

APPENDIX 3

Mitigation Case study Maps and Tables

CONTENTS

Case Study 1 – Broom Quarry

Broom Quarry HER Assets Map	p3
Broom Quarry HER Assets Table	p4
Broom Quarry Surrounding Area HER Assets Table	p6-9

Case Study 2 – Octagon Farm, Willington

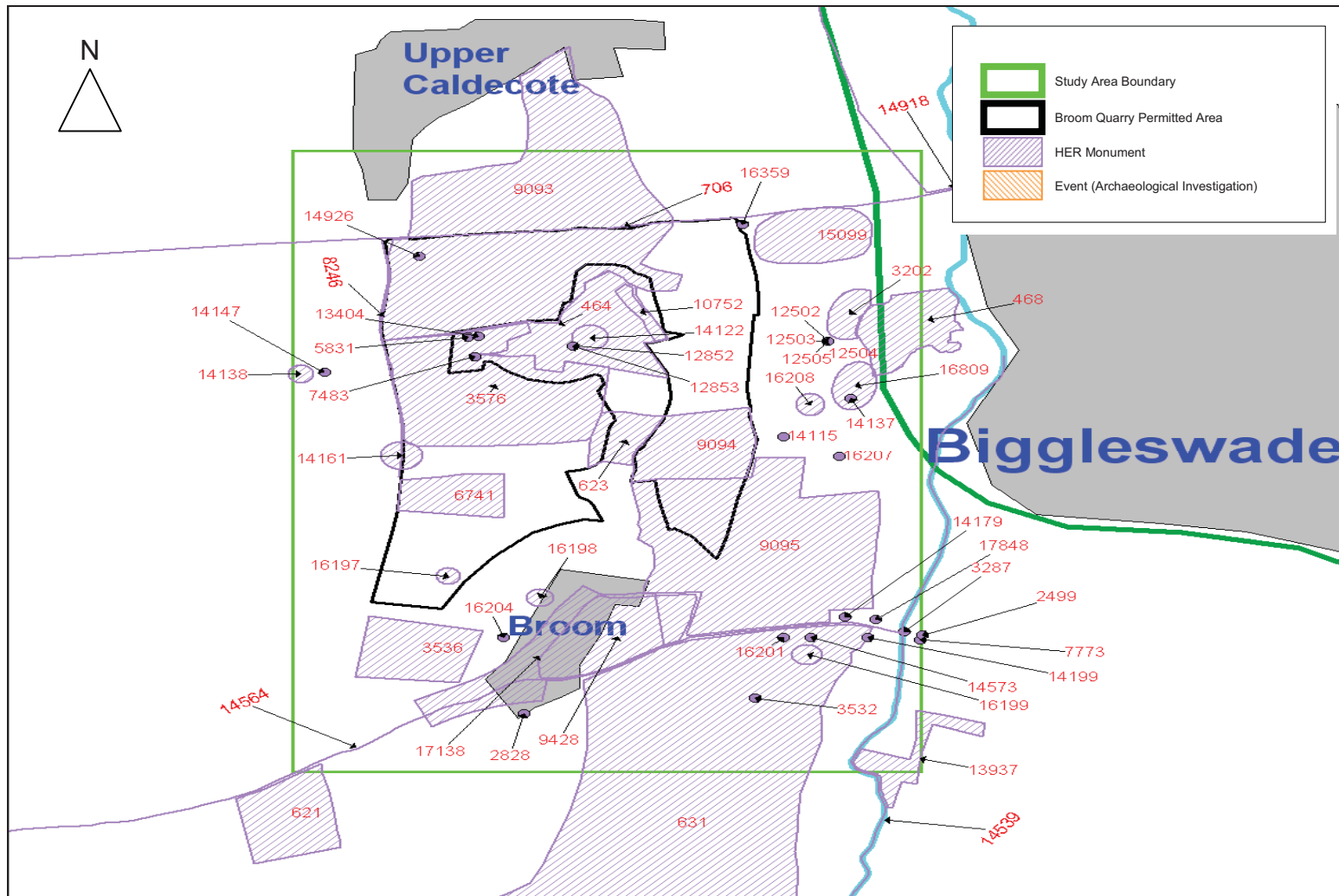
Octagon Farm, Willington HER Assets Map	p10
Octagon Farm, Willington Quarry HER Assets Table	p11
Octagon Farm, Willington Surrounding Area HER Assets Table	p12-18

Case Study 3 – Warren Villas/Ivel Farm

Warren Villas/Ivel Farm HER Assets Map	p19
Warren Villas Quarry HER Assets Table	p20
Ivel Farm Quarry HER Assets Table	p21
Warren Villas/Ivel Farm Surrounding Area HER Assets Table	p22-26

Case Study 4 – Sandy Heath

Sandy Heath Quarry HER Assets Map	p27
Sandy Heath Quarry HER Assets Table	p28
Sandy Heath Quarry Surrounding Area HER Assets Table	p29-31



Case Study 1 – Broom Quarry HER Assets Map

Case Study 1 – Broom Quarry HER Assets Table

HER No.	Site Name	Description
464	Medieval Moat, Fishponds and Settlement, East of Hill House, Old Warden	Rectangular medieval moated site, with fishpond complex in woodland to west, and possible settlement earthworks. (SAM 13606)
623	Cropmarks , Old Warden	A complex area of cropmarks, possibly representing a field system and hut circles.
706	Roman Road (Viatores no. 222)	A short stretch of Roman road between Biggleswade and Old Warden.
3576	Cropmarks South of Hill House, Broom	Investigations identified Neolithic flint scatters and sporadic pit cluster; Bronze Age field boundaries and two Early Bronze Age ring ditch funerary monuments; Late Saxon or medieval ditched enclosure and early Saxon pit. 7th century inhumation burials
6741	Cropmarks, West of Ash Covert, Old Warden	Investigations identified Neolithic flint scatters and sporadic pit cluster; Bronze Age field boundaries and a Late Bronze Age settlement.
9093	Cropmarks South of Upper Caldecote	Investigations identified Neolithic flint scatters and sporadic pit cluster; Bronze Age funerary monument, Beaker burials and Late Bronze Age boundary; Early Iron Age to Mid Iron Age settlement zone including large pits.
9094	Cropmarks Alongside Gypsy Lane, Broom	Cropmarks of two possible ring ditches may be geological in origin.
9095	Cropmarks North of Broom Grange, Southill	A series of Iron Age/Roman rectilinear/subrectangular enclosures lying N-S parallel to stream to the E. Linear features including double-ditched trackway(s) running to W. (Broom Extension)
14161	Hill Lane Toll House, Old Warden	A post medieval Toll House located in 1758 at the SE corner of the Hill Lane crossroads.
14926	Toll House, Vinegar Hill, Northill/Old Warden	The site of a 19th to 20th century Toll House.
15246	Seal Die, Upper Caldecote, Northill	A 13th century lead seal die from Upper Caldecote.
16197	Flint Arrowhead, Near Broom, Southill	A flint barbed and tanged arrowhead of a Neolithic to Bronze Age date.

Case Study 1 – Broom Quarry Surrounding Area HER Assets Table

HER No.	Site Name	Description
464	Medieval Moat, Fishponds and Settlement, East of Hill House, Old Warden	Rectangular medieval moated site, with fishpond complex in woodland to west, and possible settlement earthworks. (SAM 13606)
468	Ringwork and Bailey, Biggleswade	Possible Neolithic enclosure Bronze Age barrows, Roman enclosure, palaeochannel and Medieval ringwork and bailey. (SAM 20414)
621	Cropmarks South West of Broom Crossroads, Southill	Linear cropmarks, probably geological in origin.
623	Cropmarks , Old Warden	A complex area of cropmarks, possibly representing a field system and hut circles.
631	Extensive Cropmarks South of Broom, Southill	Bronze Age ring ditches, Iron Age/Romano British settlements and field system and Saxon settlement. (Broom Quarry South)
706	Roman Road (Viatores no. 222)	A short stretch of Roman road between Biggleswade and Old Warden.
2499	Holme Mills, Broom Road, Biggleswade/Southill	Extant 19 th century mill.
2828	Barn, 100 Metres South East of Broom Farmhouse, Broom	Extant agricultural building.
2877	Gravel Pit, Northill	A gravel pit, shown on the Ordnance Survey of 1901.
3202	Ring Ditches and Enclosures North East of Brookland Farm, Old Warden	Cropmarks of two Bronze Age ring ditches with a block of Iron Age rectilinear enclosures to the south.
3287	Holme Mills Bridge, Broom	Iron girder bridge constructed in 1822-1823 for the Ivel Navigation.
3532	Cropmarks South West of Holmewood, Southill	Cropmarks of indeterminate type and date recorded from aerial photographs.

Case Study 1 – Broom Quarry Surrounding Area HER Assets Table continued

HER No.	Site Name	Description
3536	Cropmarks North of Manor Farm, Broom	A complex area of linear cropmarks, most of which are probably geological in origin. Archaeological evaluation of a similar area to the north (HER6741) identified medieval close boundaries.
3576	Cropmarks South of Hill House, Broom	Investigations identified Neolithic flint scatter and sporadic pit cluster; Bronze Age field boundaries and two Early Bronze Age ring ditch funerary monuments; Late Saxon or medieval ditched enclosure and early Saxon pit. 7th century inhumation burials
5831	The Hill House, Old Warden	17th century house with 18th and 19th century reworking, and some 20th century alterations. (Grade II Listed. DBD4275)
6741	Cropmarks, West of Ash Covert, Old Warden	Investigations identified Neolithic flint scatter and sporadic pit cluster; Bronze Age field boundaries and a Late Bronze Age settlement.
7483	Outbuildings to The Hill House, Old Warden	Pair of 19th century out-buildings
7773	Miller's House, Holme Mill, Broom Road, Biggleswade	18th century red brick house
8246	Turnpike Road, Old Warden	Turnpike road
9093	Cropmarks South of Upper Caldecote	Investigations identified Neolithic flint scatters and sporadic pit cluster; Bronze Age funerary monument, Beaker burials and Late Bronze Age boundary; Early Iron Age to Mid Iron Age settlement zone including large pits.
9094	Cropmarks Alongside Gypsy Lane, Broom	Cropmarks of two possible ring ditches may be geological in origin.
9095	Cropmarks North of Broom Grange, Southill	A series of Iron Age/Roman rectilinear/subrectangular enclosures lying N-S parallel to stream to the E. Linear features including double-ditched trackway(s) running to W. (Broom Extension)
9428	Broom Hall Grounds	Landscape park c. 1770 in origin.
10752	Finds East of Hill House, Old Warden	Findspot of Neolithic Greenstone polished axe.

Case Study 1 – Broom Quarry Surrounding Area HER Assets Table continued

HER No.	Site Name	Description
12502	Brookland Farm, Old Warden	17th century farmhouse and threshing barn with 19th century range of outbuildings and attached house.
12503	Farmhouse, Brookland Farm, Old Warden	17th century farmhouse.
12504	Barn, Brooklands Farm, Gypsy Lane, Old Warden	17th century aisled barn.
12505	Outbuildings, Brooklands Farm, Old Warden	19th century agricultural building.
12853	Moat Cottage, Old Warden	Cottage from the 16th century but has been adapted in the 17th and 20th century.
13404	Onion Drying Shed, Hill House, Old Warden	Site of an onion drying shed.
13937	Park Mead, Biggleswade	A medieval to post-medieval deer park.
14115	Biggleswade Bridge	A bridge was known to be on this location in the 14th century, it was later replaced by an 18th century bridge.
14122	Chapel in Hill, Old Warden	Site of medieval chapel that adjoined Hill Manor.
14137	Frogs Hall, Old Warden	Frog's Hall is the site of 2 cottages and gardens, as recorded in the Enclosure Award of 1797.
14138	Middle Hill Farm, Old Warden	A post medieval farm located in Hill, it is mentioned in the mid 18th century Parish Register for Old Warden.
14147	Lower Hill Farm, Old Warden	A post medieval farm located in the hamlet of Hill, recorded between 1794-1837.
14161	Hill Lane Toll House, Old Warden	A post medieval Toll House located in 1758 at the SE corner of the Hill Lane crossroads.
14179	Broom Grange, Southill	The site of Broom Grange, it was still occupied in the 18th and 19th centuries.

Case Study 1 – Broom Quarry Surrounding Area HER Assets Table continued

HER No.	Site Name	Description
14199	Gholmemyll Grange, Southill	Holme Mill Grange was an estate which belonged to Warden Abbey, which in AD1594, after dissolution was conveyed to R Sutton. The estate was alienated in 1668 and does not appear again afterwards.
14539	Ivel Navigation	The Ivel Navigation ran from Tempsford to Shefford when completed in 1822. Origins lie in the Ivel Navigation Act of 1756 but the enterprise was wound up after the Ivel Navigation (Abandonment) Act came into effect in August 1876
14564	Road Holme Mills – Southill	A 19th century road from Holme Mills to Southill
14573	Broom Gravel Pit, Southill	Earthworks for a 19th to 20th century gravel pits
14918	Road, Lower Caldecote – Biggleswade	A 17th century road from Lower Caldecote to Biggleswade
14926	Toll House, Vinegar Hill, Northill/Old Warden	The site of a 19th to 20th century Toll House.
15099	Cropmarks North of Brooklands Farm, Old Warden	One rectilinear and a variety of linear cropmarks.
15246	Seal Die, Upper Caldecote, Northill	A 13th century lead seal die from Upper Caldecote.
16197	Flint Arrowhead, Near Broom, Southill	A flint barbed and tanged arrowhead of a Neolithic to Bronze Age date.
16198	Flint Arrowhead, Near Broom, Southill	A flint arrowhead of a Neolithic to Bronze Age date.
16199	Flint Arrowhead, Near Broom, Southill	A flint barbed and tanged arrowhead of a Neolithic to Bronze Age date.
16201	Palaeolithic Hand axe, Black Horse, Biggleswade	From a site near Biggleswade a middle acheulian elongated ficron type flint hand axe was recovered.
16204	Flint Arrowhead Near Ash Covert, Broom, Southill	A flint barbed and tanged arrowhead of a Neolithic to Bronze Age date.
16207	Flint Arrowhead, Gipsy Lane, Biggleswade	A flint barbed and tanged arrowhead of a Neolithic to Bronze Age date.

Case Study 1 – Broom Quarry Surrounding Area HER Assets Table continued

HER No.	Site Name	Description
16208	Flint Arrowhead, Gypsy Lane, Near Biggleswade	A flint barbed and tanged arrowhead of a Neolithic to Bronze Age date.
16359	Onion Shed, Corner of Honey Hill Lane/Gypsy Lane, Old Warden	A late 19th century onion drying shed with other farm buildings incorporated within it.
16809	Cropmarks South East of Brookland Farm, Old Warden	Block of small rectilinear enclosures, and some curvilinear features.
17138	Broom Medieval Settlement	The medieval village of Broom.
17848	WW2 Pillbox, Biggleswade/Southill	On Holme Mills in Biggleswade is a World War Two Pillbox. It was constructed between 1940-1941 and was demolished prior to 1999.

Case Study 2 – Octagon Farm, Willington HER Assets Table

HER No	Site Name	Description
1480	Cropmarks, Octagon Farm, South of River Ouse, Cardington/Cople	Extensive prehistoric 'ritual landscape' on gravel terrace, defined by R Ouse to N & Elstow Brook to S. Comprises ring ditch/henge monuments, long mortuary enclosures, cursus(es), etc. (Castlemill Airfield/Octagon Farm, Willington Quarry)
15009	Ring Ditch North of Sewage Works, Bedford	The Scheduled Ancient Monument (No 20751) is a Barrow and mortuary enclosure 1100m WNW of Octagon Farm; it is part of a Neolithic and Bronze Age mortuary complex.

Case Study 2 – Octagon Farm, Willington Surrounding Area HER Assets Table

HER No	Site Name	Description
124	Gravel Pit Spinney, Cople	Documents of the 1780s refer to gravel pits in the area but the locations of the pits are not certain.
130	Dovehouse Close, Cople	The site of a possible dovecote. The field is called Dovehouse Close on a map of 1779; on the same map a small building in the south west corner of the field may be the dovecote.
280	Cardington Cross	Cardington Cross, erected 1837, and the stump of an older cross, were moved from their original locations during the building of the Southern Bypass.
299	Neolithic Axe, Cardington	Polished flint axe found in 1935.
302	Iron Age and Roman Occupation, Mill Farm, Bedford	Investigations of cropmarks in the 1950s and 1980s recorded two Bronze Age ring ditches; Iron Age drainage ditches and pits; Roman inhumations, field system and pits.
335	Risinghoe Castle, Bedford	Earthwork remains of medieval motte castle.
336	Castle Mill, Bedford	The site of a mill in the medieval period, subsequently part of farm buildings.
337	Cropmarks in North West of Willington Plantation	Excavated cropmarks of Neolithic/Bronze Age ring ditch; Bronze Age ring ditch overlaid by Iron Age/Roman shrine; Two Iron Age pennanular enclosures and pit alignments and D shaped enclosure. (Plantation Quarry)
434	Site of Manor House, Willington	The site of the manor house, later occupied by 16th century farm.
435	Dovecote of Former Manor House, Church End, Willington	Stone dovecote built in the early 16th century as part of the outbuildings belonging to the Manor House. (Grade I Listed. DBD2183. SAM 10. DBD212)
572	Palaeolithic Hand axes, Summerhouse Hill, Bedford	Two Palaeolithic hand axes were found in gravel workings at Summerhouse Hill. Large quantities of animal remains were also reportedly found.
585	Causewayed Enclosure and Other Cropmarks, Roman Occupation, Cardington	Cropmark of Neolithic causeway enclosure, overlain by Roman enclosure, which was excavated in 1951.
586	South West of Octagon Farm, Cardington	Investigations recorded a palaeolithic flint knife; Late Neolithic/Early Bronze Age flint scatter and three Late Neolithic/Bronze Age ring ditches (Associated with monument complex within HER 1480); Late Iron Age/Roman enclosure settlement with paddocks; 2nd -3rd century possible settlement and field system. Early-Mid Saxon settlement and evidence of continuation of activity from Late Roman period. (Octagon Farm South, Willington Quarry)

Case Study 2 – Octagon Farm, Willington Surrounding Area HER Assets Table continued

HER No	Site Name	Description
594	Dairy Farm, Renhold	Investigations recorded Mesolithic-Bronze Age flint scatters and tree throws containing flint finds; Bronze Age hengiforms/ring ditches and cremations; MBA field boundaries; LBA-EIA dispersed settlement features. (Dairy Farm, Willington Quarry)
717	Roman Road (Viatores no. 223)	The conjectured line of a Roman road between Shefford and Bedford.
738	Roman Road (Viatores no. 224)	The line of a Roman road from Bedford to Cockayne Hatley and on to Wimpole. Much of the line is conjectural but between Cardington and Willington there are cropmarks visible on aerial photographs.
768	Moat, The Pump House, Willington	Rectangular earthwork (Moat), recorded by aerial photography, now flattened
769	Danish Docks, Medieval Moat, Willington	Moated site. Postulated as a Danish camp. Excavations indicate that the site is a Medieval moated homestead.
794	Gravel Pit, Willington	A gravel pit shown on the 1925 Ordnance Survey map.
985	Cropmarks North East of Willington Village	Cropmarks of a ring ditch and a triple ditch/pit boundary.
1328	Brickworks, Renhold	The site of brickworks, in existence by 1854 and working until c.1903.
1358	Old Sand Pit, Cople	An old sand quarry pit shown on the Ordnance Survey, c.1882.
1409	Building at Well, Willington	A building shown on a map of c.1795.
1478	Cropmarks, Willington	Cropmarks of ring ditches and enclosures (See HER 337, 15222). (Willington Plantation Quarry)
1480	Cropmarks, Octagon Farm, South of River Ouse, Cardington/Cople	Extensive prehistoric 'ritual landscape' on gravel terrace, defined by R Ouse to N & Elstow Brook to S. Comprises ring ditch/henge monuments, long mortuary enclosures, cursus(es), etc. (Castlemill Airfield/Octagon Farm, Willington Quarry)
1618	Cropmarks, North of Dog Farm, Cople	Ring ditches (2 destroyed by gravel extraction), and linear cropmarks (enclosures). Excavations of one ring ditch (J F Dyer) produced evidence of Iron Age cremation. Trenching in 2006 found a probable double ring ditch. (Dog Farm Quarry)
1754	Windpump, Willington	The site of a windpump now dismantled.
1768	Bedford Sewage Works	Sewage works

Case Study 2 – Octagon Farm, Willington Surrounding Area HER Assets Table continued

HER No	Site Name	Description
1830	Iron Age and Roman Occupation, Renhold/Bedford	An area of dense cropmarks indicating enclosures and droveways. Archaeological investigations recorded Neolithic to Bronze Age flint scatters; EIA and MIA dispersed settlement features; LIA enclosures. Roman boundaries and medieval ridge and furrow.
1861	Cropmarks South of Willington	Very extensive area of complex cropmarks along an eastward-flowing stream course. Probably a Romano-British village complex, containing a possible villa site marked by very regular rectilinear enclosures. Straight double ditches of possible Roman road approach from both W and E. Scattered smaller groups of enclosures to S and E.
1905	Cropmarks South of Goldington, Bedford	An area of cropmarks partly excavated prior to development. Two henges later used as Bronze Age burial sites and evidence of Iron Age and Roman field systems were recorded.
2806	Howbury Ringwork, Renhold	A medieval ringwork, divided in two by a later roadway. (SAM 20441, DBD1303)
3098	Gravel Pit, Willington	The site of a gravel pit shown on the 1902 Ordnance Survey.
3178	Windmill, Goldington, Willington	The site of a windmill, thought to be of medieval or early post medieval date.
3325	Ridge and Furrow, Renhold Parish	Earthwork remains of medieval ridge and furrow.
5505	Ridge and Furrow, Dunton, Cople	Earthwork remains of medieval ridge and furrow.
5881	Fairfield Cottage, Leewind Cottage, Riverside Cottage and Water Cottage, Renhold	17th to 18th century farmhouse, now divided into four properties, with 20th century alterations and additions. (Grade II Listed. DBD4290)
6241	Turnpike Cottage (Toll House), Cople	Toll House of 18th century origin.
6606	Windmill, Renhold	Site of Medieval windmill.
6716	Sand Pit, Renhold	18th -19th century Sand extraction pits.
6717	Gravel Pit, Renhold	Site of former Post Medieval Gravel extraction.

Case Study 2 – Octagon Farm, Willington Surrounding Area HER Assets Table continued

HER No	Site Name	Description
6718	Gravel Pit, Howbury Park, Renhold	Site of former Victorian period gravel extraction pit.
7004	Howbury Hall Park, Renhold	18th century landscape park.
7200	Brick Kiln, Bedford	Brick Kiln to South-west of Cardington Mill. Shown on map of 1865.
8016	Castle Mills, Staunch, Bedford	19th century staunch, one of the most complete remaining examples.
8109	Moat, Rowsacks, Cople	An elongated pond, generally with two, sometimes three projections to the east is shown on maps of the parish.
8114	Claypits Close, Cople	Possible location of brick clamp/pit opened 1776.
8115	Claypit Furlong, Cople	Site of former clay/gravel pits with modern re-use.
8249	Farmstead and Sand Pit, Cople	Site of Post Medieval farmstead and sand extraction pit, demolished and re-developed.
8256	Cople End Farm, Cople	Cople end farm shown on 1779 map, not shown on 1855 map.
8257	Site of Building, Cople	Small building shown in close parallel with main road on 1779 Map, subsequently demolished.
8263	Lionhead Standpipe, Willington	Standard 20th century cast iron Lion's head Glenfield, Kennedy and Co. Kilmarnoch standpipe
9462	Great Dairy Farm, St Neots Road, Water End, Renhold	Grade II listed Farmhouse of 18th century origins. (DBD3555)
9463	Shelter Shed at Great Dairy Farm, St Neots Road, Water End, Renhold	19th century agricultural building.
9464	Hillside, St. Neots Road, Renhold	19th century red brick house.
9465	Hill Farmhouse, Water Lane, Water End, Renhold	Grade II listed 18th century farmhouse. (DBD2734)
9466	Barn, Water Lane, Water End, Renhold	19th century timber-framed barn.

Case Study 2 – Octagon Farm, Willington Surrounding Area HER Assets Table continued

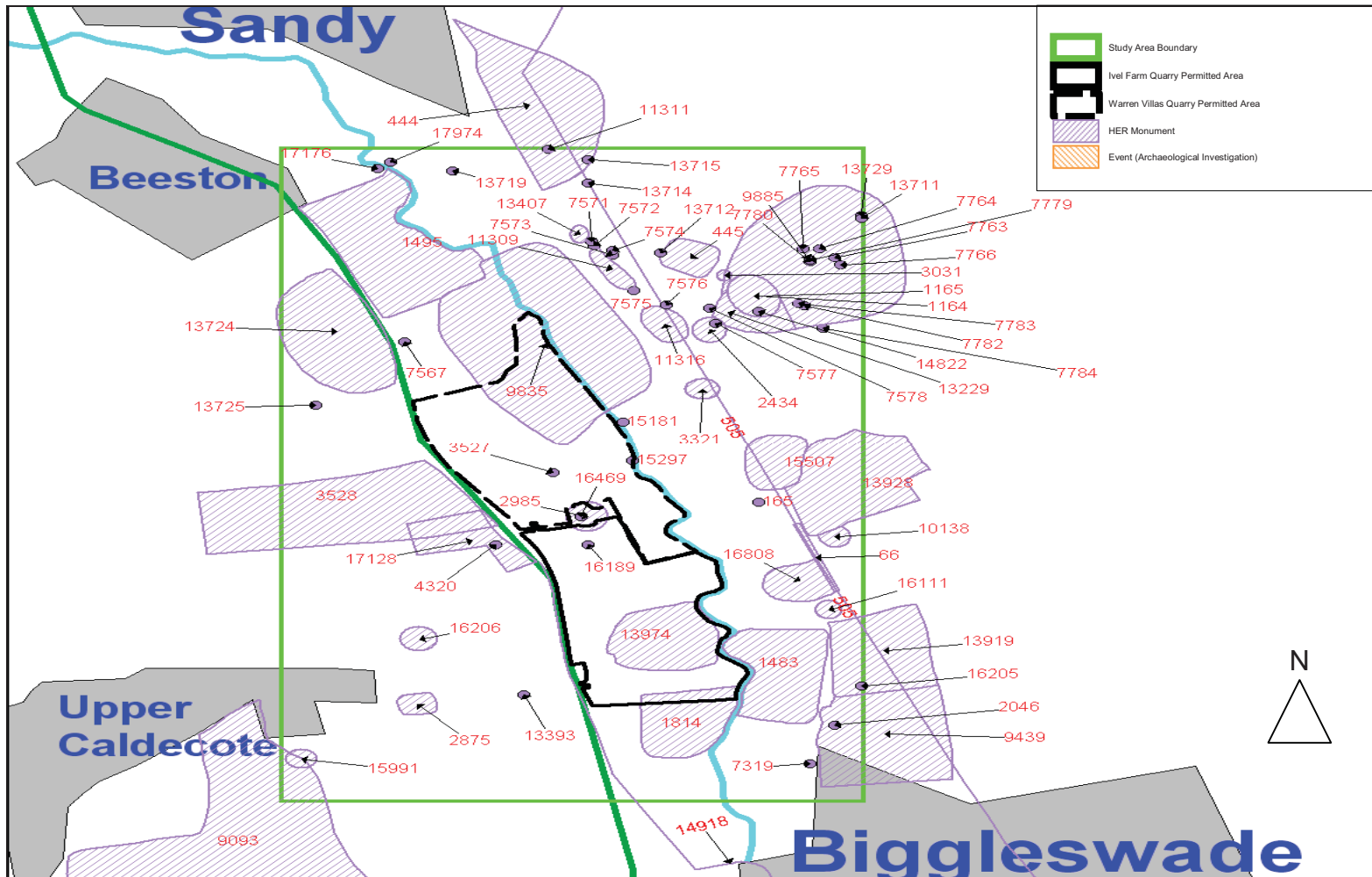
HER No	Site Name	Description
9467	Gadsey Brook Cottage, Renhold	17th century modified cottage.
9482	Boat House, Howbury Hall Estate, St Neots Road, Renhold	19th century timber-framed Boat House.
9484	Lodge, Howbury Hall, St Neots Road, Renhold	19th century lodge.
9678	The Limes Bedford Road, Willington	Red brick house dated 1908
10807	Iron Age Site, Willington	Iron Age occupation features, excavated 1952
11823	Summer House, Bedford	Mid 18th century Summerhouse, demolished by 1808.
11824	Brick Kiln, Near Cardington Mill, Bedford	Site of demolished 18th century brick kiln.
11833	Bedford - Sandy Railway	Site of demolished 19th century railway line.
11943	Burnt House Furlong, Cardington	Site of demolished 18th century house/furnace.
11949	Procession Way, Cardington/Cople Boundary	Site of destroyed Roman agger used into the Post Medieval period.
12516	Octagon Farm House, Bedford Road, Cople	Grade II listed house of early 19th century construction. (DBD3911)
12521	Dog Farmhouse, Bedford Road, Cople	Grade II listed 19th century house. (DBD2244)
12889	Site of Milestone, Renhold	Milestone "54 miles from London" marked on the 1826 map. Not on the 1901 2nd edition.
12890	Site of Milestone, Renhold	Site of Milepost. Marked on 1900 Revision of 1882 OS 25".
12891	Site of Milestone, Renhold	Site of Milepost. Marked on 1900 Revision of 1882 OS 25".
12893	Site of Boathouse, Renhold	Boathouse marked on 1900 revision of OS 25" map as 'boathouse'.

Case Study 2 – Octagon Farm, Willington Surrounding Area HER Assets Table continued

HER No	Site Name	Description
12894	Site of Boathouse, Bedford	Site of Boathouse marked on 1900 revision of 1882 25" OS map.
12895	Lock, Renhold	On the 1900 revision of 1882 25" OS map as 'Lock'.
13409	Saxon and Medieval Occupation, Water End, Renhold	The site at Water End in Renhold is a short lived early medieval settlement. The site contains evidence to suggest earlier occupation on the site, of roughly a 7th - 9th century date.
14451	Iron Age Farmstead, Willington	Iron Age farmstead comprising of a double enclosure. (Willington Plantation Quarry)
14455	Double Ring Ditch, Willington	Bronze Age double ring ditch. (Willington Plantation Quarry)
14456	Roman Enclosure and Ditches, Willington	Excavated cropmarks of 1st century AD square enclosure of either ritual or settlement use. A ditch containing a cremation was also recorded. (Willington Plantation Quarry)
14457	Ditched Enclosure, Willington	Irregular prehistoric enclosure of unknown function. (Willington Plantation Quarry)
14498	Brick Kilns, Risinghoe, Bedford	A post medieval brick kiln at Risinghoe.
14499	Bricklayers Arms Public House, Risinghoe, Bedford	A post medieval Public House the Bricklayers Arms was recorded on the 1843 Tithe Award for Goldington.
14509	Manor Site, Bury Farm, Goldington, Bedford	The site of a medieval manor at Goldington Bury.
14658	Roman Coin, North West of Cople Church, Cople	A late Roman coin from the 4th century.
14769	Gravel Pits (Fishponds), Cople	A series of water features that resemble a fishpond complex.
14770	Gravel Pits (Fishponds), Cople	A series of water features that resemble a fishpond complex.
14962	Iron Age Sherd and Flint off Chapel Lane, Willington	Early Iron Age sherd and a flint core found near the line of a gas pipeline.
15009	Ring Ditch North of Sewage Works, Bedford	The Scheduled Ancient Monument (No 20751) is a Barrow and mortuary enclosure 1100m WNW of Octagon Farm; it is part of a Neolithic and Bronze Age mortuary complex.

Case Study 2 – Octagon Farm, Willington Surrounding Area HER Assets Table continued

HER No	Site Name	Description
15222	Square Enclosure and Burial, Willington Plantation	A Neolithic square enclosure and burial were excavated in 1988. (Willington Plantation Quarry)
15420	Ring Ditch, South West of Dairy Farm, Renhold	Cropmark of EBA ring ditch/henge. (Dairy Farm Quarry)
15491	Ring Ditch, East of Castle Dairy Farm, Renhold	The cropmark of a Bronze Age ring ditch.
16718	Cropmarks West of Grange Farm, Cople	Rectilinear closes on edge of flood plain of north-flowing stream.
16720	Cropmarks East End of Willington Plantation	Ring ditch located within trapezoidal enclosure.
16721	Cropmarks North of Great Dairy Farm, Renhold	An extensive scatter of enclosures. The site was later excavated and produced evidence for occupation on the site from the 1st century into the medieval period. Along with domestic areas a cremation cemetery and inhumations from the 1st to 3rd century were recovered.
17071	Goldington Medieval Village, Bedford	The medieval village core of Goldington.
17118	Cople Medieval Village	The medieval village of Cople.
17123	Willington Medieval Village	The medieval settlement of Willington.



Case Study 3 – Warren Villas/Ivel Farm HER Assets Map

Case Study 3 – Warren Villas HER Assets Table

HER No.	Site Name	Description
3527	Cropmarks North of Manor Farm, Northill	An area of cropmarks which produced extensive evidence for Iron Age, Roman and 11 th -12 th century occupation.
9835	Earthworks between Seddington and Stratford, Northill/Sandy	Water management earthworks in the flood plain of the River Ivel.
15297	Wharf, Ivel Navigation, Northill	A post medieval wharf associated with the Ivel Navigation.

Case Study 3 – Ivel Farm Quarry HER Assets Table

HER No.	Site Name	Description
1814	Cropmarks Elms Farm, Northill	A series of small curvilinear enclosures, running north-south parallel to and west of the River Ivel.
2985	Manor Farm, Northill	Manor Farm is recorded in this site since the 1850s, and the name is likely to derive from a medieval manor on or near the site.
13974	Cropmarks North East of Ivel Farm, Northill	Investigation encountered a Palaeolithic flint hand axe; EIA-MIA settlement; LIA-Roman enclosed farmstead, field system, droveway and cremations; Three Saxon sunken feature buildings were identified within the earlier enclosure system.
16189	Coin from Manor Farm, Caldecote, Northill	A gold coin was found at Manor Farm in Caldecote. The coin could not be identified or dated.

Case Study 3 – Warren Villas/Ivel Farm Surrounding Area HER Assets Table

HER No.	Site Name	Description
66	Roman Road Metalling, Biggleswade Common	Traces of a road surface have been identified, possibly related to the main Sandy to Godmanchester Roman road.
165	Roman Barrow, Biggleswade	Mapped by Viatores, quoting OS 1" First Edition. May be HER 15507 wrong located.
444	Small Roman Town, Chesterfield, Sandy	Area of Roman town known as Chesterfield found in the 17th century. Late Iron Age occupation features within Roman town area.
445	Iron Age Hillfort, Galley Hill, Sandy	A subrectangular univallate promontory fort on the crest of the Greensand escarpment.
505	Sandy - Godmanchester Road (Viatores Road 22)	The major Roman road between Sandy and Godmanchester.
1164	Iron Age Hillfort, Sandy Lodge, Sandy	Iron Age promontory fort, roughly oval in plan, on the crest of the Greensand escarpment.
1165	Mesolithic Occupation, Sandy	Lithic Implements and blades. Within (HER 1164)
1483	Earthworks/Cropmarks, North West of Shortmead House, Biggleswade	Block of complex rectilinear enclosures between River Ivel & backwater to East.
1495	Cropmarks, Beeston Berrys, Sandy	Late Saxon - Early Medieval settlement features and boundary ditches
1814	Cropmarks Elms Farm, Northhill	A series of small curvilinear enclosures, running north-south parallel to and west of the River Ivel.
2046	Shortmead House, Fairfield Road, Biggleswade	Late 18th century house. (Grade II Listed. DBD3222)
2434	Stone Axes, Stratford Road, Sandy	A possible find of stone axes is suggested by the name of Stone Axe Farm.
2875	Gravel Pits, Northhill	The sites of old gravel pits, shown on the Ordnance Survey for 1884.
2985	Manor Farm, Northhill	Manor Farm is recorded in this site since the 1850s, and the name is likely to derive from a medieval manor on or near the site.

Case Study 3 – Warren Villas/Ivel Farm Surrounding Area HER Assets Table continued

HER No.	Site Name	Description
3031	Sand Pit, Sandy	The site of a sand pit, shown on the 1901 Ordnance Survey.
3321	Roman Ford, Stratford, Sandy	The possible site of a Roman ford, relating to the route of a road (HER505).
3527	Cropmarks North of Manor Farm, Northhill	An area of cropmarks which produced extensive evidence for Iron Age, Roman and 11th-12th century cropmarks.
3528	Cropmarks, North West of Lower Caldecote, Northhill	A block of long narrow reversed-S shape closes, fronting the A1, probably representing settlement/early enclosure. The enclosures overlie a possible Roman irregular double-ditched trackway.
4320	Kings Head Public House, Lower Caldecote, Northhill	18th century former Public House, now demolished.
7319	Fairfield House, Fairfield Road, Biggleswade	Grade II Listed Mid 19th century building. (DBD1170)
7567	The Buttery, High Road, Beeston, Sandy	18th century former Buttery.
7571	4 Stratford Road, Sandy	19th century house.
7572	6 Stratford Road, Sandy	Grade II listed 17th/18th century timber-framed building. (DBD3482)
7573	Barn to front of 11 Stratford Road, Stratford, Sandy	19th century barn building
7574	11 Stratford Road, Stratford, Sandy	Grade II listed 17th century timber-framed building. (DBD3483)
7575	10 & 12 Stratford Road, Stratford, Sandy	19th century yellow brick building.
7576	13 & 15 Stratford Road, Stratford, Sandy	19th century brick house.
7577	14 Stratford Road, Stratford, Sandy	19th century yellow brick house.
7578	17 & 19 Stratford Road, Stratford, Sandy	18th century brick building.
7763	The Lodge Sandy Warren, Potton Road, Sandy	Grade II listed Neo-Elizabethan style Lodge dated to 1869-70. (DBD1173)

Case Study 3 – Warren Villas/Ivel Farm Surrounding Area HER Assets Table continued

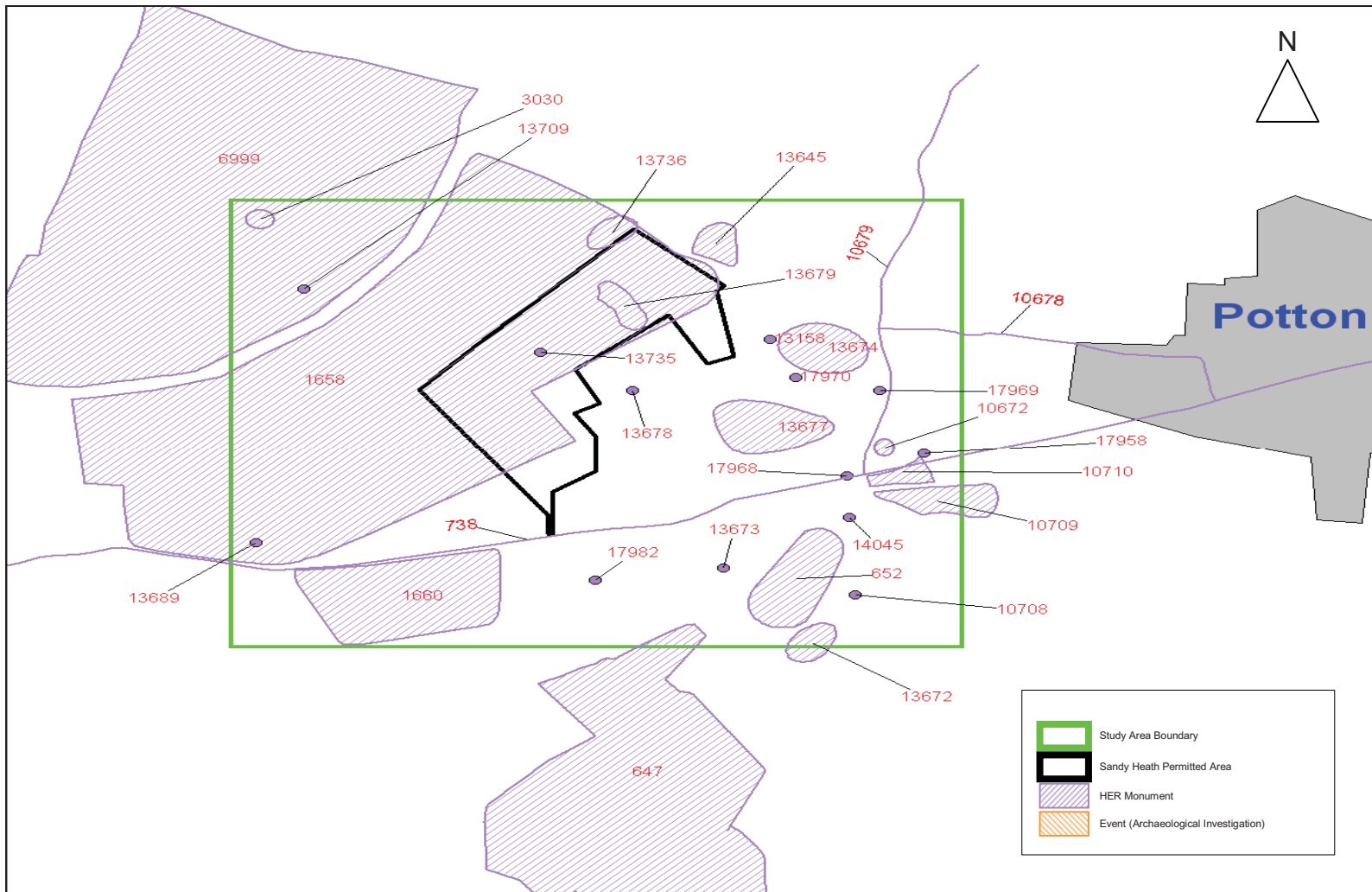
HER No.	Site Name	Description
7764	Stables to The Lodge, Sandy Warren, Potton Road, Sandy	Grade II listed c.1869-70 Stable to Lodge building. (DBD1176)
7765	Thatched Outbuilding to The Lodge, Sandy Warren, Potton Road, Sandy	19th century thatched out building.
7766	Garden Structures at The Lodge, Sandy Warren, Potton Road, Sandy	Grade II listed c. 1869-70 Garden Features. (DBD3503)
7779	Garden House to Sandy Warren, Potton Road, Sandy	Grade II listed garden house, c.19th/20th century. (DBD3505)
7780	Walled Garden at The Lodge, Sandy Warren, Potton Road, Sandy	Grade II listed walled Garden. 19/20th century in date. (DBD1177)
7782	Cottage Farmhouse, Stratford Road, Sandy	19th century red brick building.
7783	Outbuildings to Cottage Farm, Stratford Road, Sandy	19th century outbuildings.
7784	16 & 18 Stratford Road, Sandy	19th century colourwashed buildings.
9093	Cropmarks South of Upper Caldecote	Investigations identified Neolithic flint scatter and sporadic pit cluster; Bronze Age funerary monument, Beaker burials and Late Bronze Age boundary; Early Iron Age to Mid Iron Age settlement zone including large pits. (Broom Quarry)
9439	Shortmead House Grounds, Biggleswade	Post Medieval landscaped gardens shown on map of 1826.
9835	Earthworks between Seddington and Stratford, Northill/Sandy	Water management earthworks in the flood plain of the River Ivel.
9885	Landscaped Grounds, Sandy Lodge, Sandy	19th century landscape park.
10138	Cropmark, South of Biggleswade Sewage Works	Trial trenching recorded a Bronze Age ring ditch, three undated ditches and a ditch terminal.
11309	Roman Burials, Stratford, Sandy	Roman inhumation cemetery first recorded in 1900. A further 13 graves were identified during a watching brief in 1999.

Case Study 3 – Warren Villas/Ivel Farm Surrounding Area HER Assets Table continued

HER No.	Site Name	Description
11311	Belgic and Roman Occupation, 7 and 7a Stratford Road, Sandy	Area of late Iron Age and Roman occupation. (HER 444)
11316	Bank & Roman Pottery, Stratford, Sandy	Roman agger and finds of associated pottery.
13229	Galley Wood, Ancient Woodland, Sandy	Galley Wood in the parish of Sandy is an ancient woodland of unknown date.
13393	Onion Drying Shed, Broadview Nurseries, Northill	An onion drying shed, deemed of local interest.
13407	Roman Settlement and Cemetery, North West of 6 Stratford Road, Sandy	The site is divided into 2 zones, an area of probable settlement in the NE fronting onto the Roman Road, with a cemetery area behind to the SW. It was excavated via a number of trial trenches.
13711	Cropmarks, Sandy Warren, Sandy	Site of possible cropmarks, probably non archaeological.
13712	Cropmark, West of Galley Hill, Sandy	A single rectangular cropmark is visible on the site.
13714	Cropmark, Chesterfield, Sandy	Site of square and circular cropmarks.
13715	Cropmark, Chesterfield, Sandy	Site of a number of rectilinear and square features on a NE orientation. The features are all close to each other and suggest that they maybe a Roman building complex.
13719	Cropmarks, West of Chesterfield, Sandy	Possible site of cropmarks, probably non archaeological.
13724	Cropmarks West of Seddington, Sandy	Site consists of 2 semi-circular cropmarks and a small rectilinear feature.
13725	Cropmarks South of Beeston Village, Sandy	Vague cropmarks on a NE orientation.
13729	Sandy Warren, Sandy	Sandy Warren is part of Sandy Manor that is mentioned in 1670 AD. Site of possible medieval warren.
13919	Barn Field, Biggleswade	A Barn Field mentioned in 1839
13928	Cropmarks, Round Hill Field, Biggleswade	Double-ditched trackway with possible oval and circular enclosures
13974	Cropmarks North East of Ivel Farm, Northill	Investigation encountered a Palaeolithic flint hand axe; EIA-MIA settlement; LIA-Roman enclosed farmstead, field system, droveway and cremations; Three Saxon sunken feature buildings were identified within the earlier enclosure system.

Case Study 3 – Warren Villas/Ivel Farm Surrounding Area HER Assets Table continued

HER No.	Site Name	Description
14822	Galley Wood, Ancient Woodland, Sandy	An ancient woodland of unknown date.
14918	Road, Lower Caldecote - Biggleswade	A 17th century road from Lower Caldecote to Biggleswade.
15181	Navigation Lock, North East of Manor Farm, Northhill	An 18th century Navigation Lock.
15297	Wharf, Ivel Navigation, Northhill	A post medieval wharf associated with the Ivel Navigation.
15507	Cropmarks, North West of Biggleswade Sewage Farm, Biggleswade	A group of rectilinear and circular cropmarks, which respect an upstanding mound.
15951	Medieval Seal Die, Upper Caldecote Playing Field, Northhill	A medieval lead seal die.
16111	Bone and Skull, Biggleswade Common	On Biggleswade Common a human skull was exposed by erosion of the river bed. It is thought to have been associated with a Roman cemetery but no clear date was assigned to the skull.
16189	Coin from Manor Farm, Caldecote, Northhill	A gold coin was found at Manor Farm in Caldecote. The coin could not be identified or dated.
16205	Flint Arrowhead, Railway Crossing North of Biggleswade	From the site of Rowlett's Train Crossing in Biggleswade a barbed and tanged arrowhead was found.
16206	Flint Arrowhead, Caldecote Road, near Upper Caldecote	From the site of Rowlett's, Caldecote Road in Biggleswade a barbed and tanged arrowhead was found.
16469	Onion Store, Manor Farm, Lower Caldecote	A Grade II listed Onion shed with a cart shed on the ground floor. (DBD3743)
16808	Cropmarks South of Biggleswade Sewage Works	Rectangular enclosure, cut by modern drain.
17128	Lower Caldecote Medieval Settlement	The medieval settlement of Lower Caldecote.
17176	Pillbox, New Road, Sandy	An extant World War II pillbox
17974	WW2 Tank Trap, Sandy	Site of World War II anti-tank obstacles on New road, Sandy.



Case Study 4 – Sandy Heath Quarry HER Assets Map

Case Study 4 – Sandy Heath Quarry HER Assets Table

HER No.	Site Name	Description
1658	Cropmarks Sandy Heath, Sandy	Scatters of small subrectangular enclosures, with an agglomerated linear group at the NE end of the Heath. One large rectangular enclosure, and extensive linear features/trackways. Some may be geological in origin.
13679	Cropmarks, Sandy Heath, Sandy	The site shows cropmarks which probably indicate the presence of small enclosures and possible hut circles.
13735	Cropmarks, Sandy Heath, Sandy	Possible site of cropmarks, probably non archaeological

Case Study 4 – Sandy Heath Quarry Surrounding Area HER Assets Table

HER No.	Site Name	Description
647	Cropmarks Sandy/Sutton Boundary	Extensive area of linear cropmarks (mostly double), on either side of stream, unrelated to modern field boundaries. Probably derives from pre-enclosure field system/water management
652	Cropmarks North East of Warren Farm, Sandy	Irregular enclosure with internal circular feature
738	Roman Road (Viatores no. 224)	The line of a Roman road from Bedford to Cockayne Hatley and on to Wimpole.
1658	Cropmarks Sandy Heath, Sandy	A scatter of small subrectangular enclosures, with an agglomerated linear group at the NE end of the Heath. One large rectangular enclosure, and extensive linear features/trackways. Some may be geological in origin.
1660	Cropmarks South of Potton Road, Sandy	A group of small curvilinear enclosures
3030	Sand Pit, Sandy	The site of a sand pit, shown on the 1901 Ordnance Survey.
5442	Fen Farmhouse, Carthagena Road, Sutton	Grade II listed building dated to the 17th and 18th century. (DBD2429)
6999	Hazells Hall Park	A country house with 18-19th century formal and woodland gardens, surrounded by a late 18th century landscaped park. (Grade II Registered Park/Garden. DBD4535)
7781	Lodge to The Lodge, Potton Road, Sandy	Grade II listed Entrance Lodge. C.1870. (DBD1172)
10672	Old Sand Pit, Potton	Site of disused post-medieval sand extraction pit
10678	Old Bedford Road, Everton/Potton/Sandy	Earthwork of post-medieval road.
10679	Drove Way, St Ives - Biggleswade	Site of disused post medieval drove way.
10708	Processioning Stone, Sutton	Site of boundary stone of Medieval/Post Medieval date.
10709	Deepdale Sand Pit, Potton	Site of probable post-medieval coprolite workings and modern sand extraction pit.
10710	Old Sand Pit, Potton	Earthworks of disused late 20th century sand pit.

Case Study 4 – Sandy Heath Quarry Surrounding Area HER Assets Table continued

HER No.	Site Name	Description
13158	Sandy TV Station, Sandy Heath	Television mast, erected in 1965.
13645	Cropmark, Everton	Linear cropmarks of unknown origin.
13672	Cropmarks East of Warren Farm, Sandy	A complex of linear features, including enclosures.
13673	Cropmark, North of Warren Farm, Sandy	A group of circular and irregularly shaped cropmarks.
13674	Cropmarks, South West of Warren Farm, Sandy	The site consists of features located in 3 groups. 2 of the groups are linears and are possibly the remains of ridge and furrow. The other feature is oval in shape and is probably a small ditched enclosure.
13677	Cropmarks West of Deepdale, Sandy	A group of cropmarks of irregular and circular shapes.
13678	Cropmarks, Sandy Heath, Sandy	A number of cropmarks that are close to each other and are a mix of oval and rectangular forms.
13679	Cropmarks, Sandy Heath, Sandy	The site shows cropmarks which probably indicate the presence of small enclosures and possible hut circles.
13689	Cropmarks, Sandy Heath, Sandy	The site consists of a single oval shaped cropmark which has a flat and straight southern edge.
13709	Cropmark, East of Lord's Wood, Sandy	Possible site of cropmarks, probably non archaeological;
13735	Cropmarks, Sandy Heath, Sandy	Possible site of cropmarks, probably non archaeological
13736	Cropmarks, Sandy Heath, Sandy	Site of two linear features
14045	Roman Cremation Burials, 2 Warren Farm Cottages, Sandy	A Romano-British cremation cemetery dating to the late 1st-2nd century uncovered during greenhouse construction
16462	The Locomotive, 5 Deepdale, Potton	A 19th century public house.
17958	WW2 Tank Tracks, Potton	Site of World War II tank tracks.
17968	WW2 Pillbox, Sandy	The site of a World War II Pillbox.

Case Study 4 – Sandy Heath Quarry Surrounding Area HER Assets Table continued

HER No.	Site Name	Description
17969	WW2 Ammunition Dump, Deepdale, Potton	World War II ammunition drop off point. Used for the transfer of ammunition between the road and a narrow gauge railway.
17970	WW2 Pillbox, Sandy	Site of World War II pillbox.
17982	WW2 Petrol Dump and Dumping Station, Sandy	A World War II petrol dump and pumping station designed to supply all the airfields in East Anglia.