



A.P.A.C. Ltd.

Archaeological Perspectives Analysis Consultancy

**ARCHAEOLOGICAL
WATCHING BRIEF REPORT**

**Chapel House Culvert Bridge,
Angiddy, Tintern**



Monmouthshire County Council: Highways C954



Summary

This report forms the results of a watching brief undertaken on the site of a bridge over the Angiddy stream, adjacent to Chapel House, Tintern, during removal of a temporary bridge structure and remedial works to an earlier bridge structure beneath. The work was undertaken following a request from Monmouthshire County Council's Highways department acting on a recommendation from the Glamorgan-Gwent Archaeological Trust that a watching brief be carried out during groundworks at the site.

The archaeological watching brief was maintained on all intrusive groundworks and followed a photographic building record survey also undertaken by APAC Ltd (Phillips, 2014).

The watching brief located no intact features or deposits of archaeological significance though modern disturbance in the area was prevalent.

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1 Introduction

This report has been prepared by C E Smith, APAC Ltd. It forms the results of an archaeological watching brief undertaken in response to intrusive groundworks and demolition work undertaken on the site of the Chapel House Culvert Bridge, Tintern. The work was carried out following a request from Monmouthshire County Council's (MCC) Highways department. Glamorgan-Gwent Archaeological Trust (GGAT), acting in their capacity as advisors to MCC, recommended that a photographic building recording and watching brief be carried out on the site.

The assessment area, the bridge over the Angiddy stream adjacent to Chapel House, Tintern, is centred on NGR 325097 200255 (Figs 1&2).

The watching brief work followed the earlier photographic building recording undertaken by APAC Ltd (Phillips, 2014).

Prior to the commencement of groundworks taking place a written scheme of investigation was drawn up by APAC Ltd (Phillips, 2014b). This was approved by GGAT and submitted to MCC prior to the commencement of work on-site.

The watching brief was undertaken over a period of 19 non-consecutive days between August and October 2014 Dr. Neil Phillips.

2 Site Location

The detailed location of the site is shown on figure 2. It is located spanning the Angiddy stream just off Old Forge Rd and opposite Chapel House, Tintern. The site is located at 55.2m above Ordnance Datum.

3 Geology and Topography

The underlying solid geology of the assessment area is Tintern Group Sandstone with a superficial river terrace alluvium of clay, silt, sand and gravels (British Geological Survey, 2018).

The solid geology of the assessment area is overlain by freely draining, slightly acid, loamy soils (Soilscapes, 2018).

4 Brief archaeological and historical background

The most obvious archaeological resource within Tintern is the large medieval abbey complex although industrial period features such as iron works, railways and shipping infrastructure are also prevalent.

A large amount of post-medieval features, largely associated with the metalworking industry, are located along the course of the Angiddy stream to the west of Tintern itself. The bridge was identified as having the potential for being of archaeological interest owing to its being part of the infrastructure of the industrial complex within the Angiddy Valley. It is located adjacent to PRN07269g; two post medieval structures, PRN00711g; the site of the Post-medieval Middle Forge, and PRN00707g; the Post-medieval wire works at Chapel Wire Mill.

The bridge is depicted on the John Aram Estate map of 1763 (Badminton Survey, Book 2), as well as on the 1st to 4th Edition Ordnance Survey maps of 1879 to 1974. Although the bridge is first depicted on the eighteenth century Aram map it is likely to be of an earlier date given that the metalwork industry in the area dates from at least the 16th century.

Previous archaeological work in the immediate vicinity includes a watching brief at 2 Crown Cottages undertaken in 2012 by APAC Ltd (E004366) and a field evaluation undertaken in 2009 by Gloucester County Council Archaeology Service (PRN E002009). Both events showed Post-medieval structural remains at comparatively shallow depths.



5 Aims and Objectives

The aims of an archaeological watching brief, as defined by the Chartered Institute for Archaeologists (CIfA, 2014) are:

- To ensure that any buried remains located within the development area are fully investigated and recorded if revealed as a consequence of the site works;
- To provide an opportunity for the archaeologists present to signal to all interested parties, before the destruction of the material in question, that an archaeological find has been made for which the resources of the watching brief itself are not sufficient to support treatment to a satisfactory and proper standard;
- If such a find is made, representatives of both the client and the regional Development Control Officer/County Archaeologist will be informed and a site meeting organised, as appropriate.

In accordance with the agreed Written scheme of Investigation the general aims of the watching brief were to:

- Establish the presence/absence of archaeological deposits within the assessment area.
- Elucidate the character, distribution, extent and importance of any identified archaeological deposits.
- Produce a detailed record of the work undertaken so as any archaeological deposits are preserved by record

6 Scope of the Work

The watching brief was undertaken on all groundworks and demolition deemed by the archaeologist present on-site to be likely to impact on the archaeological resource. Monitored works included the removal/demolition of the bridge as well as mechanical excavation of both banks, up and downstream of the bridge site, prior to the insertion of new, pre-cast, culvert arches.

All remains of potential archaeological or historical interest were considered, whatever their date. Figure 3 shows a detailed location plan of all monitored works forming the archaeological watching brief.

7 Methodology

Watching Brief

Groundworks were undertaken by mechanical excavator under close archaeological supervision.

All areas were photographed using digital photography (16mp+) with images taken in *RAW or TIFF format for long term archive storage.

All on site illustrations were undertaken on drafting film using recognised conventions and scales (1:10, 1:20, 1:50 as appropriate).

All encountered contexts were recorded on APAC Ltd pro-forma context sheets.

All finds were bagged by context with the finds retained for subsequent processing.

All works were undertaken in accordance with the CIfA's (2014) *Standards and Guidance: for an archaeological watching brief* and current Health and Safety legislation

8 Watching Brief Results

Demolition of Existing Stone Bridge

The demolition of the stone bridge began with the removal of the temporarily installed steel plate forming the roads surface (Plate 1). This was located above a 0.4m deep stone chippings hardcore deposit (001) containing live services and modern plastic debris (Plate 2). Hardcore (001) was removed by mechanical excavator and was found to immediately overlie the stones (002) forming the archway of the bridge (Plate 3). No original road surface was located.

The bridge itself measured approximately 5m in width with a span of 2m. It appeared kinked halfway along its length reflecting two separate construction phases (Plate 4). The stones forming the arch (002) were composed of



roughly faced, rectangular sandstone blocks up to 0.4m in length and 0.2m wide. No original bonding material was apparent though some areas of the stonework had been subject to later, modern, repointing in cement (Plate 5).

The walls below the arch of the bridge, supporting the eastern (003) and western ends (004) of its span, were each approximately 5m in length and were similarly composed of roughly faced sandstone blocks (Plates 6&7). These were bigger than those used within the arch, however, and were up to 0.6m in width and length. The walls stood to a height of 1.5m above the bottom of the Angiddy stream and were also seemingly unbonded.

Eastern Bank Excavation

After removal of the eastern wall (003) of the bridge, and in order to house the new culvert, the eastern bank was cut into and the resultant spoil material removed (Plate 8). Excavation in this area showed the soil sequence to be composed of a 0.3m deep topsoil material (005) located above a red/orange silty clay subsoil (006). With the exception of a set of extant 19th century stone steps (007 – Plate 9) affording access to the stream, no archaeological features were disturbed during work in this area

After insertion of the new culvert, the eastern bank was subject to reinstatement with the excavated area being infilled (Fig 3).

Western Bank Excavation

As with the excavation on the eastern bank, material was removed from the western bank (Plate 10) in order that the new culvert was sited correctly.

Excavation of the west bank, after removal of the western wall of the bridge (004), showed two earlier road surfaces (008 & 009 – Plate 11), both tarmac and buried beneath a redeposited subsoil horizon (010). No further features of archaeological significance were noted.

Again, after insertion of the new culvert, the bank in this area was partially reinstated.

Watching Brief Summary

The watching brief undertaken on the demolition of the bridge structure, as well as the excavation of both banks, showed very little in terms of intact archaeological horizons or deposits. Large amounts of modern disturbance were located including the numerous services and buried tarmac road surfaces.

No further features of archaeological significance were located during the course of the watching brief.

9 Finds

A moderately sized finds assemblage was recovered during the course of the watching brief and comprised ceramics, vessel glass, clay tobacco pipe, occasional slag and other miscellaneous modern finds. All of the finds were Post-medieval or modern in date, the majority of which were unstratified. Finds photographs, illustrations and catalogue are located within Appendix II.

A partial worked stone trough was located within the stream itself (Plates 12&13) as was a single narrow gauge rail (Plates 14&15).

Finds Summary

The finds assemblage represents a wholly post-medieval to modern date range, 17th to 20th century, and is largely domestic with occasional material (slag, furnace lining) suggestive of industrial activity. The date range and mixed domestic/industrial nature of the assemblage is consistent with occupation and industry taking place along the course of the Angiddy from the 17th century onwards.

It is possible that the worked stone trough is medieval in date and was moved from the Abbey in nearby Tintern. The onset of industry within the Angiddy valley from the 16th century onwards coincided roughly with the dissolution of the monasteries, thus rendering Tintern Abbey as a good source of worked stone. Other examples of reused Abbey stone are prevalent within structures still extant along the valley.



The narrow gauge steel rail recovered during the course of the watching brief may suggest that the bridge, at one time, carried a light railway/tramway.

10 Discussion and Interpretation

The watching brief undertaken during demolition and removal of the Chapel House Culvert Bridge, as well as the excavation of the stream banks, showed little in terms of previously unrecorded archaeological features.

The bridge itself was found to have two phases to its build. Work on the top of the bridge arch revealed no original road surface. It is possible that the bridge was intended to carry a narrow gauge railway.

A set of stone steps offering access to the stream, located on the eastern bank and removed during the course of the works, were likely domestic in nature and associated with a property close to the stream bank.

Two earlier road surfaces were located on the western bank though both were tarmac. Thus they are unlikely to be earlier than mid-20th century in date. A plethora of live and defunct services on the eastern bank and crossing the bridge is testament to the amount of recent disturbance to the area.

Finds from the watching brief, though mostly unstratified, date predominantly from the 17th to 20th centuries and are consistent with known activity dates within the valley.

11 Archive

The original archive for the watching brief will be retained by APAC Ltd.

Secondary archives will be deposited with the RCAHMW in Aberystwyth and all finds returned to the landowner.

A copy of the final report & WSI will be deposited with the regional HER for Monmouthshire held by the Glamorgan-Gwent Archaeological Trust in Swansea.

12 Staff

The watching brief was undertaken by Dr. Neil Phillips MCIfA

Post-excavation finds processing was undertaken by Adam Phillips.

13 Bibliography and References

British Geological Survey - www.bgs.ac.uk – Accessed 4th June 2018

Chartered Institute for Archaeologists. 2014. Standards and Guidance: *for an archaeological watching brief*

National Soil Resources Institute - <http://www.landis.org.uk/soilscapes/> - Accessed 4th June 2018

Phillips, N. 2014. Chapel House Culvert Bridge, Angiddy, Tintern. Building Recording. APAC Ltd Doc No. 250

Phillips, N. 2014b. Chapel House Culvert Bridge, Angiddy, Tintern. WSI for a Program of Archaeological Work.



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Fig 1: General location map



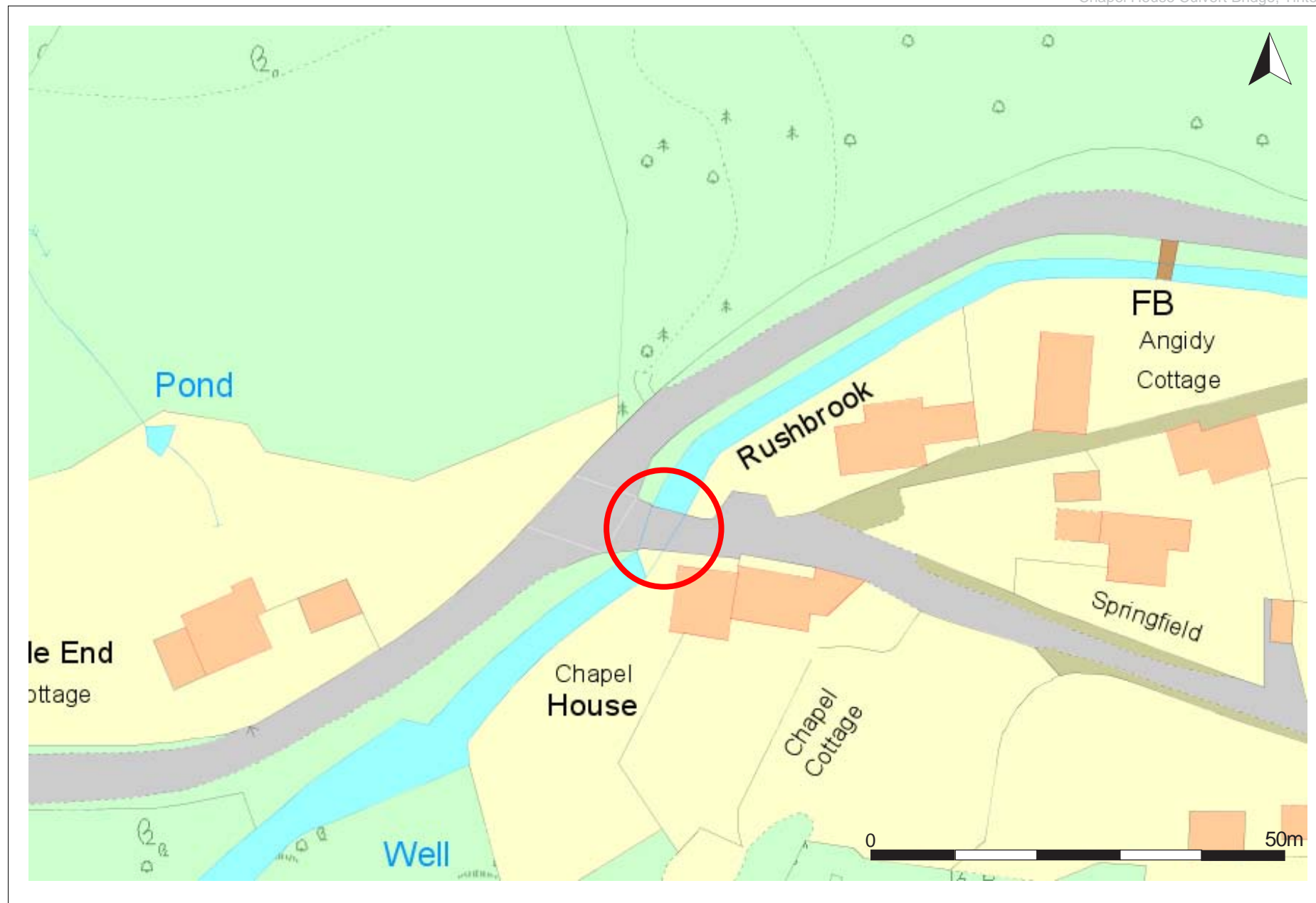


Fig 2: OS Mastermap showing detailed location of assessment area (red)

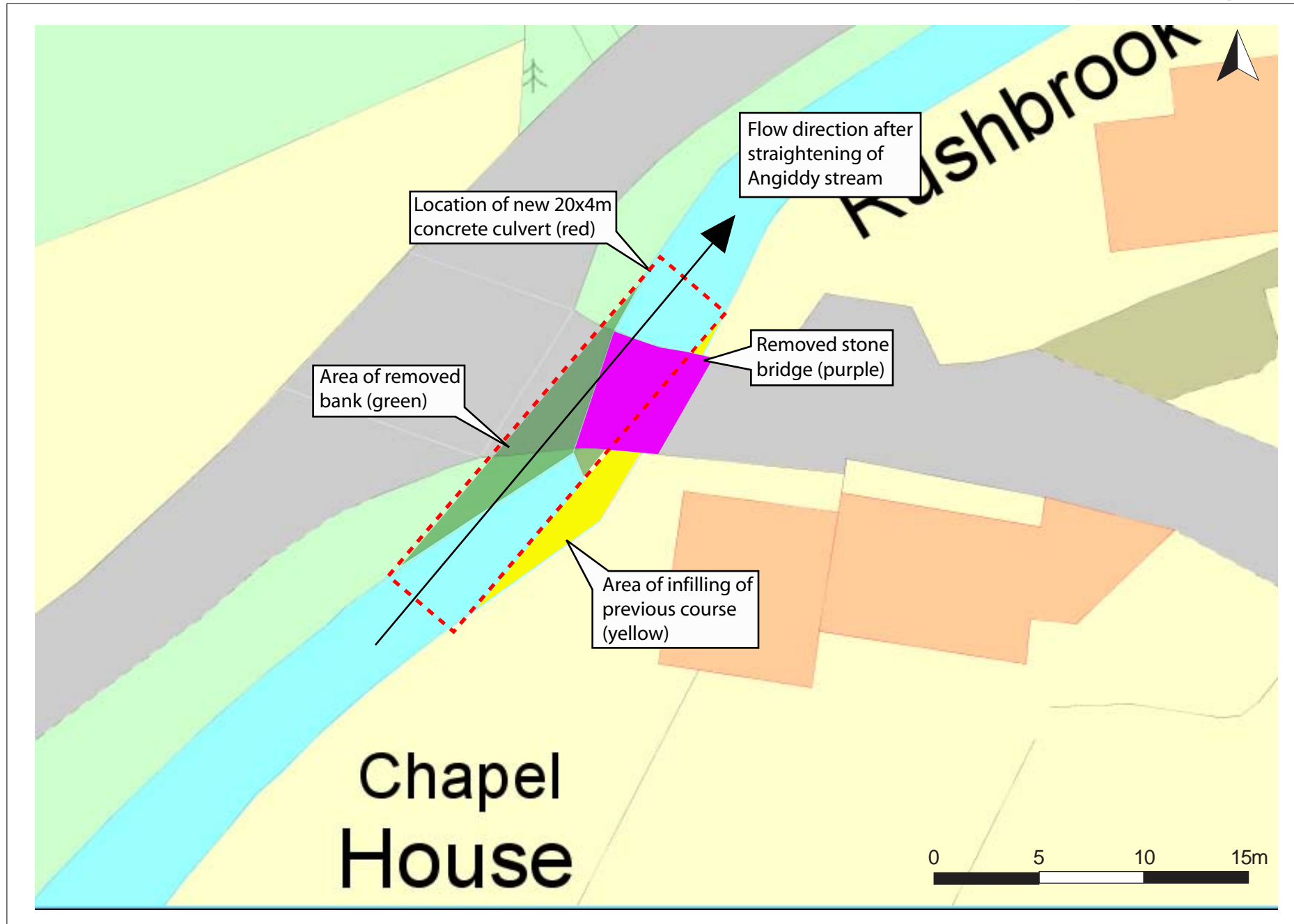


Fig 3: OS Mastermap showing detailed location of works within assessment area



Plate 1: View of temporary steel plate road surface removal. Looking south



Plate 2: View of hardcore deposit (001) beneath steel road plate. Looking east



Plate 3: View of bridge arch stones with hardcore (001) above. Scale 1x2m. Looking south



Plate 4: View of two separate build episodes within bridge. Looking south



Plate 5: View of unbonded bridge stonework with later cement pointing. Looking south east



Plate 6: View of stonework on eastern wall of bridge. Scale 1x1m, Looking south east



Plate 7: View of bridge stonework of western wall. Scale 1x2m, Looking west



Plate 8: View of eastern bank deposits during excavation. Scale 1x1m, Looking east



Plate 9: View of set of stone steps within eastern bank adjacent to Chapel House.
Looking east



Plate 10: View of western bank during excavation. Scale 1x2m, Looking south



Plate 11: View of two tarmac road surfaces within western bank. Scale 1sqm
Looking west



Plate 12: View of partial stone trough recovered from stream. Scales 2x1m



Plate 13: Profile view of stone trough showing tool marks. Scale with 0.2m increments



Plate 14: View of narrow gauge steel rail. Centimetre tape for scale



Plate 15: Profile view of steel rail. Scale with 0.2m increments

Photo no	Date	Camera	L or P	View	Description
DSC06751	14/08/14	SONY-F828	L	E	Slap extension to south of bridge
DSC06752	14/08/14	SONY-F828	L	NW	Service pipe to east of bridge re-newed
DSC06753	14/08/14	SONY-F828	L	Sw	Service pipe DSC06752 left. View upstream towards bridge
DSC06754	14/08/14	SONY-F828	L	S	Close up of south west of bridge.
DSC06755	14/08/14	SONY-F828	L	SW	Temporary bridge platform
DSC06756	14/08/14	SONY-F828	P	SW	Temporary bridge platform
DSC06757	14/08/14	SONY-F828	L	SW	Temporary bridge platform being removed
DSC06758	14/08/14	SONY-F828	L	SW	Temporary bridge platform being removed
DSC06759	14/08/14	SONY-F828	L	SW	Temporary bridge platform being removed
DSC06760	14/08/14	SONY-F828	L	Sw	Temporary bridge platform being removed
DSC06761	14/08/14	SONY-F828	P	SW	Temporary bridge platform being removed
DSC06762	14/08/14	SONY-F828	L		Temporary bridge platform being removed
DSC06763	14/08/14	SONY-F828	L	W	Sub base to temporary platform
DSC06764	14/08/14	SONY-F828	L	SW	Remains of edge wall on upside of bridge
DSC06765	21/08/14	SONY-F828	L	NE	Remains of edge wall on downside of bridge.
DSC06766	22/08/14	SONY-F828	L	NE	Remains of edge wall on downside of bridge. Infill above arch
DSC06767	22/08/14	SONY-F828	L	SE	Remains of edge wall on downside of bridge. Infill above arch. Metal service pipes
DSC06768	22/08/14	SONY-F828	L	S	19c access to stream for domestic properties
DSC06771	28/08/14	SONY-F828	L	W	Metal pipe within carriage way infill of bridge
DSC06772	28/08/14	SONY-F828	L	SW	Bridge carriage-way infill. Pipes capped
DSC06773	29/08/14	SONY-F828	L	S	Excavation of north west wall of stream below bridge
DSC06774	29/08/14	SONY-F828	L	SE	Selection of existing services over bridge
DSC06775	29/08/14	SONY-F828	L	SE	Selection of existing services over bridge
DSC06776	29/08/14	SONY-F828	L	E	Abutment of bridge with carport for house
DSC06777	02/09/14	SONY-F828	L	E	Selection of existing services over bridge
DSC06778	02/09/14	SONY-F828	L	E	Selection of existing services over bridge
DSC06779	02/09/14	SONY-F828	L	W	Selection of existing services over bridge
DSC06790	08/09/14	SONY-F828	L	SW	Bridge support in place
DSC06791	08/09/14	SONY-F828	L	E	Excavation to reroute services on west bank below bridge
DSC06792	08/09/14	SONY-F828	L	SE	Bridge support in place
DSC06793	08/09/14	SONY-F828	L	W	West bank beneath bridge collapsing
DSC06794	08/09/14	SONY-F828	L	S	West bank beneath bridge collapsing. Position of arch
DSC06795	08/09/14	SONY-F828	L	S	View through arch prior to demolition
DSC06796	10/09/14	SONY-F828	L	NE	Demolition
DSC06797	10/09/14	SONY-F828	L	NE	View of upside of bridge, slab extension
DSC06798	10/09/14	SONY-F828	L	S	Internal view of arch just before demolition
DSC06799	10/09/14	SONY-F828	L	S	Internal view of arch just before demolition
DSC06800	10/09/14	SONY-F828	L	S	Internal view of arch north east corner. Collapse
DSC06801	10/09/14	SONY-F828	P	SE	Internal north east corner of bridge.
DSC06802	10/09/14	SONY-F828	L	W	Excavation of nw bridge bank and parapet
DSC06803	10/09/14	SONY-F828	L	SW	Excavation of nw bridge bank and parapet
DSC06804	10/09/14	SONY-F828	L	S	View of original arch facing with vegetation removed.
DSC06805	10/09/14	SONY-F828	L	S	NW corner arch springing base detail
DSC06806	10/09/14	SONY-F828	L	S	Excavation of nw bridge bank and parapet. sequence 1
DSC06807	10/09/14	SONY-F828	L	S	Excavation of nw bridge bank, parapet and arch. sequence 2
DSC06808	10/09/14	SONY-F828	L	S	Excavation of nw bridge bank, parapet and arch. sequence 3

DSC06809	10/09/14	SONY-F828	L	S	Excavation of nw bridge bank, parapet and arch. sequence 4
DSC06810	10/09/14	SONY-F828	L	S	Excavation of nw bridge bank, parapet and arch. sequence 5
DSC06811	10/09/14	SONY-F828	L	S	Excavation of nw bridge bank, parapet and arch. sequence 6
DSC06812	10/09/14	SONY-F828	L	S	Excavation of nw bridge bank, parapet and arch. sequence 7
DSC06813	10/09/14	SONY-F828	L	S	Excavation of nw bridge bank, parapet and arch. sequence 8
DSC06814	10/09/14	SONY-F828	L	S	Excavation of nw bridge bank, parapet and arch. sequence 9
DSC06815	10/09/14	SONY-F828	L	S	Excavation of nw bridge bank, parapet and arch. sequence 10
DSC06816	10/09/14	SONY-F828	L	S	Excavation of nw bridge bank, parapet and arch. sequence 11
DSC06817	10/09/14	SONY-F828	L	S	Excavation of nw bridge bank, parapet and arch. sequence 12
DSC06818	10/09/14	SONY-F828	L	S	Excavation of nw bridge bank, parapet and arch. sequence 13
DSC06819	10/09/14	SONY-F828	L	S	Excavation of nw bridge bank, parapet and arch. sequence 14
DSC06820	10/09/14	SONY-F828	P	S	Excavation of nw bridge bank, parapet and arch. sequence 15
DSC06821	10/09/14	SONY-F828	P	S	Excavation of nw bridge bank, parapet and arch. sequence 16
DSC06822	10/09/14	SONY-F828	P	S	Excavation of nw bridge bank, parapet and arch. sequence 17
DSC06823	10/09/14	SONY-F828	L	S	Excavation of nw bridge bank, parapet and arch. sequence 18
DSC06824	11/09/14	SONY-F828	L	S	Excavation of nw bridge bank, parapet and arch. sequence 19
DSC06825	11/09/14	SONY-F828	L	S	Excavation of nw bridge bank, parapet and arch. sequence 20
DSC06826	11/09/14	SONY-F828	P	S	Excavation of nw bridge bank, parapet and arch. sequence 21
DSC06827	11/09/14	SONY-F828	L	S	Excavation of nw bridge bank, east parapet and arch.
DSC06828	11/09/14	SONY-F828	L	S	Excavation of nw bridge bank, west parapet and arch springe voussoir
DSC07049	22/09/14	SONY-F828	L	NE	Upstream east bank new wall footing
DSC07050	22/09/14	SONY-F828	L	W	SE corner of bridge, tarmac gravel & dust. Gravel DK brown sandy clay. Red brown sandy clay
DSC07051	22/09/14	SONY-F828	L	NE	Position of above section
DSC07052	22/09/14	SONY-F828	L	SE	East bank of stream
DSC07053	22/09/14	SONY-F828	L	SE	East bank of stream
DSC07054	22/09/14	SONY-F828	L	SE	Position of above sections to right od spoil. East of stream above bridge.
DSC07055	22/09/14	SONY-F828	L	NE	Position of above sections to right od spoil. East of stream above bridge.
DSC07056	22/09/14	SONY-F828	L	NE	Detail of above
DSC07057	23/09/14	SONY-F828	L	SE	Diverting the stream
DSC07058	23/09/14	SONY-F828	L	NE	Diverting the stream
DSC07059	23/09/14	SONY-F828	L	SE	Diverting the stream
DSC07060	23/09/14	SONY-F828	L	W	Diverting the stream
DSC07061	23/09/14	SONY-F828	L	W	Diverting the stream
DSC07062	23/09/14	SONY-F828	L	W	Diverting the stream
DSC07063	23/09/14	SONY-F828	L	E	Diverting the stream
DSC07064	23/09/14	SONY-F828	L		Error
DSC07065	23/09/14	SONY-F828	L	SE	Diverting the stream
DSC07066	23/09/14	SONY-F828	L	NE	Diverting the stream
DSC07067	23/09/14	SONY-F828	L	NW	Western bank at bridge position
DSC07068	23/09/14	SONY-F828	L	SW	View through partial remains of bridge. Later extension to rear
DSC07069	23/09/14	SONY-F828	L	NW	Detail of north western voussoir
DSC07070	23/09/14	SONY-F828	L	S	Detail of eastern original bridge build
DSC07071	23/09/14	SONY-F828	L	v	Stone cistern found in stream under bridge
DSC07072	23/09/14	SONY-F828	L	v	Stone cistern found in stream under bridge
DSC07073	23/09/14	SONY-F828	L	v	Stone cistern found in stream under bridge
DSC07074	23/09/14	SONY-F828	L	v	Stone cistern found in stream under bridge
DSC07075	23/09/14	SONY-F828	P	W	Diverting the stream

DSC07076	23/09/14	SONY-F828	L	NE	Excavation of the dry stream bed. Former bridge position left
DSC07077	23/09/14	SONY-F828	L	W	Excavation of the dry stream bed. Former bridge position left
DSC07078	23/09/14	SONY-F828	L	NE	Excavation of the dry stream bed. Former bridge position left
DSC07082	24/09/14	SONY-F828	L	NE	Excavation of the dry stream bed. Former bridge position left
DSC07083	25/09/14	SONY-F828	L	NE	First section of new bridge
DSC07084	25/09/14	SONY-F828	P	W	Cutting into the west bank below former bridge for next section
DSC07085	25/09/14	SONY-F828	L	SW	View of west bank from temporary bridge
DSC07087	25/09/14	SONY-F828	L	W	West bank at former bridge. Paper in bank deposit shows recent disturbance, service trenches
DSC07088	26/09/14	SONY-F828	L	SW	West bank at former bridge. Paper in bank deposit shows recent disturbance, service trenches
DSC07089	26/09/14	SONY-F828	L	SW	West bank at former bridge. Bank unstable
DSC07091	26/09/14	SONY-F828	L	W	Excavated north bank exposing shallow road surface over original arch
DSC07092	26/09/14	SONY-F828	L	NW	Detail of north bank. Multiple deposits very unstable
DSC07093	26/09/14	SONY-F828	L	N	Detail of north bank. Multiple deposits very unstable
DSC06894	26/09/14	SONY-F828	L	SW	Problems with water flow bypass halts work
DSC06895	26/09/14	SONY-F828	L	NE	Positioning bridge section. Precarious balancing act.
DSC06896	26/09/14	SONY-F828	P	NE	Positioning bridge section. Precarious balancing act.
DSC07141	29/09/14	SONY-F828	L	SE	Detail of eastern wall of bridge arch removed
DSC07142	29/09/14	SONY-F828	L	SE	Detail of eastern wall of bridge arch removed. Extension extreme right
DSC07143	29/09/14	SONY-F828	L	SE	Detail of eastern wall of bridge arch removed. Extension right
DSC07144	29/09/14	SONY-F828	L	S	Detail of eastern bridge extension
DSC07145	29/09/14	SONY-F828	L	S	Eastern bank to be removed. Two phases of building
DSC07146	29/09/14	SONY-F828	L	V	Unstable western bank upstream of bridge. Upper redeposition. Lower iron stained clay
DSC07147	29/09/14	SONY-F828	L	SE	Eastern wall above bridge removed. Redeposited soils above angular bedding plane
DSC07148	29/09/14	SONY-F828	L	NW	Below arched bridge, west bank cut for new bridge section. 2.4m section shown very unstable
DSC07149	29/09/14	SONY-F828	L	Ne	Internal shot down inside of replacement bridge.
DSC07150	30/09/14	SONY-F828	L	SW	Water bypass system
DSC07151	30/09/14	SONY-F828	P	NW	Excavation of west bank above arched bridge
DSC07152	30/09/14	SONY-F828	P	NW	Excavation of west bank above arched bridge
DSC07153	30/09/14	SONY-F828	P	NW	Excavation of west bank above arched bridge
DSC07154	30/09/14	SONY-F828	P	NW	Excavation of west bank above arched bridge
DSC07155	01/10/14	SONY-F828	L	e	View over former bridge. Full original width of spring stones exposed
DSC07156	01/10/14	SONY-F828	L	S	Remains of flagstone cover of bridge upstream extension. Over 1m wide slab
DSC07157	01/10/14	SONY-F828	L	S	Upstream of arched bridge. SE bank two phase building
DSC07158	01/10/14	SONY-F828	L	S	Upstream of arched bridge. SE bank excavated
DSC07159	01/10/14	SONY-F828	L		Section of rail support found at edge of arched bridge span. Profile
DSC07160	01/10/14	SONY-F828	L		Section of rail support found at edge of arched bridge span. Scale
DSC07161	01/10/14	SONY-F828	L		Section of rail support found at edge of arched bridge span. Fishplate connection
DSC07162	01/10/14	SONY-F828	P	NW	Excavation of west bank above arched bridge
DSC07163	01/10/14	SONY-F828	P	NW	Excavation of west bank above arched bridge. 4m depth. At least two metallised road surfaces. Rubble packing 2m
DSC07164	01/10/14	SONY-F828	P	NW	West bank upstream of bridge.
DSC07165	02/10/14	SONY-F828	P	NW	West bank upstream of bridge.
DSC07166	02/10/14	SONY-F828	L	SE	East bank upstream of bridge
DSC07167	02/10/14	SONY-F828	L	NW	West bank upstream of bridge.
DSC07168	02/10/14	SONY-F828	L	NE	View through new bridge
DSC07169	02/10/14	SONY-F828	L	NE	View through new bridge
DSC07170	02/10/14	SONY-F828	L	NE	View through new bridge
DSC07172	02/10/14	SONY-F828	L	E	East wall of stream at bridge

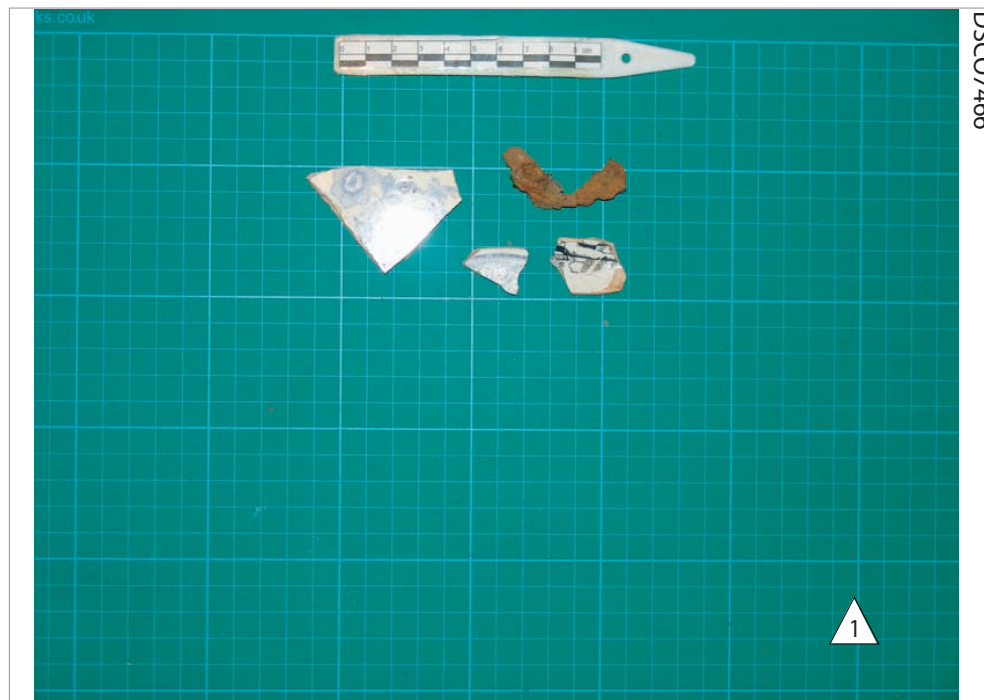
Appendix I

Digital photograph list

WB/TA/14

DSC07173	02/10/14	SONY-F828	L	V	Slab removed from east wall at bridge with cut groove and peg. Probable stone sleeper pad.
DSC07176	02/10/14	SONY-F828	L	SE	East bank of stream above bridge
DSC07179	02/10/14	SONY-F828	L	SE	East bank of stream above bridge
DSC07180	03/10/14	SONY-F828	L		Curved stone from eastern side of bank within the garden area. 1
DSC07181	03/10/14	SONY-F828	L		Curved stone from eastern side of bank within the garden area. 2
DSC07182	03/10/14	SONY-F828	L		Curved stone from eastern side of bank within the garden area. 3
DSC07183	03/10/14	SONY-F828	L	W	Relatively stable upper section of west bank above bridge. Two road surfaces
DSC07184	03/10/14	SONY-F828	L	SW	Relatively stable upper section of west bank above bridge. Two road surfaces 4m deep cut
DSC07185	03/10/14	SONY-F828	L	S	Eastern edge of stream above bridge. Re deposited with small percentage of stone.
DSC07186	03/10/14	SONY-F828	L	SW	Eastern edge of stream above bridge. Re deposited with small percentage of stone. As above

Appendix II



Bag no.	Area	Context	Description	Period	Date
1	General	U/S	1 sherd white china light blue design 1 sherd white china with blue floral design 1 sherd white china with black design 1 fragment iron	19 th	22/08/14

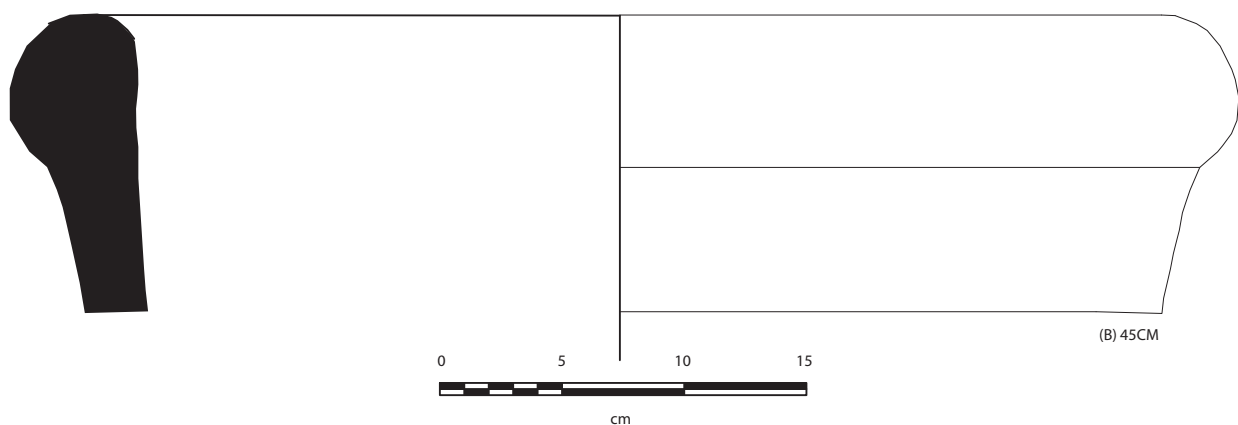
Appendix II



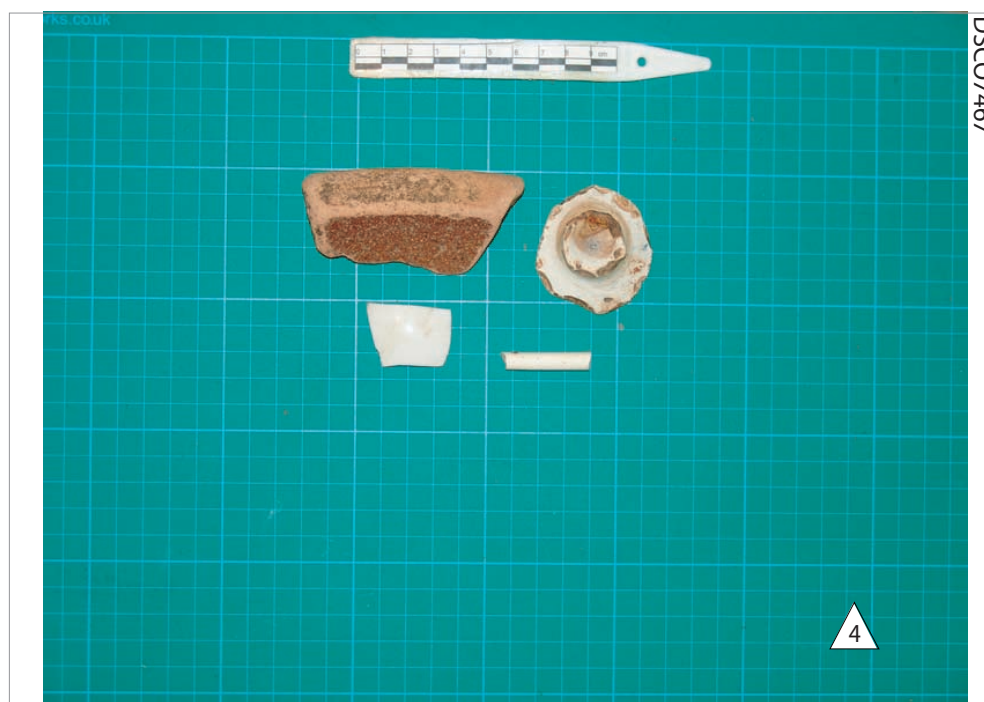
Bag no.	Area	Context	Description	Period	Date
2	Bridge surface	U/S	1 sherd cream ware 1 sherd white china with double sided blue floral design	1755 -1800	02/09/14



Bag no	Area	Context	Description	Period	Date
3	General	U/S	1 sherd badly fired earthenware pot base, interior glazed (possible waster. Clarke, Pers.comm) 11 cm base diameter	17 th –	09/09/14
			2 clay pipe stems	18 th / 19 th	
			2 small sherd (refit) earthenware, clear glaze		
			1 sherd unglazed water worn earthenware pot rim.45 – 50cm diameter		
			1 sherd stoneware pot base, green glaze	1800/	
			1 glazed stoneware pot rim		
			1 sherd soft paste porcelain pot lid		
			1 fragment furnace slag		



Appendix II



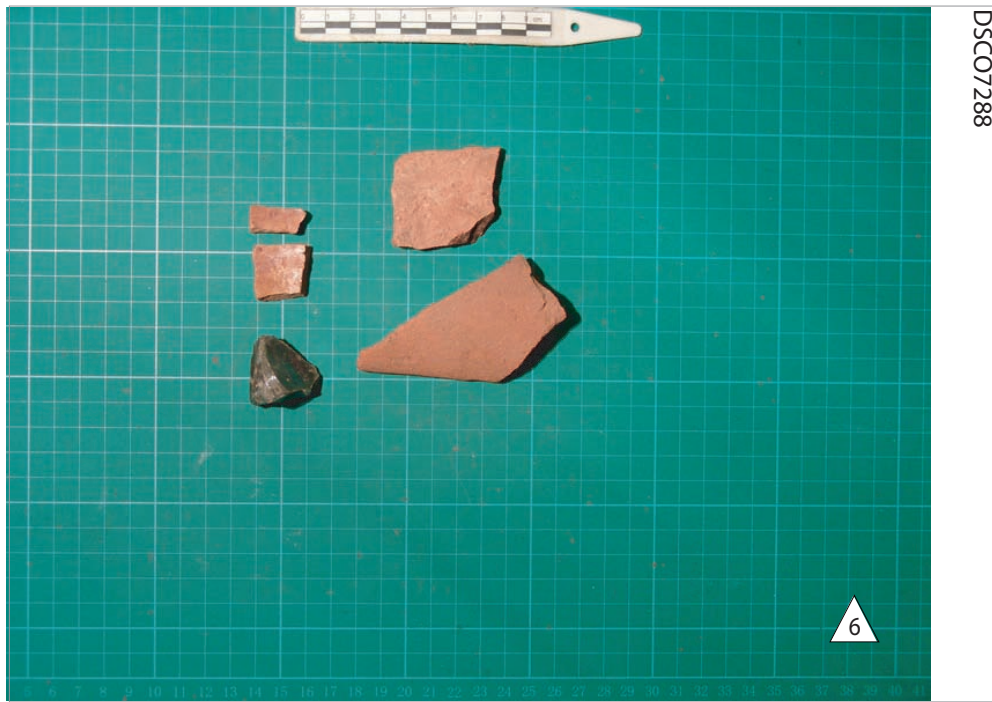
Bag no	Area	Context	Description	Period	Date
4	General	U/S	1 sherd water worn earthenware pot rim 1 sherd bone china 1 white glazed stoneware pot rim 1 clay pipe stem	18 th /19 th 1800/	23/09/14

Appendix II



Bag no	Area	Context	Description	Period	Date
5		U/S	1 sherd internally green glazed earthenware, possible Somerset (Clarke, Pers. comm) 2 clay pipe stems 1 sherd clear glazed earthenware 1 sherd yellow glazed stoneware 1 sherd white china plate rim, blue willow pattern 1 sherd soft paste porcelain tea cup with blue lines design	Middle 17 th – 18 th /19 th 1815/ 1800 -	24/09/14

Appendix II



Bag no	Area	Context	Description	Period	Date
6		U/S	2 sherds earthenware building material 2 sherds (refit) glazed earthenware 1 fragment slag	18 th / 19 th	25/09/14

Appendix II



Bag no	Area	Context	Description	Period	Date
7		U/S	1 sherd Staffordshire slipware partial internally glaze, partial external slip 1 sherd cream ware 1 earthenware egg cup base	18 th 1755 -1800	26/09/14

Appendix II



Bag no	Area	Context	Description	Period	Date
8		U/S	4 sherds (refit) orange glazed earthenware dark colour earthenware A sherd light orange earthenware 1 large clear glazed earthenware pot base	18 th / Late 18 th / 19 th	30/09/14

Appendix II

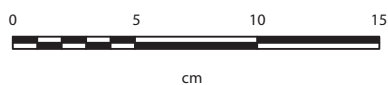
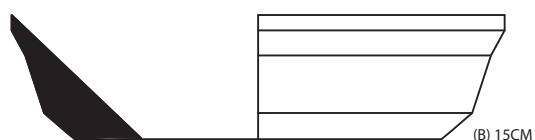
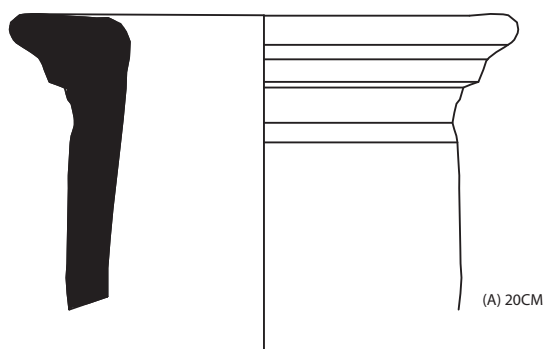


Bag no	Area	Context	Description	Period	Date
9	East Bank	Topsoil	1 sherd possibly pearl ware willow pattern 1 sherd ribbed edge pearl ware dish rim 1 lump of furnace lining with glaze	1779/	02/10/14

Appendix II



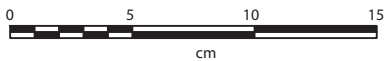
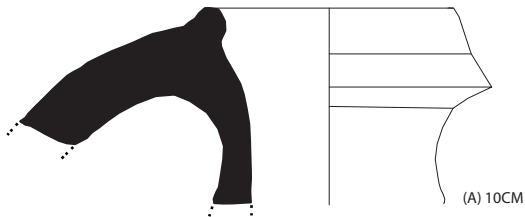
Bag no	Area	Context	Description	Period	Date
10	West Bank	U/S	1 sherd internally glazed pot, partial handle, possible cooking pot possibly from Somerset (Steve Clarke) 20cm diameter 1 sherd internally glazed pot base, possibly Somerset. (Steve Clarke) 15cm base diameter 2 sherds earthenware building materials, possible fingerprint in the one	17 th – 18 th /19 th	03/10/14



Appendix II



Bag no	Area	Context	Description	Period	Date
11	East Bank	Topsoil	1 sherd North Devonshire jug; top rim and handle green glazed, 10cm diameter 2 clay pipe stems 1 sherd white chin, possibly cream ware 5 sherds earthenware building materials 1 sherd unglazed earthenware nibbed roof tile 1 sherd pearl ware pot base 1 sherd white china, cobalt blue willow pattern design 2 sherds white china with blue design 1 small sherd white china rim blue design 1 plastic "Debbie" tag	Late 1600's 1755 -1800 18/19 th 1779 1815/ 20 th	08/10/14



Appendix II



DSC07290

Bag no	Area	Context	Description	Period	Date
12	East Bank	U/S	1 sherd Staffordshire slipware 1 sherd Staffordshire slipware pot rim 1 sherd iron glazed Staffordshire pot rim or base 1 sherd yellow glazed stoneware, with a white slip 1 glazed stoneware rim 1 sherd white glazed stoneware bowl 1 small sherd, possibly pearl ware 1 sherd white china, with blue design, 2 men on a bridge willow pattern (possibly broseley, Spode) 1 sherd white china with blue willow pattern 1 sherd white china with blue willow pattern rim 1 sherd earthenware. Matt black glaze 1 sherd bone china with faint gold trim 1 sherd of a large china bowl with blue decoration	Possibly 17 th 1779/ 1810 - 1820 1815/ 18 th /19 th	08/10/14