archaeological Evaluation Report. Drainage Treatment Areas 2 and 6*. Wessex Archaeology Report No. 2003.113.

Wessex Archaeology, 2004. *Stonehenge Visitor Centre, Countess East, Amesbury, Wiltshire. Further archaeological evaluation*. Wessex Archaeology Report

Wessex Archaeology, 2007. *Land off Salisbury Street, Amesbury, Wiltshire*. Wessex Archaeology Report No. 2007.153.

Wessex Archaeology, 2010a. *Land at Druid's Lodge Polo Club, Salisbury, Wiltshire. Detailed Gradiometer Survey Report*. Wessex Archaeology Report No. Not known.

Wessex Archaeology, 2010b. *Land at Druid's Lodge Polo Club, Salisbury, Wiltshire. Detailed Gradiometer Survey Report (Phase 2)*. Wessex Archaeology Report No. Not known.

Wessex Archaeology, 2014. *The Old Dairy, London Road, Amesbury, Wiltshire*. Wessex Archaeology Report 2014.181.

Wessex Archaeology / AAJV, 2016. *A303 Amesbury to Berwick Down. Geophysical Survey Report*. Wessex Archaeology / AAJV Report No. Not Known.

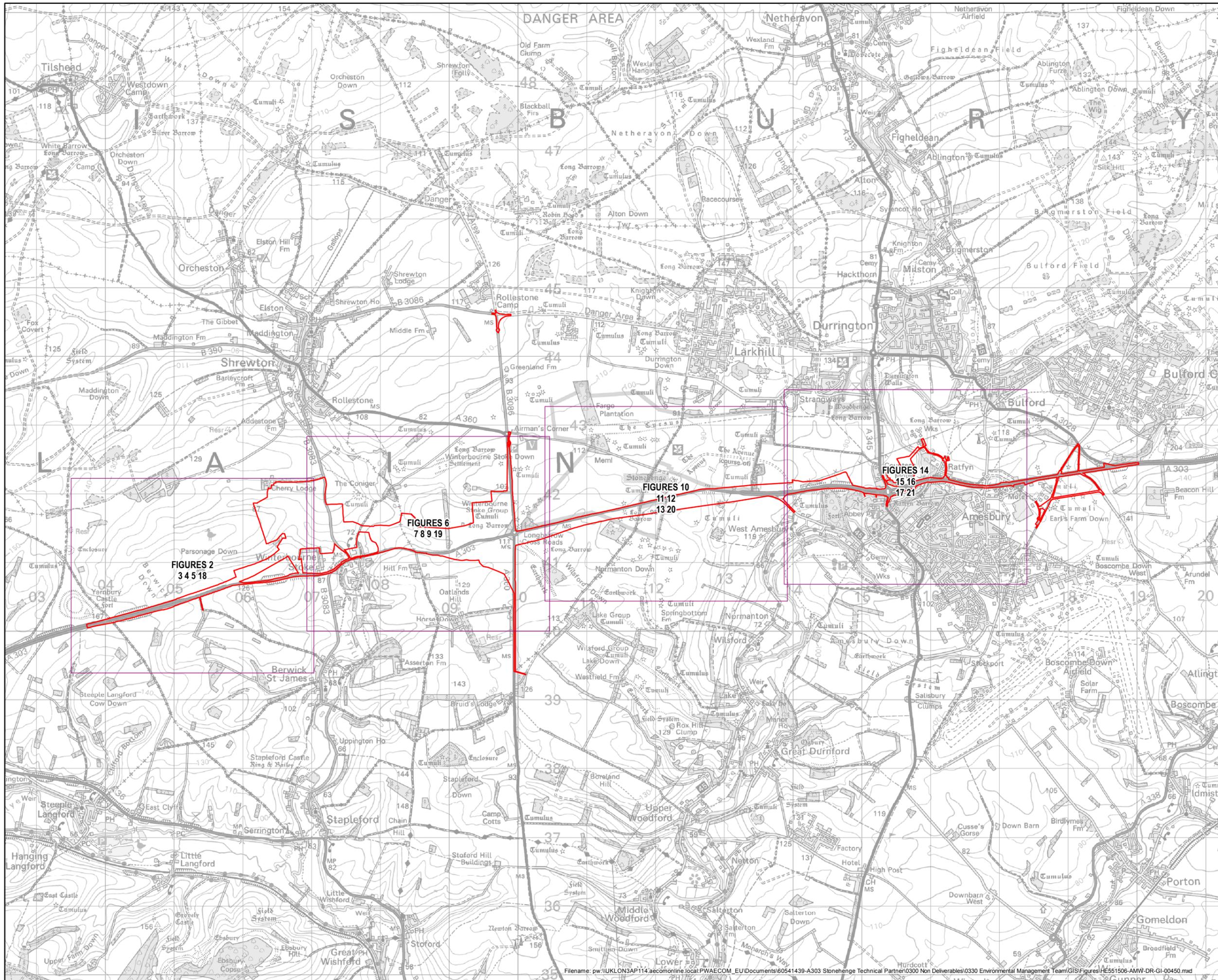
Wessex Archaeology / AAJV, 2017a. *A303 Amesbury to Berwick Down. Geophysical Survey Report*. Wessex Archaeology / AAJV Report No. 2017.100.

Wessex Archaeology, 2017b. *A303 Amesbury to Berwick Down. Archaeological Evaluation*. Wessex Archaeology Report No. Not known.

Wessex Archaeology, 2018. *A303 Amesbury to Berwick Down. Geophysical Survey Report*. Wessex Archaeology Report No. Not Known.

Whelan, J. and Valentin, J. 2000. *Proposed Amesbury Business Park, Amesbury, Wiltshire*. AC Archaeology Report No. 2000.111.

Figures



NOTES / LEGEND

- Sheet Layout
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A303 AMESBURY TO BERWICK DOWN

Drawing Title
**APPENDIX 6.10
FIGURE 1
PREVIOUS ARCHAEOLOGICAL
INVESTIGATIONS OVERVIEW SHEET**

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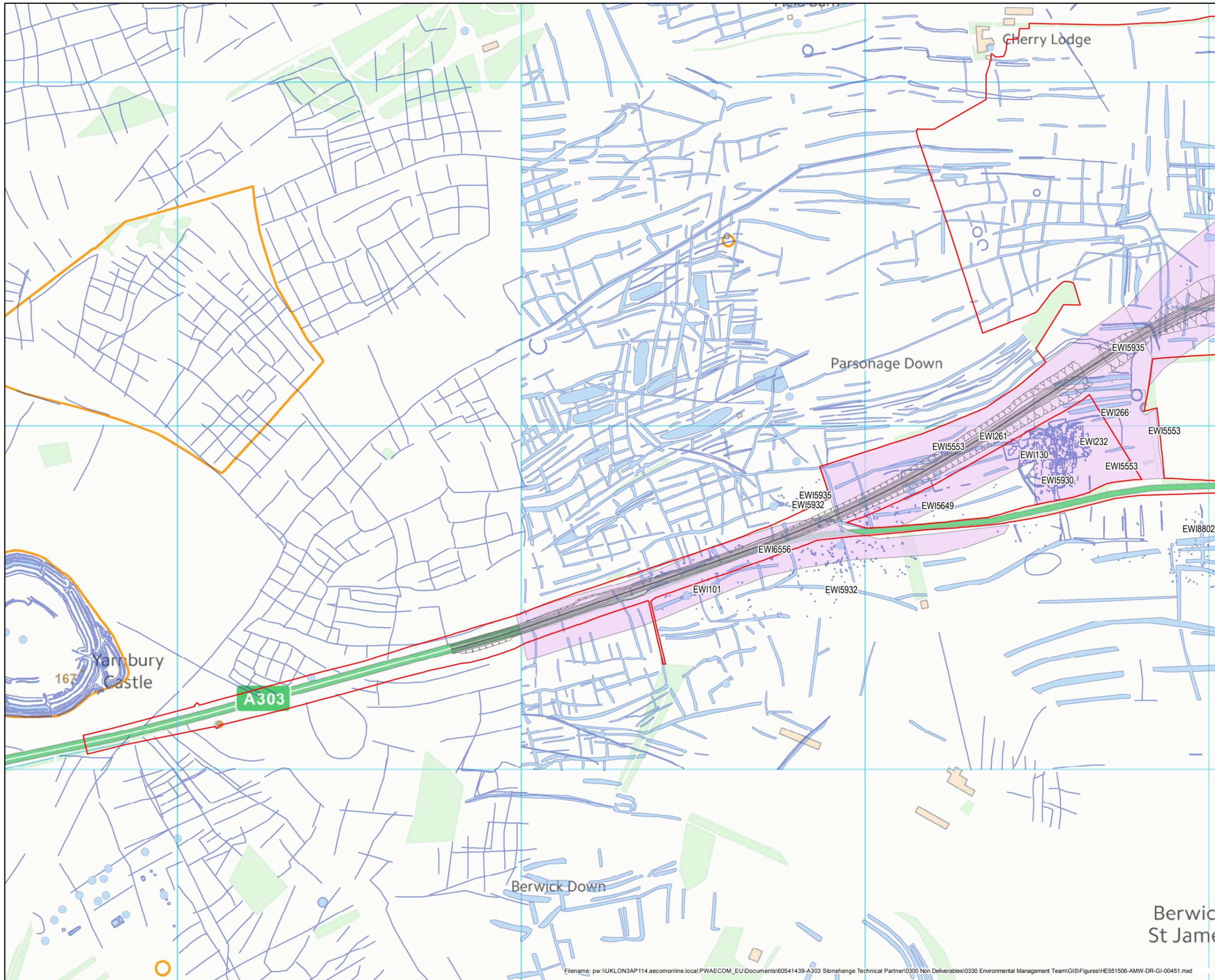
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APPENDIX 6.10
FIGURE 2
PREVIOUS ARCHAEOLOGICAL INVESTIGATIONS WINTERBOURNE STOKE BYPASS WEST

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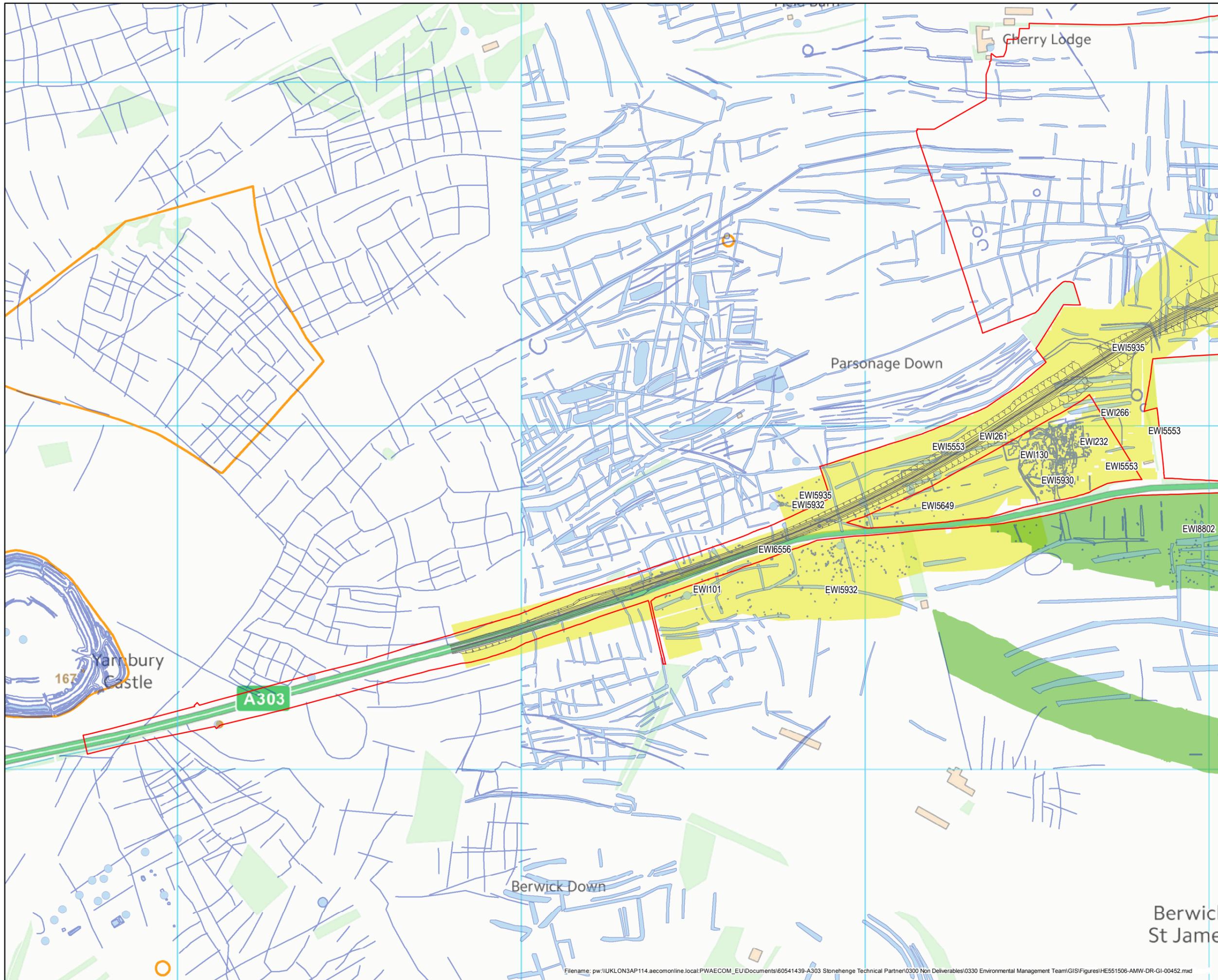
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**APPENDIX 6.10
FIGURE 3
PREVIOUS ARCHAEOLOGICAL
INVESTIGATIONS WINTERBOURNE STOKE
BYPASS WEST**

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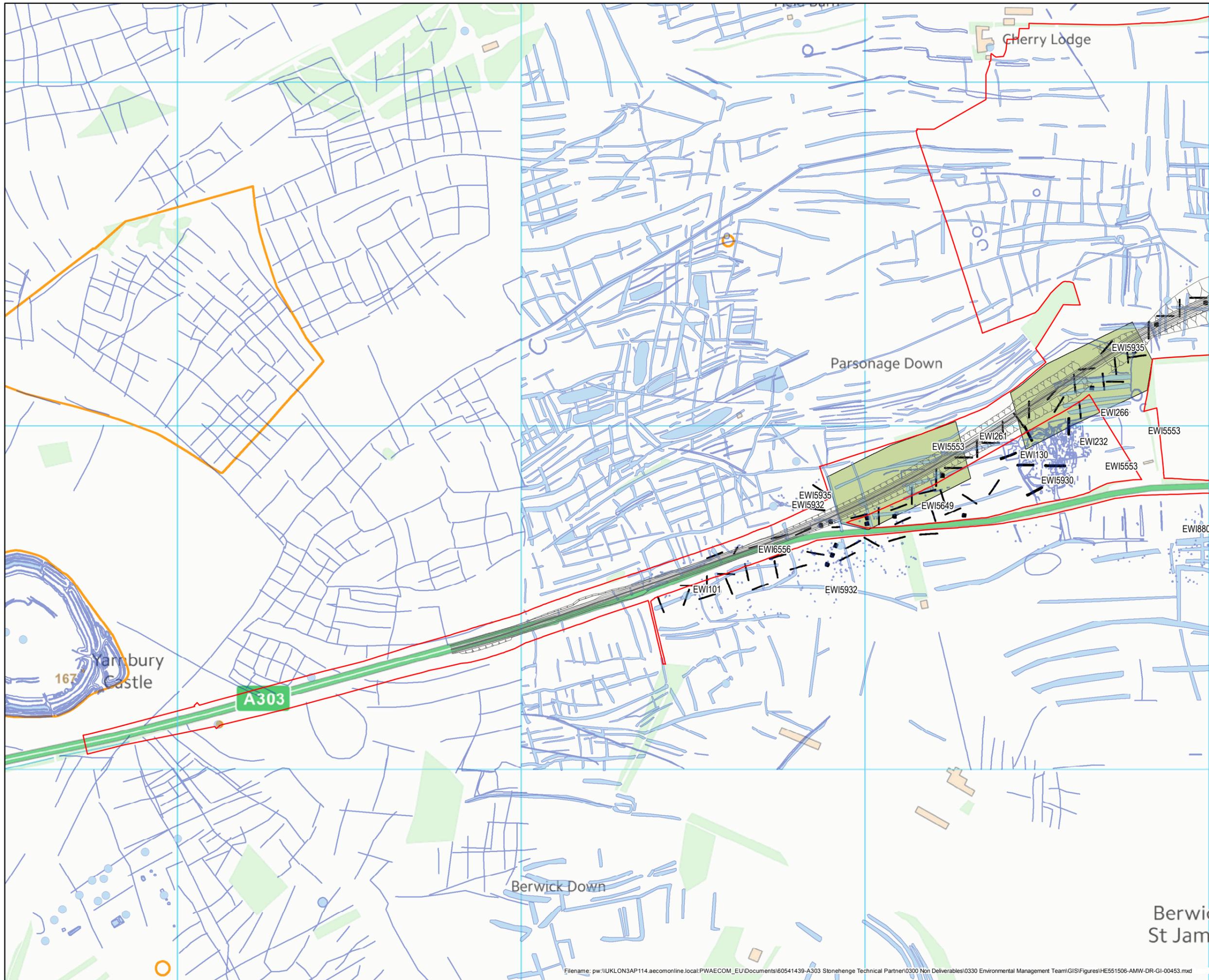
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- Scheme boundary
 - Proposed route alignment
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 - Scheduled Monument
 - Field Evaluation - Trenches mapped
 - Field Evaluation - Area only (trenches unmapped)

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**APPENDIX 6.10
FIGURE 4
PREVIOUS ARCHAEOLOGICAL
INVESTIGATIONS WINTERBOURNE STOKE
BYPASS WEST**

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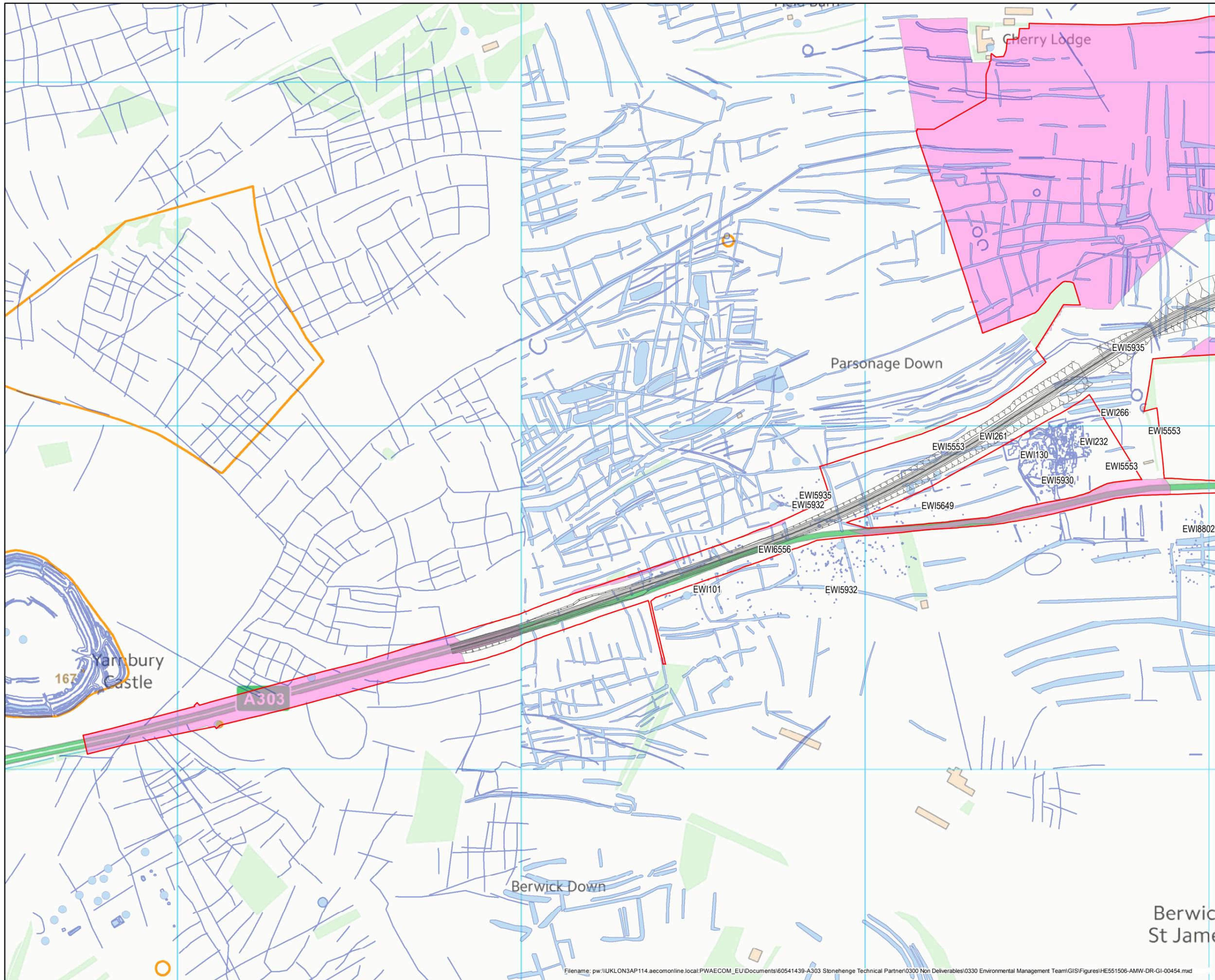
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**APPENDIX 6.10
FIGURE 5
PREVIOUS ARCHAEOLOGICAL
INVESTIGATIONS WINTERBOURNE STOKE
BYPASS WEST**

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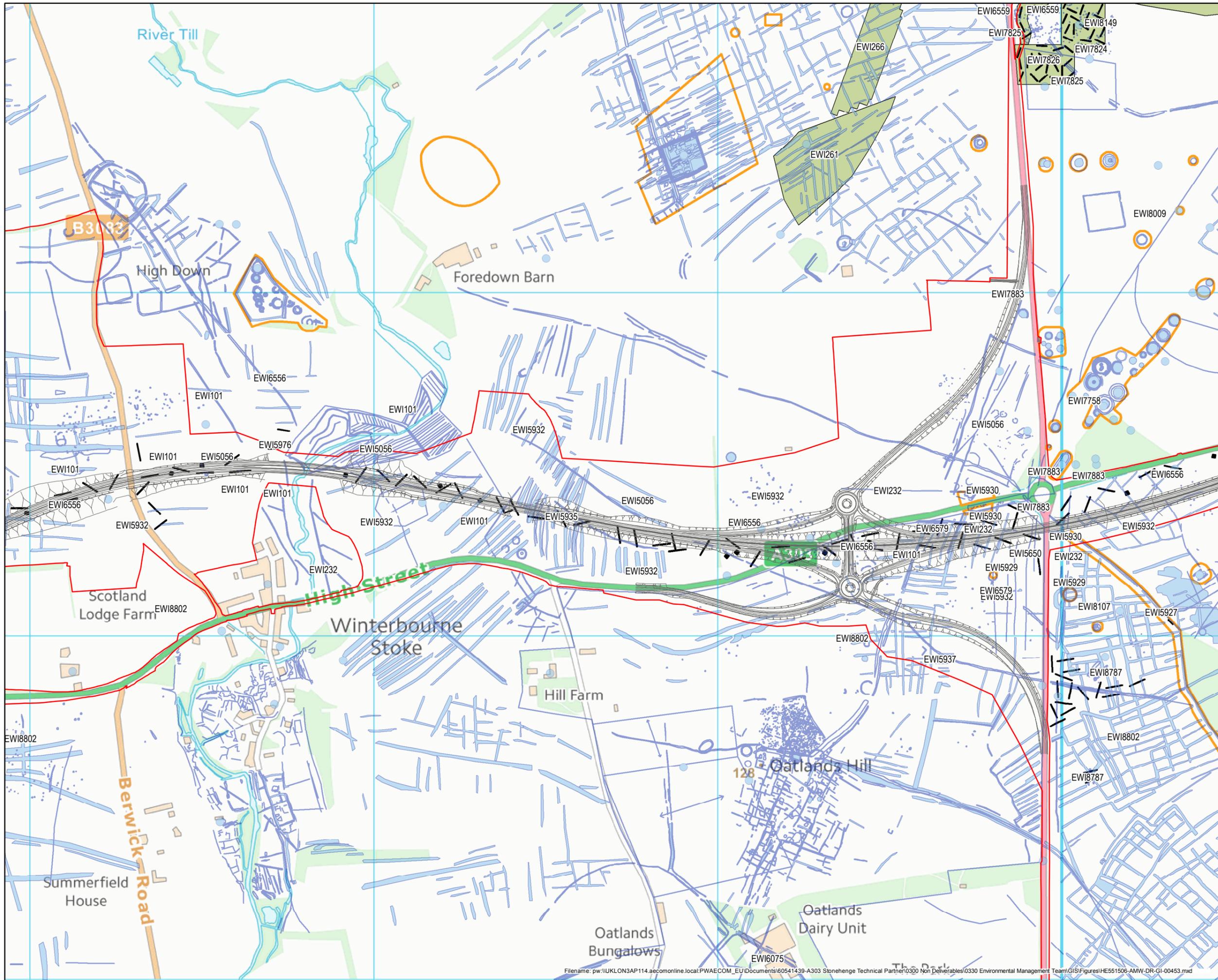
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 FIGURE 8
 PREVIOUS ARCHAEOLOGICAL INVESTIGATIONS WINTERBOURNE STAKE EAST AND LONGBARROW JUNCTION

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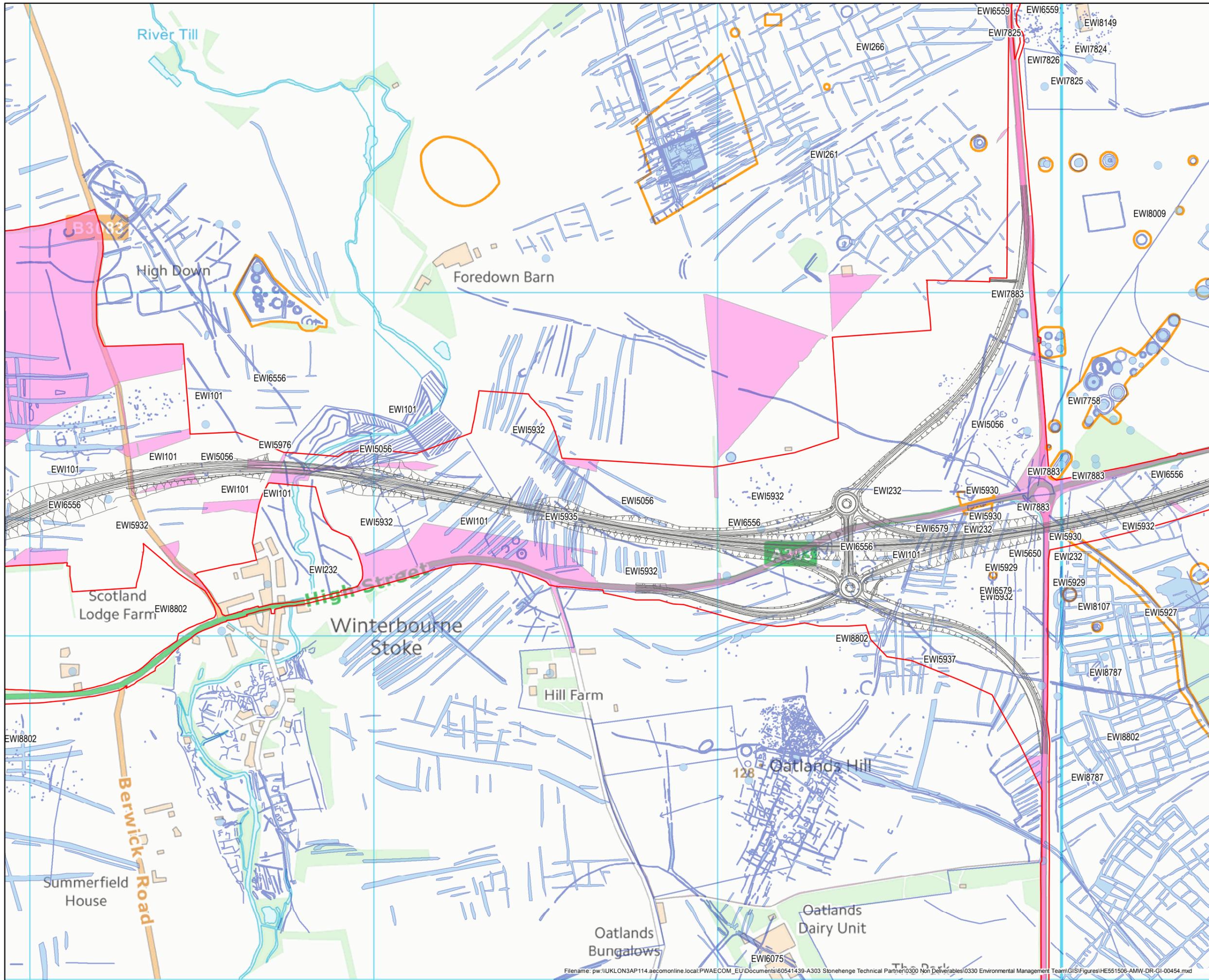
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 FIGURE 9
 PREVIOUS ARCHAEOLOGICAL INVESTIGATIONS WINTERBOURNE STAKE EAST AND LONGBARROW JUNCTION**

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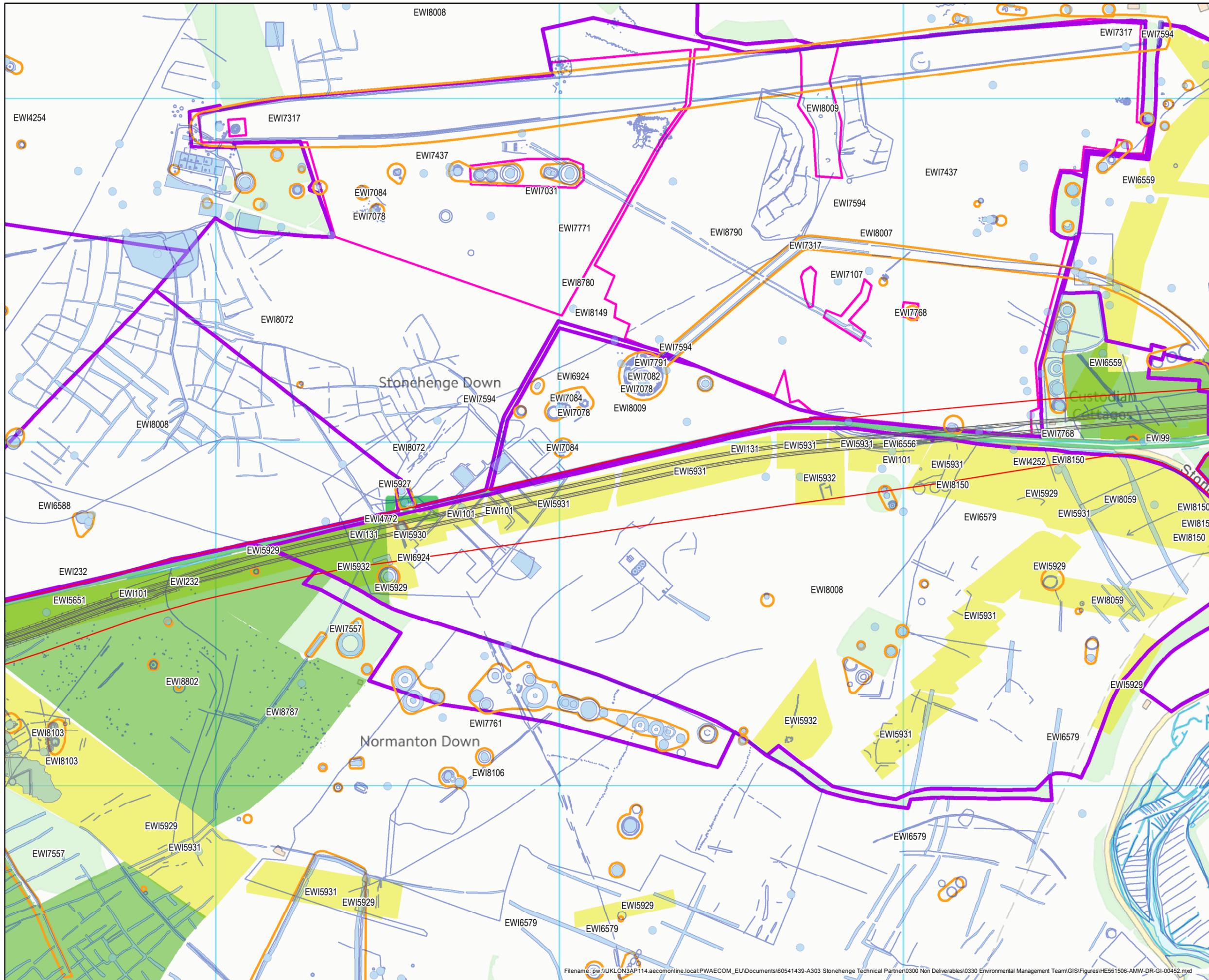
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 - Proposed route alignment
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**APPENDIX 6.10
FIGURE 11
PREVIOUS ARCHAEOLOGICAL
INVESTIGATIONS TUNNEL AND PORTALS**

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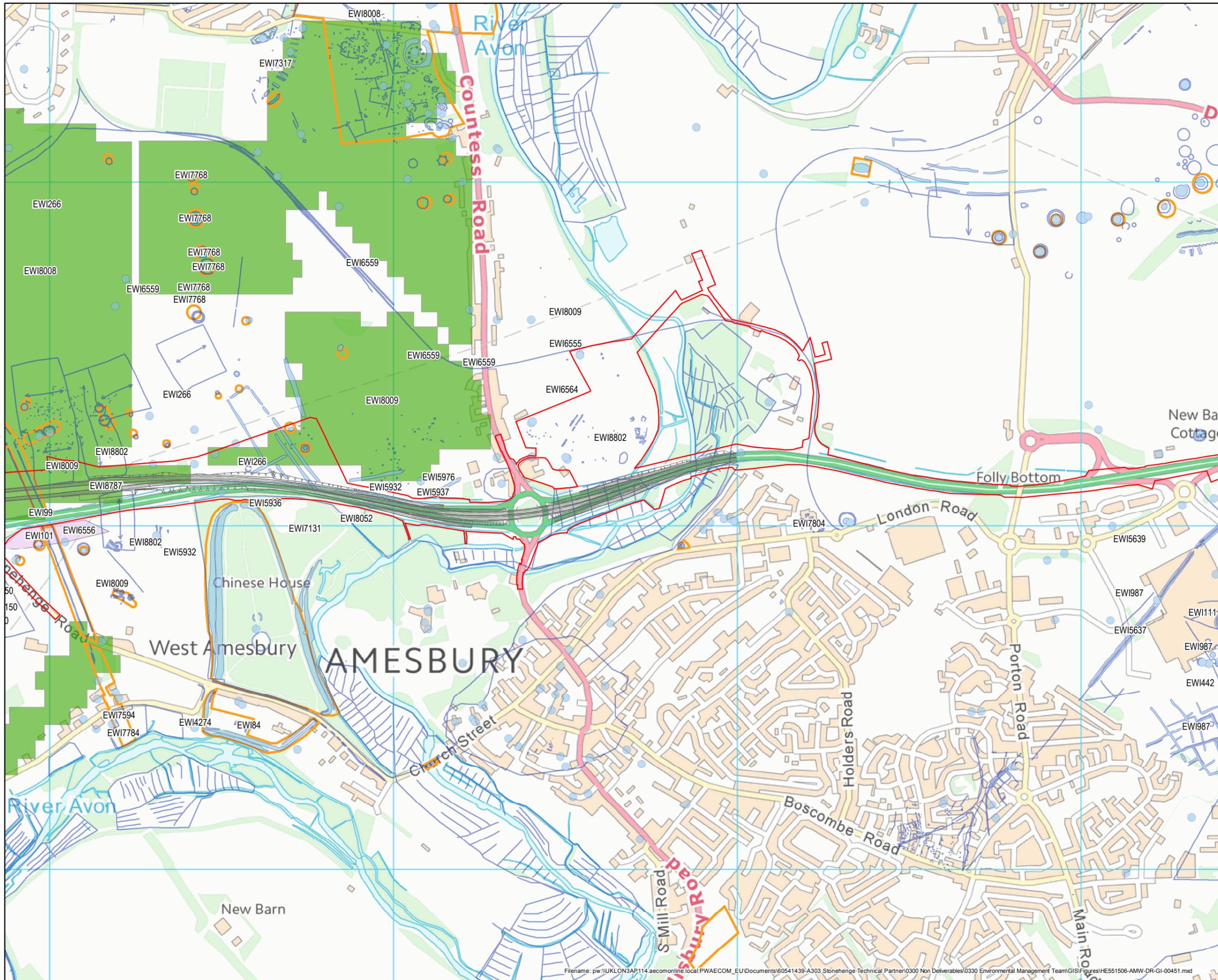
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 FIGURE 14
 PREVIOUS ARCHAEOLOGICAL
 INVESTIGATIONS COUNTRESS ROUNDABOUT**

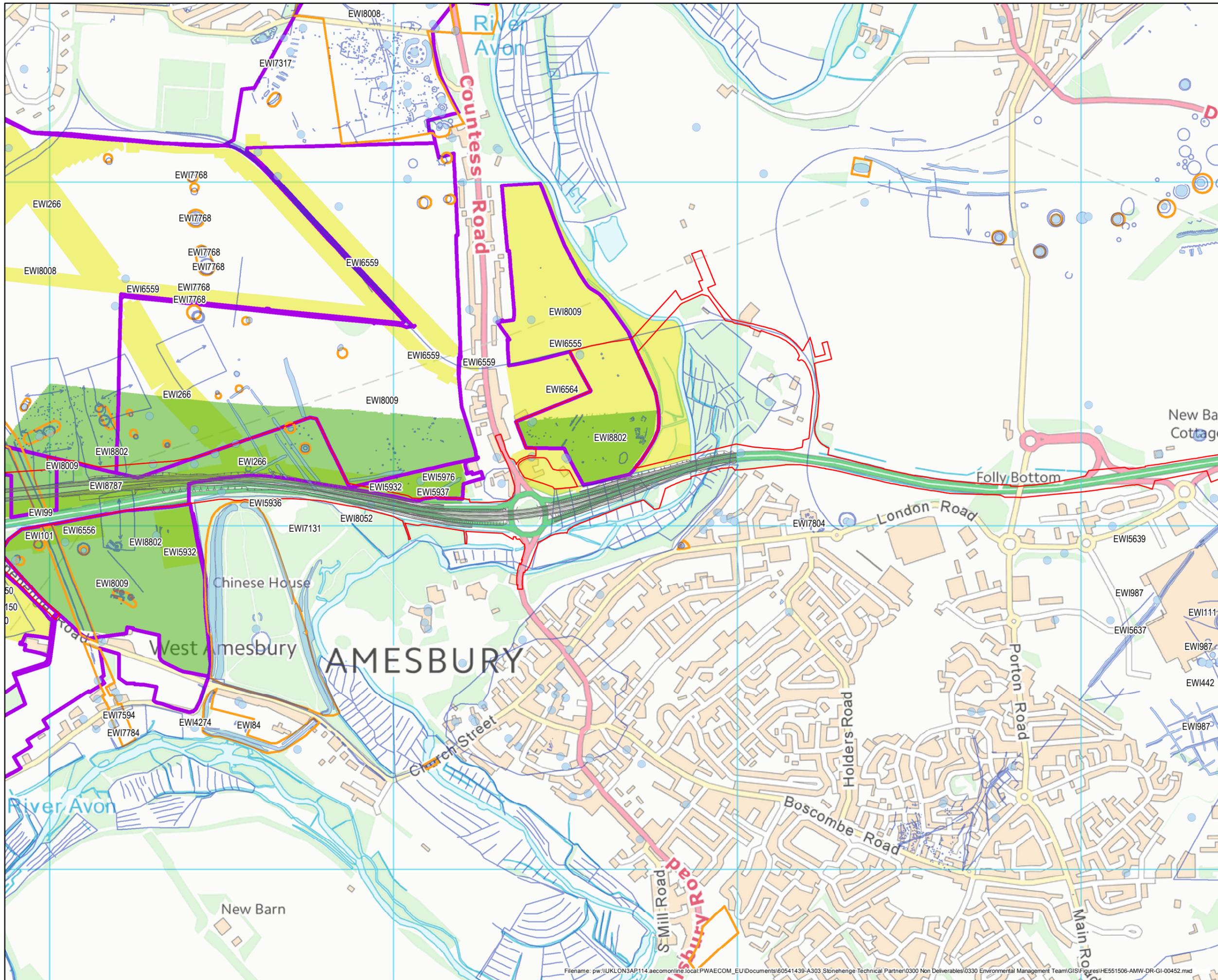
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 FIGURE 15
 PREVIOUS ARCHAEOLOGICAL
 INVESTIGATIONS COUNTESS ROUNDABOUT**

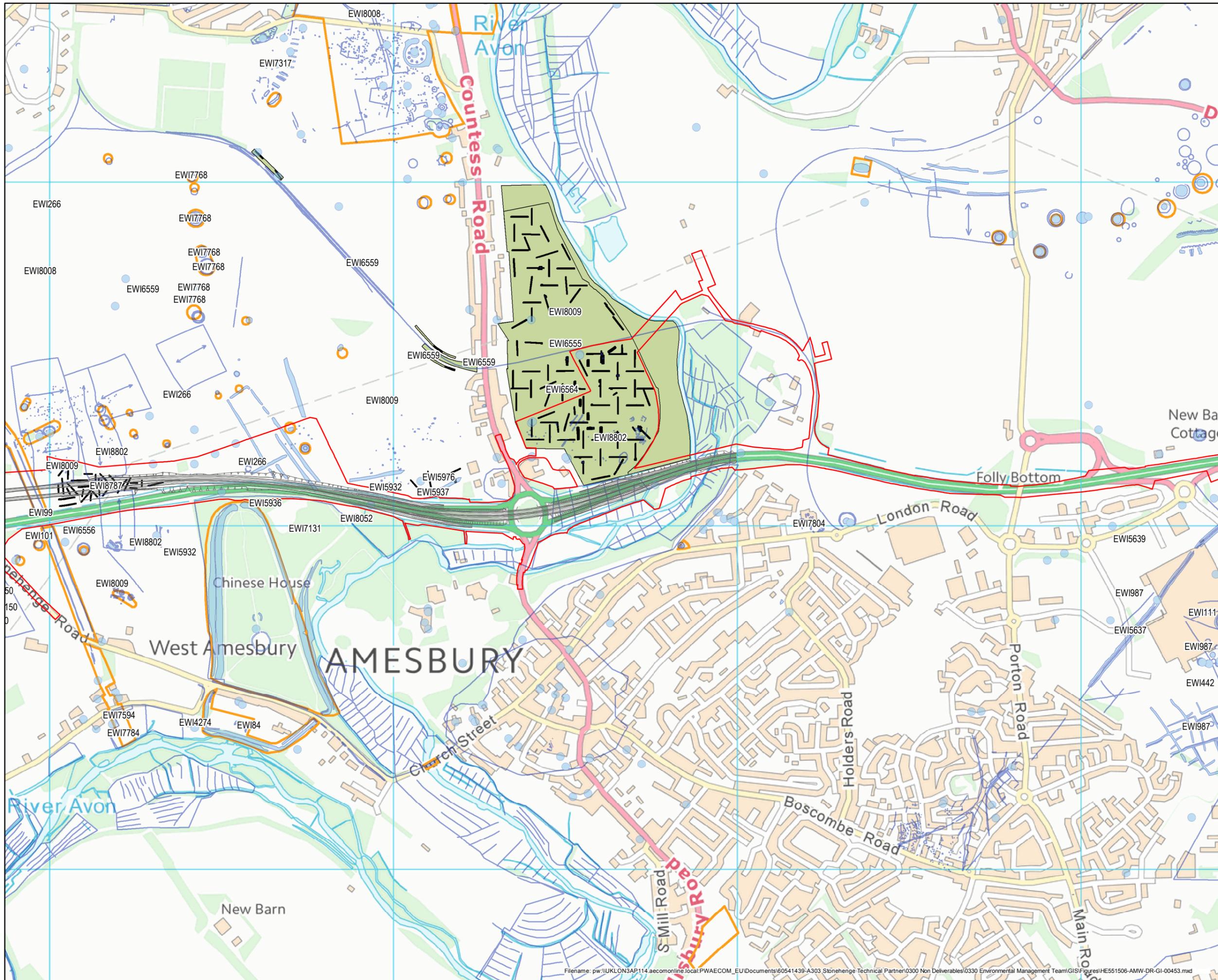
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APPENDIX 6.10
FIGURE 16
PREVIOUS ARCHAEOLOGICAL INVESTIGATIONS COUNTESS ROUNDABOUT

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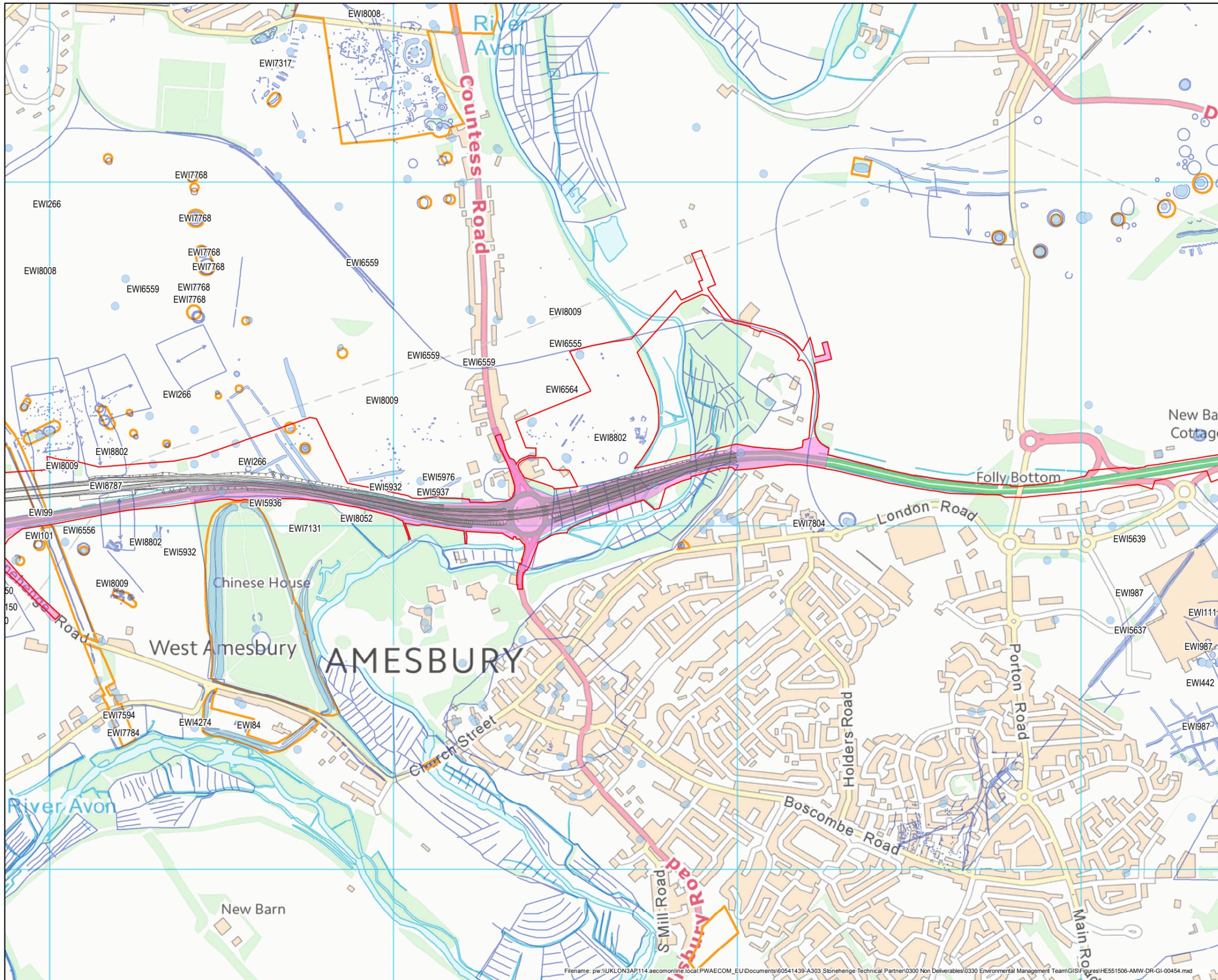
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SCHEME WIDE		DR	GI	00453
Location	Type	Role	Number	



- NOTES / LEGEND
- Scheme boundary
 - Proposed route alignment
 - HER Monuments (Point)
 - HER Monuments (Line)
 - HER Monuments (Polygon)
 - Scheduled Monument
 - Unsurveyed or data unavailable

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Revision Details		By	Date	Suffix

Purpose of Issue: FINAL

Client: Highways England
 Working on behalf of:

Project Title: A303 AMESBURY TO BERWICK DOWN

Drawing Title: APPENDIX 6.10
 FIGURE 17
 PREVIOUS ARCHAEOLOGICAL INVESTIGATIONS COUNTESS ROUNDABOUT

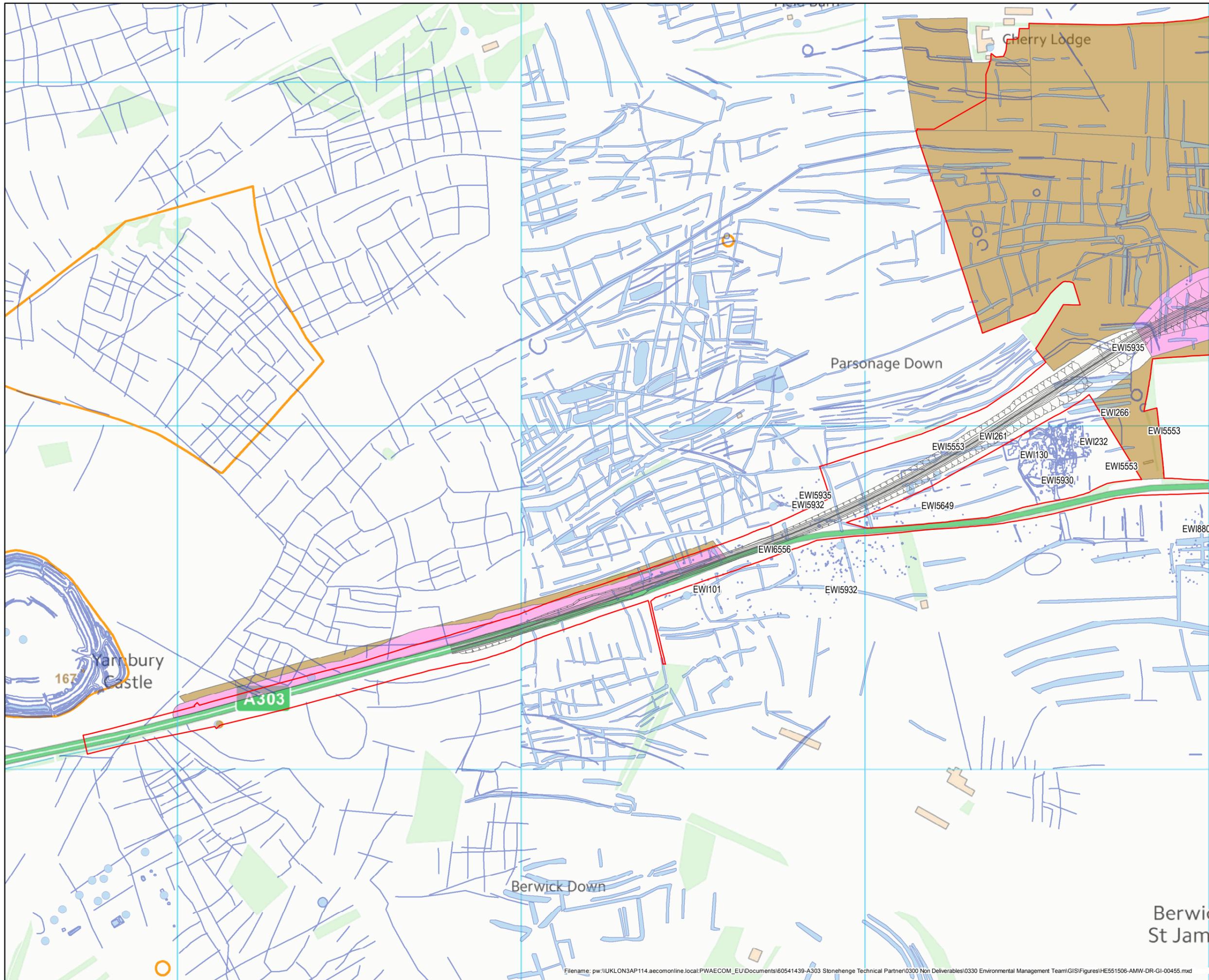
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JB	GM	CC	JB	04/09/18

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- Scheme boundary
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 - Scheduled Monument
 - Surface artefact collection, geophysical survey and Trench Evaluation
 - Geophysical survey

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Project Title
A303 AMESBURY TO BERWICK DOWN

Drawing Title
**APPENDIX 6.10
FIGURE 18
PREVIOUS ARCHAEOLOGICAL
INVESTIGATIONS WINTERBOURNE STOKE
BYPASS WEST**

Designed	Drawn	Checked	Approved	Date
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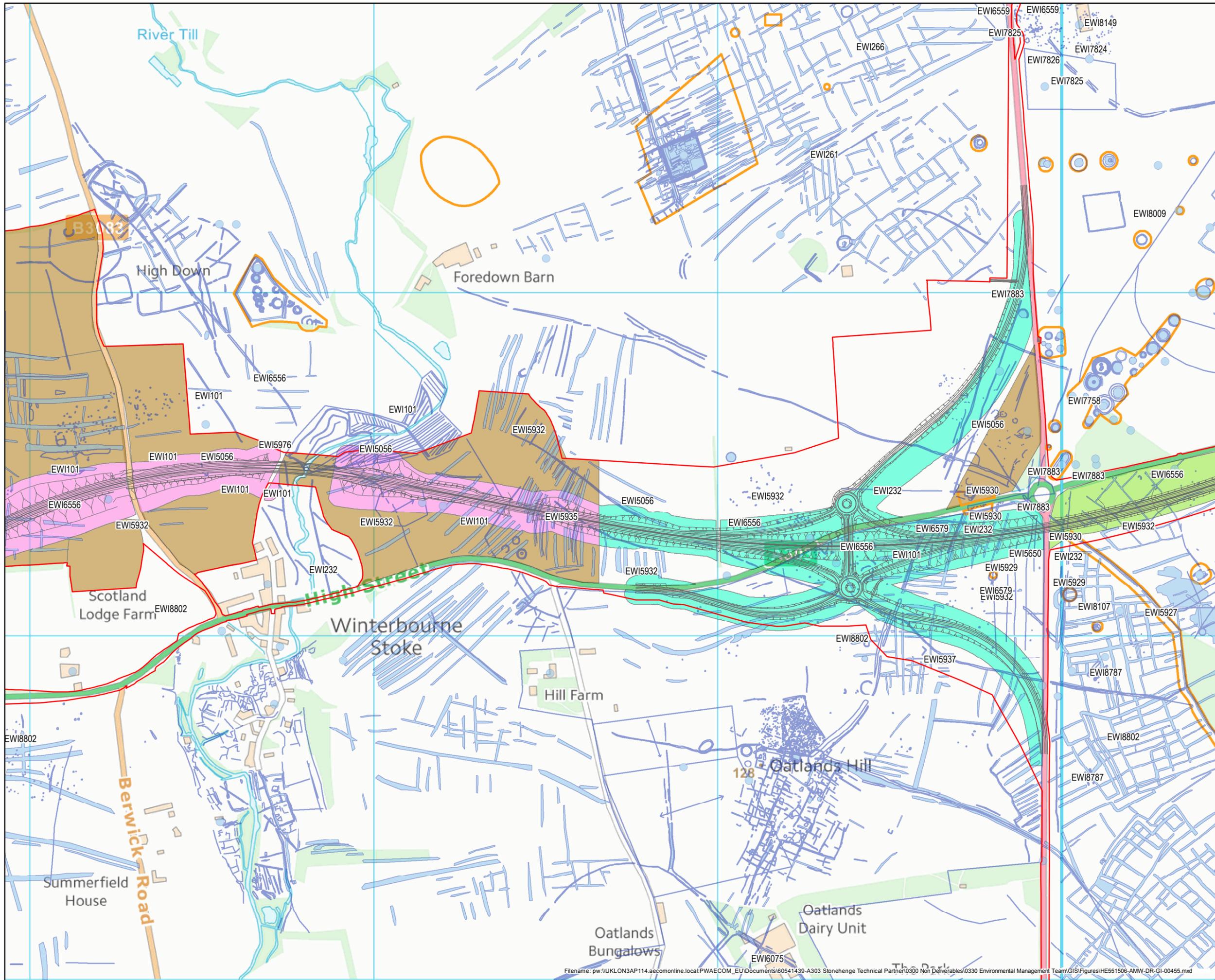
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 - HER Monuments (Point)
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 - HER Monuments (Polygon)
 - Scheduled Monument
 - Surface artefact collection, geophysical survey and Trench Evaluation
 - Ploughzone artefact sampling and Trench Evaluation
 - Geophysical survey
 - Surface artefact collection and Trench Evaluation

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APPENDIX 6.10
FIGURE 19
PREVIOUS ARCHAEOLOGICAL
INVESTIGATIONS WINTERBOURNE STOKE EAST
AND LONGBARROW JUNCTION

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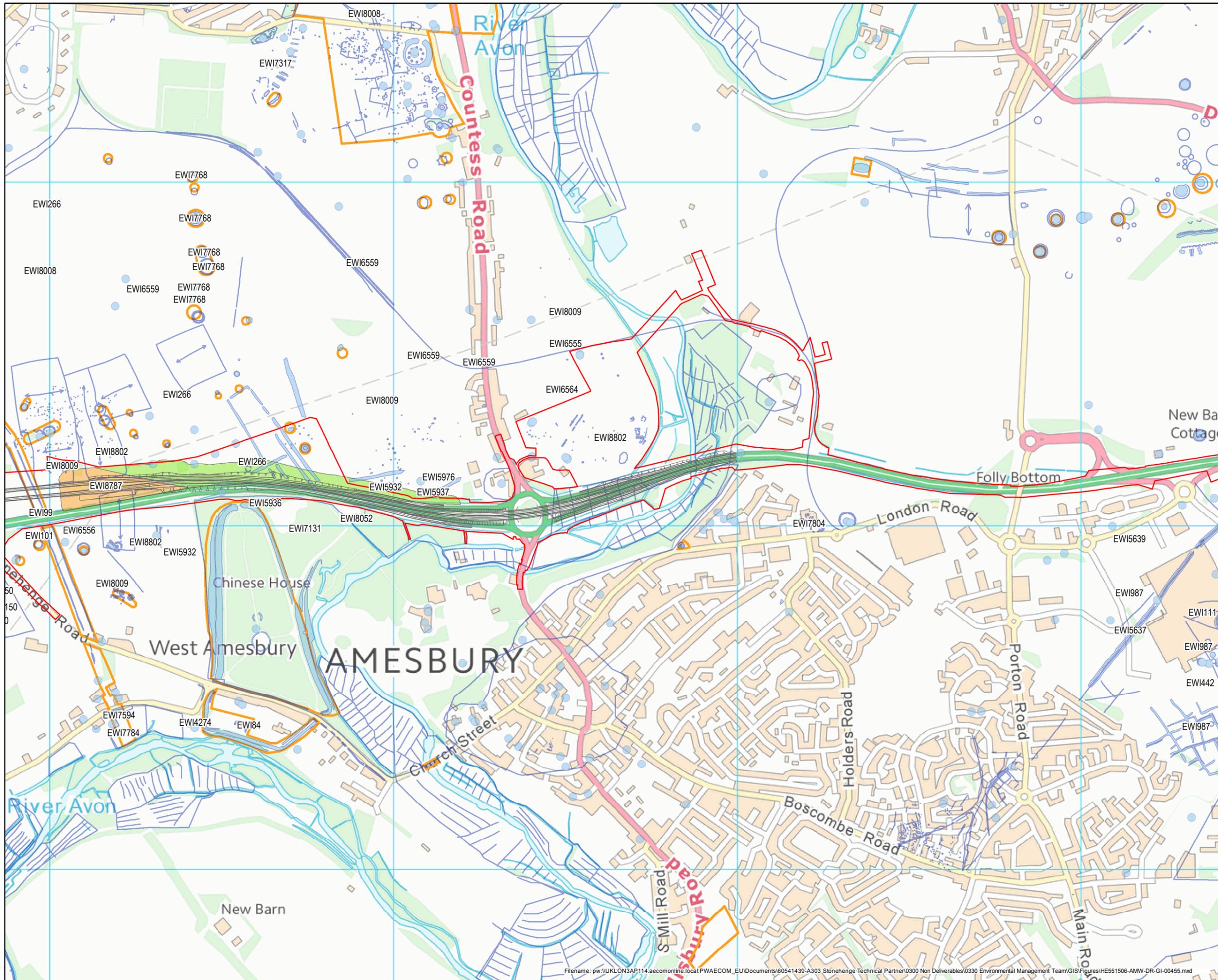
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 - HER Monuments (Polygon)
 - Scheduled Monument
 - Ploughzone artefact sampling
 - Ploughzone artefact sampling and Trench Evaluation

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 FIGURE 21
 PREVIOUS ARCHAEOLOGICAL INVESTIGATIONS COUNTESS ROUNDABOUT

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